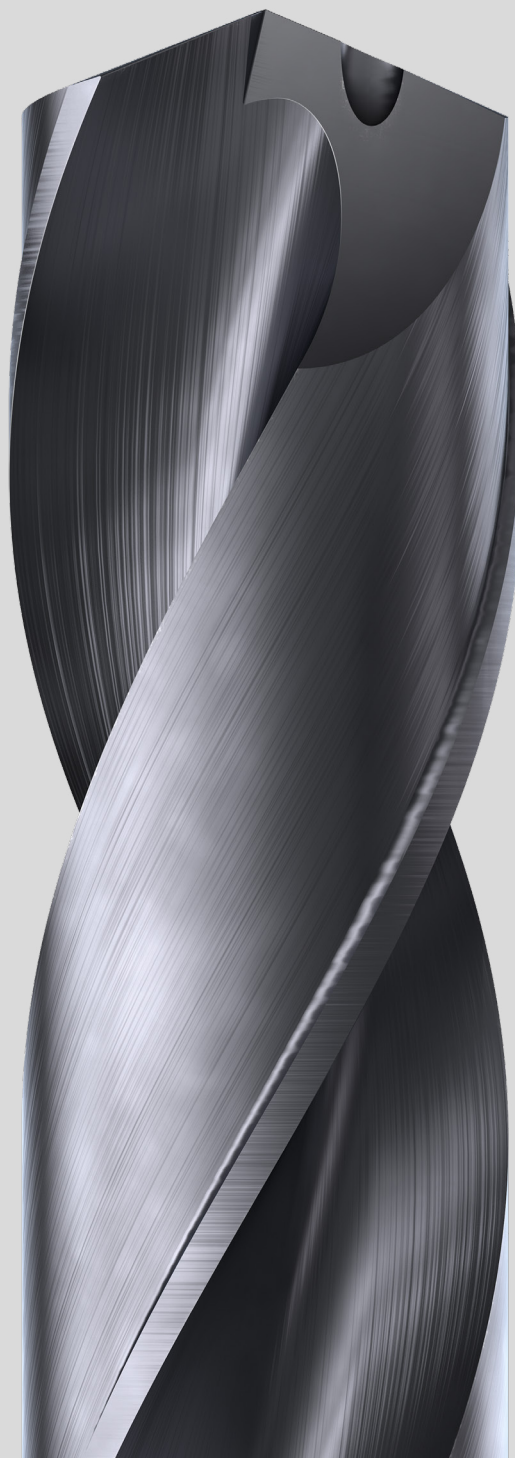


Uniwersalne narzędzia obrotowe

KOMPLETNY ASORTYMENT WYSOKO WYDAJNYCH NARZĘDZI SKRAWAJĄCYCH OFERUJĄCYCH WYSOKĄ
WSZECHESTRONNOŚĆ I EFEKTYWNOŚĆ KOSZTOWĄ

FREZOWANIE
WIERCENIE
GWINTOWANIE
ROZWIERCANIE



Frezowanie

CoroMill® Plura, węglkowy frez trzpieniowy

A4

| | |
|---|---------|
| Frez do ciężkiej obróbki zgrubnej | A5-A17 |
| Frez do obróbki średnio-zgrubnej | A19-A21 |
| Frez z rozdzielaczem wiórów do obróbki zgrubnej | A23 |
| Frez z czołem kulistym do profilowania | A25-A27 |
| Frez do fazowania i zaokrąglania krawędzi | A29 |

Wiercenie

CoroDrill® 460

B2

| | |
|------------------------------|---------|
| Wiertła pełnowęglkowe | B3-B21 |
| Wiertła stopniowe i fazujące | B22-B23 |

Gwintowanie

CoroTap™ 200 – skośna powierzchnia natarcia

C3

| | |
|------------------------|---------|
| Metryczny | C4-C6 |
| Metryczny drobnozwojny | C7-C9 |
| UNC | C10-C11 |
| UNF | C12-C13 |
| G | C14 |

CoroTap™ 300 – śrubowe rowki wiórowe

C15

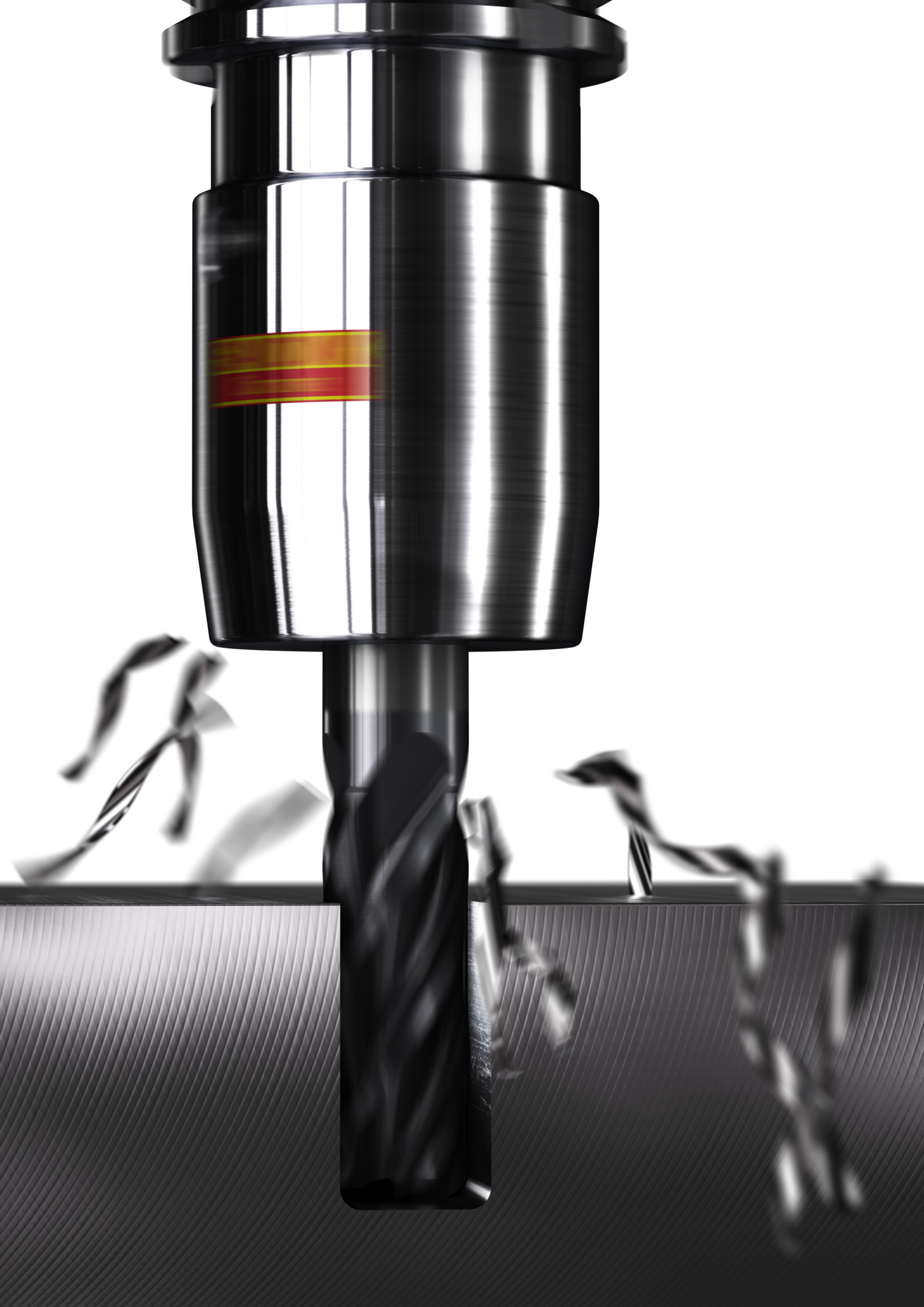
| | |
|------------------------|---------|
| Metryczny | C16-C18 |
| Metryczny drobnozwojny | C19-C21 |
| UNC | C22-C24 |
| UNF | C25-C27 |
| G | C28 |

Rozwiercanie

CoroReamer™ 435

D2











| | |
|----------------------------|-------|
| Do otworów nieprzelotowych | D3-D4 |
| Do otworów przelotowych | D5-D6 |



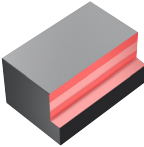
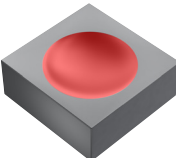

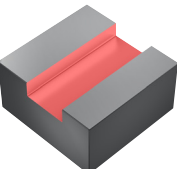
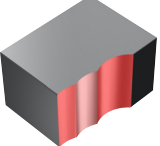
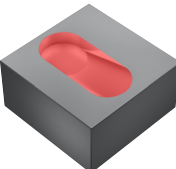
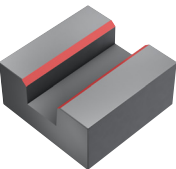
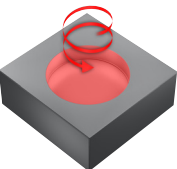

Frezowanie

Poradnik wspomagający dobór narzędzi w zależności od zastosowania







CoroMill® Plura

| Uniwersalne |  |  |  |  |  |  |  |  |  |  | P | M | K | N | S | H | O | Strona |
|---|---|---|---|---|---|---|---|--|---|---|---|---|---|---|---|---|---|---------|
| Frez do ciężkiej obróbki zgrubnej | +++ | ++ | | ++ | + | + | ++ | | | | • | • | • | • | • | | | A5-A17 |
| 2 ostrza | +++ | + | | + | + | + | ++ | | | | • | • | • | • | • | | | |
| 3 ostrza | ++ | ++ | | + | + | + | ++ | | | | • | • | • | • | • | | | |
| 4 ostrza | + | +++ | | ++ | + | + | + | | | | • | • | • | • | • | | | |
| Frez do obróbki średnio-zgrubnej | ++ | +++ | | +++ | ++ | ++ | ++ | | | | • | • | • | • | • | | | A19-A21 |
| 3 ostrza | ++ | ++ | | ++ | ++ | ++ | ++ | | | | • | • | • | • | • | | | |
| 4 ostrza | + | +++ | | +++ | ++ | ++ | + | | | | • | • | • | • | | | | |
| Frez z rozdzielaczem wiórów do obróbki zgrubnej | ++ | +++ | | ++ | ++ | ++ | + | | | | • | • | • | | • | | | A23 |
| Frez z czołem kulistym do profilowania | | | +++ | | | | | | | | • | • | • | • | • | | | A25-A27 |
| Frez do fazowania i zaokrąglania krawędzi | | | | | | | | +++ | +++ | | • | • | • | • | • | • | | A29 |

Symbolika pola zastosowania

| | | | |
|--|--|--|---|
| Frezowanie walcowo-czołowe <div></div> | Frezowanie profilowe <div></div> | Frezowanie wgłębień <div></div> | Frezowanie rowków <div></div> |
| Frezowanie wgłębne <div></div> | Zagłębianie skośne <div></div> | Fazowanie wewnętrzne <div></div> | Interpolacja śrubowa <div></div> |
| Fazowanie zewnętrzne <div></div> | | | |

CoroMill® Plura, węglkowy frez trzpieniowy

| | Frez do ciężkiej obróbki zgrubnej | Frez do obróbki średnio-zgrubnej | Frez z rozdzielaczem wiórów do obróbki zgrubnej | Frez z czołem kulistym do profilowania | Frez do fazowania i zaokrąglania krawędzi |
|---|---|---|---|---|---|
|  |  |  |  |  |  |
| Materiał | Do różnych materiałów o twardości ≤ 48 HRC | Do różnych materiałów o twardości ≤ 48 HRC | Do różnych materiałów o twardości ≤ 48 HRC | Do różnych materiałów o twardości ≤ 48 HRC | Do różnych materiałów o twardości ≤ 48 HRC |
| Obszar zastosowań wg ISO | P M K N S | P M K N S | P M K S | P M K N S | P M K N S H |
| DC mm | 1.00 - 25.00 | 2.00 - 25.00 | 6.00 - 20.00 | 1.00 - 20.00 | 1.00 - 8.00 |
| DC cale | .125 - 1.000 | .125 - 1.000 | .250 - 1.000 | .063 - .750 | .047 - .248 |
| FHA | 30°, 35° | 45° | 37° | 30° | 0° |
| ZEFP | 2, 3, 4 | 3, 4 | 4 | 2, 4 | 2, 3, 4, 5, 6 |
| RE mm | - | - | - | 0.50 - 10.00 | - |
| RE cale | - | - | - | .031 - .375 | - |
| CHW mm | 0.00 - 0.30 | 0.00 - 0.20 | 0.35 - 0.63 | - | - |
| CHW cale | .000 - .012 | .000 - .010 | .014 - .031 | - | - |
| Chwyt | Cylindryczny Weldon | Weldon | Cylindryczny Weldon | Cylindryczny | Cylindryczny |
| BSG | DIN 6527 K DIN 6527 L COROMANT | DIN 6527 L | DIN 6527 L Norma zkładowa | COROMANT | COROMANT Norma zkładowa |
| Gatunek | 1630 | 1620, 1630 | 1640 | 1620, 1630 | 1620 |
| Chłodziwo doprowadzane wewnętrznie | ✗ | ✗ | ✗ | ✗ | ✗ |
| Chłodziwo doprowadzane zewnętrznie | ✓ | ✓ | ✓ | ✓ | ✓ |
| Strona | A5-A17 | A19-A21 | A23 | A25-A27 | A29 |

CoroMill® Plura

Wydajne frezy trzpieniowe zapewniające wszechstronną i ekonomiczną obróbkę

Uniwersalne, wydajne i bezpieczne narzędzia przeznaczone do różnych zastosowań, przedmiotów różnej wielkości i kształtu wykonanych z różnych materiałów, umożliwiają optymalne wykorzystanie obrabiarki.

Zastosowanie

- Ciężka obróbka zgrubna
- Obróbka średnio-zgrubna
- Obróbka zgrubna z łamaczem wiórów
- Profilowanie
- Fazowanie

Obszar stosowania wg ISO:



Aby zapewnić jak najlepsze wykorzystanie obrabiarki podczas obróbki różnych przedmiotów i przy mieszanej produkcji potrzebne są narzędzia charakteryzujące się doskonałą precyzją, wytrzymałością i wszechstronnością. Gdy kluczowe znaczenie mają precyzja, stabilność i opłacalność obróbki, pierwszym wyborem są uniwersalne frezy CoroMill Plura Versatile.

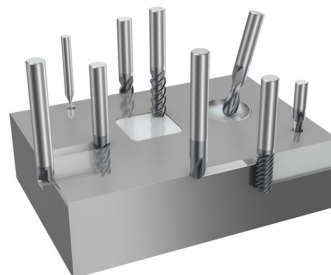


Narzędzia niestandardowe, patrz strona E36

www.sandvik.coromant.com/coromillplura

Asortyment produktów

- Wybrane gatunki o wysokiej jakości, do wszystkich materiałów i warunków skrawania
- Wytrzymałe geometrie, zaprojektowane w taki sposób, aby można je było wykorzystywać w różnych zastosowaniach frezarskich
- Do wyboru: chwyt cylindryczny i Weldon
- Narzędzia z czołem prostym w wersji z rozdzielnikiem wiórów i bez niego
- Narzędzia z czołem kulistym i narzędzia do fazowania
- Możliwość nawet trzykrotnej regeneracji z odtworzeniem oryginalnych parametrów

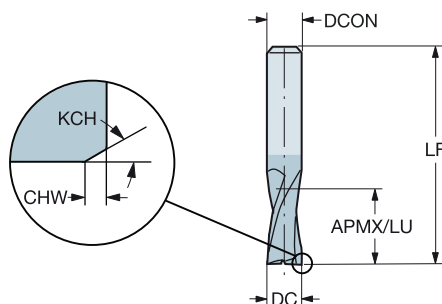
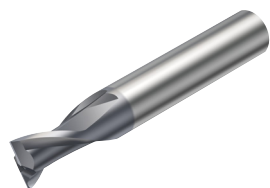


E50

CoroMill® Plura, węglkowy frez trzpieniowy do ciężkiej obróbki zgrubej

Do różnych materiałów o twardości ≤ 48 HRc

FHA
BSG
TCDCON 30°
DIN 6527 K
h6



Wersja metryczna

| | | | | | | | | | Wymiary, mm | |
|------|-------------------|------|------|-----|------|------|---------------|-------|-------------|------|
| DC | CZC _{MS} | APMX | CHW | KCH | LU | ZEFP | Oznaczenie | GRADE | DCON | LF |
| 1.0 | 3 | 3.5 | | | 3.5 | 2 | 1P220-0100-XA | 1630 | 3.0 | 38.0 |
| 1.5 | 3 | 3.5 | | | 3.5 | 2 | 1P220-0150-XA | 1630 | 3.0 | 38.0 |
| 1.8 | 6 | 3.5 | | | 3.5 | 2 | 1P220-0180-XA | 1630 | 6.0 | 50.0 |
| 2.0 | 6 | 3.5 | | | 3.5 | 2 | 1P220-0200-XA | 1630 | 6.0 | 50.0 |
| 2.5 | 6 | 3.5 | 0.08 | 45° | 3.5 | 2 | 1P220-0250-XA | 1630 | 6.0 | 50.0 |
| 2.8 | 6 | 4.5 | 0.08 | 45° | 4.5 | 2 | 1P220-0280-XA | 1630 | 6.0 | 50.0 |
| 3.0 | 6 | 4.5 | 0.08 | 45° | 4.5 | 2 | 1P220-0300-XA | 1630 | 6.0 | 50.0 |
| 3.5 | 6 | 4.5 | 0.08 | 45° | 4.5 | 2 | 1P220-0350-XA | 1630 | 6.0 | 50.0 |
| 3.8 | 6 | 5.5 | 0.08 | 45° | 5.5 | 2 | 1P220-0380-XA | 1630 | 6.0 | 54.0 |
| 4.0 | 6 | 5.5 | 0.13 | 45° | 5.5 | 2 | 1P220-0400-XA | 1630 | 6.0 | 54.0 |
| 4.5 | 6 | 5.5 | 0.13 | 45° | 5.5 | 2 | 1P220-0450-XA | 1630 | 6.0 | 54.0 |
| 4.8 | 6 | 6.5 | 0.13 | 45° | 6.5 | 2 | 1P220-0480-XA | 1630 | 6.0 | 54.0 |
| 5.0 | 6 | 6.5 | 0.13 | 45° | 6.5 | 2 | 1P220-0500-XA | 1630 | 6.0 | 54.0 |
| 5.8 | 6 | 7.5 | 0.13 | 45° | 7.5 | 2 | 1P220-0575-XA | 1630 | 6.0 | 54.0 |
| 6.0 | 6 | 7.5 | 0.13 | 45° | 7.5 | 2 | 1P220-0600-XA | 1630 | 6.0 | 54.0 |
| 6.8 | 8 | 8.5 | 0.13 | 45° | 8.5 | 2 | 1P220-0675-XA | 1630 | 8.0 | 58.0 |
| 7.0 | 8 | 8.5 | 0.13 | 45° | 8.5 | 2 | 1P220-0700-XA | 1630 | 8.0 | 58.0 |
| 7.8 | 8 | 9.5 | 0.13 | 45° | 9.5 | 2 | 1P220-0775-XA | 1630 | 8.0 | 58.0 |
| 8.0 | 8 | 9.5 | 0.20 | 45° | 9.5 | 2 | 1P220-0800-XA | 1630 | 8.0 | 58.0 |
| 9.0 | 10 | 10.5 | 0.20 | 45° | 10.5 | 2 | 1P220-0900-XA | 1630 | 10.0 | 66.0 |
| 9.7 | 10 | 11.5 | 0.20 | 45° | 11.5 | 2 | 1P220-0970-XA | 1630 | 10.0 | 66.0 |
| 10.0 | 10 | 11.5 | 0.20 | 45° | 11.5 | 2 | 1P220-1000-XA | 1630 | 10.0 | 66.0 |
| 11.7 | 12 | 12.5 | 0.20 | 45° | 12.5 | 2 | 1P220-1170-XA | 1630 | 12.0 | 73.0 |
| 12.0 | 12 | 12.5 | 0.20 | 45° | 12.5 | 2 | 1P220-1200-XA | 1630 | 12.0 | 73.0 |
| 13.7 | 14 | 14.5 | 0.20 | 45° | 14.5 | 2 | 1P220-1370-XA | 1630 | 14.0 | 75.0 |
| 14.0 | 14 | 14.5 | 0.20 | 45° | 14.5 | 2 | 1P220-1400-XA | 1630 | 14.0 | 75.0 |
| 15.7 | 16 | 16.5 | 0.20 | 45° | 16.5 | 2 | 1P220-1570-XA | 1630 | 16.0 | 82.0 |
| 16.0 | 16 | 16.5 | 0.20 | 45° | 16.5 | 2 | 1P220-1600-XA | 1630 | 16.0 | 82.0 |
| 17.7 | 18 | 18.5 | 0.20 | 45° | 18.5 | 2 | 1P220-1770-XA | 1630 | 18.0 | 84.0 |
| 18.0 | 18 | 18.5 | 0.20 | 45° | 18.5 | 2 | 1P220-1800-XA | 1630 | 18.0 | 84.0 |
| 19.7 | 20 | 20.5 | 0.30 | 45° | 20.5 | 2 | 1P220-1970-XA | 1630 | 20.0 | 92.0 |
| 20.0 | 20 | 20.5 | 0.30 | 45° | 20.5 | 2 | 1P220-2000-XA | 1630 | 20.0 | 92.0 |

Wersja calowa

| | | | | | | | | | Wymiary, cale | |
|-------|-------------------|-------|------|-----|-------|------|---------------|-------|---------------|-------|
| DC | CZC _{MS} | APMX | CHW | KCH | LU | ZEFP | Oznaczenie | GRADE | DCON | LF |
| .125 | 1/8 | .172 | .003 | 45° | .172 | 2 | 1P220-0318-XA | 1630 | .125 | 1.500 |
| .188 | 3/16 | .250 | .005 | 45° | .250 | 2 | 1P220-0476-XA | 1630 | .187 | 2.000 |
| .250 | 1/4 | .313 | .005 | 45° | .313 | 2 | 1P220-0635-XA | 1630 | .250 | 2.000 |
| .375 | 3/8 | .469 | .008 | 45° | .469 | 2 | 1P220-0953-XA | 1630 | .375 | 2.500 |
| .500 | 1/2 | .625 | .008 | 45° | .625 | 2 | 1P220-1270-XA | 1630 | .500 | 3.000 |
| .625 | 5/8 | .750 | .008 | 45° | .750 | 2 | 1P220-1588-XA | 1630 | .625 | 3.000 |
| .750 | 3/4 | 1.000 | .012 | 45° | 1.000 | 2 | 1P220-1905-XA | 1630 | .750 | 4.000 |
| 1.000 | 1 | 1.250 | .012 | 45° | 1.250 | 2 | 1P220-2540-XA | 1630 | 1.000 | 4.000 |



E3



E7



E45



E36



E58



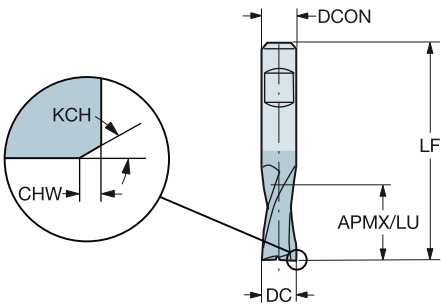
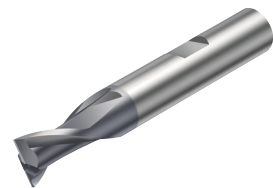
E50

A

CoroMill® Plura, węglkowy frez trzpieniowy do ciężkiej obróbki zgrubnej

Do różnych materiałów o twardości ≤ 48 HRC

FHA
BSG
TCDCON 30°
DIN 6527 K
h6



Wersja metryczna

| Wymiary, mm | | | | | | | | | |
|-------------|-------------------|------|------|-----|------|------|---------------|-------|-----------|
| DC | CZC _{MS} | APMX | CHW | KCH | LU | ZEFP | Oznaczenie | GRADE | DCON LF |
| 1.8 | 6 | 3.5 | | | 3.5 | 2 | 1P220-0180-XB | 1630 | 6.0 50.0 |
| 2.0 | 6 | 3.5 | | | 3.5 | 2 | 1P220-0200-XB | 1630 | 6.0 50.0 |
| 2.5 | 6 | 3.5 | 0.08 | 45° | 3.5 | 2 | 1P220-0250-XB | 1630 | 6.0 50.0 |
| 2.8 | 6 | 4.5 | 0.08 | 45° | 4.5 | 2 | 1P220-0280-XB | 1630 | 6.0 50.0 |
| 3.0 | 6 | 4.5 | 0.08 | 45° | 4.5 | 2 | 1P220-0300-XB | 1630 | 6.0 50.0 |
| 3.5 | 6 | 4.5 | 0.08 | 45° | 4.5 | 2 | 1P220-0350-XB | 1630 | 6.0 50.0 |
| 3.8 | 6 | 5.5 | 0.08 | 45° | 5.5 | 2 | 1P220-0380-XB | 1630 | 6.0 54.0 |
| 4.0 | 6 | 5.5 | 0.13 | 45° | 5.5 | 2 | 1P220-0400-XB | 1630 | 6.0 54.0 |
| 4.8 | 6 | 6.5 | 0.13 | 45° | 6.5 | 2 | 1P220-0480-XB | 1630 | 6.0 54.0 |
| 5.0 | 6 | 6.5 | 0.13 | 45° | 6.5 | 2 | 1P220-0500-XB | 1630 | 6.0 54.0 |
| 5.8 | 6 | 7.5 | 0.13 | 45° | 7.5 | 2 | 1P220-0575-XB | 1630 | 6.0 54.0 |
| 6.0 | 6 | 7.5 | 0.13 | 45° | 7.5 | 2 | 1P220-0600-XB | 1630 | 6.0 54.0 |
| 6.8 | 8 | 8.5 | 0.13 | 45° | 8.5 | 2 | 1P220-0675-XB | 1630 | 8.0 58.0 |
| 7.0 | 8 | 8.5 | 0.13 | 45° | 8.5 | 2 | 1P220-0700-XB | 1630 | 8.0 58.0 |
| 7.8 | 8 | 9.5 | 0.13 | 45° | 9.5 | 2 | 1P220-0775-XB | 1630 | 8.0 58.0 |
| 8.0 | 8 | 9.5 | 0.20 | 45° | 9.5 | 2 | 1P220-0800-XB | 1630 | 8.0 58.0 |
| 9.0 | 10 | 10.5 | 0.20 | 45° | 10.5 | 2 | 1P220-0900-XB | 1630 | 10.0 66.0 |
| 9.7 | 10 | 11.5 | 0.20 | 45° | 11.5 | 2 | 1P220-0970-XB | 1630 | 10.0 66.0 |
| 10.0 | 10 | 11.5 | 0.20 | 45° | 11.5 | 2 | 1P220-1000-XB | 1630 | 10.0 66.0 |
| 11.7 | 12 | 12.5 | 0.20 | 45° | 12.5 | 2 | 1P220-1170-XB | 1630 | 12.0 73.0 |
| 12.0 | 12 | 12.5 | 0.20 | 45° | 12.5 | 2 | 1P220-1200-XB | 1630 | 12.0 73.0 |
| 13.7 | 14 | 14.5 | 0.20 | 45° | 14.5 | 2 | 1P220-1370-XB | 1630 | 14.0 75.0 |
| 14.0 | 14 | 14.5 | 0.20 | 45° | 14.5 | 2 | 1P220-1400-XB | 1630 | 14.0 75.0 |
| 15.7 | 16 | 16.5 | 0.20 | 45° | 16.5 | 2 | 1P220-1570-XB | 1630 | 16.0 82.0 |
| 16.0 | 16 | 16.5 | 0.20 | 45° | 16.5 | 2 | 1P220-1600-XB | 1630 | 16.0 82.0 |
| 17.7 | 18 | 18.5 | 0.20 | 45° | 18.5 | 2 | 1P220-1770-XB | 1630 | 18.0 84.0 |
| 18.0 | 18 | 18.5 | 0.20 | 45° | 18.5 | 2 | 1P220-1800-XB | 1630 | 18.0 84.0 |
| 19.7 | 20 | 20.5 | 0.30 | 45° | 20.5 | 2 | 1P220-1970-XB | 1630 | 20.0 92.0 |
| 20.0 | 20 | 20.5 | 0.30 | 45° | 20.5 | 2 | 1P220-2000-XB | 1630 | 20.0 92.0 |

C

D

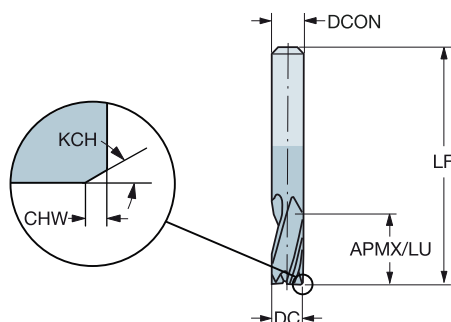
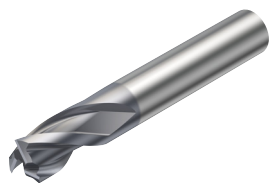
E



CoroMill® Plura, węglkowy frez trzpieniowy do ciężkiej obróbki zgrubnej

Do różnych materiałów o twardości ≤ 48 HRc

FHA 30°
BSG DIN 6527 K
TCDC e8
TCDCON h6



Wersja metryczna

| | | | | | | | Wymiary, mm | | |
|------|-------------------|------|------|-----|------|------|---------------|-------|-----------|
| DC | CZC _{MS} | APMX | CHW | KCH | LU | ZEFP | Oznaczenie | GRADE | DCON LF |
| 1.0 | 3 | 3.5 | | | 3.5 | 3 | 1P221-0100-XA | 1630 | 3.0 38.0 |
| 1.5 | 3 | 3.5 | | | 3.5 | 3 | 1P221-0150-XA | 1630 | 3.0 38.0 |
| 1.8 | 6 | 3.5 | | | 3.5 | 3 | 1P221-0180-XA | 1630 | 6.0 50.0 |
| 2.0 | 6 | 3.5 | | | 3.5 | 3 | 1P221-0200-XA | 1630 | 6.0 50.0 |
| 2.5 | 6 | 3.5 | 0.08 | 45° | 3.5 | 3 | 1P221-0250-XA | 1630 | 6.0 50.0 |
| 2.8 | 6 | 4.5 | 0.08 | 45° | 4.5 | 3 | 1P221-0280-XA | 1630 | 6.0 50.0 |
| 3.0 | 6 | 4.5 | 0.08 | 45° | 4.5 | 3 | 1P221-0300-XA | 1630 | 6.0 50.0 |
| 3.5 | 6 | 4.5 | 0.08 | 45° | 4.5 | 3 | 1P221-0350-XA | 1630 | 6.0 50.0 |
| 3.8 | 6 | 5.5 | 0.08 | 45° | 5.5 | 3 | 1P221-0380-XA | 1630 | 6.0 54.0 |
| 4.0 | 6 | 5.5 | 0.13 | 45° | 5.5 | 3 | 1P221-0400-XA | 1630 | 6.0 54.0 |
| 4.5 | 6 | 5.5 | 0.13 | 45° | 5.5 | 3 | 1P221-0450-XA | 1630 | 6.0 54.0 |
| 4.8 | 6 | 6.5 | 0.13 | 45° | 6.5 | 3 | 1P221-0480-XA | 1630 | 6.0 54.0 |
| 5.0 | 6 | 6.5 | 0.13 | 45° | 6.5 | 3 | 1P221-0500-XA | 1630 | 6.0 54.0 |
| 5.8 | 6 | 7.5 | 0.13 | 45° | 7.5 | 3 | 1P221-0575-XA | 1630 | 6.0 54.0 |
| 6.0 | 6 | 7.5 | 0.13 | 45° | 7.5 | 3 | 1P221-0600-XA | 1630 | 6.0 54.0 |
| 6.8 | 8 | 8.5 | 0.13 | 45° | 8.5 | 3 | 1P221-0675-XA | 1630 | 8.0 58.0 |
| 7.0 | 8 | 8.5 | 0.13 | 45° | 8.5 | 3 | 1P221-0700-XA | 1630 | 8.0 58.0 |
| 7.8 | 8 | 9.5 | 0.13 | 45° | 9.5 | 3 | 1P221-0775-XA | 1630 | 8.0 58.0 |
| 8.0 | 8 | 9.5 | 0.20 | 45° | 9.5 | 3 | 1P221-0800-XA | 1630 | 8.0 58.0 |
| 9.0 | 10 | 10.5 | 0.20 | 45° | 10.5 | 3 | 1P221-0900-XA | 1630 | 10.0 66.0 |
| 9.7 | 10 | 11.5 | 0.20 | 45° | 11.5 | 3 | 1P221-0970-XA | 1630 | 10.0 66.0 |
| 10.0 | 10 | 11.5 | 0.20 | 45° | 11.5 | 3 | 1P221-1000-XA | 1630 | 10.0 66.0 |
| 11.7 | 12 | 12.5 | 0.20 | 45° | 12.5 | 3 | 1P221-1170-XA | 1630 | 12.0 73.0 |
| 12.0 | 12 | 12.5 | 0.20 | 45° | 12.5 | 3 | 1P221-1200-XA | 1630 | 12.0 73.0 |
| 13.7 | 14 | 14.5 | 0.20 | 45° | 14.5 | 3 | 1P221-1370-XA | 1630 | 14.0 75.0 |
| 14.0 | 14 | 14.5 | 0.20 | 45° | 14.5 | 3 | 1P221-1400-XA | 1630 | 14.0 75.0 |
| 15.7 | 16 | 16.5 | 0.20 | 45° | 16.5 | 3 | 1P221-1570-XA | 1630 | 16.0 82.0 |
| 16.0 | 16 | 16.5 | 0.20 | 45° | 16.5 | 3 | 1P221-1600-XA | 1630 | 16.0 82.0 |
| 17.7 | 18 | 18.5 | 0.20 | 45° | 18.5 | 3 | 1P221-1770-XA | 1630 | 18.0 84.0 |
| 18.0 | 18 | 18.5 | 0.20 | 45° | 18.5 | 3 | 1P221-1800-XA | 1630 | 18.0 84.0 |
| 19.7 | 20 | 20.5 | 0.30 | 45° | 20.5 | 3 | 1P221-1970-XA | 1630 | 20.0 92.0 |
| 20.0 | 20 | 20.5 | 0.30 | 45° | 20.5 | 3 | 1P221-2000-XA | 1630 | 20.0 92.0 |



E3



E7



E45



E36



E58



E50

A

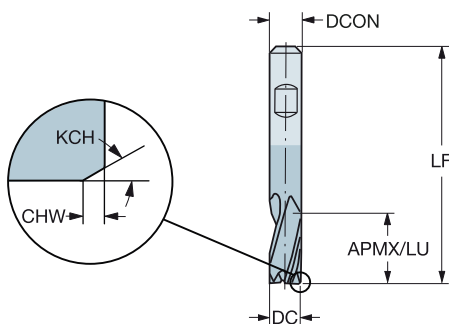
FREZOWANIE

CoroMill® Plura, węglkowy frez trzpieniowy do ciężkiej obróbki zgrubnej

Do różnych materiałów o twardości ≤ 48 HRc

FHA
BSG
TCDC
TCDCON

30°
DIN 6527 K
e8
h6



Wersja metryczna

| | | | | | | | Wymiary, mm | | |
|------|-------------------|------|------|-----|------|------|---------------|-------|-----------|
| DC | CZC _{MS} | APMX | CHW | KCH | LU | ZEFP | Oznaczenie | GRADE | DCON LF |
| 1.8 | 6 | 3.5 | | | 3.5 | 3 | 1P221-0180-XB | 1630 | 6.0 50.0 |
| 2.0 | 6 | 3.5 | | | 3.5 | 3 | 1P221-0200-XB | 1630 | 6.0 50.0 |
| 2.5 | 6 | 3.5 | 0.08 | 45° | 3.5 | 3 | 1P221-0250-XB | 1630 | 6.0 50.0 |
| 2.8 | 6 | 4.5 | 0.08 | 45° | 4.5 | 3 | 1P221-0280-XB | 1630 | 6.0 50.0 |
| 3.0 | 6 | 4.5 | 0.08 | 45° | 4.5 | 3 | 1P221-0300-XB | 1630 | 6.0 50.0 |
| 3.5 | 6 | 4.5 | 0.08 | 45° | 4.5 | 3 | 1P221-0350-XB | 1630 | 6.0 50.0 |
| 3.8 | 6 | 5.5 | 0.08 | 45° | 5.5 | 3 | 1P221-0380-XB | 1630 | 6.0 54.0 |
| 4.0 | 6 | 5.5 | 0.13 | 45° | 5.5 | 3 | 1P221-0400-XB | 1630 | 6.0 54.0 |
| 4.5 | 6 | 5.5 | 0.13 | 45° | 5.5 | 3 | 1P221-0450-XB | 1630 | 6.0 54.0 |
| 4.8 | 6 | 6.5 | 0.13 | 45° | 6.5 | 3 | 1P221-0480-XB | 1630 | 6.0 54.0 |
| 5.0 | 6 | 6.5 | 0.13 | 45° | 6.5 | 3 | 1P221-0500-XB | 1630 | 6.0 54.0 |
| 5.8 | 6 | 7.5 | 0.13 | 45° | 7.5 | 3 | 1P221-0575-XB | 1630 | 6.0 54.0 |
| 6.0 | 6 | 7.5 | 0.13 | 45° | 7.5 | 3 | 1P221-0600-XB | 1630 | 6.0 54.0 |
| 6.8 | 8 | 8.5 | 0.13 | 45° | 8.5 | 3 | 1P221-0675-XB | 1630 | 8.0 58.0 |
| 7.0 | 8 | 8.5 | 0.13 | 45° | 8.5 | 3 | 1P221-0700-XB | 1630 | 8.0 58.0 |
| 7.8 | 8 | 9.5 | 0.13 | 45° | 9.5 | 3 | 1P221-0775-XB | 1630 | 8.0 58.0 |
| 8.0 | 8 | 9.5 | 0.20 | 45° | 9.5 | 3 | 1P221-0800-XB | 1630 | 8.0 58.0 |
| 9.0 | 10 | 10.5 | 0.20 | 45° | 10.5 | 3 | 1P221-0900-XB | 1630 | 10.0 66.0 |
| 9.7 | 10 | 11.5 | 0.20 | 45° | 11.5 | 3 | 1P221-0970-XB | 1630 | 10.0 66.0 |
| 10.0 | 10 | 11.5 | 0.20 | 45° | 11.5 | 3 | 1P221-1000-XB | 1630 | 10.0 66.0 |
| 11.7 | 12 | 12.5 | 0.20 | 45° | 12.5 | 3 | 1P221-1170-XB | 1630 | 12.0 73.0 |
| 12.0 | 12 | 12.5 | 0.20 | 45° | 12.5 | 3 | 1P221-1200-XB | 1630 | 12.0 73.0 |
| 13.7 | 14 | 14.5 | 0.20 | 45° | 14.5 | 3 | 1P221-1370-XB | 1630 | 14.0 75.0 |
| 14.0 | 14 | 14.5 | 0.20 | 45° | 14.5 | 3 | 1P221-1400-XB | 1630 | 14.0 75.0 |
| 15.7 | 16 | 16.5 | 0.20 | 45° | 16.5 | 3 | 1P221-1570-XB | 1630 | 16.0 82.0 |
| 16.0 | 16 | 16.5 | 0.20 | 45° | 16.5 | 3 | 1P221-1600-XB | 1630 | 16.0 82.0 |
| 17.7 | 18 | 18.5 | 0.20 | 45° | 18.5 | 3 | 1P221-1770-XB | 1630 | 18.0 84.0 |
| 18.0 | 18 | 18.5 | 0.20 | 45° | 18.5 | 3 | 1P221-1800-XB | 1630 | 18.0 84.0 |
| 19.7 | 20 | 20.5 | 0.30 | 45° | 20.5 | 3 | 1P221-1970-XB | 1630 | 20.0 92.0 |
| 20.0 | 20 | 20.5 | 0.30 | 45° | 20.5 | 3 | 1P221-2000-XB | 1630 | 20.0 92.0 |

C

D

E



E3



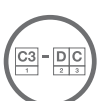
E7



E45



E36



E58



E50

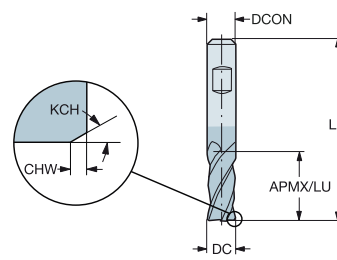
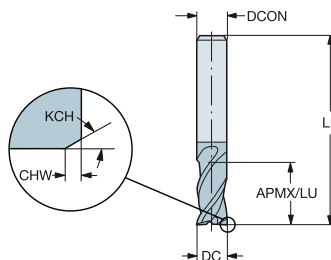
CoroMill® Plura, węglkowy frez trzpieniowy do ciężkiej obróbki zgrubnej

Do różnych materiałów o twardości $\leq 48 \text{ HRc}$

FHA
BSG
TCDC
TCDCON

1P222-XA
35°
DIN 6527 K
h10
h6

1P222-XB
35°
DIN 6527 K
h10
h6



P M K N S

Wersja metryczna

| | | | | | | | | | Wymiary, mm | |
|------|-------------------|------|------|-----|------|------|---------------|-------|-------------|-------|
| DC | CZC _{MS} | APMX | CHW | KCH | LU | ZEFP | Oznaczenie | GRADE | DCON | LF |
| 2.0 | 6 | 4.5 | | | 4.5 | 4 | 1P222-0200-XB | 1630 | 6.0 | 50.0 |
| | 6 | 4.5 | | | 4.5 | 4 | 1P222-0200-XA | 1630 | 6.0 | 50.0 |
| 3.0 | 6 | 5.5 | 0.08 | 45° | 5.0 | 4 | 1P222-0300-XB | 1630 | 6.0 | 50.0 |
| | 6 | 5.5 | 0.08 | 45° | 5.5 | 4 | 1P222-0300-XA | 1630 | 6.0 | 50.0 |
| 4.0 | 6 | 8.5 | 0.13 | 45° | 8.5 | 4 | 1P222-0400-XB | 1630 | 6.0 | 54.0 |
| | 6 | 8.5 | 0.13 | 45° | 8.5 | 4 | 1P222-0400-XA | 1630 | 6.0 | 54.0 |
| 5.0 | 6 | 9.5 | 0.13 | 45° | 9.5 | 4 | 1P222-0500-XB | 1630 | 6.0 | 54.0 |
| | 6 | 9.5 | 0.13 | 45° | 9.5 | 4 | 1P222-0500-XA | 1630 | 6.0 | 54.0 |
| 6.0 | 6 | 10.5 | 0.13 | 45° | 10.5 | 4 | 1P222-0600-XB | 1630 | 6.0 | 54.0 |
| | 6 | 10.5 | 0.13 | 45° | 10.5 | 4 | 1P222-0600-XA | 1630 | 6.0 | 54.0 |
| 7.0 | 8 | 11.5 | 0.13 | 45° | 11.5 | 4 | 1P222-0700-XB | 1630 | 8.0 | 58.0 |
| | 8 | 11.5 | 0.13 | 45° | 11.5 | 4 | 1P222-0700-XA | 1630 | 8.0 | 58.0 |
| 8.0 | 8 | 12.5 | 0.13 | 45° | 12.5 | 4 | 1P222-0800-XB | 1630 | 8.0 | 58.0 |
| | 8 | 12.5 | 0.13 | 45° | 12.5 | 4 | 1P222-0800-XA | 1630 | 8.0 | 58.0 |
| 10.0 | 10 | 14.5 | 0.20 | 45° | 14.5 | 4 | 1P222-1000-XB | 1630 | 10.0 | 66.0 |
| | 10 | 14.5 | 0.20 | 45° | 14.5 | 4 | 1P222-1000-XA | 1630 | 10.0 | 66.0 |
| 12.0 | 12 | 16.5 | 0.20 | 45° | 16.5 | 4 | 1P222-1200-XB | 1630 | 12.0 | 73.0 |
| | 12 | 16.5 | 0.20 | 45° | 16.5 | 4 | 1P222-1200-XA | 1630 | 12.0 | 73.0 |
| 16.0 | 16 | 22.5 | 0.20 | 45° | 22.5 | 4 | 1P222-1600-XB | 1630 | 16.0 | 82.0 |
| | 16 | 22.5 | 0.20 | 45° | 22.5 | 4 | 1P222-1600-XA | 1630 | 16.0 | 82.0 |
| 20.0 | 20 | 26.5 | 0.30 | 45° | 26.5 | 4 | 1P222-2000-XB | 1630 | 20.0 | 92.0 |
| | 20 | 26.5 | 0.30 | 45° | 26.5 | 4 | 1P222-2000-XA | 1630 | 20.0 | 92.0 |
| 25.0 | 25 | 32.5 | 0.30 | 45° | 32.5 | 4 | 1P222-2500-XB | 1630 | 25.0 | 121.0 |
| | 25 | 32.5 | 0.30 | 45° | 32.5 | 4 | 1P222-2500-XA | 1630 | 25.0 | 121.0 |

Wersja calowa

| Wymiary, cale | | | | | | | | | |
|---------------|-------------------|-------|------|-----|-------|------|---------------|-------|-------------|
| DC | CZC _{MS} | APMX | CHW | KCH | LU | ZEFP | Oznaczenie | GRADE | DCON LF |
| .125 | 1/8 | .219 | .003 | 45° | .219 | 4 | 1P222-0318-XA | 1630 | .125 1.500 |
| .188 | 3/16 | .375 | .005 | 45° | .375 | 4 | 1P222-0476-XA | 1630 | .187 2.000 |
| .250 | 1/4 | .437 | .005 | 45° | .437 | 4 | 1P222-0635-XA | 1630 | .250 2.000 |
| .375 | 3/8 | .625 | .008 | 45° | .625 | 4 | 1P222-0953-XA | 1630 | .375 2.500 |
| .500 | 1/2 | .875 | .008 | 45° | .875 | 4 | 1P222-1270-XA | 1630 | .500 3.000 |
| .625 | 5/8 | 1.063 | .008 | 45° | 1.063 | 4 | 1P222-1588-XA | 1630 | .625 3.500 |
| .750 | 3/4 | 1.250 | .010 | 45° | 1.250 | 4 | 1P222-1905-XA | 1630 | .750 4.000 |
| 1.000 | 1 | 1.687 | .012 | 45° | 1.687 | 4 | 1P222-2540-XA | 1630 | 1.000 5.000 |



E3



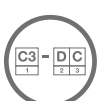
E7



E45



E36



E58

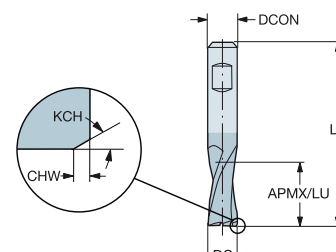
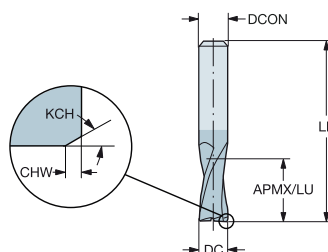
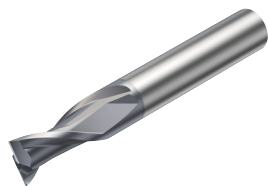


E50

A

FREZOWANIE

CoroMill® Plura, węglkowy frez trzpieniowy do ciężkiej obróbki zgrubnej

Do różnych materiałów o twardości ≤ 48 HRcFHA
BSG
TCDCON1P230-XA
30°
DIN 6527 L
h61P230-XB
30°
DIN 6527 L
h6

Wersja metryczna

| | | | | | | | Wymiary, mm | | |
|------|-------------------|------|------|-----|------|------|---------------|-------|------------|
| DC | CZC _{MS} | APMX | CHW | KCH | LU | ZEFP | Oznaczenie | GRADE | DCON LF |
| 1.0 | 3 | 4.5 | | | 4.5 | 2 | 1P230-0100-XA | 1630 | 3.0 38.0 |
| 1.5 | 3 | 4.5 | | | 4.5 | 2 | 1P230-0150-XA | 1630 | 3.0 38.0 |
| 2.0 | 6 | 6.5 | | | 6.5 | 2 | 1P230-0200-XB | 1630 | 6.0 57.0 |
| | 6 | 6.5 | | | 6.5 | 2 | 1P230-0200-XA | 1630 | 6.0 57.0 |
| 2.5 | 6 | 7.5 | 0.08 | 45° | 7.5 | 2 | 1P230-0250-XB | 1630 | 6.0 57.0 |
| | 6 | 7.5 | 0.08 | 45° | 7.5 | 2 | 1P230-0250-XA | 1630 | 6.0 57.0 |
| 3.0 | 6 | 7.5 | 0.08 | 45° | 7.5 | 2 | 1P230-0300-XB | 1630 | 6.0 57.0 |
| | 6 | 7.5 | 0.08 | 45° | 7.5 | 2 | 1P230-0300-XA | 1630 | 6.0 57.0 |
| 3.5 | 6 | 7.5 | 0.08 | 45° | 7.5 | 2 | 1P230-0350-XB | 1630 | 6.0 57.0 |
| | 6 | 7.5 | 0.08 | 45° | 7.5 | 2 | 1P230-0350-XA | 1630 | 6.0 57.0 |
| 4.0 | 6 | 8.5 | 0.13 | 45° | 8.5 | 2 | 1P230-0400-XB | 1630 | 6.0 57.0 |
| | 6 | 8.5 | 0.13 | 45° | 8.5 | 2 | 1P230-0400-XA | 1630 | 6.0 57.0 |
| 4.5 | 6 | 8.5 | 0.13 | 45° | 8.5 | 2 | 1P230-0450-XB | 1630 | 6.0 57.0 |
| | 6 | 8.5 | 0.13 | 45° | 8.5 | 2 | 1P230-0450-XA | 1630 | 6.0 57.0 |
| 5.0 | 6 | 10.5 | 0.13 | 45° | 10.5 | 2 | 1P230-0500-XB | 1630 | 6.0 57.0 |
| | 6 | 10.5 | 0.13 | 45° | 10.5 | 2 | 1P230-0500-XA | 1630 | 6.0 57.0 |
| 6.0 | 6 | 10.5 | 0.13 | 45° | 10.5 | 2 | 1P230-0600-XB | 1630 | 6.0 57.0 |
| | 6 | 10.5 | 0.13 | 45° | 10.5 | 2 | 1P230-0600-XA | 1630 | 6.0 57.0 |
| 7.0 | 8 | 13.5 | 0.13 | 45° | 13.5 | 2 | 1P230-0700-XB | 1630 | 8.0 63.0 |
| | 8 | 13.5 | 0.20 | 45° | 13.5 | 2 | 1P230-0700-XA | 1630 | 8.0 63.0 |
| 8.0 | 8 | 16.5 | 0.20 | 45° | 16.5 | 2 | 1P230-0800-XB | 1630 | 8.0 63.0 |
| | 8 | 16.5 | 0.20 | 45° | 16.5 | 2 | 1P230-0800-XA | 1630 | 8.0 63.0 |
| 9.0 | 10 | 16.5 | 0.20 | 45° | 16.5 | 2 | 1P230-0900-XB | 1630 | 10.0 72.0 |
| | 10 | 16.5 | 0.20 | 45° | 16.5 | 2 | 1P230-0900-XA | 1630 | 10.0 72.0 |
| 10.0 | 10 | 19.5 | 0.20 | 45° | 19.5 | 2 | 1P230-1000-XB | 1630 | 10.0 72.0 |
| | 10 | 19.5 | 0.20 | 45° | 19.5 | 2 | 1P230-1000-XA | 1630 | 10.0 72.0 |
| 11.0 | 12 | 22.5 | 0.20 | 45° | 22.5 | 2 | 1P230-1100-XB | 1630 | 12.0 83.0 |
| | 12 | 22.5 | 0.20 | 45° | 22.5 | 2 | 1P230-1100-XA | 1630 | 12.0 83.0 |
| 12.0 | 12 | 22.5 | 0.20 | 45° | 22.5 | 2 | 1P230-1200-XB | 1630 | 12.0 83.0 |
| | 12 | 22.5 | 0.20 | 45° | 22.5 | 2 | 1P230-1200-XA | 1630 | 12.0 83.0 |
| 14.0 | 14 | 22.5 | 0.20 | 45° | 22.5 | 2 | 1P230-1400-XB | 1630 | 14.0 83.0 |
| | 14 | 22.5 | 0.20 | 45° | 22.5 | 2 | 1P230-1400-XA | 1630 | 14.0 83.0 |
| 16.0 | 16 | 26.5 | 0.20 | 45° | 26.5 | 2 | 1P230-1600-XB | 1630 | 16.0 92.0 |
| | 16 | 26.5 | 0.20 | 45° | 26.5 | 2 | 1P230-1600-XA | 1630 | 16.0 92.0 |
| 18.0 | 18 | 26.5 | 0.20 | 45° | 26.5 | 2 | 1P230-1800-XB | 1630 | 18.0 92.0 |
| | 18 | 26.5 | 0.20 | 45° | 26.5 | 2 | 1P230-1800-XA | 1630 | 18.0 92.0 |
| 20.0 | 20 | 32.5 | 0.30 | 45° | 32.5 | 2 | 1P230-2000-XB | 1630 | 20.0 104.0 |
| | 20 | 32.5 | 0.30 | 45° | 32.5 | 2 | 1P230-2000-XA | 1630 | 20.0 104.0 |



E3



E7



E45



E36



E58

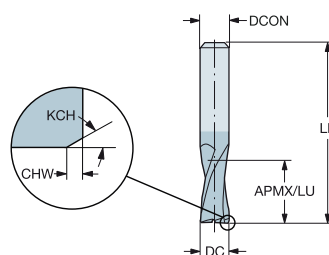
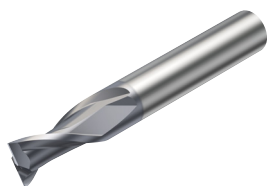


E50

CoroMill® Plura, węglkowy frez trzpieniowy do ciężkiej obróbki zgrubnej

Do różnych materiałów o twardości ≤ 48 HRc

FHA 30°
BSG DIN 6527 L
TCDCON h6



Wersja calowa

| Wymiary, cale | | | | | | | | | |
|---------------|-------------------|-------|------|-----|-------|------|---------------|-------|-------------|
| DC | CZC _{MS} | APMX | CHW | KCH | LU | ZEFP | Oznaczenie | GRADE | DCON LF |
| .125 | 1/8 | .313 | .003 | 45° | .313 | 2 | 1P230-0318-XA | 1630 | .125 1.500 |
| .188 | 3/16 | .406 | .005 | 45° | .406 | 2 | 1P230-0476-XA | 1630 | .187 2.000 |
| .250 | 1/4 | .453 | .005 | 45° | .453 | 2 | 1P230-0635-XA | 1630 | .250 2.500 |
| .375 | 3/8 | .687 | .008 | 45° | .687 | 2 | 1P230-0953-XA | 1630 | .375 2.500 |
| .500 | 1/2 | .937 | .008 | 45° | .937 | 2 | 1P230-1270-XA | 1630 | .500 3.000 |
| .625 | 5/8 | 1.125 | .008 | 45° | 1.125 | 2 | 1P230-1588-XA | 1630 | .625 3.500 |
| .750 | 3/4 | 1.219 | .012 | 45° | 1.219 | 2 | 1P230-1905-XA | 1630 | .750 4.000 |
| 1.000 | 1 | 1.625 | .012 | 45° | 1.625 | 2 | 1P230-2540-XA | 1630 | 1.000 5.000 |



E3



E7



E45



E36



E58

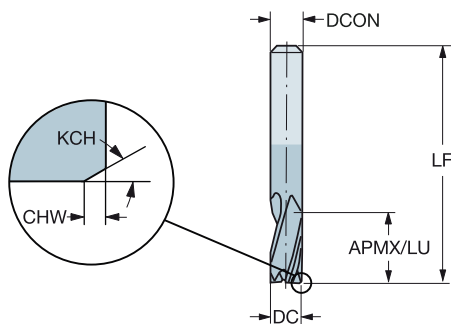
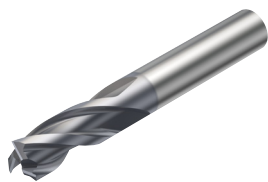


E50

A

FREZOWANIE

CoroMill® Plura, węglkowy frez trzpieniowy do ciężkiej obróbki zgrubnej

Do różnych materiałów o twardości ≤ 48 HRcFHA
BSG
TCDCON 30°
DIN 6527 L
h6

Wersja metryczna

| | | | | | | | | | Wymiary, mm | |
|------|-------------------|------|------|-----|------|------|---------------|-------|-------------|-------|
| DC | CZC _{MS} | APMX | CHW | KCH | LU | ZEFP | Oznaczenie | GRADE | DCON | LF |
| 1.0 | 3 | 4.5 | | | 4.5 | 3 | 1P231-0100-XA | 1630 | 3.0 | 38.0 |
| 1.5 | 3 | 4.5 | | | 4.5 | 3 | 1P231-0150-XA | 1630 | 3.0 | 38.0 |
| 2.0 | 6 | 6.5 | | | 6.5 | 3 | 1P231-0200-XA | 1630 | 6.0 | 57.0 |
| 2.5 | 6 | 7.5 | 0.08 | 45° | 7.5 | 3 | 1P231-0250-XA | 1630 | 6.0 | 57.0 |
| 3.0 | 6 | 7.5 | 0.08 | 45° | 7.5 | 3 | 1P231-0300-XA | 1630 | 6.0 | 57.0 |
| 3.5 | 6 | 7.5 | 0.08 | 45° | 7.5 | 3 | 1P231-0350-XA | 1630 | 6.0 | 57.0 |
| 4.0 | 6 | 8.5 | 0.13 | 45° | 8.5 | 3 | 1P231-0400-XA | 1630 | 6.0 | 57.0 |
| 4.5 | 6 | 8.5 | 0.13 | 45° | 8.5 | 3 | 1P231-0450-XA | 1630 | 6.0 | 57.0 |
| 5.0 | 6 | 10.5 | 0.13 | 45° | 10.5 | 3 | 1P231-0500-XA | 1630 | 6.0 | 57.0 |
| 5.5 | 6 | 10.5 | 0.13 | 45° | 10.5 | 3 | 1P231-0550-XA | 1630 | 6.0 | 57.0 |
| 6.0 | 6 | 10.5 | 0.13 | 45° | 10.5 | 3 | 1P231-0600-XA | 1630 | 6.0 | 57.0 |
| 6.5 | 8 | 13.5 | 0.13 | 45° | 13.5 | 3 | 1P231-0650-XA | 1630 | 8.0 | 63.0 |
| 7.0 | 8 | 13.5 | 0.13 | 45° | 13.5 | 3 | 1P231-0700-XA | 1630 | 8.0 | 63.0 |
| 7.5 | 8 | 16.5 | 0.13 | 45° | 16.5 | 3 | 1P231-0750-XA | 1630 | 8.0 | 63.0 |
| 8.0 | 8 | 16.5 | 0.20 | 45° | 16.5 | 3 | 1P231-0800-XA | 1630 | 8.0 | 63.0 |
| 9.0 | 10 | 16.5 | 0.20 | 45° | 16.5 | 3 | 1P231-0900-XA | 1630 | 10.0 | 72.0 |
| 10.0 | 10 | 19.5 | 0.20 | 45° | 19.5 | 3 | 1P231-1000-XA | 1630 | 10.0 | 72.0 |
| 11.0 | 12 | 22.5 | 0.20 | 45° | 22.5 | 3 | 1P231-1100-XA | 1630 | 12.0 | 83.0 |
| 12.0 | 12 | 22.5 | 0.20 | 45° | 22.5 | 3 | 1P231-1200-XA | 1630 | 12.0 | 83.0 |
| 13.0 | 14 | 22.5 | 0.20 | 45° | 22.5 | 3 | 1P231-1300-XA | 1630 | 14.0 | 83.0 |
| 14.0 | 14 | 22.5 | 0.20 | 45° | 22.5 | 3 | 1P231-1400-XA | 1630 | 14.0 | 83.0 |
| 15.0 | 16 | 26.5 | 0.20 | 45° | 26.5 | 3 | 1P231-1500-XA | 1630 | 16.0 | 92.0 |
| 16.0 | 16 | 26.5 | 0.20 | 45° | 26.5 | 3 | 1P231-1600-XA | 1630 | 16.0 | 92.0 |
| 18.0 | 18 | 26.5 | 0.20 | 45° | 26.5 | 3 | 1P231-1800-XA | 1630 | 18.0 | 92.0 |
| 20.0 | 20 | 32.5 | 0.30 | 45° | 32.5 | 3 | 1P231-2000-XA | 1630 | 20.0 | 104.0 |

Wersja calowa

| | | | | | | | | | Wymiary, cale | |
|-------|-------------------|-------|------|-----|-------|------|---------------|-------|---------------|-------|
| DC | CZC _{MS} | APMX | CHW | KCH | LU | ZEFP | Oznaczenie | GRADE | DCON | LF |
| .125 | 1/8 | .313 | .003 | 45° | .313 | 3 | 1P231-0318-XA | 1630 | .125 | 1.500 |
| .188 | 3/16 | .406 | .005 | 45° | .406 | 3 | 1P231-0476-XA | 1630 | .187 | 2.000 |
| .250 | 1/4 | .453 | .005 | 45° | .453 | 3 | 1P231-0635-XA | 1630 | .250 | 2.500 |
| .375 | 3/8 | .687 | .008 | 45° | .687 | 3 | 1P231-0953-XA | 1630 | .375 | 2.500 |
| .500 | 1/2 | .937 | .008 | 45° | .937 | 3 | 1P231-1270-XA | 1630 | .500 | 3.000 |
| .625 | 5/8 | 1.125 | .008 | 45° | 1.125 | 3 | 1P231-1588-XA | 1630 | .625 | 3.500 |
| .750 | 3/4 | 1.219 | .012 | 45° | 1.219 | 3 | 1P231-1905-XA | 1630 | .750 | 4.000 |
| 1.000 | 1 | 1.625 | .012 | 45° | 1.625 | 3 | 1P231-2540-XA | 1630 | 1.000 | 5.000 |



E3



E7



E45



E36



E58

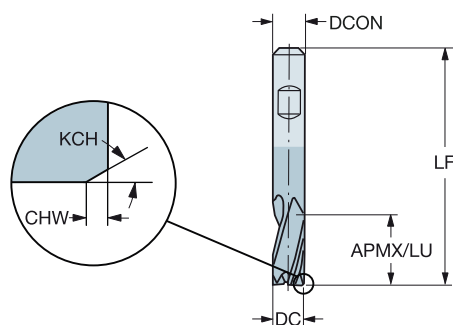


E50

CoroMill® Plura, węglkowy frez trzpieniowy do ciężkiej obróbki zgrubnej

Do różnych materiałów o twardości $\leq 48 \text{ HRc}$

FHA
BSG
TCDCON 30°
DIN 6527 L
h6



Wersja metryczna

| Wymiary, mm | | | | | | | | | |
|-------------|-------------------|------|------|-----|------|------|---------------|-------|------------|
| DC | CZC _{MS} | APMX | CHW | KCH | LU | ZEFP | Oznaczenie | GRADE | DCON LF |
| 4.5 | 6 | 8.5 | 0.13 | 45° | 8.5 | 3 | 1P231-0450-XB | 1630 | 6.0 57.0 |
| 5.0 | 6 | 10.5 | 0.13 | 45° | 10.5 | 3 | 1P231-0500-XB | 1630 | 6.0 57.0 |
| 5.5 | 6 | 10.5 | 0.13 | 45° | 10.5 | 3 | 1P231-0550-XB | 1630 | 6.0 57.0 |
| 6.0 | 6 | 10.5 | 0.13 | 45° | 10.5 | 3 | 1P231-0600-XB | 1630 | 6.0 57.0 |
| 6.5 | 8 | 13.5 | 0.13 | 45° | 13.5 | 3 | 1P231-0650-XB | 1630 | 8.0 63.0 |
| 7.0 | 8 | 13.5 | 0.13 | 45° | 13.5 | 3 | 1P231-0700-XB | 1630 | 8.0 63.0 |
| 7.5 | 8 | 16.5 | 0.13 | 45° | 16.5 | 3 | 1P231-0750-XB | 1630 | 8.0 63.0 |
| 8.0 | 8 | 16.5 | 0.20 | 45° | 16.5 | 3 | 1P231-0800-XB | 1630 | 8.0 63.0 |
| 9.0 | 10 | 16.5 | 0.20 | 45° | 16.5 | 3 | 1P231-0900-XB | 1630 | 10.0 72.0 |
| 10.0 | 10 | 19.5 | 0.20 | 45° | 19.5 | 3 | 1P231-1000-XB | 1630 | 10.0 72.0 |
| 11.0 | 12 | 22.5 | 0.20 | 45° | 22.5 | 3 | 1P231-1100-XB | 1630 | 12.0 83.0 |
| 12.0 | 12 | 22.5 | 0.20 | 45° | 22.5 | 3 | 1P231-1200-XB | 1630 | 12.0 83.0 |
| 13.0 | 14 | 22.5 | 0.20 | 45° | 22.5 | 3 | 1P231-1300-XB | 1630 | 14.0 83.0 |
| 14.0 | 14 | 22.5 | 0.20 | 45° | 22.5 | 3 | 1P231-1400-XB | 1630 | 14.0 83.0 |
| 15.0 | 16 | 26.5 | 0.20 | 45° | 26.5 | 3 | 1P231-1500-XB | 1630 | 16.0 92.0 |
| 16.0 | 16 | 26.5 | 0.20 | 45° | 26.5 | 3 | 1P231-1600-XB | 1630 | 16.0 92.0 |
| 18.0 | 18 | 26.5 | 0.20 | 45° | 26.5 | 3 | 1P231-1800-XB | 1630 | 18.0 92.0 |
| 20.0 | 20 | 32.5 | 0.30 | 45° | 32.5 | 3 | 1P231-2000-XB | 1630 | 20.0 104.0 |



E3



E7



E45



E36



E58



E50

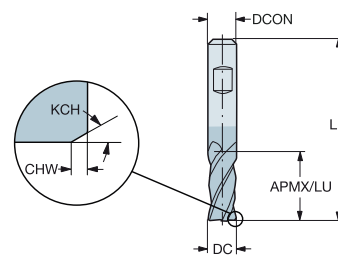
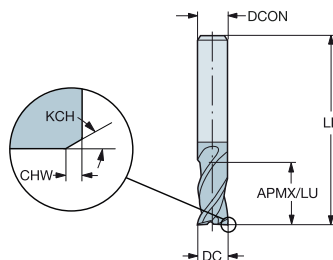
CoroMill® Plura, węglkowy frez trzpieniowy do ciężkiej obróbki zgrubnej

Do różnych materiałów o twardości ≤ 48 HRC

FHA
BSG
TCDC
TCDCON

1P240-XA
35°
DIN 6527 L
h10
h6

1P240-XB
35°
DIN 6527 L
h10
h6



Wersja metryczna

| | | | | | | | Wymiary, mm | | |
|------|-------------------|------|------|-----|------|------|---------------|-------|------------|
| DC | CZC _{MS} | APMX | CHW | KCH | LU | ZEFP | Oznaczenie | GRADE | DCON LF |
| 2.0 | 6 | 7.5 | | | 7.5 | 4 | 1P240-0200-XA | 1630 | 6.0 57.0 |
| 3.0 | 6 | 8.5 | 0.08 | 45° | 8.5 | 4 | 1P240-0300-XA | 1630 | 6.0 57.0 |
| 3.5 | 6 | 10.5 | 0.08 | 45° | 10.5 | 4 | 1P240-0350-XA | 1630 | 6.0 57.0 |
| 4.0 | 6 | 11.5 | 0.13 | 45° | 11.5 | 4 | 1P240-0400-XB | 1630 | 6.0 57.0 |
| | 6 | 11.5 | 0.13 | 45° | 11.5 | 4 | 1P240-0400-XA | 1630 | 6.0 57.0 |
| 4.5 | 6 | 11.5 | 0.13 | 45° | 11.5 | 4 | 1P240-0450-XB | 1630 | 6.0 57.0 |
| | 6 | 11.5 | 0.13 | 45° | 11.5 | 4 | 1P240-0450-XA | 1630 | 6.0 57.0 |
| 5.0 | 6 | 13.5 | 0.13 | 45° | 13.5 | 4 | 1P240-0500-XB | 1630 | 6.0 57.0 |
| | 6 | 13.5 | 0.13 | 45° | 13.5 | 4 | 1P240-0500-XA | 1630 | 6.0 57.0 |
| 5.5 | 6 | 13.5 | 0.13 | 45° | 13.5 | 4 | 1P240-0550-XB | 1630 | 6.0 57.0 |
| | 6 | 13.5 | 0.13 | 45° | 13.5 | 4 | 1P240-0550-XA | 1630 | 6.0 57.0 |
| 6.0 | 6 | 13.5 | 0.13 | 45° | 13.5 | 4 | 1P240-0600-XB | 1630 | 6.0 57.0 |
| | 6 | 13.5 | 0.13 | 45° | 13.5 | 4 | 1P240-0600-XA | 1630 | 6.0 57.0 |
| 6.5 | 8 | 16.5 | 0.13 | 45° | 16.5 | 4 | 1P240-0650-XA | 1630 | 8.0 63.0 |
| 7.0 | 8 | 16.5 | 0.13 | 45° | 16.5 | 4 | 1P240-0700-XB | 1630 | 8.0 63.0 |
| | 8 | 16.5 | 0.13 | 45° | 16.5 | 4 | 1P240-0700-XA | 1630 | 8.0 63.0 |
| 8.0 | 8 | 19.5 | 0.13 | 45° | 19.5 | 4 | 1P240-0800-XB | 1630 | 8.0 63.0 |
| | 8 | 19.5 | 0.13 | 45° | 19.5 | 4 | 1P240-0800-XA | 1630 | 8.0 63.0 |
| 9.0 | 10 | 19.5 | 0.13 | 45° | 19.5 | 4 | 1P240-0900-XB | 1630 | 10.0 72.0 |
| | 10 | 19.5 | 0.13 | 45° | 19.5 | 4 | 1P240-0900-XA | 1630 | 10.0 72.0 |
| 10.0 | 10 | 22.5 | 0.20 | 45° | 22.5 | 4 | 1P240-1000-XB | 1630 | 10.0 72.0 |
| | 10 | 22.5 | 0.20 | 45° | 22.5 | 4 | 1P240-1000-XA | 1630 | 10.0 72.0 |
| 12.0 | 12 | 26.5 | 0.20 | 45° | 26.5 | 4 | 1P240-1200-XB | 1630 | 12.0 83.0 |
| | 12 | 26.5 | 0.20 | 45° | 26.5 | 4 | 1P240-1200-XA | 1630 | 12.0 83.0 |
| 14.0 | 14 | 26.5 | 0.20 | 45° | 26.5 | 4 | 1P240-1400-XB | 1630 | 14.0 83.0 |
| | 14 | 26.5 | 0.20 | 45° | 26.5 | 4 | 1P240-1400-XA | 1630 | 14.0 83.0 |
| 16.0 | 16 | 32.5 | 0.20 | 45° | 32.5 | 4 | 1P240-1600-XB | 1630 | 16.0 92.0 |
| | 16 | 32.5 | 0.20 | 45° | 32.5 | 4 | 1P240-1600-XA | 1630 | 16.0 92.0 |
| 18.0 | 18 | 32.5 | 0.20 | 45° | 32.5 | 4 | 1P240-1800-XB | 1630 | 18.0 92.0 |
| | 18 | 32.5 | 0.20 | 45° | 32.5 | 4 | 1P240-1800-XA | 1630 | 18.0 92.0 |
| 20.0 | 20 | 38.5 | 0.30 | 45° | 38.5 | 4 | 1P240-2000-XB | 1630 | 20.0 104.0 |
| | 20 | 38.5 | 0.30 | 45° | 38.5 | 4 | 1P240-2000-XA | 1630 | 20.0 104.0 |
| 25.0 | 25 | 45.5 | 0.30 | 45° | 45.5 | 4 | 1P240-2500-XB | 1630 | 25.0 121.0 |
| | 25 | 45.5 | 0.30 | 45° | 45.5 | 4 | 1P240-2500-XA | 1630 | 25.0 121.0 |

Wersja calowa

| | | | | | | | Wymiary, cale | | |
|-------|-------------------|-------|------|-----|-------|------|---------------|-------|-------------|
| DC | CZC _{MS} | APMX | CHW | KCH | LU | ZEFP | Oznaczenie | GRADE | DCON LF |
| .125 | 1/8 | .359 | .003 | 45° | .359 | 4 | 1P240-0318-XA | 1630 | .125 1.500 |
| .188 | 3/16 | .547 | .005 | 45° | .547 | 4 | 1P240-0476-XA | 1630 | .187 2.000 |
| .250 | 1/4 | .562 | .005 | 45° | .562 | 4 | 1P240-0635-XA | 1630 | .250 2.500 |
| .375 | 3/8 | .844 | .008 | 45° | .844 | 4 | 1P240-0953-XA | 1630 | .375 3.000 |
| .500 | 1/2 | 1.125 | .008 | 45° | 1.125 | 4 | 1P240-1270-XA | 1630 | .500 3.500 |
| .625 | 5/8 | 1.313 | .008 | 45° | 1.313 | 4 | 1P240-1588-XA | 1630 | .625 4.000 |
| .750 | 3/4 | 1.437 | .012 | 45° | 1.437 | 4 | 1P240-1905-XA | 1630 | .750 4.000 |
| 1.000 | 1 | 1.828 | .012 | 45° | 1.828 | 4 | 1P240-2540-XA | 1630 | 1.000 5.000 |



E3



E7



E45



E36



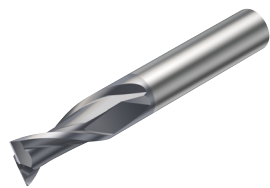
E58



E50

CoroMill® Plura, węglkowy frez trzpieniowy do ciężkiej obróbki zgrubnej

Do różnych materiałów o twardości ≤ 48 HRc



Wersja metryczna

| | | | | | | | | | | Wymiary, mm | |
|------|-------------------|------|------|-----|------|------|---------------|-------|--|-------------|-------|
| DC | CZC _{MS} | APMX | CHW | KCH | LU | ZEFP | Oznaczenie | GRADE | | DCON | LF |
| 2.0 | 6 | 8.5 | | | 8.5 | 2 | 1P250-0200-XA | 1630 | | 6.0 | 57.0 |
| 2.5 | 6 | 12.5 | 0.08 | 45° | 12.5 | 2 | 1P250-0250-XA | 1630 | | 6.0 | 57.0 |
| 3.0 | 6 | 12.5 | 0.08 | 45° | 12.5 | 2 | 1P250-0300-XA | 1630 | | 6.0 | 57.0 |
| 4.0 | 6 | 14.5 | 0.13 | 45° | 14.5 | 2 | 1P250-0400-XB | 1630 | | 6.0 | 57.0 |
| | 6 | 14.5 | 0.13 | 45° | 14.5 | 2 | 1P250-0400-XA | 1630 | | 6.0 | 57.0 |
| 5.0 | 6 | 16.5 | 0.13 | 45° | 16.5 | 2 | 1P250-0500-XB | 1630 | | 6.0 | 57.0 |
| | 6 | 16.5 | 0.13 | 45° | 16.5 | 2 | 1P250-0500-XA | 1630 | | 6.0 | 57.0 |
| 6.0 | 6 | 19.5 | 0.13 | 45° | 19.5 | 2 | 1P250-0600-XB | 1630 | | 6.0 | 57.0 |
| | 6 | 19.5 | 0.13 | 45° | 19.5 | 2 | 1P250-0600-XA | 1630 | | 6.0 | 57.0 |
| 7.0 | 8 | 19.5 | 0.13 | 45° | 19.5 | 2 | 1P250-0700-XA | 1630 | | 8.0 | 63.0 |
| 8.0 | 8 | 19.5 | 0.20 | 45° | 19.5 | 2 | 1P250-0800-XB | 1630 | | 8.0 | 63.0 |
| | 8 | 19.5 | 0.20 | 45° | 19.5 | 2 | 1P250-0800-XA | 1630 | | 8.0 | 63.0 |
| 9.0 | 10 | 21.5 | 0.20 | 45° | 21.5 | 2 | 1P250-0900-XB | 1630 | | 10.0 | 72.0 |
| | 10 | 21.5 | 0.20 | 45° | 21.5 | 2 | 1P250-0900-XA | 1630 | | 10.0 | 72.0 |
| 10.0 | 10 | 22.5 | 0.20 | 45° | 22.5 | 2 | 1P250-1000-XB | 1630 | | 10.0 | 72.0 |
| | 10 | 22.5 | 0.20 | 45° | 22.5 | 2 | 1P250-1000-XA | 1630 | | 10.0 | 72.0 |
| 12.0 | 12 | 25.5 | 0.20 | 45° | 25.5 | 2 | 1P250-1200-XB | 1630 | | 12.0 | 83.0 |
| | 12 | 25.5 | 0.20 | 45° | 25.5 | 2 | 1P250-1200-XA | 1630 | | 12.0 | 83.0 |
| 14.0 | 14 | 30.5 | 0.20 | 45° | 30.5 | 2 | 1P250-1400-XA | 1630 | | 14.0 | 83.0 |
| 16.0 | 16 | 32.5 | 0.20 | 45° | 32.5 | 2 | 1P250-1600-XB | 1630 | | 16.0 | 92.0 |
| | 16 | 32.5 | 0.20 | 45° | 32.5 | 2 | 1P250-1600-XA | 1630 | | 16.0 | 92.0 |
| 18.0 | 18 | 32.5 | 0.20 | 45° | 32.5 | 2 | 1P250-1800-XB | 1630 | | 18.0 | 92.0 |
| | 18 | 32.5 | 0.20 | 45° | 32.5 | 2 | 1P250-1800-XA | 1630 | | 18.0 | 92.0 |
| 20.0 | 20 | 38.5 | 0.30 | 45° | 38.5 | 2 | 1P250-2000-XB | 1630 | | 20.0 | 104.0 |
| | 20 | 38.5 | 0.30 | 45° | 38.5 | 2 | 1P250-2000-XA | 1630 | | 20.0 | 104.0 |

Wersja calowa

| | | | | | | | | | | Wymiary, cale | |
|-------|-------------------|-------|------|-----|-------|------|---------------|-------|--|---------------|-------|
| DC | CZC _{MS} | APMX | CHW | KCH | LU | ZEFP | Oznaczenie | GRADE | | DCON | LF |
| .125 | 1/8 | .359 | .003 | 45° | .359 | 2 | 1P250-0318-XA | 1630 | | .125 | 1.500 |
| .188 | 3/16 | .687 | .005 | 45° | .687 | 2 | 1P250-0476-XA | 1630 | | .187 | 2.000 |
| .250 | 1/4 | .813 | .005 | 45° | .813 | 2 | 1P250-0635-XA | 1630 | | .250 | 2.500 |
| .375 | 3/8 | .875 | .008 | 45° | .875 | 2 | 1P250-0953-XA | 1630 | | .375 | 3.000 |
| .500 | 1/2 | 1.188 | .008 | 45° | 1.188 | 2 | 1P250-1270-XA | 1630 | | .500 | 3.500 |
| .625 | 5/8 | 1.484 | .008 | 45° | 1.484 | 2 | 1P250-1588-XA | 1630 | | .625 | 4.000 |
| .750 | 3/4 | 1.687 | .012 | 45° | 1.687 | 2 | 1P250-1905-XA | 1630 | | .750 | 4.000 |
| 1.000 | 1 | 2.250 | .012 | 45° | 2.250 | 2 | 1P250-2540-XA | 1630 | | 1.000 | 5.000 |



E3



E7



E45



E36



E58



E50

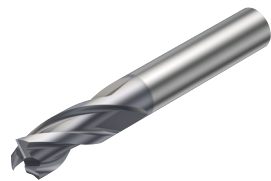
A

CoroMill® Plura, węglkowy frez trzpieniowy do ciężkiej obróbki zgrubnej

Do różnych materiałów o twardości ≤ 48 HRC

Pol

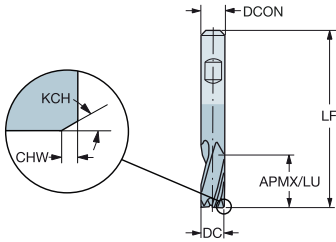
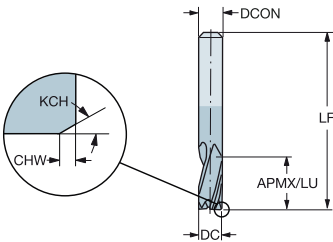
B



FHA
BSG
TCDCON

1P251-XA
30°
COROMANT
h6

1P251-XB
30°
COROMANT
h6



Wersja metryczna

C

| | | | | | | | | | Wymiary, mm | |
|------|-------------------|------|------|-----|------|------|---------------|-------|-------------|-------|
| DC | CZC _{MS} | APMX | CHW | KCH | LU | ZEFP | Oznaczenie | GRADE | DCON | LF |
| 2.0 | 6 | 8.5 | | | 8.5 | 3 | 1P251-0200-XA | 1630 | 6.0 | 57.0 |
| 2.5 | 6 | 12.5 | 0.08 | 45° | 12.5 | 3 | 1P251-0250-XA | 1630 | 6.0 | 57.0 |
| 3.0 | 6 | 12.5 | 0.08 | 45° | 12.5 | 3 | 1P251-0300-XA | 1630 | 6.0 | 57.0 |
| 4.0 | 6 | 14.5 | 0.13 | 45° | 14.5 | 3 | 1P251-0400-XB | 1630 | 6.0 | 57.0 |
| | 6 | 14.5 | 0.13 | 45° | 14.5 | 3 | 1P251-0400-XA | 1630 | 6.0 | 57.0 |
| 5.0 | 6 | 16.5 | 0.13 | 45° | 16.5 | 3 | 1P251-0500-XB | 1630 | 6.0 | 57.0 |
| | 6 | 16.5 | 0.13 | 45° | 16.5 | 3 | 1P251-0500-XA | 1630 | 6.0 | 57.0 |
| 6.0 | 6 | 19.5 | 0.13 | 45° | 19.5 | 3 | 1P251-0600-XB | 1630 | 6.0 | 57.0 |
| | 6 | 19.5 | 0.13 | 45° | 19.5 | 3 | 1P251-0600-XA | 1630 | 6.0 | 57.0 |
| 7.0 | 8 | 19.5 | 0.13 | 45° | 19.5 | 3 | 1P251-0700-XA | 1630 | 8.0 | 63.0 |
| 8.0 | 8 | 19.5 | 0.20 | 45° | 19.5 | 3 | 1P251-0800-XB | 1630 | 8.0 | 63.0 |
| | 8 | 19.5 | 0.20 | 45° | 19.5 | 3 | 1P251-0800-XA | 1630 | 8.0 | 63.0 |
| 9.0 | 10 | 21.5 | 0.20 | 45° | 21.5 | 3 | 1P251-0900-XB | 1630 | 10.0 | 72.0 |
| | 10 | 21.5 | 0.20 | 45° | 21.5 | 3 | 1P251-0900-XA | 1630 | 10.0 | 72.0 |
| 10.0 | 10 | 22.5 | 0.20 | 45° | 22.5 | 3 | 1P251-1000-XB | 1630 | 10.0 | 72.0 |
| | 10 | 22.5 | 0.20 | 45° | 22.5 | 3 | 1P251-1000-XA | 1630 | 10.0 | 72.0 |
| 12.0 | 12 | 25.5 | 0.20 | 45° | 25.5 | 3 | 1P251-1200-XB | 1630 | 12.0 | 83.0 |
| | 12 | 25.5 | 0.20 | 45° | 25.5 | 3 | 1P251-1200-XA | 1630 | 12.0 | 83.0 |
| 14.0 | 14 | 30.5 | 0.20 | 45° | 30.5 | 3 | 1P251-1400-XA | 1630 | 14.0 | 83.0 |
| 16.0 | 16 | 32.5 | 0.20 | 45° | 32.5 | 3 | 1P251-1600-XB | 1630 | 16.0 | 92.0 |
| | 16 | 32.5 | 0.20 | 45° | 32.5 | 3 | 1P251-1600-XA | 1630 | 16.0 | 92.0 |
| 18.0 | 18 | 32.5 | 0.20 | 45° | 32.5 | 3 | 1P251-1800-XB | 1630 | 18.0 | 92.0 |
| | 18 | 32.5 | 0.20 | 45° | 32.5 | 3 | 1P251-1800-XA | 1630 | 18.0 | 92.0 |
| 20.0 | 20 | 38.5 | 0.30 | 45° | 38.5 | 3 | 1P251-2000-XB | 1630 | 20.0 | 104.0 |
| | 20 | 38.5 | 0.30 | 45° | 38.5 | 3 | 1P251-2000-XA | 1630 | 20.0 | 104.0 |

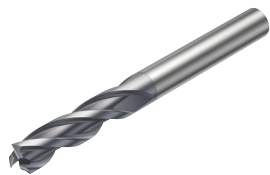
D

E



CoroMill® Plura, węglkowy frez trzpieniowy do ciężkiej obróbki zgrubnej

Do różnych materiałów o twardości ≤ 48 HRc

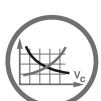


Wersja metryczna

| | | | | | | | Wymiary, mm | | |
|------|-------------------|------|------|-----|------|------|---------------|-------|------------|
| DC | CZC _{MS} | APMX | CHW | KCH | LU | ZEFP | Oznaczenie | GRADE | DCON LF |
| 1.0 | 3 | 4.0 | | | 4.0 | 3 | 1P260-0100-XA | 1620 | 3.0 38.0 |
| 1.5 | 3 | 6.0 | | | 6.0 | 3 | 1P260-0150-XA | 1620 | 3.0 38.0 |
| 2.0 | 3 | 8.0 | | | 8.0 | 3 | 1P260-0200-XA | 1620 | 3.0 38.0 |
| 3.0 | 3 | 12.0 | | | 12.0 | 3 | 1P260-0300-XA | 1620 | 3.0 38.0 |
| 4.0 | 4 | 14.0 | | | 14.0 | 3 | 1P260-0400-XA | 1620 | 4.0 50.0 |
| 5.0 | 6 | 16.0 | | | 16.0 | 3 | 1P260-0500-XB | 1620 | 6.0 57.0 |
| | 6 | 16.0 | | | 16.0 | 3 | 1P260-0500-XA | 1620 | 6.0 57.0 |
| 6.0 | 6 | 22.0 | | | 22.0 | 3 | 1P260-0600-XB | 1620 | 6.0 65.0 |
| | 6 | 22.0 | | | 22.0 | 3 | 1P260-0600-XA | 1620 | 6.0 65.0 |
| 8.0 | 8 | 28.0 | | | 28.0 | 3 | 1P260-0800-XB | 1620 | 8.0 80.0 |
| | 8 | 28.0 | | | 28.0 | 3 | 1P260-0800-XA | 1620 | 8.0 80.0 |
| 10.0 | 10 | 32.0 | 0.10 | 45° | 32.0 | 3 | 1P260-1000-XB | 1620 | 10.0 100.0 |
| | 10 | 32.0 | 0.10 | 45° | 32.0 | 3 | 1P260-1000-XA | 1620 | 10.0 100.0 |
| 12.0 | 12 | 38.0 | 0.10 | 45° | 38.0 | 3 | 1P260-1200-XB | 1620 | 12.0 100.0 |
| | 12 | 38.0 | 0.10 | 45° | 38.0 | 3 | 1P260-1200-XA | 1620 | 12.0 100.0 |
| 16.0 | 16 | 50.0 | 0.15 | 45° | 50.0 | 3 | 1P260-1600-XB | 1620 | 16.0 115.0 |
| | 16 | 50.0 | 0.15 | 45° | 50.0 | 3 | 1P260-1600-XA | 1620 | 16.0 115.0 |
| 20.0 | 20 | 50.0 | 0.15 | 45° | 50.0 | 3 | 1P260-2000-XB | 1620 | 20.0 125.0 |
| | 20 | 50.0 | 0.15 | 45° | 50.0 | 3 | 1P260-2000-XA | 1620 | 20.0 125.0 |

Wersja calowa

| | | | | | | | Wymiary, cale | | |
|-------|-------------------|-------|------|-----|-------|------|---------------|-------|-------------|
| DC | CZC _{MS} | APMX | CHW | KCH | LU | ZEFP | Oznaczenie | GRADE | DCON LF |
| .125 | 1/8 | .500 | | | .500 | 3 | 1P260-0318-XA | 1620 | .125 2.000 |
| .188 | 3/16 | .625 | | | .625 | 3 | 1P260-0476-XA | 1620 | .187 2.000 |
| .250 | 1/4 | .937 | | | .937 | 3 | 1P260-0635-XA | 1620 | .250 2.500 |
| .375 | 3/8 | 1.219 | .004 | 45° | 1.219 | 3 | 1P260-0953-XA | 1620 | .375 3.000 |
| .500 | 1/2 | 1.594 | .004 | 45° | 1.594 | 3 | 1P260-1270-XA | 1620 | .500 3.500 |
| .625 | 5/8 | 1.938 | .006 | 45° | 1.938 | 3 | 1P260-1588-XA | 1620 | .625 4.000 |
| .750 | 3/4 | 2.313 | .006 | 45° | 2.313 | 3 | 1P260-1905-XA | 1620 | .750 5.000 |
| 1.000 | 1 | 2.500 | .010 | 45° | 2.500 | 3 | 1P260-2540-XA | 1620 | 1.000 6.000 |



E3



E7



E45



E36

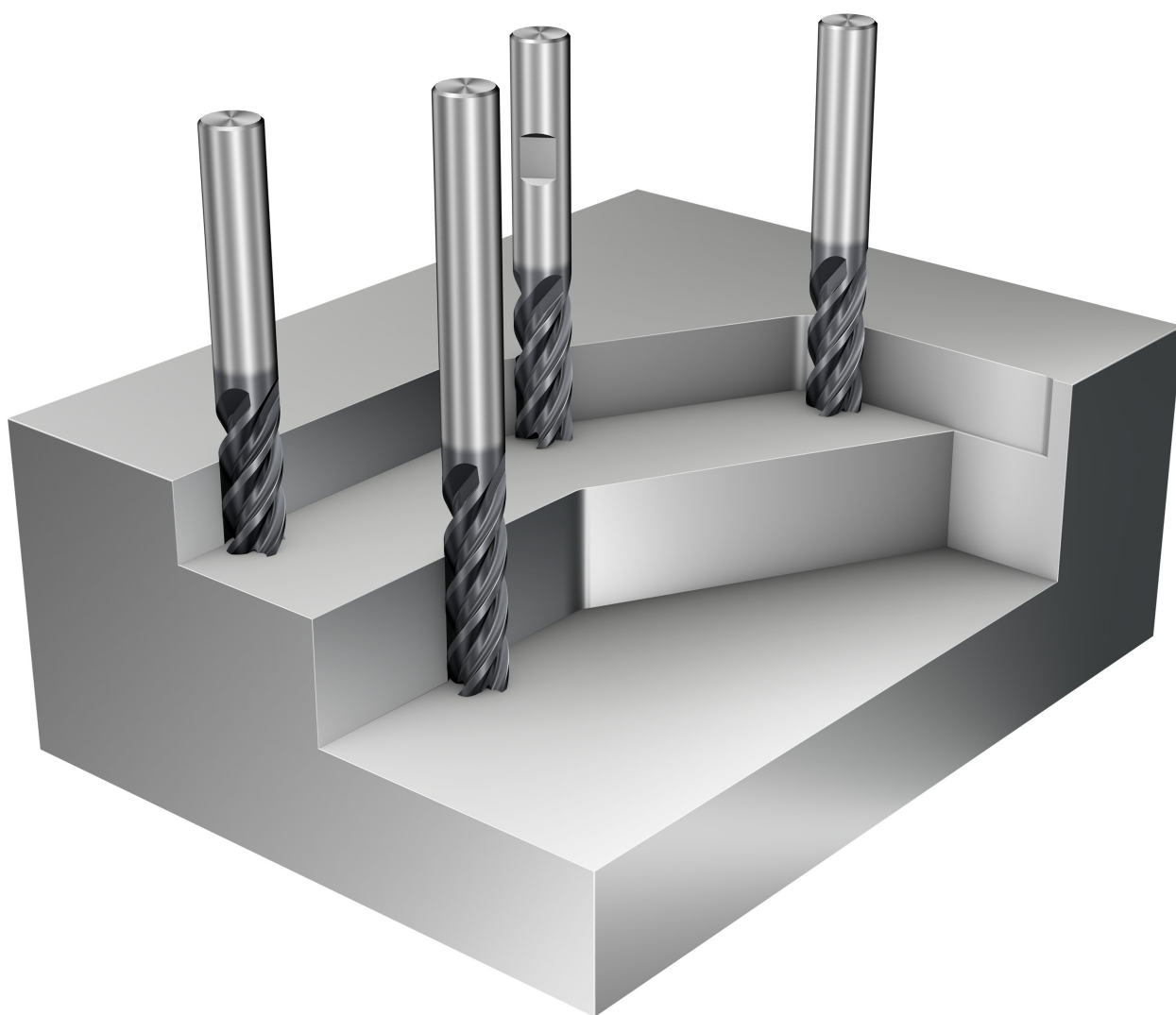


E58



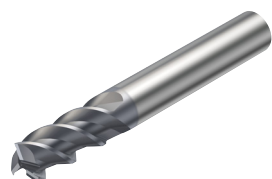
E50

CoroMill® Plura, węglkowy frez trzpieniowy do obróbki średnio-zgrubnej



CoroMill® Plura, węglkowy frez trzpieniowy do obróbki średnio-zgrubnej

Do różnych materiałów o twardości ≤ 48 HRc



Wersja metryczna

| | | | | | | | | | | Wymiary, mm | |
|------|-------------------|------|------|-----|------|------|---------------|-------|--|-------------|-------|
| DC | CZC _{MS} | APMX | CHW | KCH | LU | ZEFP | Oznaczenie | GRADE | | DCON | LF |
| 2.0 | 6 | 6.0 | | | 6.0 | 3 | 1P330-0200-XB | 1620 | | 6.0 | 57.0 |
| | 6 | 6.0 | | | 6.0 | 3 | 1P330-0200-XA | 1620 | | 6.0 | 57.0 |
| 3.0 | 6 | 7.0 | | | 7.0 | 3 | 1P330-0300-XB | 1620 | | 6.0 | 57.0 |
| | 6 | 7.0 | | | 7.0 | 3 | 1P330-0300-XA | 1620 | | 6.0 | 57.0 |
| 4.0 | 6 | 8.0 | 0.10 | 45° | 8.0 | 3 | 1P330-0400-XB | 1620 | | 6.0 | 57.0 |
| | 6 | 8.0 | 0.10 | 45° | 8.0 | 3 | 1P330-0400-XA | 1620 | | 6.0 | 57.0 |
| 5.0 | 6 | 10.0 | 0.10 | 45° | 10.0 | 3 | 1P330-0500-XB | 1620 | | 6.0 | 57.0 |
| | 6 | 10.0 | 0.10 | 45° | 10.0 | 3 | 1P330-0500-XA | 1620 | | 6.0 | 57.0 |
| 6.0 | 6 | 10.0 | 0.10 | 45° | 10.0 | 3 | 1P330-0600-XB | 1620 | | 6.0 | 57.0 |
| | 6 | 10.0 | 0.10 | 45° | 10.0 | 3 | 1P330-0600-XA | 1620 | | 6.0 | 57.0 |
| 7.0 | 8 | 13.0 | 0.10 | 45° | 13.0 | 3 | 1P330-0700-XB | 1620 | | 8.0 | 63.0 |
| | 8 | 13.0 | 0.10 | 45° | 13.0 | 3 | 1P330-0700-XA | 1620 | | 8.0 | 63.0 |
| 8.0 | 8 | 16.0 | 0.10 | 45° | 16.0 | 3 | 1P330-0800-XB | 1620 | | 8.0 | 63.0 |
| | 8 | 16.0 | 0.10 | 45° | 16.0 | 3 | 1P330-0800-XA | 1620 | | 8.0 | 63.0 |
| 9.0 | 10 | 16.0 | 0.10 | 45° | 16.0 | 3 | 1P330-0900-XB | 1620 | | 10.0 | 72.0 |
| | 10 | 16.0 | 0.10 | 45° | 16.0 | 3 | 1P330-0900-XA | 1620 | | 10.0 | 72.0 |
| 10.0 | 10 | 19.0 | 0.10 | 45° | 19.0 | 3 | 1P330-1000-XB | 1620 | | 10.0 | 72.0 |
| | 10 | 19.0 | 0.10 | 45° | 19.0 | 3 | 1P330-1000-XA | 1620 | | 10.0 | 72.0 |
| 12.0 | 12 | 22.0 | 0.10 | 45° | 22.0 | 3 | 1P330-1200-XB | 1620 | | 12.0 | 83.0 |
| | 12 | 22.0 | 0.10 | 45° | 22.0 | 3 | 1P330-1200-XA | 1620 | | 12.0 | 83.0 |
| 14.0 | 14 | 22.0 | 0.15 | 45° | 22.0 | 3 | 1P330-1400-XB | 1620 | | 14.0 | 83.0 |
| | 14 | 22.0 | 0.15 | 45° | 22.0 | 3 | 1P330-1400-XA | 1620 | | 14.0 | 83.0 |
| 16.0 | 16 | 26.0 | 0.15 | 45° | 26.0 | 3 | 1P330-1600-XB | 1620 | | 16.0 | 92.0 |
| | 16 | 26.0 | 0.15 | 45° | 26.0 | 3 | 1P330-1600-XA | 1620 | | 16.0 | 92.0 |
| 18.0 | 18 | 26.0 | 0.15 | 45° | 26.0 | 3 | 1P330-1800-XB | 1620 | | 18.0 | 92.0 |
| | 18 | 26.0 | 0.15 | 45° | 26.0 | 3 | 1P330-1800-XA | 1620 | | 18.0 | 92.0 |
| 20.0 | 20 | 32.0 | 0.15 | 45° | 32.0 | 3 | 1P330-2000-XB | 1620 | | 20.0 | 104.0 |
| | 20 | 32.0 | 0.15 | 45° | 32.0 | 3 | 1P330-2000-XA | 1620 | | 20.0 | 104.0 |

Wersja calowa

| | | | | | | | | | | Wymiary, cale | |
|-------|-------------------|-------|------|-----|-------|------|---------------|-------|--|---------------|-------|
| DC | CZC _{MS} | APMX | CHW | KCH | LU | ZEFP | Oznaczenie | GRADE | | DCON | LF |
| .125 | 1/8 | .297 | | | .297 | 3 | 1P330-0318-XA | 1620 | | .125 | 1.500 |
| .188 | 3/16 | .375 | .004 | 45° | .375 | 3 | 1P330-0476-XA | 1620 | | .187 | 2.000 |
| .250 | 1/4 | .422 | .004 | 45° | .422 | 3 | 1P330-0635-XA | 1620 | | .250 | 2.500 |
| .375 | 3/8 | .719 | .004 | 45° | .719 | 3 | 1P330-0953-XA | 1620 | | .375 | 2.500 |
| .500 | 1/2 | .922 | .004 | 45° | .922 | 3 | 1P330-1270-XA | 1620 | | .500 | 3.000 |
| .625 | 5/8 | 1.031 | .006 | 45° | 1.031 | 3 | 1P330-1588-XA | 1620 | | .625 | 3.500 |
| .750 | 3/4 | 1.219 | .006 | 45° | 1.219 | 3 | 1P330-1905-XA | 1620 | | .750 | 4.000 |
| 1.000 | 1 | 1.594 | .010 | 45° | 1.594 | 3 | 1P330-2540-XA | 1620 | | 1.000 | 5.000 |



E3



E7



E45



E36



E58



E50

A

FREZOWANIE

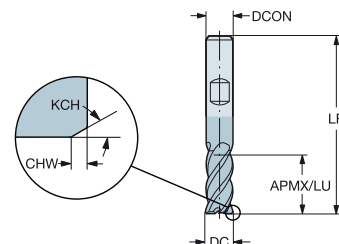
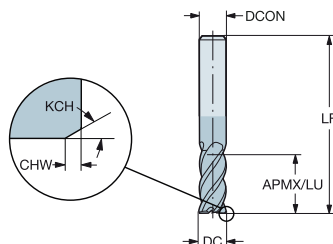
CoroMill® Plura, węglkowy frez trzpieniowy do obróbki średnio-zgrubnej

Do różnych materiałów o twardości ≤ 48 HRc

FHA
BSG
TCDC
TCDCON

1P341-XA
45°
DIN 6527 L
h10
h6

1P341-XB
45°
DIN 6527 L
h10
h6



Wersja metryczna

| | | | | | | | | | | Wymiary, mm | |
|------|-------------------|------|------|-----|------|------|---------------|------------|--|-------------|-------|
| DC | CZC _{MS} | APMX | CHW | KCH | LU | ZEFP | Oznaczenie | GRADE | | DCON | LF |
| 2.0 | 6 | 7.0 | | | 7.0 | 4 | 1P341-0200-XA | 1620, 1630 | | 6.0 | 57.0 |
| 3.0 | 6 | 8.0 | | | 8.0 | 4 | 1P341-0300-XA | 1620, 1630 | | 6.0 | 57.0 |
| 4.0 | 6 | 11.0 | 0.10 | 45° | 11.0 | 4 | 1P341-0400-XA | 1620, 1630 | | 6.0 | 57.0 |
| 5.0 | 6 | 13.0 | 0.10 | 45° | 13.0 | 4 | 1P341-0500-XA | 1620, 1630 | | 6.0 | 57.0 |
| 6.0 | 6 | 13.0 | 0.10 | 45° | 13.0 | 4 | 1P341-0600-XB | 1630 | | 6.0 | 57.0 |
| | 6 | 13.0 | 0.10 | 45° | 13.0 | 4 | 1P341-0600-XA | 1620, 1630 | | 6.0 | 57.0 |
| 8.0 | 8 | 19.0 | 0.10 | 45° | 19.0 | 4 | 1P341-0800-XB | 1630 | | 8.0 | 63.0 |
| | 8 | 19.0 | 0.10 | 45° | 19.0 | 4 | 1P341-0800-XA | 1620, 1630 | | 8.0 | 63.0 |
| 10.0 | 10 | 22.0 | 0.10 | 45° | 22.0 | 4 | 1P341-1000-XB | 1630 | | 10.0 | 72.0 |
| | 10 | 22.0 | 0.10 | 45° | 22.0 | 4 | 1P341-1000-XA | 1620, 1630 | | 10.0 | 72.0 |
| 12.0 | 12 | 26.0 | 0.10 | 45° | 26.0 | 4 | 1P341-1200-XB | 1630 | | 12.0 | 83.0 |
| | 12 | 26.0 | 0.10 | 45° | 26.0 | 4 | 1P341-1200-XA | 1620, 1630 | | 12.0 | 83.0 |
| 14.0 | 14 | 26.0 | 0.15 | 45° | 26.0 | 4 | 1P341-1400-XB | 1630 | | 14.0 | 83.0 |
| | 14 | 26.0 | 0.15 | 45° | 26.0 | 4 | 1P341-1400-XA | 1620, 1630 | | 14.0 | 83.0 |
| 16.0 | 16 | 32.0 | 0.15 | 45° | 32.0 | 4 | 1P341-1600-XB | 1630 | | 16.0 | 92.0 |
| | 16 | 32.0 | 0.15 | 45° | 32.0 | 4 | 1P341-1600-XA | 1620, 1630 | | 16.0 | 92.0 |
| 18.0 | 18 | 32.0 | 0.15 | 45° | 32.0 | 5 | 1P341-1800-XA | 1620, 1630 | | 18.0 | 92.0 |
| 20.0 | 20 | 38.0 | 0.15 | 45° | 38.0 | 5 | 1P341-2000-XB | 1630 | | 20.0 | 104.0 |
| | 20 | 38.0 | 0.15 | 45° | 38.0 | 5 | 1P341-2000-XA | 1620, 1630 | | 20.0 | 104.0 |

Wersja calowa

| | | | | | | | | | | Wymiary, cale | |
|-------|-------------------|-------|------|-----|-------|------|---------------|-------|--|---------------|-------|
| DC | CZC _{MS} | APMX | CHW | KCH | LU | ZEFP | Oznaczenie | GRADE | | DCON | LF |
| .125 | 1/8 | .313 | | | .313 | 4 | 1P341-0318-XA | 1630 | | .125 | 1.500 |
| .188 | 3/16 | .469 | .004 | 45° | .469 | 4 | 1P341-0476-XA | 1630 | | .187 | 2.000 |
| .250 | 1/4 | .531 | .004 | 45° | .531 | 4 | 1P341-0635-XA | 1630 | | .250 | 2.500 |
| .375 | 3/8 | .844 | .006 | 45° | .844 | 4 | 1P341-0953-XA | 1630 | | .375 | 3.000 |
| .500 | 1/2 | 1.094 | .006 | 45° | 1.094 | 4 | 1P341-1270-XA | 1630 | | .500 | 3.500 |
| .625 | 5/8 | 1.313 | .010 | 45° | 1.313 | 5 | 1P341-1588-XA | 1630 | | .625 | 4.000 |
| .750 | 3/4 | 1.563 | .010 | 45° | 1.563 | 5 | 1P341-1905-XA | 1630 | | .750 | 4.000 |
| 1.000 | 1 | 2.094 | .010 | 45° | 2.094 | 5 | 1P341-2540-XA | 1630 | | 1.000 | 5.000 |



E3



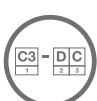
E7



E45



E36



E58

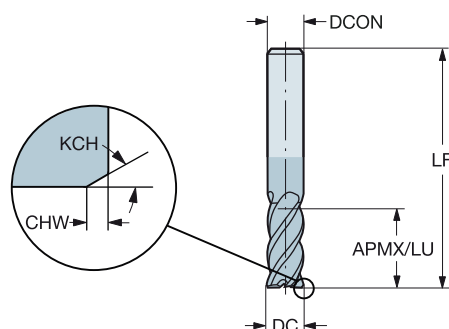


E50

CoroMill® Plura, węglkowy frez trzpieniowy do obróbki średnio-zgrubnej

Do różnych materiałów o twardości ≤ 48 HRc

FHA 45°
BSG COROMANT
TCDC h10
TCDCON h6



Wersja metryczna

| Wymiary, mm | | | | | | | | | |
|-------------|-------------------|------|------|-----|------|------|---------------|-------|------------|
| DC | CZC _{MS} | APMX | CHW | KCH | LU | ZEFP | Oznaczenie | GRADE | DCON LF |
| 6.0 | 6 | 22.0 | 0.10 | 45° | 22.0 | 4 | 1P360-0600-XA | 1620 | 6.0 65.0 |
| 8.0 | 8 | 28.0 | 0.10 | 45° | 28.0 | 4 | 1P360-0800-XA | 1620 | 8.0 80.0 |
| 10.0 | 10 | 32.0 | 0.10 | 45° | 32.0 | 4 | 1P360-1000-XA | 1620 | 10.0 100.0 |
| 12.0 | 12 | 40.0 | 0.10 | 45° | 40.0 | 4 | 1P360-1200-XA | 1620 | 12.0 100.0 |
| 14.0 | 14 | 50.0 | 0.15 | 45° | 50.0 | 4 | 1P360-1400-XA | 1620 | 14.0 104.0 |
| 16.0 | 16 | 50.0 | 0.15 | 45° | 50.0 | 5 | 1P360-1600-XA | 1620 | 16.0 115.0 |
| 20.0 | 20 | 55.0 | 0.15 | 45° | 55.0 | 5 | 1P360-2000-XA | 1620 | 20.0 125.0 |
| 25.0 | 25 | 90.0 | 0.15 | 45° | 90.0 | 8 | 1P360-2500-XA | 1620 | 25.0 153.0 |

Wersja calowa

| Wymiary, cale | | | | | | | | | |
|---------------|-------------------|-------|------|-----|-------|------|---------------|-------|-------------|
| DC | CZC _{MS} | APMX | CHW | KCH | LU | ZEFP | Oznaczenie | GRADE | DCON LF |
| .125 | 1/8 | .500 | .004 | 45° | .500 | 4 | 1P360-0318-XA | 1620 | .125 2.000 |
| .188 | 3/16 | .750 | .004 | 45° | .750 | 4 | 1P360-0476-XA | 1620 | .187 2.500 |
| .250 | 1/4 | .875 | .004 | 45° | .875 | 4 | 1P360-0635-XA | 1620 | .250 2.500 |
| .375 | 3/8 | 1.219 | .004 | 45° | 1.219 | 4 | 1P360-0953-XA | 1620 | .375 4.000 |
| .500 | 1/2 | 1.687 | .006 | 45° | 1.687 | 4 | 1P360-1270-XA | 1620 | .500 4.000 |
| .625 | 5/8 | 2.000 | .006 | 45° | 2.000 | 5 | 1P360-1588-XA | 1620 | .625 5.000 |
| .750 | 3/4 | 2.344 | .006 | 45° | 2.344 | 5 | 1P360-1905-XA | 1620 | .750 5.000 |
| 1.000 | 1 | 3.609 | .010 | 45° | 3.609 | 8 | 1P360-2540-XA | 1620 | 1.000 7.000 |



E3



E7



E45



E36

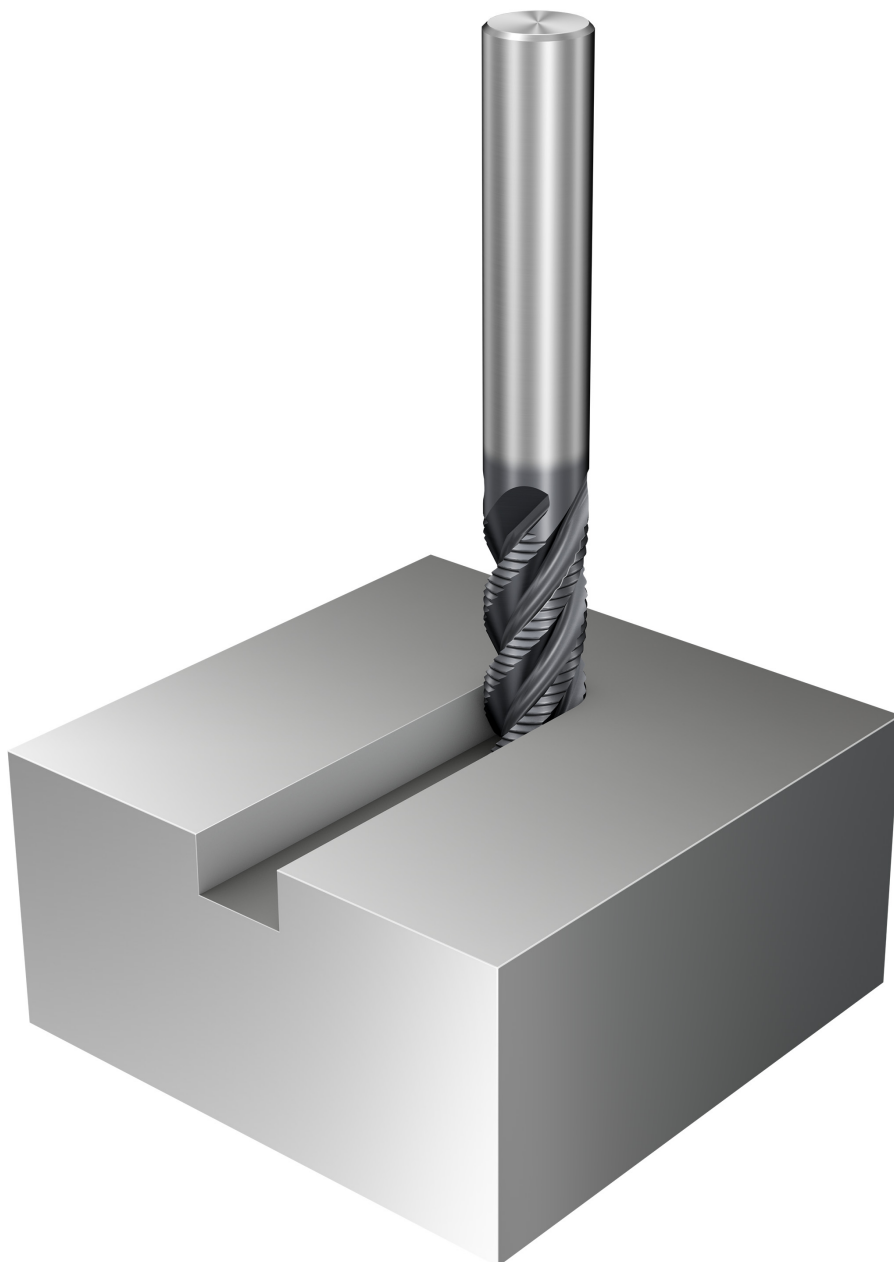


E58



E50

CoroMill® Plura, węglkowy frez trzpieniowy z rozdzielaczem wiórów do obróbki zgrubnej



CoroMill® Plura, węglkowy frez trzpieniowy z rozdzielaczem wiórów do obróbki zgrubnej

Do różnych materiałów o twardości ≤ 48 HRc

FHA 37°
BSG DIN 6527 L
TCDC h12
TCDCON h6



Wersja metryczna

| Wymiary, mm | | | | | | | | | |
|-------------|-------------------|------|------|-----|------|------|---------------|-------|------------|
| DC | CZC _{MS} | APMX | CHW | KCH | LU | ZEFP | Oznaczenie | GRADE | DCON LF |
| 6.0 | 6 | 13.0 | 0.35 | 35° | 13.0 | 4 | 1P340-0600-XB | 1640 | 6.0 57.0 |
| 8.0 | 8 | 19.0 | 0.45 | 35° | 19.0 | 4 | 1P340-0800-XB | 1640 | 8.0 63.0 |
| 10.0 | 10 | 22.0 | 0.50 | 35° | 22.0 | 4 | 1P340-1000-XB | 1640 | 10.0 72.0 |
| 12.0 | 12 | 26.0 | 0.50 | 35° | 26.0 | 4 | 1P340-1200-XB | 1640 | 12.0 83.0 |
| 14.0 | 14 | 26.0 | 0.50 | 35° | 26.0 | 4 | 1P340-1400-XB | 1640 | 14.0 83.0 |
| 16.0 | 16 | 32.0 | 0.55 | 35° | 32.0 | 4 | 1P340-1600-XB | 1640 | 16.0 92.0 |
| 18.0 | 18 | 32.0 | 0.50 | 35° | 32.0 | 4 | 1P340-1800-XB | 1640 | 18.0 92.0 |
| 20.0 | 20 | 38.0 | 0.63 | 35° | 38.0 | 4 | 1P340-2000-XB | 1640 | 20.0 104.0 |

FHA 37°
BSG Internal (Norma zakładowa)
TCDC h12
TCDCON h6



Wersja calowa

| Wymiary, cale | | | | | | | | | |
|---------------|-------------------|-------|------|-----|-------|------|---------------|-------|-------------|
| DC | CZC _{MS} | APMX | CHW | KCH | LU | ZEFP | Oznaczenie | GRADE | DCON LF |
| .250 | 1/4 | .531 | .014 | 35° | .531 | 4 | 1P340-0635-XA | 1640 | .250 2.500 |
| .375 | 3/8 | .844 | .018 | 35° | .844 | 4 | 1P340-0953-XA | 1640 | .375 3.000 |
| .500 | 1/2 | 1.094 | .020 | 35° | 1.094 | 4 | 1P340-1270-XA | 1640 | .500 3.500 |
| .625 | 5/8 | 1.313 | .020 | 35° | 1.313 | 4 | 1P340-1588-XA | 1640 | .625 4.000 |
| .750 | 3/4 | 1.563 | .022 | 35° | 1.563 | 4 | 1P340-1905-XA | 1640 | .750 4.000 |
| 1.000 | 1 | 2.094 | .031 | 35° | 2.094 | 4 | 1P340-2540-XA | 1640 | 1.000 5.000 |



E3



E7



E45



E36



E58



E50

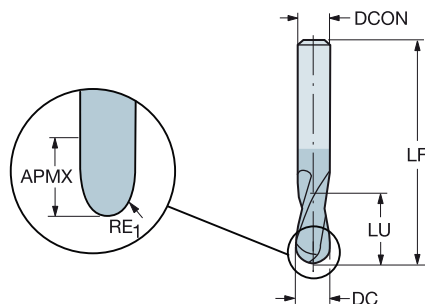
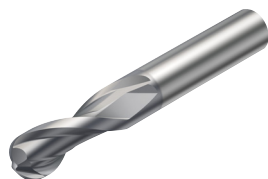
CoroMill® Plura, węglkowy frez trzpieniowy z czołem kulistym do profilowania



CoroMill® Plura, węglkowy frez trzpieniowy z czołem kulistym do profilowania

Do różnych materiałów o twardości ≤ 48 HRc

FHA 30°
BSG COROMANT
TCDC h7
TCDCON h5
PSIR 0°



P M K N S

Wersja metryczna

| | | | | | | | Wymiary, mm | | |
|------|-------------------|------|-----------------|------|------|---------------|-------------|------|-------|
| DC | CZC _{MS} | APMX | RE ₁ | LU | ZEFP | Oznaczenie | GRADE | DCON | LF |
| 1.0 | 3 | 3.0 | 0.50 | 3.0 | 2 | 1B230-0100-XA | 1630 | 3.0 | 38.0 |
| 1.5 | 3 | 3.0 | 0.75 | 3.0 | 2 | 1B230-0150-XA | 1630 | 3.0 | 38.0 |
| 2.0 | 3 | 6.0 | 1.00 | 6.0 | 2 | 1B230-0200-XA | 1630 | 3.0 | 38.0 |
| 2.5 | 3 | 7.0 | 1.25 | 7.0 | 2 | 1B230-0250-XA | 1630 | 3.0 | 38.0 |
| 3.0 | 3 | 7.0 | 1.50 | 7.0 | 2 | 1B230-0300-XA | 1630 | 3.0 | 38.0 |
| 4.0 | 6 | 8.0 | 2.00 | 8.0 | 2 | 1B230-0400-XA | 1630 | 6.0 | 57.0 |
| 5.0 | 6 | 10.0 | 2.50 | 10.0 | 2 | 1B230-0500-XA | 1630 | 6.0 | 57.0 |
| 6.0 | 6 | 10.0 | 3.00 | 10.0 | 2 | 1B230-0600-XA | 1630 | 6.0 | 57.0 |
| 7.0 | 8 | 13.0 | 3.50 | 13.0 | 2 | 1B230-0700-XA | 1630 | 8.0 | 63.0 |
| 8.0 | 8 | 16.0 | 4.00 | 16.0 | 2 | 1B230-0800-XA | 1630 | 8.0 | 63.0 |
| 9.0 | 10 | 16.0 | 4.50 | 16.0 | 2 | 1B230-0900-XA | 1630 | 10.0 | 72.0 |
| 10.0 | 10 | 19.0 | 5.00 | 19.0 | 2 | 1B230-1000-XA | 1630 | 10.0 | 72.0 |
| 12.0 | 12 | 22.0 | 6.00 | 22.0 | 2 | 1B230-1200-XA | 1630 | 12.0 | 83.0 |
| 14.0 | 14 | 22.0 | 7.00 | 22.0 | 2 | 1B230-1400-XA | 1630 | 14.0 | 83.0 |
| 16.0 | 16 | 26.0 | 8.00 | 26.0 | 2 | 1B230-1600-XA | 1630 | 16.0 | 92.0 |
| 18.0 | 18 | 26.0 | 9.00 | 26.0 | 2 | 1B230-1800-XA | 1630 | 18.0 | 92.0 |
| 20.0 | 20 | 32.0 | 10.00 | 32.0 | 2 | 1B230-2000-XA | 1630 | 20.0 | 104.0 |



E3



E7



E45



E36



E58



E50

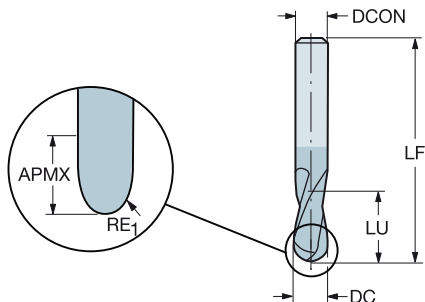
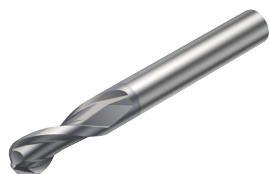
A

FREZOWANIE

CoroMill® Plura, węglkowy frez trzpieniowy z czołem kulistym do profilowania

Do różnych materiałów o twardości $\leq 48 \text{ HRc}$

FHA 30°
 BSG COROMANT
 TCDC h9
 TCDCON h6
 PSIR 0°



P **M** **K** **N** **S**

Wersja calowa

| | | | | | | | Wymiary, cale | | |
|------|-------------------|-------|-----------------|-------|------|---------------|---------------|------|-------|
| DC | CZC _{MS} | APMX | RE ₁ | LU | ZEFP | Oznaczenie | GRADE | DCON | LF |
| .063 | 1/4 | .125 | .031 | .125 | 2 | 1B231-0159-XA | 1620 | .250 | 3.000 |
| .094 | 1/4 | .188 | .047 | .188 | 2 | 1B231-0238-XA | 1620 | .250 | 3.000 |
| .125 | 1/4 | .250 | .063 | .250 | 2 | 1B231-0318-XA | 1620 | .250 | 3.000 |
| .156 | 1/4 | .313 | .078 | .313 | 2 | 1B231-0397-XA | 1620 | .250 | 3.000 |
| .187 | 1/4 | .375 | .094 | .375 | 2 | 1B231-0476-XA | 1620 | .250 | 3.000 |
| .250 | 1/4 | .500 | .125 | .500 | 2 | 1B231-0635-XA | 1620 | .250 | 3.000 |
| .313 | 3/8 | .625 | .156 | .625 | 2 | 1B231-0794-XA | 1620 | .375 | 3.500 |
| .375 | 3/8 | .750 | .188 | .750 | 2 | 1B231-0953-XA | 1620 | .375 | 3.500 |
| .500 | 1/2 | 1.000 | .250 | 1.000 | 2 | 1B231-1270-XA | 1620 | .500 | 4.000 |

Wersja calowa

| | | | | | | | Wymiary, cale | | | |
|------|-------------------|-------|-----------------|-------|------|---------------|---------------|------|------|-------|
| DC | CZC _{MS} | APMX | RE ₁ | LU | ZEFP | Oznaczenie | GRADE | DCON | DCX | LF |
| .063 | 1/4 | .125 | .031 | .125 | 2 | 1B232-0159-XA | 1620 | .250 | | 2.000 |
| .094 | 1/4 | .188 | .047 | .188 | 2 | 1B232-0238-XA | 1620 | .250 | | 2.000 |
| .125 | 1/4 | .250 | .063 | .250 | 2 | 1B232-0318-XA | 1620 | .250 | | 2.000 |
| .156 | 1/4 | .313 | .078 | .313 | 2 | 1B232-0397-XA | 1620 | .250 | | 2.000 |
| .187 | 1/4 | .375 | .094 | .375 | 2 | 1B232-0476-XA | 1620 | .250 | | 2.000 |
| .250 | 1/4 | .500 | .125 | .500 | 2 | 1B232-0635-XA | 1620 | .250 | | 2.000 |
| .313 | 3/8 | .625 | .156 | .625 | 2 | 1B232-0794-XA | 1620 | .375 | | 2.500 |
| .375 | 3/8 | .750 | .188 | .750 | 2 | 1B232-0953-XA | 1620 | .375 | | 2.500 |
| .500 | 1/2 | 1.000 | .250 | 1.000 | 2 | 1B232-1270-XA | 1620 | .500 | | 3.000 |
| .625 | 5/8 | 1.250 | .313 | 1.250 | 2 | 1B232-1588-XA | 1620 | .625 | .625 | 3.500 |
| .750 | 3/4 | 1.500 | .375 | 1.500 | 2 | 1B232-1905-XA | 1620 | .750 | .750 | 4.000 |

D

E



E3



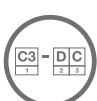
E7



E45



E36



E58

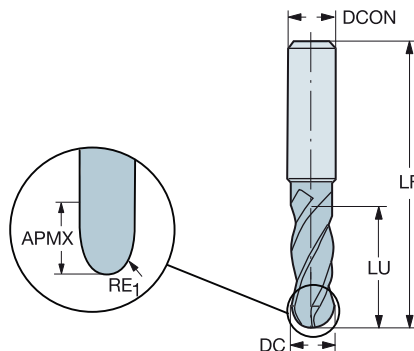
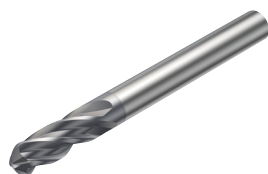


E50

CoroMill® Plura, węglkowy frez trzpieniowy z czołem kulistym do profilowania

Do różnych materiałów o twardości $\leq 48 \text{ HRc}$

FHA 30°
BSG COROMANT
TCDC h8
TCDCON h6
PSIR 0°



P M K N S

Wersja metryczna

| | | | | | | | Wymiary, mm | | |
|------|-------------------|------|-----------------|------|------|---------------|-------------|------|-------|
| DC | CZC _{MS} | APMX | RE ₁ | LU | ZEFP | Oznaczenie | GRADE | DCON | LF |
| 3.0 | 6 | 8.0 | 1.50 | 8.0 | 4 | 1B240-0300-XA | 1630 | 6.0 | 80.0 |
| 4.0 | 6 | 11.0 | 2.00 | 11.0 | 4 | 1B240-0400-XA | 1630 | 6.0 | 80.0 |
| 5.0 | 6 | 13.0 | 2.50 | 13.0 | 4 | 1B240-0500-XA | 1630 | 6.0 | 80.0 |
| 6.0 | 6 | 13.0 | 3.00 | 13.0 | 4 | 1B240-0600-XA | 1630 | 6.0 | 80.0 |
| 7.0 | 8 | 16.0 | 3.50 | 16.0 | 4 | 1B240-0700-XA | 1630 | 8.0 | 100.0 |
| 8.0 | 8 | 19.0 | 4.00 | 19.0 | 4 | 1B240-0800-XA | 1630 | 8.0 | 100.0 |
| 10.0 | 10 | 22.0 | 5.00 | 22.0 | 4 | 1B240-1000-XA | 1630 | 10.0 | 100.0 |
| 12.0 | 12 | 26.0 | 6.00 | 26.0 | 4 | 1B240-1200-XA | 1630 | 12.0 | 100.0 |
| 16.0 | 16 | 32.0 | 8.00 | 32.0 | 4 | 1B240-1600-XA | 1630 | 16.0 | 100.0 |
| 20.0 | 20 | 38.0 | 10.00 | 38.0 | 4 | 1B240-2000-XA | 1630 | 20.0 | 125.0 |

Wersja calowa

| | | | | | | | Wymiary, cale | | |
|------|-------------------|-------|-----------------|-------|------|---------------|---------------|------|-------|
| DC | CZC _{MS} | APMX | RE ₁ | LU | ZEFP | Oznaczenie | GRADE | DCON | LF |
| .063 | 1/4 | .125 | .031 | .125 | 4 | 1B240-0159-XA | 1630 | .250 | 3.000 |
| .094 | 1/4 | .188 | .047 | .188 | 4 | 1B240-0238-XA | 1630 | .250 | 3.000 |
| .125 | 1/4 | .250 | .063 | .250 | 4 | 1B240-0318-XA | 1630 | .250 | 3.000 |
| .156 | 1/4 | .313 | .078 | .313 | 4 | 1B240-0397-XA | 1630 | .250 | 3.000 |
| .187 | 1/4 | .375 | .094 | .375 | 4 | 1B240-0476-XA | 1630 | .250 | 3.000 |
| .250 | 1/4 | .500 | .125 | .500 | 4 | 1B240-0635-XA | 1630 | .250 | 3.000 |
| .313 | 3/8 | .625 | .156 | .625 | 4 | 1B240-0794-XA | 1630 | .375 | 3.500 |
| .375 | 3/8 | .750 | .188 | .750 | 4 | 1B240-0953-XA | 1630 | .375 | 3.500 |
| .500 | 1/2 | 1.000 | .250 | 1.000 | 4 | 1B240-1270-XA | 1630 | .500 | 4.000 |



E3



E7



E45



E36

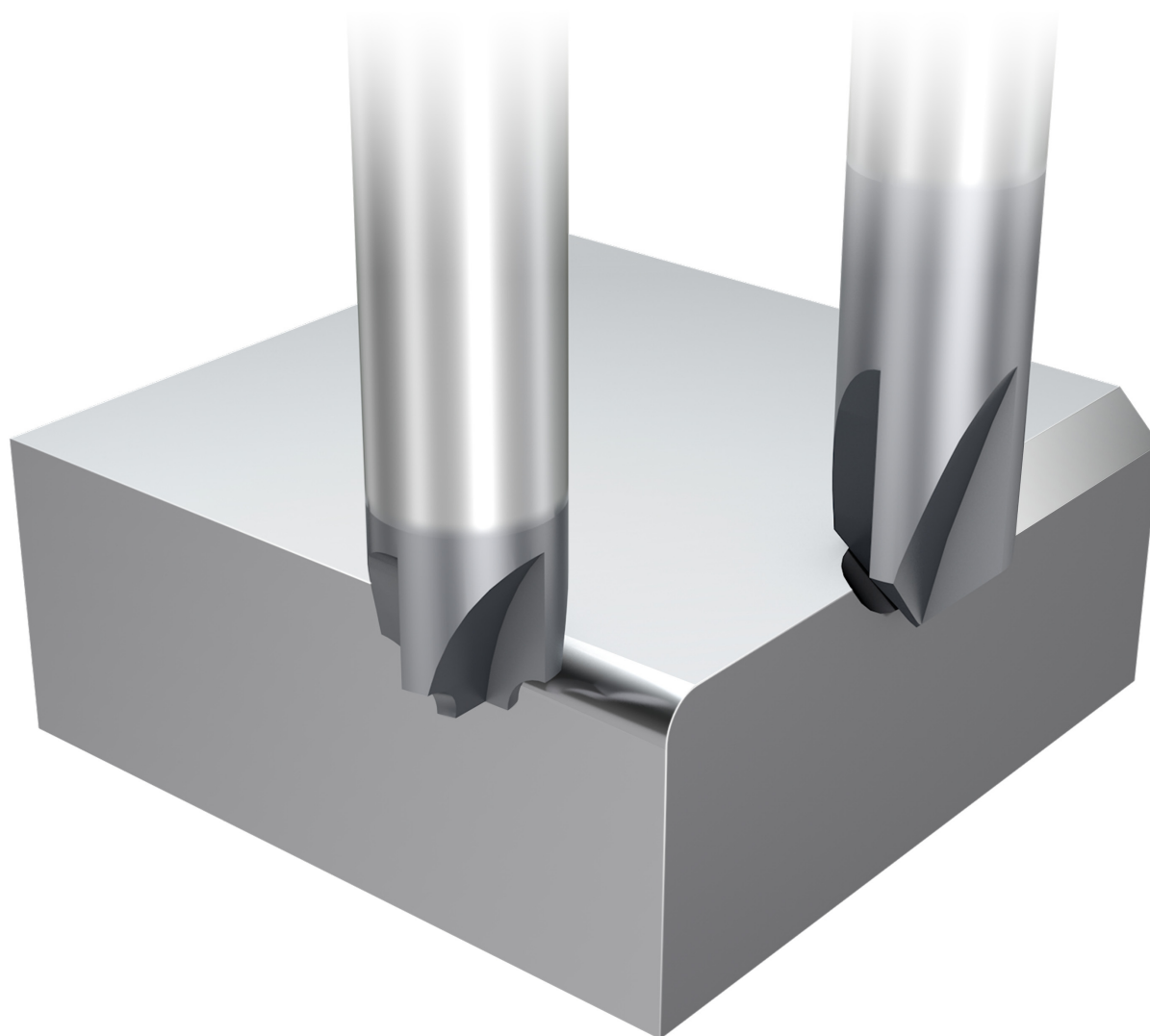


E58



E50

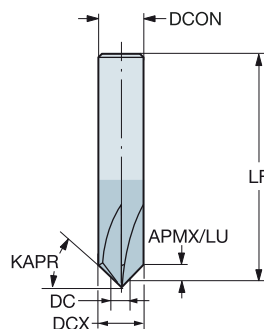
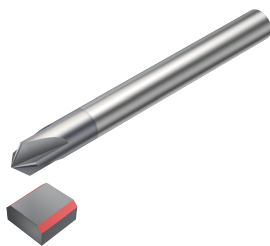
CoroMill® Plura, węglkowy frez trzpieniowy do fazowania i zaokrąglania krawędzi



CoroMill® Plura, węglkowy frez trzpieniowy do fazowania

Do różnych materiałów o twardości ≤ 48 HRc

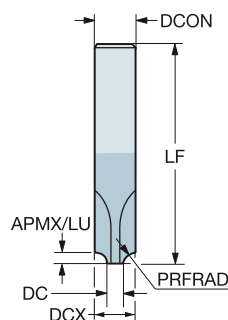
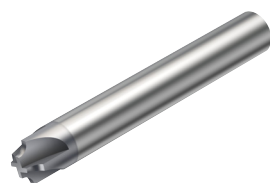
TCDCON h6



Wersja metryczna

| | | | | | | Wymiary, mm | | | | | |
|------|-------------------|------|------|------|-------------------|-------------|------|------|------|-------|-------|
| KAPR | CZC _{MS} | APMX | LU | ZEFP | Oznaczenie | GRADE | DC | DCX | DCON | LF | RPMX |
| 45° | 6.0 | 2.50 | 2.50 | 4 | 1C050-0100-045-XA | 1620 | 1.00 | 6.0 | 6.0 | 56.50 | 80000 |
| 45° | 8.0 | 3.00 | 3.00 | 5 | 1C050-0200-045-XA | 1620 | 2.00 | 8.0 | 8.0 | 79.00 | 80000 |
| 45° | 10.0 | 4.25 | 4.25 | 4 | 1C050-0150-045-XA | 1620 | 1.50 | 10.0 | 10.0 | 99.20 | 80000 |
| 45° | 12.0 | 4.50 | 4.50 | 6 | 1C050-0300-045-XA | 1620 | 3.00 | 12.0 | 12.0 | 81.50 | 80000 |
| 60° | 10.0 | 7.35 | 7.35 | 4 | 1C050-0150-060-XA | 1620 | 1.50 | 10.0 | 10.0 | 98.70 | 80000 |

TCDCON h6



Wersja metryczna

| | | | | | | Wymiary, mm | | | | | |
|--------|-------------------|------|------|------|-------------------|-------------|------|------|------|--------|-------|
| PRFRAD | CZC _{MS} | APMX | LU | ZEFP | Oznaczenie | GRADE | DC | DCX | DCON | LF | RPMX |
| 0.5 | 6.0 | 0.50 | 0.50 | 3 | 1U000-0400-050-XA | 1620 | 4.00 | 6.0 | 6.0 | 57.00 | 80000 |
| 0.8 | | 0.75 | 0.75 | 3 | 1U000-0400-075-XA | 1620 | 4.00 | 6.0 | 6.0 | 57.00 | 80000 |
| 1.0 | 8.0 | 1.00 | 1.00 | 4 | 1U000-0400-100-XA | 1620 | 4.00 | 8.0 | 8.0 | 63.00 | 80000 |
| 1.5 | | 1.50 | 1.50 | 4 | 1U000-0400-150-XA | 1620 | 4.00 | 8.0 | 8.0 | 63.00 | 80000 |
| 2.0 | 10.0 | 2.00 | 2.00 | 4 | 1U000-0500-200-XA | 1620 | 5.00 | 10.0 | 10.0 | 72.00 | 80000 |
| 2.5 | | 2.50 | 2.50 | 4 | 1U000-0500-250-XA | 1620 | 5.00 | 10.0 | 10.0 | 72.00 | 80000 |
| 3.0 | 12.0 | 3.00 | 3.00 | 4 | 1U000-0500-300-XA | 1620 | 5.00 | 12.0 | 12.0 | 83.00 | 80000 |
| 4.0 | 14.0 | 4.00 | 4.00 | 4 | 1U000-0600-400-XA | 1620 | 6.00 | 14.0 | 14.0 | 83.00 | 80000 |
| 5.0 | 16.0 | 5.00 | 5.00 | 4 | 1U000-0600-500-XA | 1620 | 6.00 | 16.0 | 16.0 | 92.00 | 80000 |
| 6.0 | 20.0 | 6.00 | 6.00 | 4 | 1U000-0800-600-XA | 1620 | 8.00 | 20.0 | 20.0 | 104.00 | 80000 |

Wersja calowa

| | | | | | | Wymiary, cale | | | | | |
|--------|-------------------|------|------|------|-------------------|---------------|------|------|------|-------|-------|
| PRFRAD | CZC _{MS} | APMX | LU | ZEFP | Oznaczenie | GRADE | DCON | DC | DCX | LF | RPMX |
| .031 | 1/8 | .031 | .031 | 2 | 1U000-0119-079-XA | 1620 | .125 | .047 | .125 | 1.500 | 80000 |
| .062 | 1/4 | .062 | .062 | 3 | 1U000-0160-158-XA | 1620 | .250 | .063 | .250 | 2.000 | 80000 |
| .094 | 3/8 | .094 | .094 | 3 | 1U000-0160-238-XA | 1620 | .375 | .063 | .313 | 2.500 | 80000 |
| .125 | 1/2 | .125 | .125 | 4 | 1U000-0630-318-XA | 1620 | .500 | .248 | .500 | 3.000 | 48300 |
| .188 | 5/8 | .188 | .188 | 4 | 1U000-0630-476-XA | 1620 | .625 | .248 | .625 | 3.500 | 25100 |



E3



E7



E45



E36



E58



E50



Wiercenie

CoroDrill® 460

Wszechstronne, wysokowydajne wiertła pełnowęglkowe

Zastosowanie

- Wszystkie branże wykorzystujące obróbkę skrawaniem, m. in. budowa maszyn, przemysł form i matryc, motoryzacyjny i energetyczny
- Dostępne modele z kanałami doprowadzającymi chłodziwo przez narzędzie lub bez nich

Obszar stosowania wg ISO:

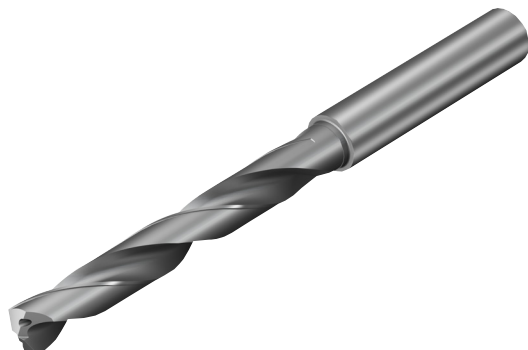


Cechy i korzyści

- Wysoka produktywność i powtarzalna trwałość
- Wyjątkowo atrakcyjna cena przy bezkompromisowej jakości
- Dobra jakość wywierconych otworów
- Pozwala ograniczyć koszty narzędziowe
- Możliwość nawet trzykrotnego przeostrzenia, co jeszcze bardziej wydłuża żywotność narzędzia
- Chłodziwo pod ciśnieniem 20 bar

Asortyment produktów

| Typ wiertła | Średnica | Długość | Chłodziwo |
|------------------------------|---------------------------------------|-----------|----------------------------|
| Jednostopniowe | 3.00 - 20.00 mm 0.118 - 0.787 cala | 3xD i 5xD | Z kanałami chłodziwa i bez |
| Jednostopniowe | 3.00 - 20.00 mm 0.118 - 0.787 cala | 8xD | Z kanałami chłodziwa |
| Wiertło stopniowe i fazujące | 3.35 - 17.50 mm 0.132 - 0.689 cala | 3xD | Z kanałami chłodziwa |



www.sandvik.coromant.com/corodrill460

Zalecenia

Łatwa i szybka wymiana narzędzi w oprawkach zaciskowych CoroChuck 930 to większa efektywność produkcji. Przede wszystkim jednak, ograniczenie odchylki bicia promieniowego pozwala uzyskać dobrej jakości otwory i dłuższy okres trwałości narzędzi. Chcąc pracować z wysoką produktywnością należy chłodziwo doprowadzać wewnętrznie, co zwiększa efektywność skrawania i usprawnia odprowadzanie wiórów.



Narzędzia niestandardowe, patrz strona E36

Asortyment opravek zaciskowych - patrz katalog Narzędzia obrotowe.



E50

CoroDrill® 460, wiertło węglikowe

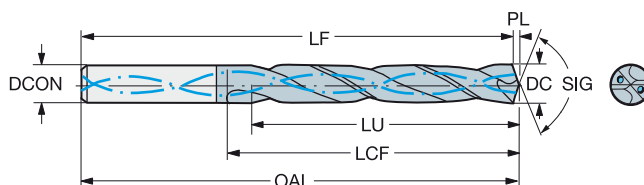
Do różnych materiałów

Wewnętrzne doprowadzenie chłodziwa

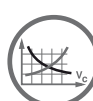


TCHA
SIG

H9
140°



| Wymiary, mm, cale | | | | | | | | | | | | | | | | | | |
|-------------------|------|------|-------|------|-------------------|---------------------|-------|------|-------|-----|-------|------|-------|-----|-------|-----|------|------------|
| DC | DC" | LU | LU" | ULDR | CZC _{MS} | Oznaczenie | GRADE | DCON | DCON" | OAL | OAL" | LF | LF" | LCF | LCF" | PL | PL" | BSG |
| 3.00 | .118 | 9.4 | .370 | 3 | 6 | 460.1-0300-009A1-XM | GC34 | 6.00 | .236 | 62 | 2.441 | 61.6 | 2.425 | 20 | .787 | 0.4 | .016 | DIN 6537 K |
| 3.00 | .118 | 15.4 | .606 | 5 | 6 | 460.1-0300-015A1-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.6 | 2.583 | 28 | 1.102 | 0.4 | .016 | DIN 6537 L |
| 3.00 | .118 | 24.4 | .961 | 8 | 6 | 460.1-0300-023A1-XM | GC34 | 6.00 | .236 | 79 | 3.110 | 78.6 | 3.094 | 37 | 1.457 | 0.4 | .016 | COROMANT |
| 3.05 | .120 | 15.7 | .618 | 5 | 6 | 460.1-0305-015A1-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.6 | 2.583 | 28 | 1.102 | 0.4 | .016 | DIN 6537 L |
| 3.10 | .122 | 9.7 | .382 | 3 | 6 | 460.1-0310-009A1-XM | GC34 | 6.00 | .236 | 62 | 2.441 | 61.6 | 2.425 | 20 | .787 | 0.4 | .016 | DIN 6537 K |
| 3.10 | .122 | 15.9 | .626 | 5 | 6 | 460.1-0310-016A1-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.6 | 2.583 | 28 | 1.102 | 0.4 | .016 | DIN 6537 L |
| 3.10 | .122 | 25.2 | .992 | 8 | 6 | 460.1-0310-023A1-XM | GC34 | 6.00 | .236 | 79 | 3.110 | 78.6 | 3.094 | 37 | 1.457 | 0.4 | .016 | COROMANT |
| 3.15 | .124 | 16.2 | .638 | 5 | 6 | 460.1-0315-016A1-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.5 | 2.579 | 28 | 1.102 | 0.5 | .020 | DIN 6537 L |
| 3.18 | .125 | 10.0 | .394 | 3 | 6 | 460.1-0318-010A1-XM | GC34 | 6.00 | .236 | 62 | 2.441 | 61.5 | 2.421 | 20 | .787 | 0.5 | .020 | DIN 6537 K |
| 3.18 | .125 | 16.3 | .642 | 5 | 6 | 460.1-0318-016A1-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.5 | 2.579 | 28 | 1.102 | 0.5 | .020 | DIN 6537 L |
| 3.18 | .125 | 25.9 | 1.020 | 8 | 6 | 460.1-0318-024A1-XM | GC34 | 6.00 | .236 | 79 | 3.110 | 78.5 | 3.091 | 37 | 1.457 | 0.5 | .020 | COROMANT |
| 3.20 | .126 | 10.1 | .398 | 3 | 6 | 460.1-0320-010A1-XM | GC34 | 6.00 | .236 | 62 | 2.441 | 61.5 | 2.421 | 20 | .787 | 0.5 | .020 | DIN 6537 K |
| 3.20 | .126 | 16.5 | .650 | 5 | 6 | 460.1-0320-016A1-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.5 | 2.579 | 28 | 1.102 | 0.5 | .020 | DIN 6537 L |
| 3.20 | .126 | 26.1 | 1.028 | 8 | 6 | 460.1-0320-024A1-XM | GC34 | 6.00 | .236 | 79 | 3.110 | 78.5 | 3.091 | 37 | 1.457 | 0.5 | .020 | COROMANT |
| 3.26 | .128 | 16.8 | .661 | 5 | 6 | 460.1-0326-016A1-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.5 | 2.579 | 28 | 1.102 | 0.5 | .020 | DIN 6537 L |
| 3.30 | .130 | 10.4 | .409 | 3 | 6 | 460.1-0330-010A1-XM | GC34 | 6.00 | .236 | 62 | 2.441 | 61.5 | 2.421 | 20 | .787 | 0.5 | .020 | DIN 6537 K |
| 3.30 | .130 | 17.0 | .669 | 5 | 6 | 460.1-0330-017A1-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.5 | 2.579 | 28 | 1.102 | 0.5 | .020 | DIN 6537 L |
| 3.30 | .130 | 26.9 | 1.059 | 8 | 6 | 460.1-0330-025A1-XM | GC34 | 6.00 | .236 | 79 | 3.110 | 78.5 | 3.091 | 37 | 1.457 | 0.5 | .020 | COROMANT |
| 3.35 | .132 | 17.2 | .677 | 5 | 6 | 460.1-0335-017A1-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.5 | 2.579 | 28 | 1.102 | 0.5 | .020 | DIN 6537 L |
| 3.38 | .133 | 17.4 | .685 | 5 | 6 | 460.1-0338-017A1-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.5 | 2.579 | 28 | 1.102 | 0.5 | .020 | DIN 6537 L |
| 3.40 | .134 | 10.7 | .421 | 3 | 6 | 460.1-0340-010A1-XM | GC34 | 6.00 | .236 | 62 | 2.441 | 61.5 | 2.421 | 20 | .787 | 0.5 | .020 | DIN 6537 K |
| 3.40 | .134 | 17.5 | .689 | 5 | 6 | 460.1-0340-017A1-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.5 | 2.579 | 28 | 1.102 | 0.5 | .020 | DIN 6537 L |
| 3.40 | .134 | 27.7 | 1.091 | 8 | 6 | 460.1-0340-026A1-XM | GC34 | 6.00 | .236 | 79 | 3.110 | 78.5 | 3.091 | 37 | 1.457 | 0.5 | .020 | COROMANT |
| 3.45 | .136 | 17.7 | .697 | 5 | 6 | 460.1-0345-017A1-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.5 | 2.579 | 28 | 1.102 | 0.5 | .020 | DIN 6537 L |
| 3.50 | .138 | 11.0 | .433 | 3 | 6 | 460.1-0350-011A1-XM | GC34 | 6.00 | .236 | 62 | 2.441 | 61.5 | 2.421 | 20 | .787 | 0.5 | .020 | DIN 6537 K |
| 3.50 | .138 | 18.0 | .709 | 5 | 6 | 460.1-0350-018A1-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.5 | 2.579 | 28 | 1.102 | 0.5 | .020 | DIN 6537 L |
| 3.50 | .138 | 28.5 | 1.122 | 8 | 6 | 460.1-0350-026A1-XM | GC34 | 6.00 | .236 | 79 | 3.110 | 78.5 | 3.091 | 37 | 1.457 | 0.5 | .020 | COROMANT |
| 3.57 | .141 | 11.2 | .441 | 3 | 6 | 460.1-0357-011A1-XM | GC34 | 6.00 | .236 | 62 | 2.441 | 61.5 | 2.421 | 20 | .787 | 0.5 | .020 | DIN 6537 K |
| 3.57 | .141 | 18.4 | .724 | 5 | 6 | 460.1-0357-018A1-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.5 | 2.579 | 28 | 1.102 | 0.5 | .020 | DIN 6537 L |
| 3.57 | .141 | 29.1 | 1.146 | 8 | 6 | 460.1-0357-027A1-XM | GC34 | 6.00 | .236 | 79 | 3.110 | 78.5 | 3.091 | 37 | 1.457 | 0.5 | .020 | COROMANT |
| 3.60 | .142 | 11.3 | .445 | 3 | 6 | 460.1-0360-011A1-XM | GC34 | 6.00 | .236 | 62 | 2.441 | 61.5 | 2.421 | 20 | .787 | 0.5 | .020 | DIN 6537 K |
| 3.60 | .142 | 18.5 | .728 | 5 | 6 | 460.1-0360-018A1-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.5 | 2.579 | 28 | 1.102 | 0.5 | .020 | DIN 6537 L |
| 3.66 | .144 | 18.8 | .740 | 5 | 6 | 460.1-0366-018A1-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.5 | 2.579 | 28 | 1.102 | 0.5 | .020 | DIN 6537 L |
| 3.70 | .146 | 11.6 | .457 | 3 | 6 | 460.1-0370-011A1-XM | GC34 | 6.00 | .236 | 62 | 2.441 | 61.5 | 2.421 | 20 | .787 | 0.5 | .020 | DIN 6537 K |
| 3.70 | .146 | 19.0 | .748 | 5 | 6 | 460.1-0370-019A1-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.5 | 2.579 | 28 | 1.102 | 0.5 | .020 | DIN 6537 L |
| 3.70 | .146 | 28.9 | 1.138 | 7 | 6 | 460.1-0370-028A1-XM | GC34 | 6.00 | .236 | 79 | 3.110 | 78.5 | 3.091 | 37 | 1.457 | 0.5 | .020 | COROMANT |
| 3.73 | .147 | 19.2 | .756 | 5 | 6 | 460.1-0373-019A1-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.5 | 2.579 | 28 | 1.102 | 0.5 | .020 | DIN 6537 L |
| 3.80 | .150 | 11.9 | .469 | 3 | 6 | 460.1-0380-011A1-XM | GC34 | 6.00 | .236 | 62 | 2.598 | 65.5 | 2.579 | 24 | .945 | 0.5 | .020 | DIN 6537 K |
| 3.80 | .150 | 19.5 | .768 | 5 | 6 | 460.1-0380-019A1-XM | GC34 | 6.00 | .236 | 74 | 2.913 | 73.5 | 2.894 | 36 | 1.417 | 0.5 | .020 | DIN 6537 L |
| 3.80 | .150 | 30.9 | 1.217 | 8 | 6 | 460.1-0380-029A1-XM | GC34 | 6.00 | .236 | 90 | 3.543 | 89.5 | 3.524 | 48 | 1.890 | 0.5 | .020 | COROMANT |
| 3.86 | .152 | 19.9 | .783 | 5 | 6 | 460.1-0386-019A1-XM | GC34 | 6.00 | .236 | 74 | 2.913 | 73.4 | 2.890 | 36 | 1.417 | 0.6 | .024 | DIN 6537 L |
| 3.90 | .154 | 12.3 | .484 | 3 | 6 | 460.1-0390-012A1-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.4 | 2.575 | 24 | .945 | 0.6 | .024 | DIN 6537 K |
| 3.90 | .154 | 20.1 | .791 | 5 | 6 | 460.1-0390-020A1-XM | GC34 | 6.00 | .236 | 74 | 2.913 | 73.4 | 2.890 | 36 | 1.417 | 0.6 | .024 | DIN 6537 L |
| 3.91 | .154 | 20.1 | .791 | 5 | 6 | 460.1-0391-020A1-XM | GC34 | 6.00 | .236 | 74 | 2.913 | 73.4 | 2.890 | 36 | 1.417 | 0.6 | .024 | DIN 6537 L |
| 3.97 | .156 | 12.5 | .492 | 3 | 6 | 460.1-0397-012A1-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.4 | 2.575 | 24 | .945 | 0.6 | .024 | DIN 6537 K |
| 3.97 | .156 | 20.4 | .803 | 5 | 6 | 460.1-0397-020A1-XM | GC34 | 6.00 | .236 | 74 | 2.913 | 73.4 | 2.890 | 36 | 1.417 | 0.6 | .024 | DIN 6537 L |
| 3.97 | .156 | 32.3 | 1.272 | 8 | 6 | 460.1-0397-030A1-XM | GC34 | 6.00 | .236 | 90 | 3.543 | 89.4 | 3.520 | 48 | 1.890 | 0.6 | .024 | COROMANT |
| 3.99 | .157 | 20.5 | .807 | 5 | 6 | 460.1-0399-020A1-XM | GC34 | 6.00 | .236 | 74 | 2.913 | 73.4 | 2.890 | 36 | 1.417 | 0.6 | .024 | DIN 6537 L |



E8



E45



E36



E60



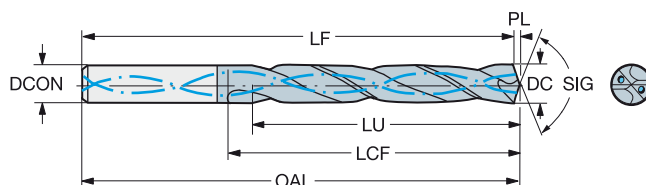
E50



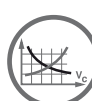
CoroDrill® 460, wiertło węglikowe

Do różnych materiałów

Wewnętrzne doprowadzenie chłodziwa

TCHA
SIGH9
140°

| | | | | | | | | Wymiary, mm, cale | | | | | | | | | | |
|------|------|------|-------|------|-------------------|---------------------|-------|-------------------|-------|-----|-------|-------|-------|-----|-------|-----|------|------------|
| DC | DC" | LU | LU" | ULDR | CZC _{MS} | Oznaczenie | GRADE | DCON | DCON" | OAL | OAL" | LF | LF" | LCF | LCF" | PL | PL" | BSG |
| 4.00 | .157 | 12.6 | .496 | 3 | 6 | 460.1-0400-012A1-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.4 | 2.575 | 24 | .945 | 0.6 | .024 | DIN 6537 K |
| 4.00 | .157 | 20.6 | .811 | 5 | 6 | 460.1-0400-020A1-XM | GC34 | 6.00 | .236 | 74 | 2.913 | 73.4 | 2.890 | 36 | 1.417 | 0.6 | .024 | DIN 6537 L |
| 4.00 | .157 | 32.6 | 1.283 | 8 | 6 | 460.1-0400-030A1-XM | GC34 | 6.00 | .236 | 90 | 3.543 | 89.4 | 3.520 | 48 | 1.890 | 0.6 | .024 | COROMANT |
| 4.04 | .159 | 20.8 | .819 | 5 | 6 | 460.1-0404-020A1-XM | GC34 | 6.00 | .236 | 74 | 2.913 | 73.4 | 2.890 | 36 | 1.417 | 0.6 | .024 | DIN 6537 L |
| 4.05 | .159 | 12.7 | .500 | 3 | 6 | 460.1-0405-012A1-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.4 | 2.575 | 24 | .945 | 0.6 | .024 | DIN 6537 K |
| 4.05 | .159 | 20.8 | .819 | 5 | 6 | 460.1-0405-020A1-XM | GC34 | 6.00 | .236 | 74 | 2.913 | 73.4 | 2.890 | 36 | 1.417 | 0.6 | .024 | DIN 6537 L |
| 4.09 | .161 | 21.0 | .827 | 5 | 6 | 460.1-0409-020A1-XM | GC34 | 6.00 | .236 | 74 | 2.913 | 73.4 | 2.890 | 36 | 1.417 | 0.6 | .024 | DIN 6537 L |
| 4.10 | .161 | 12.9 | .508 | 3 | 6 | 460.1-0410-012A1-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.4 | 2.575 | 24 | .945 | 0.6 | .024 | DIN 6537 K |
| 4.10 | .161 | 21.1 | .831 | 5 | 6 | 460.1-0410-021A1-XM | GC34 | 6.00 | .236 | 74 | 2.913 | 73.4 | 2.890 | 36 | 1.417 | 0.6 | .024 | DIN 6537 L |
| 4.10 | .161 | 33.4 | 1.315 | 8 | 6 | 460.1-0410-031A1-XM | GC34 | 6.00 | .236 | 90 | 3.543 | 89.4 | 3.520 | 48 | 1.890 | 0.6 | .024 | COROMANT |
| 4.15 | .163 | 21.4 | .843 | 5 | 6 | 460.1-0415-021A1-XM | GC34 | 6.00 | .236 | 74 | 2.913 | 73.4 | 2.890 | 36 | 1.417 | 0.6 | .024 | DIN 6537 L |
| 4.20 | .165 | 13.2 | .520 | 3 | 6 | 460.1-0420-013A1-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.4 | 2.575 | 24 | .945 | 0.6 | .024 | DIN 6537 K |
| 4.20 | .165 | 21.6 | .850 | 5 | 6 | 460.1-0420-021A1-XM | GC34 | 6.00 | .236 | 74 | 2.913 | 73.4 | 2.890 | 36 | 1.417 | 0.6 | .024 | DIN 6537 L |
| 4.20 | .165 | 34.2 | 1.346 | 8 | 6 | 460.1-0420-032A1-XM | GC34 | 6.00 | .236 | 90 | 3.543 | 89.4 | 3.520 | 48 | 1.890 | 0.6 | .024 | COROMANT |
| 4.22 | .166 | 21.7 | .854 | 5 | 6 | 460.1-0422-021A1-XM | GC34 | 6.00 | .236 | 74 | 2.913 | 73.4 | 2.890 | 36 | 1.417 | 0.6 | .024 | DIN 6537 L |
| 4.25 | .167 | 21.9 | .862 | 5 | 6 | 460.1-0425-021A1-XM | GC34 | 6.00 | .236 | 74 | 2.913 | 73.4 | 2.890 | 36 | 1.417 | 0.6 | .024 | DIN 6537 L |
| 4.30 | .169 | 13.5 | .531 | 3 | 6 | 460.1-0430-013A1-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.4 | 2.575 | 24 | .945 | 0.6 | .024 | DIN 6537 K |
| 4.30 | .169 | 22.1 | .870 | 5 | 6 | 460.1-0430-022A1-XM | GC34 | 6.00 | .236 | 74 | 2.913 | 73.4 | 2.890 | 36 | 1.417 | 0.6 | .024 | DIN 6537 L |
| 4.30 | .169 | 35.0 | 1.378 | 8 | 6 | 460.1-0430-032A1-XM | GC34 | 6.00 | .236 | 90 | 3.543 | 89.4 | 3.520 | 48 | 1.890 | 0.6 | .024 | COROMANT |
| 4.31 | .170 | 22.2 | .874 | 5 | 6 | 460.1-0431-022A1-XM | GC34 | 6.00 | .236 | 74 | 2.913 | 73.4 | 2.890 | 36 | 1.417 | 0.6 | .024 | DIN 6537 L |
| 4.35 | .171 | 22.4 | .882 | 5 | 6 | 460.1-0435-022A1-XM | GC34 | 6.00 | .236 | 74 | 2.913 | 73.4 | 2.890 | 36 | 1.417 | 0.6 | .024 | DIN 6537 L |
| 4.37 | .172 | 13.7 | .539 | 3 | 6 | 460.1-0437-013A1-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.4 | 2.575 | 24 | .945 | 0.6 | .024 | DIN 6537 K |
| 4.37 | .172 | 22.5 | .886 | 5 | 6 | 460.1-0437-022A1-XM | GC34 | 6.00 | .236 | 74 | 2.913 | 73.4 | 2.890 | 36 | 1.417 | 0.6 | .024 | DIN 6537 L |
| 4.37 | .172 | 35.6 | 1.402 | 8 | 6 | 460.1-0437-033A1-XM | GC34 | 6.00 | .236 | 90 | 3.543 | 89.4 | 3.520 | 48 | 1.890 | 0.6 | .024 | COROMANT |
| 4.39 | .173 | 22.6 | .890 | 5 | 6 | 460.1-0439-022A1-XM | GC34 | 6.00 | .236 | 74 | 2.913 | 73.4 | 2.890 | 36 | 1.417 | 0.6 | .024 | DIN 6537 L |
| 4.40 | .173 | 13.8 | .543 | 3 | 6 | 460.1-0440-013A1-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.4 | 2.575 | 24 | .945 | 0.6 | .024 | DIN 6537 K |
| 4.40 | .173 | 22.6 | .890 | 5 | 6 | 460.1-0440-022A1-XM | GC34 | 6.00 | .236 | 74 | 2.913 | 73.4 | 2.890 | 36 | 1.417 | 0.6 | .024 | DIN 6537 L |
| 4.45 | .175 | 22.9 | .902 | 5 | 6 | 460.1-0445-022A1-XM | GC34 | 6.00 | .236 | 74 | 2.913 | 73.4 | 2.890 | 36 | 1.417 | 0.6 | .024 | DIN 6537 L |
| 4.50 | .177 | 14.2 | .559 | 3 | 6 | 460.1-0450-014A1-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.3 | 2.571 | 24 | .945 | 0.7 | .028 | DIN 6537 K |
| 4.50 | .177 | 23.2 | .913 | 5 | 6 | 460.1-0450-023A1-XM | GC34 | 6.00 | .236 | 74 | 2.913 | 73.3 | 2.886 | 36 | 1.417 | 0.7 | .028 | DIN 6537 L |
| 4.50 | .177 | 36.7 | 1.445 | 8 | 6 | 460.1-0450-034A1-XM | GC34 | 6.00 | .236 | 90 | 3.543 | 89.3 | 3.516 | 48 | 1.890 | 0.7 | .028 | COROMANT |
| 4.57 | .180 | 23.5 | .925 | 5 | 6 | 460.1-0457-023A1-XM | GC34 | 6.00 | .236 | 74 | 2.913 | 73.3 | 2.886 | 36 | 1.417 | 0.7 | .028 | DIN 6537 L |
| 4.60 | .181 | 14.5 | .571 | 3 | 6 | 460.1-0460-014A1-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.3 | 2.571 | 24 | .945 | 0.7 | .028 | DIN 6537 K |
| 4.60 | .181 | 23.7 | .933 | 5 | 6 | 460.1-0460-023A1-XM | GC34 | 6.00 | .236 | 74 | 2.913 | 73.3 | 2.886 | 36 | 1.417 | 0.7 | .028 | DIN 6537 L |
| 4.60 | .181 | 37.5 | 1.476 | 8 | 6 | 460.1-0460-035A1-XM | GC34 | 6.00 | .236 | 90 | 3.543 | 89.3 | 3.516 | 48 | 1.890 | 0.7 | .028 | COROMANT |
| 4.62 | .182 | 23.8 | .937 | 5 | 6 | 460.1-0462-023A1-XM | GC34 | 6.00 | .236 | 74 | 2.913 | 73.3 | 2.886 | 36 | 1.417 | 0.7 | .028 | DIN 6537 L |
| 4.70 | .185 | 14.6 | .575 | 3 | 6 | 460.1-0470-014A1-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.3 | 2.571 | 24 | .945 | 0.7 | .028 | DIN 6537 K |
| 4.70 | .185 | 24.2 | .953 | 5 | 6 | 460.1-0470-024A1-XM | GC34 | 6.00 | .236 | 74 | 2.913 | 73.3 | 2.886 | 36 | 1.417 | 0.7 | .028 | DIN 6537 L |
| 4.70 | .185 | 38.3 | 1.508 | 8 | 6 | 460.1-0470-035A1-XM | GC34 | 6.00 | .236 | 90 | 3.543 | 89.3 | 3.516 | 48 | 1.890 | 0.7 | .028 | COROMANT |
| 4.76 | .187 | 15.0 | .591 | 3 | 6 | 460.1-0476-014A1-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.3 | 2.571 | 28 | 1.102 | 0.7 | .028 | DIN 6537 K |
| 4.76 | .187 | 24.5 | .965 | 5 | 6 | 460.1-0476-024A1-XM | GC34 | 6.00 | .236 | 82 | 3.228 | 81.3 | 3.201 | 44 | 1.732 | 0.7 | .028 | DIN 6537 L |
| 4.76 | .187 | 38.8 | 1.528 | 8 | 6 | 460.1-0476-036A1-XM | GC34 | 6.00 | .236 | 104 | 4.094 | 103.3 | 4.067 | 62 | 2.441 | 0.7 | .028 | COROMANT |
| 4.80 | .189 | 15.1 | .594 | 3 | 6 | 460.1-0480-014A1-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.3 | 2.571 | 28 | 1.102 | 0.7 | .028 | DIN 6537 K |
| 4.80 | .189 | 24.7 | .972 | 5 | 6 | 460.1-0480-024A1-XM | GC34 | 6.00 | .236 | 82 | 3.228 | 81.3 | 3.201 | 44 | 1.732 | 0.7 | .028 | DIN 6537 L |
| 4.80 | .189 | 39.1 | 1.539 | 8 | 6 | 460.1-0480-036A1-XM | GC34 | 6.00 | .236 | 104 | 4.094 | 103.3 | 4.067 | 62 | 2.441 | 0.7 | .028 | COROMANT |
| 4.85 | .191 | 25.0 | .984 | 5 | 6 | 460.1-0485-024A1-XM | GC34 | 6.00 | .236 | 82 | 3.228 | 81.3 | 3.201 | 44 | 1.732 | 0.7 | .028 | DIN 6537 L |



E8



E45



E36



E60

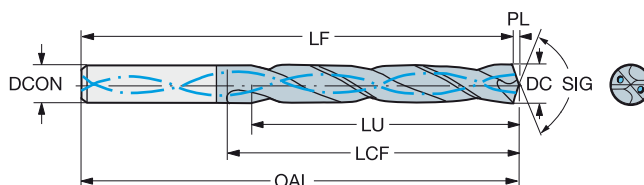


E50

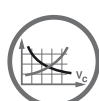
CoroDrill® 460, wiertło węglikowe

Do różnych materiałów

Wewnętrzne doprowadzenie chłodziwa

TCHA
SIGH9
140°

| | | | | | | | | Wymiary, mm, cale | | | | | | | | | | |
|------|------|------|-------|------|-------------------|---------------------|-------|-------------------|-------|-----|-------|-------|-------|-----|-------|-----|------|------------|
| DC | DC" | LU | LU" | ULDR | CZC _{MS} | Oznaczenie | GRADE | DCON | DCON" | OAL | OAL" | LF | LF" | LCF | LCF" | PL | PL" | BSG |
| 4.90 | .193 | 15.4 | .606 | 3 | 6 | 460.1-0490-015A1-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.3 | 2.571 | 28 | 1.102 | 0.7 | .028 | DIN 6537 K |
| 4.90 | .193 | 25.2 | .992 | 5 | 6 | 460.1-0490-025A1-XM | GC34 | 6.00 | .236 | 82 | 3.228 | 81.3 | 3.201 | 44 | 1.732 | 0.7 | .028 | DIN 6537 L |
| 4.92 | .194 | 25.3 | .996 | 5 | 6 | 460.1-0492-025A1-XM | GC34 | 6.00 | .236 | 82 | 3.228 | 81.3 | 3.201 | 44 | 1.732 | 0.7 | .028 | DIN 6537 L |
| 4.98 | .196 | 25.6 | 1.008 | 5 | 6 | 460.1-0498-025A1-XM | GC34 | 6.00 | .236 | 82 | 3.228 | 81.3 | 3.201 | 44 | 1.732 | 0.7 | .028 | DIN 6537 L |
| 5.00 | .197 | 15.7 | .618 | 3 | 6 | 460.1-0500-015A1-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.3 | 2.571 | 28 | 1.102 | 0.7 | .028 | DIN 6537 K |
| 5.00 | .197 | 25.7 | 1.012 | 5 | 6 | 460.1-0500-025A1-XM | GC34 | 6.00 | .236 | 82 | 3.228 | 81.3 | 3.201 | 44 | 1.732 | 0.7 | .028 | DIN 6537 L |
| 5.00 | .197 | 40.7 | 1.602 | 8 | 6 | 460.1-0500-038A1-XM | GC34 | 6.00 | .236 | 104 | 4.094 | 103.3 | 4.067 | 62 | 2.441 | 0.7 | .028 | COROMANT |
| 5.05 | .199 | 15.9 | .626 | 3 | 6 | 460.1-0505-015A1-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.3 | 2.571 | 28 | 1.102 | 0.7 | .028 | DIN 6537 K |
| 5.05 | .199 | 26.0 | 1.024 | 5 | 6 | 460.1-0505-025A1-XM | GC34 | 6.00 | .236 | 82 | 3.228 | 81.3 | 3.201 | 44 | 1.732 | 0.7 | .028 | DIN 6537 L |
| 5.06 | .199 | 26.0 | 1.024 | 5 | 6 | 460.1-0506-025A1-XM | GC34 | 6.00 | .236 | 82 | 3.228 | 81.3 | 3.201 | 44 | 1.732 | 0.7 | .028 | DIN 6537 L |
| 5.10 | .201 | 16.0 | .630 | 3 | 6 | 460.1-0510-015A1-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.3 | 2.571 | 28 | 1.102 | 0.7 | .028 | DIN 6537 K |
| 5.10 | .201 | 26.2 | 1.032 | 5 | 6 | 460.1-0510-026A1-XM | GC34 | 6.00 | .236 | 82 | 3.228 | 81.3 | 3.201 | 44 | 1.732 | 0.7 | .028 | DIN 6537 L |
| 5.10 | .201 | 41.5 | 1.634 | 8 | 6 | 460.1-0510-038A1-XM | GC34 | 6.00 | .236 | 104 | 4.094 | 103.3 | 4.067 | 62 | 2.441 | 0.7 | .028 | COROMANT |
| 5.11 | .201 | 26.3 | 1.035 | 5 | 6 | 460.1-0511-026A1-XM | GC34 | 6.00 | .236 | 82 | 3.228 | 81.3 | 3.201 | 44 | 1.732 | 0.7 | .028 | DIN 6537 L |
| 5.16 | .203 | 16.2 | .638 | 3 | 6 | 460.1-0516-016A1-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.2 | 2.567 | 28 | 1.102 | 0.8 | .031 | DIN 6537 K |
| 5.16 | .203 | 26.5 | 1.043 | 5 | 6 | 460.1-0516-026A1-XM | GC34 | 6.00 | .236 | 82 | 3.228 | 81.2 | 3.197 | 44 | 1.732 | 0.8 | .031 | DIN 6537 L |
| 5.16 | .203 | 42.0 | 1.654 | 8 | 6 | 460.1-0516-039A1-XM | GC34 | 6.00 | .236 | 104 | 4.094 | 103.2 | 4.063 | 62 | 2.441 | 0.8 | .031 | COROMANT |
| 5.18 | .204 | 26.7 | 1.051 | 5 | 6 | 460.1-0518-026A1-XM | GC34 | 6.00 | .236 | 82 | 3.228 | 81.2 | 3.197 | 44 | 1.732 | 0.8 | .031 | DIN 6537 L |
| 5.20 | .205 | 16.4 | .646 | 3 | 6 | 460.1-0520-016A1-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.2 | 2.567 | 28 | 1.102 | 0.8 | .031 | DIN 6537 K |
| 5.20 | .205 | 26.8 | 1.055 | 5 | 6 | 460.1-0520-026A1-XM | GC34 | 6.00 | .236 | 82 | 3.228 | 81.2 | 3.197 | 44 | 1.732 | 0.8 | .031 | DIN 6537 L |
| 5.20 | .205 | 42.4 | 1.669 | 8 | 6 | 460.1-0520-039A1-XM | GC34 | 6.00 | .236 | 104 | 4.094 | 103.2 | 4.063 | 62 | 2.441 | 0.8 | .031 | COROMANT |
| 5.22 | .206 | 26.9 | 1.059 | 5 | 6 | 460.1-0522-026A1-XM | GC34 | 6.00 | .236 | 82 | 3.228 | 81.2 | 3.197 | 44 | 1.732 | 0.8 | .031 | DIN 6537 L |
| 5.25 | .207 | 27.0 | 1.063 | 5 | 6 | 460.1-0525-026A1-XM | GC34 | 6.00 | .236 | 82 | 3.228 | 81.2 | 3.197 | 44 | 1.732 | 0.8 | .031 | DIN 6537 L |
| 5.31 | .209 | 27.3 | 1.075 | 5 | 6 | 460.1-0531-027A1-XM | GC34 | 6.00 | .236 | 82 | 3.228 | 81.2 | 3.197 | 44 | 1.732 | 0.8 | .031 | DIN 6537 L |
| 5.41 | .213 | 27.8 | 1.094 | 5 | 6 | 460.1-0541-027A1-XM | GC34 | 6.00 | .236 | 82 | 3.228 | 81.2 | 3.197 | 44 | 1.732 | 0.8 | .031 | DIN 6537 L |
| 5.50 | .217 | 17.3 | .681 | 3 | 6 | 460.1-0550-017A1-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.2 | 2.567 | 28 | 1.102 | 0.8 | .031 | DIN 6537 K |
| 5.50 | .217 | 28.3 | 1.114 | 5 | 6 | 460.1-0550-028A1-XM | GC34 | 6.00 | .236 | 82 | 3.228 | 81.2 | 3.197 | 44 | 1.732 | 0.8 | .031 | DIN 6537 L |
| 5.50 | .217 | 44.8 | 1.764 | 8 | 6 | 460.1-0550-041A1-XM | GC34 | 6.00 | .236 | 104 | 4.094 | 103.2 | 4.063 | 62 | 2.441 | 0.8 | .031 | COROMANT |
| 5.56 | .219 | 17.5 | .689 | 3 | 6 | 460.1-0556-017A1-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.2 | 2.567 | 28 | 1.102 | 0.8 | .031 | DIN 6537 K |
| 5.56 | .219 | 28.6 | 1.126 | 5 | 6 | 460.1-0556-028A1-XM | GC34 | 6.00 | .236 | 82 | 3.228 | 81.2 | 3.197 | 44 | 1.732 | 0.8 | .031 | DIN 6537 L |
| 5.56 | .219 | 45.3 | 1.783 | 8 | 6 | 460.1-0556-042A1-XM | GC34 | 6.00 | .236 | 104 | 4.094 | 103.2 | 4.063 | 62 | 2.441 | 0.8 | .031 | COROMANT |
| 5.60 | .220 | 17.6 | .693 | 3 | 6 | 460.1-0560-017A1-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.2 | 2.567 | 28 | 1.102 | 0.8 | .031 | DIN 6537 K |
| 5.60 | .220 | 28.8 | 1.134 | 5 | 6 | 460.1-0560-028A1-XM | GC34 | 6.00 | .236 | 82 | 3.228 | 81.2 | 3.197 | 44 | 1.732 | 0.8 | .031 | DIN 6537 L |
| 5.61 | .221 | 28.9 | 1.138 | 5 | 6 | 460.1-0561-028A1-XM | GC34 | 6.00 | .236 | 82 | 3.228 | 81.2 | 3.197 | 44 | 1.732 | 0.8 | .031 | DIN 6537 L |
| 5.65 | .222 | 29.1 | 1.146 | 5 | 6 | 460.1-0565-028A1-XM | GC34 | 6.00 | .236 | 82 | 3.228 | 81.2 | 3.197 | 44 | 1.732 | 0.8 | .031 | DIN 6537 L |
| 5.70 | .224 | 17.7 | .697 | 3 | 6 | 460.1-0570-017A1-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.2 | 2.567 | 28 | 1.102 | 0.8 | .031 | DIN 6537 K |
| 5.70 | .224 | 29.3 | 1.154 | 5 | 6 | 460.1-0570-029A1-XM | GC34 | 6.00 | .236 | 82 | 3.228 | 81.2 | 3.197 | 44 | 1.732 | 0.8 | .031 | DIN 6537 L |
| 5.70 | .224 | 46.4 | 1.827 | 8 | 6 | 460.1-0570-043A1-XM | GC34 | 6.00 | .236 | 104 | 4.094 | 103.2 | 4.063 | 62 | 2.441 | 0.8 | .031 | COROMANT |
| 5.75 | .226 | 29.6 | 1.165 | 5 | 6 | 460.1-0575-029A1-XM | GC34 | 6.00 | .236 | 82 | 3.228 | 81.2 | 3.197 | 44 | 1.732 | 0.8 | .031 | DIN 6537 L |
| 5.79 | .228 | 29.8 | 1.173 | 5 | 6 | 460.1-0579-029A1-XM | GC34 | 6.00 | .236 | 82 | 3.228 | 81.2 | 3.197 | 44 | 1.732 | 0.8 | .031 | DIN 6537 L |
| 5.80 | .228 | 17.6 | .693 | 3 | 6 | 460.1-0580-017A1-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.1 | 2.563 | 28 | 1.102 | 0.9 | .035 | DIN 6537 K |
| 5.80 | .228 | 29.9 | 1.177 | 5 | 6 | 460.1-0580-029A1-XM | GC34 | 6.00 | .236 | 82 | 3.228 | 81.1 | 3.193 | 44 | 1.732 | 0.9 | .035 | DIN 6537 L |
| 5.80 | .228 | 47.3 | 1.862 | 8 | 6 | 460.1-0580-044A1-XM | GC34 | 6.00 | .236 | 104 | 4.094 | 103.1 | 4.059 | 62 | 2.441 | 0.9 | .035 | COROMANT |
| 5.90 | .232 | 30.4 | 1.197 | 5 | 6 | 460.1-0590-030A1-XM | GC34 | 6.00 | .236 | 82 | 3.228 | 81.1 | 3.193 | 44 | 1.732 | 0.9 | .035 | DIN 6537 L |
| 5.94 | .234 | 30.6 | 1.205 | 5 | 6 | 460.1-0594-030A1-XM | GC34 | 6.00 | .236 | 82 | 3.228 | 81.1 | 3.193 | 44 | 1.732 | 0.9 | .035 | DIN 6537 L |
| 5.95 | .234 | 17.3 | .681 | 2 | 6 | 460.1-0595-018A1-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.1 | 2.563 | 28 | 1.102 | 0.9 | .035 | DIN 6537 K |
| 5.95 | .234 | 30.6 | 1.205 | 5 | 6 | 460.1-0595-030A1-XM | GC34 | 6.00 | .236 | 82 | 3.228 | 81.1 | 3.193 | 44 | 1.732 | 0.9 | .035 | DIN 6537 L |
| 5.95 | .234 | 48.5 | 1.909 | 8 | 6 | 460.1-0595-045A1-XM | GC34 | 6.00 | .236 | 104 | 4.094 | 103.1 | 4.059 | 62 | 2.441 | 0.9 | .035 | COROMANT |



E8



E45



E36



E60



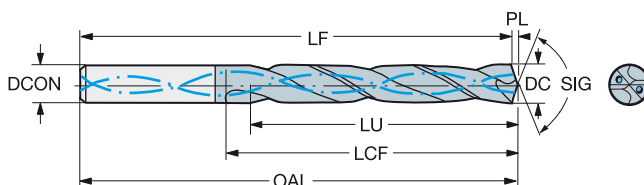
E50



CoroDrill® 460, wiertło węglikowe

Do różnych materiałów

Wewnętrzne doprowadzenie chłodziwa

TCHA
SIGH9
140°

| | | | | | | | | Wymiary, mm, cale | | | | | | | | | | |
|------|------|------|-------|------|-------------------|---------------------|-------|-------------------|-------|-----|-------|-------|-------|-----|-------|-----|------|------------|
| DC | DC" | LU | LU" | ULDR | CZC _{MS} | Oznaczenie | GRADE | DCON | DCON" | OAL | OAL" | LF | LF" | LCF | LCF" | PL | PL" | BSG |
| 6.00 | .236 | 18.9 | .744 | 3 | 6 | 460.1-0600-018A1-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.1 | 2.563 | 28 | 1.102 | 0.9 | .035 | DIN 6537 K |
| 6.00 | .236 | 30.9 | 1.217 | 5 | 6 | 460.1-0600-030A1-XM | GC34 | 6.00 | .236 | 82 | 3.228 | 81.1 | 3.193 | 44 | 1.732 | 0.9 | .035 | DIN 6537 L |
| 6.00 | .236 | 48.9 | 1.925 | 8 | 6 | 460.1-0600-045A1-XM | GC34 | 6.00 | .236 | 104 | 4.094 | 103.1 | 4.059 | 62 | 2.441 | 0.9 | .035 | COROMANT |
| 6.05 | .238 | 19.0 | .748 | 3 | 8 | 460.1-0605-018A1-XM | GC34 | 8.00 | .315 | 79 | 3.110 | 78.1 | 3.075 | 34 | 1.339 | 0.9 | .035 | DIN 6537 K |
| 6.05 | .238 | 31.1 | 1.224 | 5 | 8 | 460.1-0605-030A1-XM | GC34 | 8.00 | .315 | 91 | 3.583 | 90.1 | 3.547 | 53 | 2.087 | 0.9 | .035 | DIN 6537 L |
| 6.10 | .240 | 19.2 | .756 | 3 | 8 | 460.1-0610-018A1-XM | GC34 | 8.00 | .315 | 79 | 3.110 | 78.1 | 3.075 | 34 | 1.339 | 0.9 | .035 | DIN 6537 K |
| 6.10 | .240 | 31.4 | 1.236 | 5 | 8 | 460.1-0610-031A1-XM | GC34 | 8.00 | .315 | 91 | 3.583 | 90.1 | 3.547 | 53 | 2.087 | 0.9 | .035 | DIN 6537 L |
| 6.10 | .240 | 49.7 | 1.957 | 8 | 8 | 460.1-0610-046A1-XM | GC34 | 8.00 | .315 | 126 | 4.961 | 125.1 | 4.925 | 84 | 3.307 | 0.9 | .035 | COROMANT |
| 6.15 | .242 | 31.7 | 1.248 | 5 | 8 | 460.1-0615-031A1-XM | GC34 | 8.00 | .315 | 91 | 3.583 | 90.1 | 3.547 | 53 | 2.087 | 0.9 | .035 | DIN 6537 L |
| 6.20 | .244 | 19.5 | .768 | 3 | 8 | 460.1-0620-019A1-XM | GC34 | 8.00 | .315 | 79 | 3.110 | 78.1 | 3.075 | 34 | 1.339 | 0.9 | .035 | DIN 6537 K |
| 6.20 | .244 | 31.9 | 1.256 | 5 | 8 | 460.1-0620-031A1-XM | GC34 | 8.00 | .315 | 91 | 3.583 | 90.1 | 3.547 | 53 | 2.087 | 0.9 | .035 | DIN 6537 L |
| 6.20 | .244 | 50.5 | 1.988 | 8 | 8 | 460.1-0620-047A1-XM | GC34 | 8.00 | .315 | 126 | 4.961 | 125.1 | 4.925 | 84 | 3.307 | 0.9 | .035 | COROMANT |
| 6.25 | .246 | 32.2 | 1.268 | 5 | 8 | 460.1-0625-031A1-XM | GC34 | 8.00 | .315 | 91 | 3.583 | 90.1 | 3.547 | 53 | 2.087 | 0.9 | .035 | DIN 6537 L |
| 6.30 | .248 | 19.8 | .780 | 3 | 8 | 460.1-0630-019A1-XM | GC34 | 8.00 | .315 | 79 | 3.110 | 78.1 | 3.075 | 34 | 1.339 | 0.9 | .035 | DIN 6537 K |
| 6.30 | .248 | 32.4 | 1.276 | 5 | 8 | 460.1-0630-032A1-XM | GC34 | 8.00 | .315 | 91 | 3.583 | 90.1 | 3.547 | 53 | 2.087 | 0.9 | .035 | DIN 6537 L |
| 6.35 | .250 | 20.0 | .787 | 3 | 8 | 460.1-0635-019A1-XM | GC34 | 8.00 | .315 | 79 | 3.110 | 78.1 | 3.075 | 34 | 1.339 | 0.9 | .035 | DIN 6537 K |
| 6.35 | .250 | 32.7 | 1.287 | 5 | 8 | 460.1-0635-032A1-XM | GC34 | 8.00 | .315 | 91 | 3.583 | 90.1 | 3.547 | 53 | 2.087 | 0.9 | .035 | DIN 6537 L |
| 6.35 | .250 | 51.7 | 2.035 | 8 | 8 | 460.1-0635-048A1-XM | GC34 | 8.00 | .315 | 126 | 4.961 | 125.1 | 4.925 | 84 | 3.307 | 0.9 | .035 | COROMANT |
| 6.40 | .252 | 20.1 | .791 | 3 | 8 | 460.1-0640-019A1-XM | GC34 | 8.00 | .315 | 79 | 3.110 | 78.1 | 3.075 | 34 | 1.339 | 0.9 | .035 | DIN 6537 K |
| 6.40 | .252 | 32.9 | 1.295 | 5 | 8 | 460.1-0640-032A1-XM | GC34 | 8.00 | .315 | 91 | 3.583 | 90.1 | 3.547 | 53 | 2.087 | 0.9 | .035 | DIN 6537 L |
| 6.50 | .256 | 20.5 | .807 | 3 | 8 | 460.1-0650-020A1-XM | GC34 | 8.00 | .315 | 79 | 3.110 | 78.0 | 3.071 | 34 | 1.339 | 1.0 | .039 | DIN 6537 K |
| 6.50 | .256 | 33.5 | 1.319 | 5 | 8 | 460.1-0650-033A1-XM | GC34 | 8.00 | .315 | 91 | 3.583 | 90.0 | 3.543 | 53 | 2.087 | 1.0 | .039 | DIN 6537 L |
| 6.50 | .256 | 53.0 | 2.087 | 8 | 8 | 460.1-0650-049A1-XM | GC34 | 8.00 | .315 | 126 | 4.961 | 125.0 | 4.921 | 84 | 3.307 | 1.0 | .039 | COROMANT |
| 6.53 | .257 | 33.6 | 1.323 | 5 | 8 | 460.1-0653-033A1-XM | GC34 | 8.00 | .315 | 91 | 3.583 | 90.0 | 3.543 | 53 | 2.087 | 1.0 | .039 | DIN 6537 L |
| 6.60 | .260 | 20.8 | .819 | 3 | 8 | 460.1-0660-020A1-XM | GC34 | 8.00 | .315 | 79 | 3.110 | 78.0 | 3.071 | 34 | 1.339 | 1.0 | .039 | DIN 6537 K |
| 6.60 | .260 | 34.0 | 1.339 | 5 | 8 | 460.1-0660-033A1-XM | GC34 | 8.00 | .315 | 91 | 3.583 | 90.0 | 3.543 | 53 | 2.087 | 1.0 | .039 | DIN 6537 L |
| 6.60 | .260 | 53.8 | 2.118 | 8 | 8 | 460.1-0660-050A1-XM | GC34 | 8.00 | .315 | 126 | 4.961 | 125.0 | 4.921 | 84 | 3.307 | 1.0 | .039 | COROMANT |
| 6.63 | .261 | 34.1 | 1.343 | 5 | 8 | 460.1-0663-033A1-XM | GC34 | 8.00 | .315 | 91 | 3.583 | 90.0 | 3.543 | 53 | 2.087 | 1.0 | .039 | DIN 6537 L |
| 6.70 | .264 | 21.1 | .831 | 3 | 8 | 460.1-0670-020A1-XM | GC34 | 8.00 | .315 | 79 | 3.110 | 78.0 | 3.071 | 34 | 1.339 | 1.0 | .039 | DIN 6537 K |
| 6.70 | .264 | 34.5 | 1.358 | 5 | 8 | 460.1-0670-034A1-XM | GC34 | 8.00 | .315 | 91 | 3.583 | 90.0 | 3.543 | 53 | 2.087 | 1.0 | .039 | DIN 6537 L |
| 6.70 | .264 | 54.6 | 2.150 | 8 | 8 | 460.1-0670-050A1-XM | GC34 | 8.00 | .315 | 126 | 4.961 | 125.0 | 4.921 | 84 | 3.307 | 1.0 | .039 | COROMANT |
| 6.75 | .266 | 21.2 | .835 | 3 | 8 | 460.1-0675-020A1-XM | GC34 | 8.00 | .315 | 79 | 3.110 | 78.0 | 3.071 | 34 | 1.339 | 1.0 | .039 | DIN 6537 K |
| 6.75 | .266 | 34.7 | 1.366 | 5 | 8 | 460.1-0675-034A1-XM | GC34 | 8.00 | .315 | 91 | 3.583 | 90.0 | 3.543 | 53 | 2.087 | 1.0 | .039 | DIN 6537 L |
| 6.75 | .266 | 55.0 | 2.165 | 8 | 8 | 460.1-0675-051A1-XM | GC34 | 8.00 | .315 | 126 | 4.961 | 125.0 | 4.921 | 84 | 3.307 | 1.0 | .039 | COROMANT |
| 6.76 | .266 | 34.8 | 1.370 | 5 | 8 | 460.1-0676-034A1-XM | GC34 | 8.00 | .315 | 91 | 3.583 | 90.0 | 3.543 | 53 | 2.087 | 1.0 | .039 | DIN 6537 L |
| 6.80 | .268 | 21.4 | .843 | 3 | 8 | 460.1-0680-020A1-XM | GC34 | 8.00 | .315 | 79 | 3.110 | 78.0 | 3.071 | 34 | 1.339 | 1.0 | .039 | DIN 6537 K |
| 6.80 | .268 | 35.0 | 1.378 | 5 | 8 | 460.1-0680-034A1-XM | GC34 | 8.00 | .315 | 91 | 3.583 | 90.0 | 3.543 | 53 | 2.087 | 1.0 | .039 | DIN 6537 L |
| 6.80 | .268 | 55.4 | 2.181 | 8 | 8 | 460.1-0680-051A1-XM | GC34 | 8.00 | .315 | 126 | 4.961 | 125.0 | 4.921 | 84 | 3.307 | 1.0 | .039 | COROMANT |
| 6.85 | .270 | 35.3 | 1.390 | 5 | 8 | 460.1-0685-034A1-XM | GC34 | 8.00 | .315 | 91 | 3.583 | 90.0 | 3.543 | 53 | 2.087 | 1.0 | .039 | DIN 6537 L |
| 6.90 | .272 | 21.7 | .854 | 3 | 8 | 460.1-0690-021A1-XM | GC34 | 8.00 | .315 | 79 | 3.110 | 78.0 | 3.071 | 34 | 1.339 | 1.0 | .039 | DIN 6537 K |
| 6.90 | .272 | 35.5 | 1.398 | 5 | 8 | 460.1-0690-035A1-XM | GC34 | 8.00 | .315 | 91 | 3.583 | 90.0 | 3.543 | 53 | 2.087 | 1.0 | .039 | DIN 6537 L |
| 6.90 | .272 | 56.2 | 2.213 | 8 | 8 | 460.1-0690-052A1-XM | GC34 | 8.00 | .315 | 126 | 4.961 | 125.0 | 4.921 | 84 | 3.307 | 1.0 | .039 | COROMANT |
| 6.91 | .272 | 35.6 | 1.402 | 5 | 8 | 460.1-0691-035A1-XM | GC34 | 8.00 | .315 | 91 | 3.583 | 90.0 | 3.543 | 53 | 2.087 | 1.0 | .039 | DIN 6537 L |
| 7.00 | .276 | 22.0 | .866 | 3 | 8 | 460.1-0700-021A1-XM | GC34 | 8.00 | .315 | 79 | 3.110 | 78.0 | 3.071 | 34 | 1.339 | 1.0 | .039 | DIN 6537 K |
| 7.00 | .276 | 36.0 | 1.417 | 5 | 8 | 460.1-0700-035A1-XM | GC34 | 8.00 | .315 | 91 | 3.583 | 90.0 | 3.543 | 53 | 2.087 | 1.0 | .039 | DIN 6537 L |
| 7.00 | .276 | 57.0 | 2.244 | 8 | 8 | 460.1-0700-053A1-XM | GC34 | 8.00 | .315 | 126 | 4.961 | 125.0 | 4.921 | 84 | 3.307 | 1.0 | .039 | COROMANT |
| 7.04 | .277 | 36.2 | 1.425 | 5 | 8 | 460.1-0704-035A1-XM | GC34 | 8.00 | .315 | 91 | 3.583 | 90.0 | 3.543 | 53 | 2.087 | 1.0 | .039 | DIN 6537 L |
| 7.10 | .280 | 22.3 | .878 | 3 | 8 | 460.1-0710-021A1-XM | GC34 | 8.00 | .315 | 79 | 3.110 | 78.0 | 3.071 | 41 | 1.614 | 1.0 | .039 | DIN 6537 K |



E8



E45



E36



E60

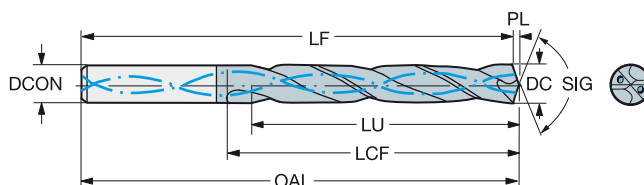


E50

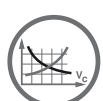
CoroDrill® 460, wiertło węglikowe

Do różnych materiałów

Wewnętrzne doprowadzenie chłodziwa

TCHA
SIGH9
140°

| | | | | | | | | Wymiary, mm, cale | | | | | | | | | | |
|------|------|------|-------|------|-------------------|---------------------|-------|-------------------|-------|-----|-------|-------|-------|-----|-------|-----|------|------------|
| DC | DC" | LU | LU" | ULDR | CZC _{MS} | Oznaczenie | GRADE | DCON | DCON" | OAL | OAL" | LF | LF" | LCF | LCF" | PL | PL" | BSG |
| 7.10 | .280 | 36.5 | 1.437 | 5 | 8 | 460.1-0710-036A1-XM | GC34 | 8.00 | .315 | 91 | 3.583 | 90.0 | 3.543 | 53 | 2.087 | 1.0 | .039 | DIN 6537 L |
| 7.14 | .281 | 22.5 | .886 | 3 | 8 | 460.1-0714-021A1-XM | GC34 | 8.00 | .315 | 79 | 3.110 | 77.9 | 3.067 | 41 | 1.614 | 1.1 | .043 | DIN 6537 K |
| 7.14 | .281 | 36.8 | 1.449 | 5 | 8 | 460.1-0714-036A1-XM | GC34 | 8.00 | .315 | 91 | 3.583 | 89.9 | 3.539 | 53 | 2.087 | 1.1 | .043 | DIN 6537 L |
| 7.14 | .281 | 58.2 | 2.291 | 8 | 8 | 460.1-0714-054A1-XM | GC34 | 8.00 | .315 | 126 | 4.961 | 124.9 | 4.917 | 84 | 3.307 | 1.1 | .043 | COROMANT |
| 7.20 | .283 | 37.1 | 1.461 | 5 | 8 | 460.1-0720-036A1-XM | GC34 | 8.00 | .315 | 91 | 3.583 | 89.9 | 3.539 | 53 | 2.087 | 1.1 | .043 | DIN 6537 L |
| 7.20 | .283 | 58.7 | 2.311 | 8 | 8 | 460.1-0720-054A1-XM | GC34 | 8.00 | .315 | 126 | 4.961 | 124.9 | 4.917 | 84 | 3.307 | 1.1 | .043 | COROMANT |
| 7.25 | .285 | 37.3 | 1.469 | 5 | 8 | 460.1-0725-036A1-XM | GC34 | 8.00 | .315 | 91 | 3.583 | 89.9 | 3.539 | 53 | 2.087 | 1.1 | .043 | DIN 6537 L |
| 7.30 | .287 | 23.0 | .906 | 3 | 8 | 460.1-0730-022A1-XM | GC34 | 8.00 | .315 | 79 | 3.110 | 77.9 | 3.067 | 41 | 1.614 | 1.1 | .043 | DIN 6537 K |
| 7.30 | .287 | 37.6 | 1.480 | 5 | 8 | 460.1-0730-037A1-XM | GC34 | 8.00 | .315 | 91 | 3.583 | 89.9 | 3.539 | 53 | 2.087 | 1.1 | .043 | DIN 6537 L |
| 7.37 | .290 | 37.9 | 1.492 | 5 | 8 | 460.1-0737-037A1-XM | GC34 | 8.00 | .315 | 91 | 3.583 | 89.9 | 3.539 | 53 | 2.087 | 1.1 | .043 | DIN 6537 L |
| 7.40 | .291 | 23.3 | .917 | 3 | 8 | 460.1-0740-022A1-XM | GC34 | 8.00 | .315 | 79 | 3.110 | 77.9 | 3.067 | 41 | 1.614 | 1.1 | .043 | DIN 6537 K |
| 7.40 | .291 | 38.1 | 1.500 | 5 | 8 | 460.1-0740-037A1-XM | GC34 | 8.00 | .315 | 91 | 3.583 | 89.9 | 3.539 | 53 | 2.087 | 1.1 | .043 | DIN 6537 L |
| 7.40 | .291 | 60.3 | 2.374 | 8 | 8 | 460.1-0740-056A1-XM | GC34 | 8.00 | .315 | 126 | 4.961 | 124.9 | 4.917 | 84 | 3.307 | 1.1 | .043 | COROMANT |
| 7.45 | .293 | 38.3 | 1.508 | 5 | 8 | 460.1-0745-037A1-XM | GC34 | 8.00 | .315 | 91 | 3.583 | 89.9 | 3.539 | 53 | 2.087 | 1.1 | .043 | DIN 6537 L |
| 7.49 | .295 | 38.6 | 1.520 | 5 | 8 | 460.1-0749-037A1-XM | GC34 | 8.00 | .315 | 91 | 3.583 | 89.9 | 3.539 | 53 | 2.087 | 1.1 | .043 | DIN 6537 L |
| 7.50 | .295 | 23.6 | .929 | 3 | 8 | 460.1-0750-023A1-XM | GC34 | 8.00 | .315 | 79 | 3.110 | 77.9 | 3.067 | 41 | 1.614 | 1.1 | .043 | DIN 6537 K |
| 7.50 | .295 | 38.6 | 1.520 | 5 | 8 | 460.1-0750-038A1-XM | GC34 | 8.00 | .315 | 91 | 3.583 | 89.9 | 3.539 | 53 | 2.087 | 1.1 | .043 | DIN 6537 L |
| 7.50 | .295 | 61.1 | 2.406 | 8 | 8 | 460.1-0750-056A1-XM | GC34 | 8.00 | .315 | 126 | 4.961 | 124.9 | 4.917 | 84 | 3.307 | 1.1 | .043 | COROMANT |
| 7.54 | .297 | 23.7 | .933 | 3 | 8 | 460.1-0754-023A1-XM | GC34 | 8.00 | .315 | 79 | 3.110 | 77.9 | 3.067 | 41 | 1.614 | 1.1 | .043 | DIN 6537 K |
| 7.54 | .297 | 38.8 | 1.528 | 5 | 8 | 460.1-0754-038A1-XM | GC34 | 8.00 | .315 | 91 | 3.583 | 89.9 | 3.539 | 53 | 2.087 | 1.1 | .043 | DIN 6537 L |
| 7.54 | .297 | 61.4 | 2.417 | 8 | 8 | 460.1-0754-057A1-XM | GC34 | 8.00 | .315 | 126 | 4.961 | 124.9 | 4.917 | 84 | 3.307 | 1.1 | .043 | COROMANT |
| 7.60 | .299 | 23.9 | .941 | 3 | 8 | 460.1-0760-023A1-XM | GC34 | 8.00 | .315 | 79 | 3.110 | 77.9 | 3.067 | 41 | 1.614 | 1.1 | .043 | DIN 6537 K |
| 7.60 | .299 | 39.1 | 1.539 | 5 | 8 | 460.1-0760-038A1-XM | GC34 | 8.00 | .315 | 91 | 3.583 | 89.9 | 3.539 | 53 | 2.087 | 1.1 | .043 | DIN 6537 L |
| 7.60 | .299 | 61.9 | 2.437 | 8 | 8 | 460.1-0760-057A1-XM | GC34 | 8.00 | .315 | 126 | 4.961 | 124.9 | 4.917 | 84 | 3.307 | 1.1 | .043 | COROMANT |
| 7.67 | .302 | 39.5 | 1.555 | 5 | 8 | 460.1-0767-038A1-XM | GC34 | 8.00 | .315 | 91 | 3.583 | 89.9 | 3.539 | 53 | 2.087 | 1.1 | .043 | DIN 6537 L |
| 7.70 | .303 | 24.2 | .953 | 3 | 8 | 460.1-0770-023A1-XM | GC34 | 8.00 | .315 | 79 | 3.110 | 77.9 | 3.067 | 41 | 1.614 | 1.1 | .043 | DIN 6537 K |
| 7.70 | .303 | 39.6 | 1.559 | 5 | 8 | 460.1-0770-039A1-XM | GC34 | 8.00 | .315 | 91 | 3.583 | 89.9 | 3.539 | 53 | 2.087 | 1.1 | .043 | DIN 6537 L |
| 7.70 | .303 | 62.7 | 2.469 | 8 | 8 | 460.1-0770-058A1-XM | GC34 | 8.00 | .315 | 126 | 4.961 | 124.9 | 4.917 | 84 | 3.307 | 1.1 | .043 | COROMANT |
| 7.80 | .307 | 24.6 | .969 | 3 | 8 | 460.1-0780-023A1-XM | GC34 | 8.00 | .315 | 79 | 3.110 | 77.8 | 3.063 | 41 | 1.614 | 1.2 | .047 | DIN 6537 K |
| 7.80 | .307 | 40.2 | 1.583 | 5 | 8 | 460.1-0780-039A1-XM | GC34 | 8.00 | .315 | 91 | 3.583 | 89.8 | 3.535 | 53 | 2.087 | 1.2 | .047 | DIN 6537 L |
| 7.80 | .307 | 63.6 | 2.504 | 8 | 8 | 460.1-0780-059A1-XM | GC34 | 8.00 | .315 | 126 | 4.961 | 124.8 | 4.913 | 84 | 3.307 | 1.2 | .047 | COROMANT |
| 7.90 | .311 | 24.9 | .980 | 3 | 8 | 460.1-0790-024A1-XM | GC34 | 8.00 | .315 | 79 | 3.110 | 77.8 | 3.063 | 41 | 1.614 | 1.2 | .047 | DIN 6537 K |
| 7.90 | .311 | 40.7 | 1.602 | 5 | 8 | 460.1-0790-040A1-XM | GC34 | 8.00 | .315 | 91 | 3.583 | 89.8 | 3.535 | 53 | 2.087 | 1.2 | .047 | DIN 6537 L |
| 7.94 | .313 | 25.0 | .984 | 3 | 8 | 460.1-0794-024A1-XM | GC34 | 8.00 | .315 | 79 | 3.110 | 77.8 | 3.063 | 41 | 1.614 | 1.2 | .047 | DIN 6537 K |
| 7.94 | .313 | 40.9 | 1.610 | 5 | 8 | 460.1-0794-040A1-XM | GC34 | 8.00 | .315 | 91 | 3.583 | 89.8 | 3.535 | 53 | 2.087 | 1.2 | .047 | DIN 6537 L |
| 7.94 | .313 | 64.7 | 2.547 | 8 | 8 | 460.1-0794-060A1-XM | GC34 | 8.00 | .315 | 126 | 4.961 | 124.8 | 4.913 | 84 | 3.307 | 1.2 | .047 | COROMANT |
| 8.00 | .315 | 25.2 | .992 | 3 | 8 | 460.1-0800-024A1-XM | GC34 | 8.00 | .315 | 79 | 3.110 | 77.8 | 3.063 | 41 | 1.614 | 1.2 | .047 | DIN 6537 K |
| 8.00 | .315 | 41.2 | 1.622 | 5 | 8 | 460.1-0800-040A1-XM | GC34 | 8.00 | .315 | 91 | 3.583 | 89.8 | 3.535 | 53 | 2.087 | 1.2 | .047 | DIN 6537 L |
| 8.00 | .315 | 65.2 | 2.567 | 8 | 8 | 460.1-0800-060A1-XM | GC34 | 8.00 | .315 | 126 | 4.961 | 124.8 | 4.913 | 84 | 3.307 | 1.2 | .047 | COROMANT |
| 8.03 | .316 | 41.3 | 1.626 | 5 | 10 | 460.1-0803-040A1-XM | GC34 | 10.00 | .394 | 103 | 4.055 | 101.8 | 4.008 | 61 | 2.402 | 1.2 | .047 | DIN 6537 L |
| 8.05 | .317 | 25.3 | .996 | 3 | 10 | 460.1-0805-024A1-XM | GC34 | 10.00 | .394 | 89 | 3.504 | 87.8 | 3.457 | 47 | 1.850 | 1.2 | .047 | DIN 6537 K |
| 8.05 | .317 | 41.4 | 1.630 | 5 | 10 | 460.1-0805-040A1-XM | GC34 | 10.00 | .394 | 103 | 4.055 | 101.8 | 4.008 | 61 | 2.402 | 1.2 | .047 | DIN 6537 L |
| 8.10 | .319 | 25.5 | 1.004 | 3 | 10 | 460.1-0810-024A1-XM | GC34 | 10.00 | .394 | 89 | 3.504 | 87.8 | 3.457 | 47 | 1.850 | 1.2 | .047 | DIN 6537 K |
| 8.10 | .319 | 41.7 | 1.642 | 5 | 10 | 460.1-0810-041A1-XM | GC34 | 10.00 | .394 | 103 | 4.055 | 101.8 | 4.008 | 61 | 2.402 | 1.2 | .047 | DIN 6537 L |
| 8.10 | .319 | 66.0 | 2.598 | 8 | 10 | 460.1-0810-061A1-XM | GC34 | 10.00 | .394 | 152 | 5.984 | 150.8 | 5.937 | 106 | 4.173 | 1.2 | .047 | COROMANT |
| 8.15 | .321 | 42.0 | 1.654 | 5 | 10 | 460.1-0815-041A1-XM | GC34 | 10.00 | .394 | 103 | 4.055 | 101.8 | 4.008 | 61 | 2.402 | 1.2 | .047 | DIN 6537 L |
| 8.20 | .323 | 25.8 | 1.016 | 3 | 10 | 460.1-0820-025A1-XM | GC34 | 10.00 | .394 | 89 | 3.504 | 87.8 | 3.457 | 47 | 1.850 | 1.2 | .047 | DIN 6537 K |
| 8.20 | .323 | 42.2 | 1.661 | 5 | 10 | 460.1-0820-041A1-XM | GC34 | 10.00 | .394 | 103 | 4.055 | 101.8 | 4.008 | 61 | 2.402 | 1.2 | .047 | DIN 6537 L |



E8



E45



E36



E60



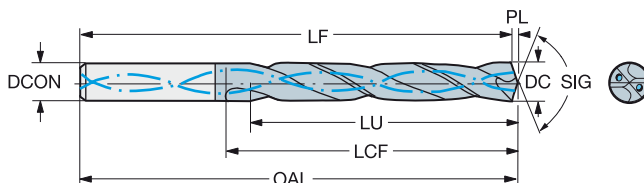
E50



CoroDrill® 460, wiertło węglikowe

Do różnych materiałów

Wewnętrzne doprowadzenie chłodziwa

TCH
SIGH9
140°

| | | | | | | | | Wymiary, mm, cale | | | | | | | | | | |
|------|------|------|-------|------|-------------------|---------------------|-------|-------------------|-------|-----|-------|-------|-------|-----|-------|-----|------|------------|
| DC | DC" | LU | LU" | ULDR | CZC _{MS} | Oznaczenie | GRADE | DCON | DCON" | OAL | OAL" | LF | LF" | LCF | LCF" | PL | PL" | BSG |
| 8.20 | .323 | 66.8 | 2.630 | 8 | 10 | 460.1-0820-062A1-XM | GC34 | 10.00 | .394 | 152 | 5.984 | 150.8 | 5.937 | 106 | 4.173 | 1.2 | .047 | COROMANT |
| 8.25 | .325 | 42.5 | 1.673 | 5 | 10 | 460.1-0825-041A1-XM | GC34 | 10.00 | .394 | 103 | 4.055 | 101.8 | 4.008 | 61 | 2.402 | 1.2 | .047 | DIN 6537 L |
| 8.30 | .327 | 42.7 | 1.681 | 5 | 10 | 460.1-0830-042A1-XM | GC34 | 10.00 | .394 | 103 | 4.055 | 101.8 | 4.008 | 61 | 2.402 | 1.2 | .047 | DIN 6537 L |
| 8.33 | .328 | 26.2 | 1.032 | 3 | 10 | 460.1-0833-025A1-XM | GC34 | 10.00 | .394 | 89 | 3.504 | 87.8 | 3.457 | 47 | 1.850 | 1.2 | .047 | DIN 6537 K |
| 8.33 | .328 | 42.9 | 1.689 | 5 | 10 | 460.1-0833-042A1-XM | GC34 | 10.00 | .394 | 103 | 4.055 | 101.8 | 4.008 | 61 | 2.402 | 1.2 | .047 | DIN 6537 L |
| 8.33 | .328 | 67.9 | 2.673 | 8 | 10 | 460.1-0833-062A1-XM | GC34 | 10.00 | .394 | 152 | 5.984 | 150.8 | 5.937 | 106 | 4.173 | 1.2 | .047 | COROMANT |
| 8.40 | .331 | 26.4 | 1.039 | 3 | 10 | 460.1-0840-025A1-XM | GC34 | 10.00 | .394 | 89 | 3.504 | 87.8 | 3.457 | 47 | 1.850 | 1.2 | .047 | DIN 6537 K |
| 8.40 | .331 | 43.2 | 1.701 | 5 | 10 | 460.1-0840-042A1-XM | GC34 | 10.00 | .394 | 103 | 4.055 | 101.8 | 4.008 | 61 | 2.402 | 1.2 | .047 | DIN 6537 L |
| 8.40 | .331 | 68.4 | 2.693 | 8 | 10 | 460.1-0840-063A1-XM | GC34 | 10.00 | .394 | 152 | 5.984 | 150.8 | 5.937 | 106 | 4.173 | 1.2 | .047 | COROMANT |
| 8.43 | .332 | 43.4 | 1.709 | 5 | 10 | 460.1-0843-042A1-XM | GC34 | 10.00 | .394 | 103 | 4.055 | 101.8 | 4.008 | 61 | 2.402 | 1.2 | .047 | DIN 6537 L |
| 8.50 | .335 | 26.8 | 1.055 | 3 | 10 | 460.1-0850-026A1-XM | GC34 | 10.00 | .394 | 89 | 3.504 | 87.7 | 3.453 | 47 | 1.850 | 1.3 | .051 | DIN 6537 K |
| 8.50 | .335 | 43.8 | 1.724 | 5 | 10 | 460.1-0850-043A1-XM | GC34 | 10.00 | .394 | 103 | 4.055 | 101.7 | 4.004 | 61 | 2.402 | 1.3 | .051 | DIN 6537 L |
| 8.50 | .335 | 69.3 | 2.728 | 8 | 10 | 460.1-0850-064A1-XM | GC34 | 10.00 | .394 | 152 | 5.984 | 150.7 | 5.933 | 106 | 4.173 | 1.3 | .051 | COROMANT |
| 8.55 | .337 | 44.0 | 1.732 | 5 | 10 | 460.1-0855-043A1-XM | GC34 | 10.00 | .394 | 103 | 4.055 | 101.7 | 4.004 | 61 | 2.402 | 1.3 | .051 | DIN 6537 L |
| 8.60 | .339 | 27.1 | 1.067 | 3 | 10 | 460.1-0860-026A1-XM | GC34 | 10.00 | .394 | 89 | 3.504 | 87.7 | 3.453 | 47 | 1.850 | 1.3 | .051 | DIN 6537 K |
| 8.60 | .339 | 44.3 | 1.744 | 5 | 10 | 460.1-0860-043A1-XM | GC34 | 10.00 | .394 | 103 | 4.055 | 101.7 | 4.004 | 61 | 2.402 | 1.3 | .051 | DIN 6537 L |
| 8.60 | .339 | 70.1 | 2.760 | 8 | 10 | 460.1-0860-065A1-XM | GC34 | 10.00 | .394 | 152 | 5.984 | 150.7 | 5.933 | 106 | 4.173 | 1.3 | .051 | COROMANT |
| 8.61 | .339 | 44.3 | 1.744 | 5 | 10 | 460.1-0861-043A1-XM | GC34 | 10.00 | .394 | 103 | 4.055 | 101.7 | 4.004 | 61 | 2.402 | 1.3 | .051 | DIN 6537 L |
| 8.65 | .341 | 44.5 | 1.752 | 5 | 10 | 460.1-0865-043A1-XM | GC34 | 10.00 | .394 | 103 | 4.055 | 101.7 | 4.004 | 61 | 2.402 | 1.3 | .051 | DIN 6537 L |
| 8.70 | .343 | 27.4 | 1.079 | 3 | 10 | 460.1-0870-026A1-XM | GC34 | 10.00 | .394 | 89 | 3.504 | 87.7 | 3.453 | 47 | 1.850 | 1.3 | .051 | DIN 6537 K |
| 8.70 | .343 | 44.8 | 1.764 | 5 | 10 | 460.1-0870-044A1-XM | GC34 | 10.00 | .394 | 103 | 4.055 | 101.7 | 4.004 | 61 | 2.402 | 1.3 | .051 | DIN 6537 L |
| 8.70 | .343 | 70.9 | 2.791 | 8 | 10 | 460.1-0870-065A1-XM | GC34 | 10.00 | .394 | 152 | 5.984 | 150.7 | 5.933 | 106 | 4.173 | 1.3 | .051 | COROMANT |
| 8.73 | .344 | 27.5 | 1.083 | 3 | 10 | 460.1-0873-026A1-XM | GC34 | 10.00 | .394 | 89 | 3.504 | 87.7 | 3.453 | 47 | 1.850 | 1.3 | .051 | DIN 6537 K |
| 8.73 | .344 | 44.9 | 1.768 | 5 | 10 | 460.1-0873-044A1-XM | GC34 | 10.00 | .394 | 103 | 4.055 | 101.7 | 4.004 | 61 | 2.402 | 1.3 | .051 | DIN 6537 L |
| 8.73 | .344 | 71.1 | 2.799 | 8 | 10 | 460.1-0873-065A1-XM | GC34 | 10.00 | .394 | 152 | 5.984 | 150.7 | 5.933 | 106 | 4.173 | 1.3 | .051 | COROMANT |
| 8.80 | .346 | 27.7 | 1.091 | 3 | 10 | 460.1-0880-026A1-XM | GC34 | 10.00 | .394 | 89 | 3.504 | 87.7 | 3.453 | 47 | 1.850 | 1.3 | .051 | DIN 6537 K |
| 8.80 | .346 | 45.3 | 1.783 | 5 | 10 | 460.1-0880-044A1-XM | GC34 | 10.00 | .394 | 103 | 4.055 | 101.7 | 4.004 | 61 | 2.402 | 1.3 | .051 | DIN 6537 L |
| 8.80 | .346 | 71.7 | 2.823 | 8 | 10 | 460.1-0880-066A1-XM | GC34 | 10.00 | .394 | 152 | 5.984 | 150.7 | 5.933 | 106 | 4.173 | 1.3 | .051 | COROMANT |
| 8.84 | .348 | 45.5 | 1.791 | 5 | 10 | 460.1-0884-044A1-XM | GC34 | 10.00 | .394 | 103 | 4.055 | 101.7 | 4.004 | 61 | 2.402 | 1.3 | .051 | DIN 6537 L |
| 8.90 | .350 | 28.0 | 1.102 | 3 | 10 | 460.1-0890-027A1-XM | GC34 | 10.00 | .394 | 89 | 3.504 | 87.7 | 3.453 | 47 | 1.850 | 1.3 | .051 | DIN 6537 K |
| 8.90 | .350 | 45.8 | 1.803 | 5 | 10 | 460.1-0890-045A1-XM | GC34 | 10.00 | .394 | 103 | 4.055 | 101.7 | 4.004 | 61 | 2.402 | 1.3 | .051 | DIN 6537 L |
| 9.00 | .354 | 28.3 | 1.114 | 3 | 10 | 460.1-0900-027A1-XM | GC34 | 10.00 | .394 | 89 | 3.504 | 87.7 | 3.453 | 47 | 1.850 | 1.3 | .051 | DIN 6537 K |
| 9.00 | .354 | 46.3 | 1.823 | 5 | 10 | 460.1-0900-045A1-XM | GC34 | 10.00 | .394 | 103 | 4.055 | 101.7 | 4.004 | 61 | 2.402 | 1.3 | .051 | DIN 6537 L |
| 9.00 | .354 | 73.3 | 2.886 | 8 | 10 | 460.1-0900-068A1-XM | GC34 | 10.00 | .394 | 152 | 5.984 | 150.7 | 5.933 | 106 | 4.173 | 1.3 | .051 | COROMANT |
| 9.05 | .356 | 46.6 | 1.835 | 5 | 10 | 460.1-0905-045A1-XM | GC34 | 10.00 | .394 | 103 | 4.055 | 101.7 | 4.004 | 61 | 2.402 | 1.3 | .051 | DIN 6537 L |
| 9.09 | .358 | 46.8 | 1.843 | 5 | 10 | 460.1-0909-045A1-XM | GC34 | 10.00 | .394 | 103 | 4.055 | 101.7 | 4.004 | 61 | 2.402 | 1.3 | .051 | DIN 6537 L |
| 9.10 | .358 | 28.6 | 1.126 | 3 | 10 | 460.1-0910-027A1-XM | GC34 | 10.00 | .394 | 89 | 3.504 | 87.7 | 3.453 | 47 | 1.850 | 1.3 | .051 | DIN 6537 K |
| 9.10 | .358 | 46.8 | 1.843 | 5 | 10 | 460.1-0910-046A1-XM | GC34 | 10.00 | .394 | 103 | 4.055 | 101.7 | 4.004 | 61 | 2.402 | 1.3 | .051 | DIN 6537 L |
| 9.13 | .359 | 28.7 | 1.130 | 3 | 10 | 460.1-0913-027A1-XM | GC34 | 10.00 | .394 | 89 | 3.504 | 87.6 | 3.449 | 47 | 1.850 | 1.4 | .055 | DIN 6537 K |
| 9.13 | .359 | 47.0 | 1.850 | 5 | 10 | 460.1-0913-046A1-XM | GC34 | 10.00 | .394 | 103 | 4.055 | 101.6 | 4.000 | 61 | 2.402 | 1.4 | .055 | DIN 6537 L |
| 9.13 | .359 | 74.4 | 2.929 | 8 | 10 | 460.1-0913-068A1-XM | GC34 | 10.00 | .394 | 152 | 5.984 | 150.6 | 5.929 | 106 | 4.173 | 1.4 | .055 | COROMANT |
| 9.20 | .362 | 47.4 | 1.866 | 5 | 10 | 460.1-0920-046A1-XM | GC34 | 10.00 | .394 | 103 | 4.055 | 101.6 | 4.000 | 61 | 2.402 | 1.4 | .055 | DIN 6537 L |
| 9.25 | .364 | 47.6 | 1.874 | 5 | 10 | 460.1-0925-046A1-XM | GC34 | 10.00 | .394 | 103 | 4.055 | 101.6 | 4.000 | 61 | 2.402 | 1.4 | .055 | DIN 6537 L |
| 9.30 | .366 | 29.3 | 1.154 | 3 | 10 | 460.1-0930-028A1-XM | GC34 | 10.00 | .394 | 89 | 3.504 | 87.6 | 3.449 | 47 | 1.850 | 1.4 | .055 | DIN 6537 K |
| 9.30 | .366 | 47.9 | 1.886 | 5 | 10 | 460.1-0930-047A1-XM | GC34 | 10.00 | .394 | 103 | 4.055 | 101.6 | 4.000 | 61 | 2.402 | 1.4 | .055 | DIN 6537 L |
| 9.30 | .366 | 75.8 | 2.984 | 8 | 10 | 460.1-0930-070A1-XM | GC34 | 10.00 | .394 | 152 | 5.984 | 150.6 | 5.929 | 106 | 4.173 | 1.4 | .055 | COROMANT |
| 9.35 | .368 | 48.1 | 1.894 | 5 | 10 | 460.1-0935-047A1-XM | GC34 | 10.00 | .394 | 103 | 4.055 | 101.6 | 4.000 | 61 | 2.402 | 1.4 | .055 | DIN 6537 L |
| 9.40 | .370 | 29.6 | 1.165 | 3 | 10 | 460.1-0940-028A1-XM | GC34 | 10.00 | .394 | 89 | 3.504 | 87.6 | 3.449 | 47 | 1.850 | 1.4 | .055 | DIN 6537 K |



E8



E45



E36



E60

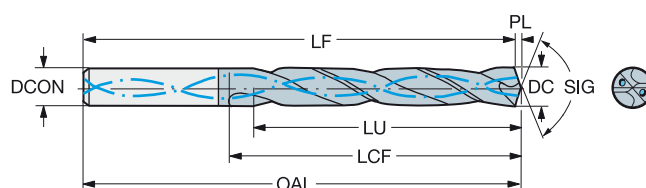


E50

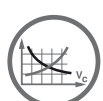
CoroDrill® 460, wiertło węglikowe

Do różnych materiałów

Wewnętrzne doprowadzenie chłodziwa

TCHA
SIGH9
140°

| | | | | | | | | Wymiary, mm, cale | | | | | | | | | | |
|-------|------|------|-------|------|-------------------|---------------------|-------|-------------------|-------|-----|-------|-------|-------|-----|-------|-----|------|------------|
| DC | DC" | LU | LU" | ULDR | CZC _{MS} | Oznaczenie | GRADE | DCON | DCON" | OAL | OAL" | LF | LF" | LCF | LCF" | PL | PL" | BSG |
| 9.40 | .370 | 48.4 | 1.906 | 5 | 10 | 460.1-0940-047A1-XM | GC34 | 10.00 | .394 | 103 | 4.055 | 101.6 | 4.000 | 61 | 2.402 | 1.4 | .055 | DIN 6537 L |
| 9.50 | .374 | 29.9 | 1.177 | 3 | 10 | 460.1-0950-029A1-XM | GC34 | 10.00 | .394 | 89 | 3.504 | 87.6 | 3.449 | 47 | 1.850 | 1.4 | .055 | DIN 6537 K |
| 9.50 | .374 | 48.7 | 1.917 | 5 | 10 | 460.1-0950-048A1-XM | GC34 | 10.00 | .394 | 103 | 4.055 | 101.6 | 4.000 | 61 | 2.402 | 1.4 | .055 | DIN 6537 L |
| 9.50 | .374 | 77.4 | 3.047 | 8 | 10 | 460.1-0950-071A1-XM | GC34 | 10.00 | .394 | 152 | 5.984 | 150.6 | 5.929 | 106 | 4.173 | 1.4 | .055 | COROMANT |
| 9.53 | .375 | 30.0 | 1.181 | 3 | 10 | 460.1-0953-029A1-XM | GC34 | 10.00 | .394 | 89 | 3.504 | 87.6 | 3.449 | 47 | 1.850 | 1.4 | .055 | DIN 6537 K |
| 9.53 | .375 | 48.6 | 1.913 | 5 | 10 | 460.1-0953-048A1-XM | GC34 | 10.00 | .394 | 103 | 4.055 | 101.6 | 4.000 | 61 | 2.402 | 1.4 | .055 | DIN 6537 L |
| 9.53 | .375 | 77.6 | 3.055 | 8 | 10 | 460.1-0953-071A1-XM | GC34 | 10.00 | .394 | 152 | 5.984 | 150.6 | 5.929 | 106 | 4.173 | 1.4 | .055 | COROMANT |
| 9.58 | .377 | 48.5 | 1.909 | 5 | 10 | 460.1-0958-048A1-XM | GC34 | 10.00 | .394 | 103 | 4.055 | 101.6 | 4.000 | 61 | 2.402 | 1.4 | .055 | DIN 6537 L |
| 9.60 | .378 | 30.2 | 1.189 | 3 | 10 | 460.1-0960-029A1-XM | GC34 | 10.00 | .394 | 89 | 3.504 | 87.6 | 3.449 | 47 | 1.850 | 1.4 | .055 | DIN 6537 K |
| 9.60 | .378 | 48.5 | 1.909 | 5 | 10 | 460.1-0960-048A1-XM | GC34 | 10.00 | .394 | 103 | 4.055 | 101.6 | 4.000 | 61 | 2.402 | 1.4 | .055 | DIN 6537 L |
| 9.65 | .380 | 48.5 | 1.909 | 5 | 10 | 460.1-0965-048A1-XM | GC34 | 10.00 | .394 | 103 | 4.055 | 101.6 | 4.000 | 61 | 2.402 | 1.4 | .055 | DIN 6537 L |
| 9.70 | .382 | 30.5 | 1.201 | 3 | 10 | 460.1-0970-029A1-XM | GC34 | 10.00 | .394 | 89 | 3.504 | 87.6 | 3.449 | 47 | 1.850 | 1.4 | .055 | DIN 6537 K |
| 9.70 | .382 | 48.4 | 1.906 | 4 | 10 | 460.1-0970-049A1-XM | GC34 | 10.00 | .394 | 103 | 4.055 | 101.6 | 4.000 | 61 | 2.402 | 1.4 | .055 | DIN 6537 L |
| 9.80 | .386 | 30.9 | 1.217 | 3 | 10 | 460.1-0980-029A1-XM | GC34 | 10.00 | .394 | 89 | 3.504 | 87.5 | 3.445 | 47 | 1.850 | 1.5 | .059 | DIN 6537 K |
| 9.80 | .386 | 48.3 | 1.902 | 4 | 10 | 460.1-0980-049A1-XM | GC34 | 10.00 | .394 | 103 | 4.055 | 101.5 | 3.996 | 61 | 2.402 | 1.5 | .059 | DIN 6537 L |
| 9.80 | .386 | 79.9 | 3.146 | 8 | 10 | 460.1-0980-074A1-XM | GC34 | 10.00 | .394 | 152 | 5.984 | 150.5 | 5.925 | 106 | 4.173 | 1.5 | .059 | COROMANT |
| 9.90 | .390 | 31.2 | 1.228 | 3 | 10 | 460.1-0990-030A1-XM | GC34 | 10.00 | .394 | 89 | 3.504 | 87.5 | 3.445 | 47 | 1.850 | 1.5 | .059 | DIN 6537 K |
| 9.90 | .390 | 48.1 | 1.894 | 4 | 10 | 460.1-0990-050A1-XM | GC34 | 10.00 | .394 | 103 | 4.055 | 101.5 | 3.996 | 61 | 2.402 | 1.5 | .059 | DIN 6537 L |
| 9.90 | .390 | 80.7 | 3.177 | 8 | 10 | 460.1-0990-074A1-XM | GC34 | 10.00 | .394 | 152 | 5.984 | 150.5 | 5.925 | 106 | 4.173 | 1.5 | .059 | COROMANT |
| 9.92 | .391 | 31.2 | 1.228 | 3 | 10 | 460.1-0992-030A1-XM | GC34 | 10.00 | .394 | 89 | 3.504 | 87.5 | 3.445 | 47 | 1.850 | 1.5 | .059 | DIN 6537 K |
| 9.92 | .391 | 48.1 | 1.894 | 4 | 10 | 460.1-0992-050A1-XM | GC34 | 10.00 | .394 | 103 | 4.055 | 101.5 | 3.996 | 61 | 2.402 | 1.5 | .059 | DIN 6537 L |
| 9.92 | .391 | 80.8 | 3.181 | 8 | 10 | 460.1-0992-074A1-XM | GC34 | 10.00 | .394 | 152 | 5.984 | 150.5 | 5.925 | 106 | 4.173 | 1.5 | .059 | COROMANT |
| 10.00 | .394 | 31.5 | 1.240 | 3 | 10 | 460.1-1000-030A1-XM | GC34 | 10.00 | .394 | 89 | 3.504 | 87.5 | 3.445 | 47 | 1.850 | 1.5 | .059 | DIN 6537 K |
| 10.00 | .394 | 48.0 | 1.890 | 4 | 10 | 460.1-1000-050A1-XM | GC34 | 10.00 | .394 | 103 | 4.055 | 101.5 | 3.996 | 61 | 2.402 | 1.5 | .059 | DIN 6537 L |
| 10.00 | .394 | 81.5 | 3.209 | 8 | 10 | 460.1-1000-075A1-XM | GC34 | 10.00 | .394 | 152 | 5.984 | 150.5 | 5.925 | 106 | 4.173 | 1.5 | .059 | COROMANT |
| 10.05 | .396 | 31.6 | 1.244 | 3 | 12 | 460.1-1005-030A1-XM | GC34 | 12.00 | .472 | 102 | 4.016 | 100.5 | 3.957 | 55 | 2.165 | 1.5 | .059 | DIN 6537 K |
| 10.05 | .396 | 51.7 | 2.035 | 5 | 12 | 460.1-1005-050A1-XM | GC34 | 12.00 | .472 | 118 | 4.646 | 116.5 | 4.587 | 71 | 2.795 | 1.5 | .059 | DIN 6537 L |
| 10.08 | .397 | 51.9 | 2.043 | 5 | 12 | 460.1-1008-050A1-XM | GC34 | 12.00 | .472 | 118 | 4.646 | 116.5 | 4.587 | 71 | 2.795 | 1.5 | .059 | DIN 6537 L |
| 10.10 | .398 | 31.8 | 1.252 | 3 | 12 | 460.1-1010-030A1-XM | GC34 | 12.00 | .472 | 102 | 4.016 | 100.5 | 3.957 | 55 | 2.165 | 1.5 | .059 | DIN 6537 K |
| 10.10 | .398 | 52.0 | 2.047 | 5 | 12 | 460.1-1010-051A1-XM | GC34 | 12.00 | .472 | 118 | 4.646 | 116.5 | 4.587 | 71 | 2.795 | 1.5 | .059 | DIN 6537 L |
| 10.20 | .402 | 32.1 | 1.264 | 3 | 12 | 460.1-1020-031A1-XM | GC34 | 12.00 | .472 | 102 | 4.016 | 100.5 | 3.957 | 55 | 2.165 | 1.5 | .059 | DIN 6537 K |
| 10.20 | .402 | 52.5 | 2.067 | 5 | 12 | 460.1-1020-051A1-XM | GC34 | 12.00 | .472 | 118 | 4.646 | 116.5 | 4.587 | 71 | 2.795 | 1.5 | .059 | DIN 6537 L |
| 10.20 | .402 | 83.1 | 3.272 | 8 | 12 | 460.1-1020-077A1-XM | GC34 | 12.00 | .472 | 180 | 7.087 | 178.5 | 7.028 | 128 | 5.039 | 1.5 | .059 | COROMANT |
| 10.26 | .404 | 52.8 | 2.079 | 5 | 12 | 460.1-1026-051A1-XM | GC34 | 12.00 | .472 | 118 | 4.646 | 116.5 | 4.587 | 71 | 2.795 | 1.5 | .059 | DIN 6537 L |
| 10.30 | .406 | 32.4 | 1.276 | 3 | 12 | 460.1-1030-031A1-XM | GC34 | 12.00 | .472 | 102 | 4.016 | 100.5 | 3.957 | 55 | 2.165 | 1.5 | .059 | DIN 6537 K |
| 10.30 | .406 | 53.0 | 2.087 | 5 | 12 | 460.1-1030-052A1-XM | GC34 | 12.00 | .472 | 118 | 4.646 | 116.5 | 4.587 | 71 | 2.795 | 1.5 | .059 | DIN 6537 L |
| 10.30 | .406 | 83.9 | 3.303 | 8 | 12 | 460.1-1030-077A1-XM | GC34 | 12.00 | .472 | 180 | 7.087 | 178.5 | 7.028 | 128 | 5.039 | 1.5 | .059 | COROMANT |
| 10.32 | .406 | 32.5 | 1.280 | 3 | 12 | 460.1-1032-031A1-XM | GC34 | 12.00 | .472 | 102 | 4.016 | 100.5 | 3.957 | 55 | 2.165 | 1.5 | .059 | DIN 6537 K |
| 10.32 | .406 | 53.1 | 2.091 | 5 | 12 | 460.1-1032-052A1-XM | GC34 | 12.00 | .472 | 118 | 4.646 | 116.5 | 4.587 | 71 | 2.795 | 1.5 | .059 | DIN 6537 L |
| 10.32 | .406 | 84.1 | 3.311 | 8 | 12 | 460.1-1032-077A1-XM | GC34 | 12.00 | .472 | 180 | 7.087 | 178.5 | 7.028 | 128 | 5.039 | 1.5 | .059 | COROMANT |
| 10.40 | .409 | 32.7 | 1.287 | 3 | 12 | 460.1-1040-031A1-XM | GC34 | 12.00 | .472 | 102 | 4.016 | 100.5 | 3.957 | 55 | 2.165 | 1.5 | .059 | DIN 6537 K |
| 10.40 | .409 | 53.5 | 2.106 | 5 | 12 | 460.1-1040-052A1-XM | GC34 | 12.00 | .472 | 118 | 4.646 | 116.5 | 4.587 | 71 | 2.795 | 1.5 | .059 | DIN 6537 L |
| 10.40 | .409 | 84.7 | 3.335 | 8 | 12 | 460.1-1040-078A1-XM | GC34 | 12.00 | .472 | 180 | 7.087 | 178.5 | 7.028 | 128 | 5.039 | 1.5 | .059 | COROMANT |
| 10.45 | .411 | 53.8 | 2.118 | 5 | 12 | 460.1-1045-052A1-XM | GC34 | 12.00 | .472 | 118 | 4.646 | 116.4 | 4.583 | 71 | 2.795 | 1.6 | .063 | DIN 6537 L |
| 10.49 | .413 | 54.0 | 2.126 | 5 | 12 | 460.1-1049-052A1-XM | GC34 | 12.00 | .472 | 118 | 4.646 | 116.4 | 4.583 | 71 | 2.795 | 1.6 | .063 | DIN 6537 L |
| 10.50 | .413 | 33.1 | 1.303 | 3 | 12 | 460.1-1050-032A1-XM | GC34 | 12.00 | .472 | 102 | 4.016 | 100.4 | 3.953 | 55 | 2.165 | 1.6 | .063 | DIN 6537 K |
| 10.50 | .413 | 54.1 | 2.130 | 5 | 12 | 460.1-1050-053A1-XM | GC34 | 12.00 | .472 | 118 | 4.646 | 116.4 | 4.583 | 71 | 2.795 | 1.6 | .063 | DIN 6537 L |
| 10.50 | .413 | 85.6 | 3.370 | 8 | 12 | 460.1-1050-079A1-XM | GC34 | 12.00 | .472 | 180 | 7.087 | 178.4 | 7.024 | 128 | 5.039 | 1.6 | .063 | COROMANT |



E8



E45



E36



E60



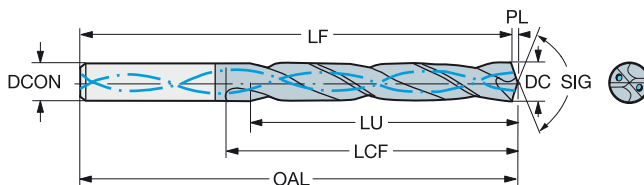
E50



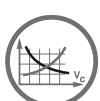
CoroDrill® 460, wiertło węglikowe

Do różnych materiałów

Wewnętrzne doprowadzenie chłodziwa

TCHA
SIGH9
140°

| | | | | | | | | Wymiary, mm, cale | | | | | | | | | | |
|-------|------|------|-------|------|-------------------|---------------------|-------|-------------------|-------|-----|-------|-------|-------|-----|-------|-----|------|------------|
| DC | DC" | LU | LU" | ULDR | CZC _{MS} | Oznaczenie | GRADE | DCON | DCON" | OAL | OAL" | LF | LF" | LCF | LCF" | PL | PL" | BSG |
| 10.55 | .415 | 54.3 | 2.138 | 5 | 12 | 460.1-1055-053A1-XM | GC34 | 12.00 | .472 | 118 | 4.646 | 116.4 | 4.583 | 71 | 2.795 | 1.6 | .063 | DIN 6537 L |
| 10.60 | .417 | 33.4 | 1.315 | 3 | 12 | 460.1-1060-032A1-XM | GC34 | 12.00 | .472 | 102 | 4.016 | 100.4 | 3.953 | 55 | 2.165 | 1.6 | .063 | DIN 6537 K |
| 10.60 | .417 | 54.6 | 2.150 | 5 | 12 | 460.1-1060-053A1-XM | GC34 | 12.00 | .472 | 118 | 4.646 | 116.4 | 4.583 | 71 | 2.795 | 1.6 | .063 | DIN 6537 L |
| 10.65 | .419 | 54.8 | 2.157 | 5 | 12 | 460.1-1065-053A1-XM | GC34 | 12.00 | .472 | 118 | 4.646 | 116.4 | 4.583 | 71 | 2.795 | 1.6 | .063 | DIN 6537 L |
| 10.70 | .421 | 55.1 | 2.169 | 5 | 12 | 460.1-1070-054A1-XM | GC34 | 12.00 | .472 | 118 | 4.646 | 116.4 | 4.583 | 71 | 2.795 | 1.6 | .063 | DIN 6537 L |
| 10.72 | .422 | 33.7 | 1.327 | 3 | 12 | 460.1-1072-032A1-XM | GC34 | 12.00 | .472 | 102 | 4.016 | 100.4 | 3.953 | 55 | 2.165 | 1.6 | .063 | DIN 6537 K |
| 10.72 | .422 | 55.2 | 2.173 | 5 | 12 | 460.1-1072-054A1-XM | GC34 | 12.00 | .472 | 118 | 4.646 | 116.4 | 4.583 | 71 | 2.795 | 1.6 | .063 | DIN 6537 L |
| 10.72 | .422 | 87.3 | 3.437 | 8 | 12 | 460.1-1072-080A1-XM | GC34 | 12.00 | .472 | 180 | 7.087 | 178.4 | 7.024 | 128 | 5.039 | 1.6 | .063 | COROMANT |
| 10.75 | .423 | 55.3 | 2.177 | 5 | 12 | 460.1-1075-054A1-XM | GC34 | 12.00 | .472 | 118 | 4.646 | 116.4 | 4.583 | 71 | 2.795 | 1.6 | .063 | DIN 6537 L |
| 10.90 | .429 | 56.1 | 2.209 | 5 | 12 | 460.1-1090-055A1-XM | GC34 | 12.00 | .472 | 118 | 4.646 | 116.4 | 4.583 | 71 | 2.795 | 1.6 | .063 | DIN 6537 L |
| 11.00 | .433 | 34.6 | 1.362 | 3 | 12 | 460.1-1100-033A1-XM | GC34 | 12.00 | .472 | 102 | 4.016 | 100.4 | 3.953 | 55 | 2.165 | 1.6 | .063 | DIN 6537 K |
| 11.00 | .433 | 56.6 | 2.228 | 5 | 12 | 460.1-1100-055A1-XM | GC34 | 12.00 | .472 | 118 | 4.646 | 116.4 | 4.583 | 71 | 2.795 | 1.6 | .063 | DIN 6537 L |
| 11.00 | .433 | 89.6 | 3.528 | 8 | 12 | 460.1-1100-083A1-XM | GC34 | 12.00 | .472 | 180 | 7.087 | 178.4 | 7.024 | 128 | 5.039 | 1.6 | .063 | COROMANT |
| 11.11 | .437 | 35.0 | 1.378 | 3 | 12 | 460.1-1111-033A1-XM | GC34 | 12.00 | .472 | 102 | 4.016 | 100.3 | 3.949 | 55 | 2.165 | 1.7 | .067 | DIN 6537 K |
| 11.11 | .437 | 57.2 | 2.252 | 5 | 12 | 460.1-1111-056A1-XM | GC34 | 12.00 | .472 | 118 | 4.646 | 116.3 | 4.579 | 71 | 2.795 | 1.7 | .067 | DIN 6537 L |
| 11.11 | .437 | 90.5 | 3.563 | 8 | 12 | 460.1-1111-083A1-XM | GC34 | 12.00 | .472 | 180 | 7.087 | 178.3 | 7.020 | 128 | 5.039 | 1.7 | .067 | COROMANT |
| 11.20 | .441 | 35.3 | 1.390 | 3 | 12 | 460.1-1120-034A1-XM | GC34 | 12.00 | .472 | 102 | 4.016 | 100.3 | 3.949 | 55 | 2.165 | 1.7 | .067 | DIN 6537 K |
| 11.20 | .441 | 57.6 | 2.268 | 5 | 12 | 460.1-1120-056A1-XM | GC34 | 12.00 | .472 | 118 | 4.646 | 116.3 | 4.579 | 71 | 2.795 | 1.7 | .067 | DIN 6537 L |
| 11.20 | .441 | 91.3 | 3.594 | 8 | 12 | 460.1-1120-084A1-XM | GC34 | 12.00 | .472 | 180 | 7.087 | 178.3 | 7.020 | 128 | 5.039 | 1.7 | .067 | COROMANT |
| 11.30 | .445 | 57.4 | 2.260 | 5 | 12 | 460.1-1130-057A1-XM | GC34 | 12.00 | .472 | 118 | 4.646 | 116.3 | 4.579 | 71 | 2.795 | 1.7 | .067 | DIN 6537 L |
| 11.40 | .449 | 35.9 | 1.413 | 3 | 12 | 460.1-1140-034A1-XM | GC34 | 12.00 | .472 | 102 | 4.016 | 100.3 | 3.949 | 55 | 2.165 | 1.7 | .067 | DIN 6537 K |
| 11.40 | .449 | 57.3 | 2.256 | 5 | 12 | 460.1-1140-057A1-XM | GC34 | 12.00 | .472 | 118 | 4.646 | 116.3 | 4.579 | 71 | 2.795 | 1.7 | .067 | DIN 6537 L |
| 11.50 | .453 | 36.2 | 1.425 | 3 | 12 | 460.1-1150-035A1-XM | GC34 | 12.00 | .472 | 102 | 4.016 | 100.3 | 3.949 | 55 | 2.165 | 1.7 | .067 | DIN 6537 K |
| 11.50 | .453 | 57.2 | 2.252 | 4 | 12 | 460.1-1150-058A1-XM | GC34 | 12.00 | .472 | 118 | 4.646 | 116.3 | 4.579 | 71 | 2.795 | 1.7 | .067 | DIN 6537 L |
| 11.50 | .453 | 93.7 | 3.689 | 8 | 12 | 460.1-1150-086A1-XM | GC34 | 12.00 | .472 | 180 | 7.087 | 178.3 | 7.020 | 128 | 5.039 | 1.7 | .067 | COROMANT |
| 11.51 | .453 | 36.2 | 1.425 | 3 | 12 | 460.1-1151-035A1-XM | GC34 | 12.00 | .472 | 102 | 4.016 | 100.3 | 3.949 | 55 | 2.165 | 1.7 | .067 | DIN 6537 K |
| 11.51 | .453 | 57.2 | 2.252 | 4 | 12 | 460.1-1151-058A1-XM | GC34 | 12.00 | .472 | 118 | 4.646 | 116.3 | 4.579 | 71 | 2.795 | 1.7 | .067 | DIN 6537 L |
| 11.51 | .453 | 93.8 | 3.693 | 8 | 12 | 460.1-1151-086A1-XM | GC34 | 12.00 | .472 | 180 | 7.087 | 178.3 | 7.020 | 128 | 5.039 | 1.7 | .067 | COROMANT |
| 11.55 | .455 | 57.1 | 2.248 | 4 | 12 | 460.1-1155-058A1-XM | GC34 | 12.00 | .472 | 118 | 4.646 | 116.3 | 4.579 | 71 | 2.795 | 1.7 | .067 | DIN 6537 L |
| 11.60 | .457 | 36.5 | 1.437 | 3 | 12 | 460.1-1160-035A1-XM | GC34 | 12.00 | .472 | 102 | 4.016 | 100.3 | 3.949 | 55 | 2.165 | 1.7 | .067 | DIN 6537 K |
| 11.60 | .457 | 57.1 | 2.248 | 4 | 12 | 460.1-1160-058A1-XM | GC34 | 12.00 | .472 | 118 | 4.646 | 116.3 | 4.579 | 71 | 2.795 | 1.7 | .067 | DIN 6537 L |
| 11.70 | .461 | 57.0 | 2.244 | 4 | 12 | 460.1-1170-059A1-XM | GC34 | 12.00 | .472 | 118 | 4.646 | 116.3 | 4.579 | 71 | 2.795 | 1.7 | .067 | DIN 6537 L |
| 11.80 | .465 | 37.2 | 1.465 | 3 | 12 | 460.1-1180-035A1-XM | GC34 | 12.00 | .472 | 102 | 4.016 | 100.2 | 3.945 | 55 | 2.165 | 1.8 | .071 | DIN 6537 K |
| 11.80 | .465 | 56.8 | 2.236 | 4 | 12 | 460.1-1180-059A1-XM | GC34 | 12.00 | .472 | 118 | 4.646 | 116.2 | 4.575 | 71 | 2.795 | 1.8 | .071 | DIN 6537 L |
| 11.80 | .465 | 96.2 | 3.787 | 8 | 12 | 460.1-1180-089A1-XM | GC34 | 12.00 | .472 | 180 | 7.087 | 178.2 | 7.016 | 128 | 5.039 | 1.8 | .071 | COROMANT |
| 11.91 | .469 | 37.5 | 1.476 | 3 | 12 | 460.1-1191-036A1-XM | GC34 | 12.00 | .472 | 102 | 4.016 | 100.2 | 3.945 | 55 | 2.165 | 1.8 | .071 | DIN 6537 K |
| 11.91 | .469 | 56.7 | 2.232 | 4 | 12 | 460.1-1191-060A1-XM | GC34 | 12.00 | .472 | 118 | 4.646 | 116.2 | 4.575 | 71 | 2.795 | 1.8 | .071 | DIN 6537 L |
| 11.91 | .469 | 97.0 | 3.819 | 8 | 12 | 460.1-1191-089A1-XM | GC34 | 12.00 | .472 | 180 | 7.087 | 178.2 | 7.016 | 128 | 5.039 | 1.8 | .071 | COROMANT |
| 12.00 | .472 | 37.8 | 1.488 | 3 | 12 | 460.1-1200-036A1-XM | GC34 | 12.00 | .472 | 102 | 4.016 | 100.2 | 3.945 | 55 | 2.165 | 1.8 | .071 | DIN 6537 K |
| 12.00 | .472 | 56.6 | 2.228 | 4 | 12 | 460.1-1200-060A1-XM | GC34 | 12.00 | .472 | 118 | 4.646 | 116.2 | 4.575 | 71 | 2.795 | 1.8 | .071 | DIN 6537 L |
| 12.00 | .472 | 97.8 | 3.850 | 8 | 12 | 460.1-1200-090A1-XM | GC34 | 12.00 | .472 | 180 | 7.087 | 178.2 | 7.016 | 128 | 5.039 | 1.8 | .071 | COROMANT |
| 12.05 | .474 | 37.9 | 1.492 | 3 | 14 | 460.1-1205-036A1-XM | GC34 | 14.00 | .551 | 107 | 4.213 | 105.2 | 4.142 | 60 | 2.362 | 1.8 | .071 | DIN 6537 K |
| 12.05 | .474 | 62.0 | 2.441 | 5 | 14 | 460.1-1205-060A1-XM | GC34 | 14.00 | .551 | 124 | 4.882 | 122.2 | 4.811 | 77 | 3.032 | 1.8 | .071 | DIN 6537 L |
| 12.10 | .476 | 38.1 | 1.500 | 3 | 14 | 460.1-1210-036A1-XM | GC34 | 14.00 | .551 | 107 | 4.213 | 105.2 | 4.142 | 60 | 2.362 | 1.8 | .071 | DIN 6537 K |
| 12.20 | .480 | 38.4 | 1.512 | 3 | 14 | 460.1-1220-037A1-XM | GC34 | 14.00 | .551 | 107 | 4.213 | 105.2 | 4.142 | 60 | 2.362 | 1.8 | .071 | DIN 6537 K |
| 12.20 | .480 | 62.4 | 2.457 | 5 | 14 | 460.1-1220-061A1-XM | GC34 | 14.00 | .551 | 124 | 4.882 | 122.2 | 4.811 | 77 | 3.032 | 1.8 | .071 | DIN 6537 L |
| 12.20 | .480 | 99.4 | 3.913 | 8 | 14 | 460.1-1220-092A1-XM | GC34 | 14.00 | .551 | 202 | 7.953 | 200.2 | 7.882 | 151 | 5.945 | 1.8 | .071 | COROMANT |
| 12.25 | .482 | 62.3 | 2.453 | 5 | 14 | 460.1-1225-061A1-XM | GC34 | 14.00 | .551 | 124 | 4.882 | 122.2 | 4.811 | 77 | 3.032 | 1.8 | .071 | DIN 6537 L |



E8



E45



E36



E60



E50

CoroDrill® 460, wiertło węglikowe

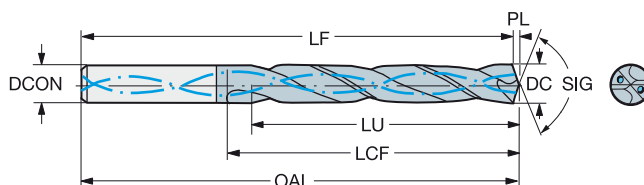
Do różnych materiałów

Wewnętrzne doprowadzenie chłodziwa



TCHA
SIG

H9
140°

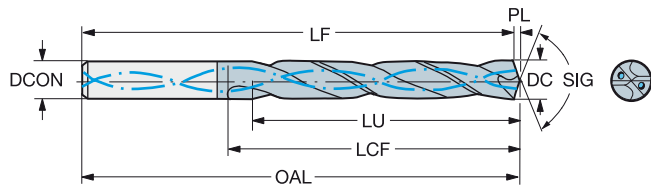


| | | | | | | | | Wymiary, mm, cale | | | | | | | | | | |
|-------|------|-------|-------|------|-------------------|---------------------|-------|-------------------|-------|-----|-------|-------|-------|-----|-------|-----|------|------------|
| DC | DC* | LU | LU* | ULDR | CZC _{MS} | Oznaczenie | GRADE | DCON | DCON* | OAL | OAL* | LF | LF* | LCF | LCF* | PL | PL* | BSG |
| 12.30 | .484 | 38.7 | 1.524 | 3 | 14 | 460.1-1230-037A1-XM | GC34 | 14.00 | .551 | 107 | 4.213 | 105.2 | 4.142 | 60 | 2.362 | 1.8 | .071 | DIN 6537 K |
| 12.30 | .484 | 62.2 | 2.449 | 5 | 14 | 460.1-1230-062A1-XM | GC34 | 14.00 | .551 | 124 | 4.882 | 122.2 | 4.811 | 77 | 3.032 | 1.8 | .071 | DIN 6537 L |
| 12.30 | .484 | 100.3 | 3.949 | 8 | 14 | 460.1-1230-092A1-XM | GC34 | 14.00 | .551 | 202 | 7.953 | 200.2 | 7.882 | 151 | 5.945 | 1.8 | .071 | COROMANT |
| 12.40 | .488 | 62.1 | 2.445 | 5 | 14 | 460.1-1240-062A1-XM | GC34 | 14.00 | .551 | 124 | 4.882 | 122.2 | 4.811 | 77 | 3.032 | 1.8 | .071 | DIN 6537 L |
| 12.50 | .492 | 39.4 | 1.551 | 3 | 14 | 460.1-1250-038A1-XM | GC34 | 14.00 | .551 | 107 | 4.213 | 105.1 | 4.138 | 60 | 2.362 | 1.9 | .075 | DIN 6537 K |
| 12.50 | .492 | 62.0 | 2.441 | 4 | 14 | 460.1-1250-063A1-XM | GC34 | 14.00 | .551 | 124 | 4.882 | 122.1 | 4.807 | 77 | 3.032 | 1.9 | .075 | DIN 6537 L |
| 12.50 | .492 | 101.9 | 4.012 | 8 | 14 | 460.1-1250-094A1-XM | GC34 | 14.00 | .551 | 202 | 7.953 | 200.1 | 7.878 | 151 | 5.945 | 1.9 | .075 | COROMANT |
| 12.60 | .496 | 61.9 | 2.437 | 4 | 14 | 460.1-1260-063A1-XM | GC34 | 14.00 | .551 | 124 | 4.882 | 122.1 | 4.807 | 77 | 3.032 | 1.9 | .075 | DIN 6537 L |
| 12.70 | .500 | 40.0 | 1.575 | 3 | 14 | 460.1-1270-038A1-XM | GC34 | 14.00 | .551 | 107 | 4.213 | 105.1 | 4.138 | 60 | 2.362 | 1.9 | .075 | DIN 6537 K |
| 12.70 | .500 | 61.8 | 2.433 | 4 | 14 | 460.1-1270-064A1-XM | GC34 | 14.00 | .551 | 124 | 4.882 | 122.1 | 4.807 | 77 | 3.032 | 1.9 | .075 | DIN 6537 L |
| 12.70 | .500 | 103.5 | 4.075 | 8 | 14 | 460.1-1270-095A1-XM | GC34 | 14.00 | .551 | 202 | 7.953 | 200.1 | 7.878 | 151 | 5.945 | 1.9 | .075 | COROMANT |
| 12.75 | .502 | 61.7 | 2.429 | 4 | 14 | 460.1-1275-064A1-XM | GC34 | 14.00 | .551 | 124 | 4.882 | 122.1 | 4.807 | 77 | 3.032 | 1.9 | .075 | DIN 6537 L |
| 12.80 | .504 | 40.3 | 1.587 | 3 | 14 | 460.1-1280-038A1-XM | GC34 | 14.00 | .551 | 107 | 4.213 | 105.1 | 4.138 | 60 | 2.362 | 1.9 | .075 | DIN 6537 K |
| 12.80 | .504 | 61.6 | 2.425 | 4 | 14 | 460.1-1280-064A1-XM | GC34 | 14.00 | .551 | 124 | 4.882 | 122.1 | 4.807 | 77 | 3.032 | 1.9 | .075 | DIN 6537 L |
| 12.80 | .504 | 104.3 | 4.106 | 8 | 14 | 460.1-1280-096A1-XM | GC34 | 14.00 | .551 | 202 | 7.953 | 200.1 | 7.878 | 151 | 5.945 | 1.9 | .075 | COROMANT |
| 12.90 | .508 | 61.5 | 2.421 | 4 | 14 | 460.1-1290-065A1-XM | GC34 | 14.00 | .551 | 124 | 4.882 | 122.1 | 4.807 | 77 | 3.032 | 1.9 | .075 | DIN 6537 L |
| 13.00 | .512 | 40.9 | 1.610 | 3 | 14 | 460.1-1300-039A1-XM | GC34 | 14.00 | .551 | 107 | 4.213 | 105.1 | 4.138 | 60 | 2.362 | 1.9 | .075 | DIN 6537 K |
| 13.00 | .512 | 61.4 | 2.417 | 4 | 14 | 460.1-1300-065A1-XM | GC34 | 14.00 | .551 | 124 | 4.882 | 122.1 | 4.807 | 77 | 3.032 | 1.9 | .075 | DIN 6537 L |
| 13.00 | .512 | 105.9 | 4.169 | 8 | 14 | 460.1-1300-098A1-XM | GC34 | 14.00 | .551 | 202 | 7.953 | 200.1 | 7.878 | 151 | 5.945 | 1.9 | .075 | COROMANT |
| 13.10 | .516 | 41.2 | 1.622 | 3 | 14 | 460.1-1310-039A1-XM | GC34 | 14.00 | .551 | 107 | 4.213 | 105.0 | 4.134 | 60 | 2.362 | 2.0 | .079 | DIN 6537 K |
| 13.10 | .516 | 61.3 | 2.413 | 4 | 14 | 460.1-1310-066A1-XM | GC34 | 14.00 | .551 | 124 | 4.882 | 122.0 | 4.803 | 77 | 3.032 | 2.0 | .079 | DIN 6537 L |
| 13.10 | .516 | 106.7 | 4.201 | 8 | 14 | 460.1-1310-098A1-XM | GC34 | 14.00 | .551 | 202 | 7.953 | 200.0 | 7.874 | 151 | 5.945 | 2.0 | .079 | COROMANT |
| 13.25 | .522 | 61.1 | 2.406 | 4 | 14 | 460.1-1325-066A1-XM | GC34 | 14.00 | .551 | 124 | 4.882 | 122.0 | 4.803 | 77 | 3.032 | 2.0 | .079 | DIN 6537 L |
| 13.30 | .524 | 61.0 | 2.402 | 4 | 14 | 460.1-1330-067A1-XM | GC34 | 14.00 | .551 | 124 | 4.882 | 122.0 | 4.803 | 77 | 3.032 | 2.0 | .079 | DIN 6537 L |
| 13.40 | .528 | 60.9 | 2.398 | 4 | 14 | 460.1-1340-067A1-XM | GC34 | 14.00 | .551 | 124 | 4.882 | 122.0 | 4.803 | 77 | 3.032 | 2.0 | .079 | DIN 6537 L |
| 13.49 | .531 | 42.5 | 1.673 | 3 | 14 | 460.1-1349-041A1-XM | GC34 | 14.00 | .551 | 107 | 4.213 | 105.0 | 4.134 | 60 | 2.362 | 2.0 | .079 | DIN 6537 K |
| 13.49 | .531 | 60.8 | 2.394 | 4 | 14 | 460.1-1349-061A1-XM | GC34 | 14.00 | .551 | 124 | 4.882 | 122.0 | 4.803 | 77 | 3.032 | 2.0 | .079 | DIN 6537 L |
| 13.49 | .531 | 110.0 | 4.331 | 8 | 14 | 460.1-1349-101A1-XM | GC34 | 14.00 | .551 | 202 | 7.953 | 200.0 | 7.874 | 151 | 5.945 | 2.0 | .079 | COROMANT |
| 13.50 | .531 | 42.5 | 1.673 | 3 | 14 | 460.1-1350-041A1-XM | GC34 | 14.00 | .551 | 107 | 4.213 | 105.0 | 4.134 | 60 | 2.362 | 2.0 | .079 | DIN 6537 K |
| 13.50 | .531 | 60.8 | 2.394 | 4 | 14 | 460.1-1350-061A1-XM | GC34 | 14.00 | .551 | 124 | 4.882 | 122.0 | 4.803 | 77 | 3.032 | 2.0 | .079 | DIN 6537 L |
| 13.50 | .531 | 110.0 | 4.331 | 8 | 14 | 460.1-1350-101A1-XM | GC34 | 14.00 | .551 | 202 | 7.953 | 200.0 | 7.874 | 151 | 5.945 | 2.0 | .079 | COROMANT |
| 13.55 | .533 | 60.7 | 2.390 | 4 | 14 | 460.1-1355-061A1-XM | GC34 | 14.00 | .551 | 124 | 4.882 | 122.0 | 4.803 | 77 | 3.032 | 2.0 | .079 | DIN 6537 L |
| 13.65 | .537 | 60.6 | 2.386 | 4 | 14 | 460.1-1365-061A1-XM | GC34 | 14.00 | .551 | 124 | 4.882 | 122.0 | 4.803 | 77 | 3.032 | 2.0 | .079 | DIN 6537 L |
| 13.70 | .539 | 111.6 | 4.394 | 8 | 14 | 460.1-1370-103A1-XM | GC34 | 14.00 | .551 | 202 | 7.953 | 200.0 | 7.874 | 151 | 5.945 | 2.0 | .079 | COROMANT |
| 13.75 | .541 | 60.5 | 2.382 | 4 | 14 | 460.1-1375-062A1-XM | GC34 | 14.00 | .551 | 124 | 4.882 | 122.0 | 4.803 | 77 | 3.032 | 2.0 | .079 | DIN 6537 L |
| 13.80 | .543 | 43.4 | 1.709 | 3 | 14 | 460.1-1380-041A1-XM | GC34 | 14.00 | .551 | 107 | 4.213 | 104.9 | 4.130 | 60 | 2.362 | 2.1 | .083 | DIN 6537 K |
| 13.80 | .543 | 60.4 | 2.378 | 4 | 14 | 460.1-1380-062A1-XM | GC34 | 14.00 | .551 | 124 | 4.882 | 121.9 | 4.799 | 77 | 3.032 | 2.1 | .083 | DIN 6537 L |
| 13.89 | .547 | 43.3 | 1.705 | 3 | 14 | 460.1-1389-042A1-XM | GC34 | 14.00 | .551 | 107 | 4.213 | 104.9 | 4.130 | 60 | 2.362 | 2.1 | .083 | DIN 6537 K |
| 13.89 | .547 | 60.3 | 2.374 | 4 | 14 | 460.1-1389-063A1-XM | GC34 | 14.00 | .551 | 124 | 4.882 | 121.9 | 4.799 | 77 | 3.032 | 2.1 | .083 | DIN 6537 L |
| 13.89 | .547 | 113.2 | 4.457 | 8 | 14 | 460.1-1389-104A1-XM | GC34 | 14.00 | .551 | 202 | 7.953 | 199.9 | 7.870 | 151 | 5.945 | 2.1 | .083 | COROMANT |
| 14.00 | .551 | 44.1 | 1.736 | 3 | 14 | 460.1-1400-042A1-XM | GC34 | 14.00 | .551 | 107 | 4.213 | 104.9 | 4.130 | 60 | 2.362 | 2.1 | .083 | DIN 6537 K |
| 14.00 | .551 | 63.0 | 2.480 | 4 | 14 | 460.1-1400-063A1-XM | GC34 | 14.00 | .551 | 124 | 4.882 | 121.9 | 4.799 | 77 | 3.032 | 2.1 | .083 | DIN 6537 L |
| 14.00 | .551 | 114.1 | 4.492 | 8 | 14 | 460.1-1400-105A1-XM | GC34 | 14.00 | .551 | 202 | 7.953 | 199.9 | 7.870 | 151 | 5.945 | 2.1 | .083 | COROMANT |
| 14.10 | .555 | 68.9 | 2.713 | 4 | 16 | 460.1-1410-063A1-XM | GC34 | 16.00 | .630 | 133 | 5.236 | 130.9 | 5.154 | 83 | 3.268 | 2.1 | .083 | DIN 6537 L |
| 14.20 | .559 | 115.7 | 4.555 | 8 | 16 | 460.1-1420-107A1-XM | GC34 | 16.00 | .630 | 227 | 8.937 | 224.9 | 8.854 | 172 | 6.772 | 2.1 | .083 | COROMANT |
| 14.25 | .561 | 44.9 | 1.768 | 3 | 16 | 460.1-1425-043A1-XM | GC34 | 16.00 | .630 | 115 | 4.528 | 112.9 | 4.445 | 65 | 2.559 | 2.1 | .083 | DIN 6537 K |
| 14.25 | .561 | 68.8 | 2.709 | 4 | 16 | 460.1-1425-071A1-XM | GC34 | 16.00 | .630 | 133 | 5.236 | 130.9 | 5.154 | 83 | 3.268 | 2.1 | .083 | DIN 6537 L |
| 14.25 | .561 | 116.1 | 4.571 | 8 | 16 | 460.1-1425-107A1-XM | GC34 | 16.00 | .630 | 227 | 8.937 | 224.9 | 8.854 | 172 | 6.772 | 2.1 | .083 | COROMANT |

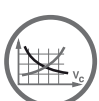
CoroDrill® 460, wiertło węglikowe

Do różnych materiałów

Wewnętrzne doprowadzenie chłodziwa

TCHA
SIGH9
140°

| | | | | | | | | Wymiary, mm, <i>cale</i> | | | | | | | | | | |
|-------|------|-------|-------|------|-------------------|---------------------|-------|--------------------------|-------|-----|-------|-------|-------|-----|-------|-----|------|------------|
| DC | DC" | LU | LU" | ULDR | CZC _{MS} | Oznaczenie | GRADE | DCON | DCON" | OAL | OAL" | LF | LF" | LCF | LCF" | PL | PL" | BSG |
| 14.29 | .563 | 45.0 | 1.772 | 3 | 16 | 460.1-1429-043A1-XM | GC34 | 16.00 | .630 | 115 | 4.528 | 112.9 | 4.445 | 65 | 2.559 | 2.1 | .083 | DIN 6537 K |
| 14.29 | .563 | 68.7 | 2.705 | 4 | 16 | 460.1-1429-072A1-XM | GC34 | 16.00 | .630 | 133 | 5.236 | 130.9 | 5.154 | 83 | 3.268 | 2.1 | .083 | DIN 6537 L |
| 14.29 | .563 | 116.4 | 4.583 | 8 | 16 | 460.1-1429-107A1-XM | GC34 | 16.00 | .630 | 227 | 8.937 | 224.9 | 8.854 | 172 | 6.772 | 2.1 | .083 | COROMANT |
| 14.30 | .563 | 68.7 | 2.705 | 4 | 16 | 460.1-1430-072A1-XM | GC34 | 16.00 | .630 | 133 | 5.236 | 130.9 | 5.154 | 83 | 3.268 | 2.1 | .083 | DIN 6537 L |
| 14.50 | .571 | 45.7 | 1.799 | 3 | 16 | 460.1-1450-044A1-XM | GC34 | 16.00 | .630 | 115 | 4.528 | 112.8 | 4.441 | 65 | 2.559 | 2.2 | .087 | DIN 6537 K |
| 14.50 | .571 | 68.5 | 2.697 | 4 | 16 | 460.1-1450-073A1-XM | GC34 | 16.00 | .630 | 133 | 5.236 | 130.8 | 5.150 | 83 | 3.268 | 2.2 | .087 | DIN 6537 L |
| 14.50 | .571 | 118.2 | 4.654 | 8 | 16 | 460.1-1450-109A1-XM | GC34 | 16.00 | .630 | 227 | 8.937 | 224.8 | 8.850 | 172 | 6.772 | 2.2 | .087 | COROMANT |
| 14.55 | .573 | 68.5 | 2.697 | 4 | 16 | 460.1-1455-073A1-XM | GC34 | 16.00 | .630 | 133 | 5.236 | 130.8 | 5.150 | 83 | 3.268 | 2.2 | .087 | DIN 6537 L |
| 14.60 | .575 | 68.4 | 2.693 | 4 | 16 | 460.1-1460-073A1-XM | GC34 | 16.00 | .630 | 133 | 5.236 | 130.8 | 5.150 | 83 | 3.268 | 2.2 | .087 | DIN 6537 L |
| 14.68 | .578 | 46.2 | 1.819 | 3 | 16 | 460.1-1468-044A1-XM | GC34 | 16.00 | .630 | 115 | 4.528 | 112.8 | 4.441 | 65 | 2.559 | 2.2 | .087 | DIN 6537 K |
| 14.68 | .578 | 68.3 | 2.689 | 4 | 16 | 460.1-1468-073A1-XM | GC34 | 16.00 | .630 | 133 | 5.236 | 130.8 | 5.150 | 83 | 3.268 | 2.2 | .087 | DIN 6537 L |
| 14.68 | .578 | 119.7 | 4.713 | 8 | 16 | 460.1-1468-110A1-XM | GC34 | 16.00 | .630 | 227 | 8.937 | 224.8 | 8.850 | 172 | 6.772 | 2.2 | .087 | COROMANT |
| 14.70 | .579 | 119.8 | 4.717 | 8 | 16 | 460.1-1470-110A1-XM | GC34 | 16.00 | .630 | 227 | 8.937 | 224.8 | 8.850 | 172 | 6.772 | 2.2 | .087 | COROMANT |
| 14.75 | .581 | 68.3 | 2.689 | 4 | 16 | 460.1-1475-066A1-XM | GC34 | 16.00 | .630 | 133 | 5.236 | 130.8 | 5.150 | 83 | 3.268 | 2.2 | .087 | DIN 6537 L |
| 14.80 | .583 | 46.6 | 1.835 | 3 | 16 | 460.1-1480-044A1-XM | GC34 | 16.00 | .630 | 115 | 4.528 | 112.8 | 4.441 | 65 | 2.559 | 2.2 | .087 | DIN 6537 K |
| 14.80 | .583 | 68.2 | 2.685 | 4 | 16 | 460.1-1480-067A1-XM | GC34 | 16.00 | .630 | 133 | 5.236 | 130.8 | 5.150 | 83 | 3.268 | 2.2 | .087 | DIN 6537 L |
| 15.00 | .591 | 47.2 | 1.858 | 3 | 16 | 460.1-1500-045A1-XM | GC34 | 16.00 | .630 | 115 | 4.528 | 112.8 | 4.441 | 65 | 2.559 | 2.2 | .087 | DIN 6537 K |
| 15.00 | .591 | 68.0 | 2.677 | 4 | 16 | 460.1-1500-068A1-XM | GC34 | 16.00 | .630 | 133 | 5.236 | 130.8 | 5.150 | 83 | 3.268 | 2.2 | .087 | DIN 6537 L |
| 15.00 | .591 | 122.2 | 4.811 | 8 | 16 | 460.1-1500-113A1-XM | GC34 | 16.00 | .630 | 227 | 8.937 | 224.8 | 8.850 | 172 | 6.772 | 2.2 | .087 | COROMANT |
| 15.08 | .594 | 47.5 | 1.870 | 3 | 16 | 460.1-1508-045A1-XM | GC34 | 16.00 | .630 | 115 | 4.528 | 112.8 | 4.441 | 65 | 2.559 | 2.2 | .087 | DIN 6537 K |
| 15.08 | .594 | 67.9 | 2.673 | 4 | 16 | 460.1-1508-068A1-XM | GC34 | 16.00 | .630 | 133 | 5.236 | 130.8 | 5.150 | 83 | 3.268 | 2.2 | .087 | DIN 6537 L |
| 15.08 | .594 | 122.9 | 4.839 | 8 | 16 | 460.1-1508-113A1-XM | GC34 | 16.00 | .630 | 227 | 8.937 | 224.8 | 8.850 | 172 | 6.772 | 2.2 | .087 | COROMANT |
| 15.10 | .594 | 47.6 | 1.874 | 3 | 16 | 460.1-1510-045A1-XM | GC34 | 16.00 | .630 | 115 | 4.528 | 112.7 | 4.437 | 65 | 2.559 | 2.3 | .091 | DIN 6537 K |
| 15.10 | .594 | 67.9 | 2.673 | 4 | 16 | 460.1-1510-068A1-XM | GC34 | 16.00 | .630 | 133 | 5.236 | 130.7 | 5.146 | 83 | 3.268 | 2.3 | .091 | DIN 6537 L |
| 15.10 | .594 | 123.1 | 4.846 | 8 | 16 | 460.1-1510-113A1-XM | GC34 | 16.00 | .630 | 227 | 8.937 | 224.7 | 8.846 | 172 | 6.772 | 2.3 | .091 | COROMANT |
| 15.25 | .600 | 67.8 | 2.669 | 4 | 16 | 460.1-1525-069A1-XM | GC34 | 16.00 | .630 | 133 | 5.236 | 130.7 | 5.146 | 83 | 3.268 | 2.3 | .091 | DIN 6537 L |
| 15.30 | .602 | 67.7 | 2.665 | 4 | 16 | 460.1-1530-069A1-XM | GC34 | 16.00 | .630 | 133 | 5.236 | 130.7 | 5.146 | 83 | 3.268 | 2.3 | .091 | DIN 6537 L |
| 15.48 | .609 | 48.7 | 1.917 | 3 | 16 | 460.1-1548-046A1-XM | GC34 | 16.00 | .630 | 115 | 4.528 | 112.7 | 4.437 | 65 | 2.559 | 2.3 | .091 | DIN 6537 K |
| 15.48 | .609 | 67.5 | 2.657 | 4 | 16 | 460.1-1548-070A1-XM | GC34 | 16.00 | .630 | 133 | 5.236 | 130.7 | 5.146 | 83 | 3.268 | 2.3 | .091 | DIN 6537 L |
| 15.48 | .609 | 126.1 | 4.965 | 8 | 16 | 460.1-1548-116A1-XM | GC34 | 16.00 | .630 | 227 | 8.937 | 224.7 | 8.846 | 172 | 6.772 | 2.3 | .091 | COROMANT |
| 15.50 | .610 | 48.8 | 1.921 | 3 | 16 | 460.1-1550-047A1-XM | GC34 | 16.00 | .630 | 115 | 4.528 | 112.7 | 4.437 | 65 | 2.559 | 2.3 | .091 | DIN 6537 K |
| 15.50 | .610 | 67.5 | 2.657 | 4 | 16 | 460.1-1550-070A1-XM | GC34 | 16.00 | .630 | 133 | 5.236 | 130.7 | 5.146 | 83 | 3.268 | 2.3 | .091 | DIN 6537 L |
| 15.50 | .610 | 126.3 | 4.972 | 8 | 16 | 460.1-1550-116A1-XM | GC34 | 16.00 | .630 | 227 | 8.937 | 224.7 | 8.846 | 172 | 6.772 | 2.3 | .091 | COROMANT |
| 15.55 | .612 | 67.5 | 2.657 | 4 | 16 | 460.1-1555-070A1-XM | GC34 | 16.00 | .630 | 133 | 5.236 | 130.7 | 5.146 | 83 | 3.268 | 2.3 | .091 | DIN 6537 L |
| 15.60 | .614 | 67.4 | 2.654 | 4 | 16 | 460.1-1560-070A1-XM | GC34 | 16.00 | .630 | 133 | 5.236 | 130.7 | 5.146 | 83 | 3.268 | 2.3 | .091 | DIN 6537 L |
| 15.70 | .618 | 127.9 | 5.035 | 8 | 16 | 460.1-1570-118A1-XM | GC34 | 16.00 | .630 | 227 | 8.937 | 224.7 | 8.846 | 172 | 6.772 | 2.3 | .091 | COROMANT |
| 15.80 | .622 | 49.2 | 1.937 | 3 | 16 | 460.1-1580-047A1-XM | GC34 | 16.00 | .630 | 115 | 4.528 | 112.6 | 4.433 | 65 | 2.559 | 2.4 | .094 | DIN 6537 K |
| 15.80 | .622 | 67.2 | 2.646 | 4 | 16 | 460.1-1580-071A1-XM | GC34 | 16.00 | .630 | 133 | 5.236 | 130.6 | 5.142 | 83 | 3.268 | 2.4 | .094 | DIN 6537 L |
| 15.88 | .625 | 49.1 | 1.933 | 3 | 16 | 460.1-1588-048A1-XM | GC34 | 16.00 | .630 | 115 | 4.528 | 112.6 | 4.433 | 65 | 2.559 | 2.4 | .094 | DIN 6537 K |
| 15.88 | .625 | 67.1 | 2.642 | 4 | 16 | 460.1-1588-071A1-XM | GC34 | 16.00 | .630 | 133 | 5.236 | 130.6 | 5.142 | 83 | 3.268 | 2.4 | .094 | DIN 6537 L |
| 15.88 | .625 | 129.4 | 5.094 | 8 | 16 | 460.1-1588-119A1-XM | GC34 | 16.00 | .630 | 227 | 8.937 | 224.6 | 8.843 | 172 | 6.772 | 2.4 | .094 | COROMANT |
| 16.00 | .630 | 49.0 | 1.929 | 3 | 16 | 460.1-1600-048A1-XM | GC34 | 16.00 | .630 | 115 | 4.528 | 112.6 | 4.433 | 65 | 2.559 | 2.4 | .094 | DIN 6537 K |
| 16.00 | .630 | 67.0 | 2.638 | 4 | 16 | 460.1-1600-072A1-XM | GC34 | 16.00 | .630 | 133 | 5.236 | 130.6 | 5.142 | 83 | 3.268 | 2.4 | .094 | DIN 6537 L |
| 16.00 | .630 | 130.4 | 5.134 | 8 | 16 | 460.1-1600-120A1-XM | GC34 | 16.00 | .630 | 227 | 8.937 | 224.6 | 8.843 | 172 | 6.772 | 2.4 | .094 | COROMANT |
| 16.08 | .633 | 76.9 | 3.028 | 4 | 18 | 460.1-1608-072A1-XM | GC34 | 18.00 | .709 | 143 | 5.630 | 140.6 | 5.535 | 93 | 3.661 | 2.4 | .094 | DIN 6537 L |
| 16.10 | .634 | 76.9 | 3.028 | 4 | 18 | 460.1-1610-072A1-XM | GC34 | 18.00 | .709 | 143 | 5.630 | 140.6 | 5.535 | 93 | 3.661 | 2.4 | .094 | DIN 6537 L |
| 16.27 | .641 | 51.2 | 2.016 | 3 | 18 | 460.1-1627-049A1-XM | GC34 | 18.00 | .709 | 123 | 4.843 | 120.6 | 4.748 | 73 | 2.874 | 2.4 | .094 | DIN 6537 K |
| 16.27 | .641 | 76.7 | 3.020 | 4 | 18 | 460.1-1627-081A1-XM | GC34 | 18.00 | .709 | 143 | 5.630 | 140.6 | 5.535 | 93 | 3.661 | 2.4 | .094 | DIN 6537 L |



E8



E45



E36



E60

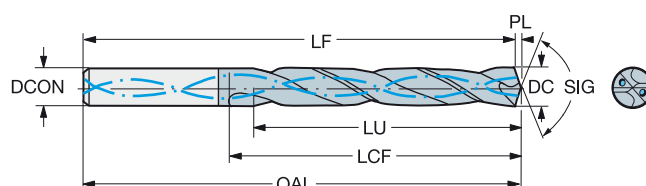


E50

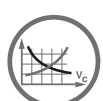
CoroDrill® 460, wiertło węglikowe

Do różnych materiałów

Wewnętrzne doprowadzenie chłodziwa

TCHA
SIGH9
140°

| | | | | | | | | Wymiary, mm, cale | | | | | | | | | | |
|-------|------|-------|-------|------|-------------------|---------------------|-------|-------------------|-------|-----|--------|-------|--------|-----|-------|-----|------|------------|
| DC | DC* | LU | LU* | ULDR | CZC _{MS} | Oznaczenie | GRADE | DCON | DCON* | OAL | OAL* | LF | LF* | LCF | LCF* | PL | PL* | BSG |
| 16.30 | .642 | 76.7 | 3.020 | 4 | 18 | 460.1-1630-073A1-XM | GC34 | 18.00 | .709 | 143 | 5.630 | 140.6 | 5.535 | 93 | 3.661 | 2.4 | .094 | DIN 6537 L |
| 16.50 | .650 | 52.0 | 2.047 | 3 | 18 | 460.1-1650-050A1-XM | GC34 | 18.00 | .709 | 123 | 4.843 | 120.5 | 4.744 | 73 | 2.874 | 2.5 | .098 | DIN 6537 K |
| 16.50 | .650 | 76.5 | 3.012 | 4 | 18 | 460.1-1650-074A1-XM | GC34 | 18.00 | .709 | 143 | 5.630 | 140.5 | 5.532 | 93 | 3.661 | 2.5 | .098 | DIN 6537 L |
| 16.55 | .652 | 76.5 | 3.012 | 4 | 18 | 460.1-1655-074A1-XM | GC34 | 18.00 | .709 | 143 | 5.630 | 140.5 | 5.532 | 93 | 3.661 | 2.5 | .098 | DIN 6537 L |
| 16.67 | .656 | 52.5 | 2.067 | 3 | 18 | 460.1-1667-050A1-XM | GC34 | 18.00 | .709 | 123 | 4.843 | 120.5 | 4.744 | 73 | 2.874 | 2.5 | .098 | DIN 6537 K |
| 16.67 | .656 | 76.3 | 3.004 | 4 | 18 | 460.1-1667-075A1-XM | GC34 | 18.00 | .709 | 143 | 5.630 | 140.5 | 5.532 | 93 | 3.661 | 2.5 | .098 | DIN 6537 L |
| 16.75 | .659 | 76.3 | 3.004 | 4 | 18 | 460.1-1675-075A1-XM | GC34 | 18.00 | .709 | 143 | 5.630 | 140.5 | 5.532 | 93 | 3.661 | 2.5 | .098 | DIN 6537 L |
| 16.80 | .661 | 76.2 | 3.000 | 4 | 18 | 460.1-1680-076A1-XM | GC34 | 18.00 | .709 | 143 | 5.630 | 140.5 | 5.532 | 93 | 3.661 | 2.5 | .098 | DIN 6537 L |
| 16.90 | .665 | 76.1 | 2.996 | 4 | 18 | 460.1-1690-076A1-XM | GC34 | 18.00 | .709 | 143 | 5.630 | 140.5 | 5.532 | 93 | 3.661 | 2.5 | .098 | DIN 6537 L |
| 17.00 | .669 | 53.5 | 2.106 | 3 | 18 | 460.1-1700-051A1-XM | GC34 | 18.00 | .709 | 123 | 4.843 | 120.5 | 4.744 | 73 | 2.874 | 2.5 | .098 | DIN 6537 K |
| 17.00 | .669 | 76.0 | 2.992 | 4 | 18 | 460.1-1700-077A1-XM | GC34 | 18.00 | .709 | 143 | 5.630 | 140.5 | 5.532 | 93 | 3.661 | 2.5 | .098 | DIN 6537 L |
| 17.00 | .669 | 138.5 | 5.453 | 8 | 18 | 460.1-1700-128A1-XM | GC34 | 18.00 | .709 | 246 | 9.685 | 243.5 | 9.587 | 194 | 7.638 | 2.5 | .098 | COROMANT |
| 17.07 | .672 | 53.7 | 2.114 | 3 | 18 | 460.1-1707-051A1-XM | GC34 | 18.00 | .709 | 123 | 4.843 | 120.5 | 4.744 | 73 | 2.874 | 2.5 | .098 | DIN 6537 K |
| 17.07 | .672 | 75.9 | 2.988 | 4 | 18 | 460.1-1707-077A1-XM | GC34 | 18.00 | .709 | 143 | 5.630 | 140.5 | 5.532 | 93 | 3.661 | 2.5 | .098 | DIN 6537 L |
| 17.10 | .673 | 75.9 | 2.988 | 4 | 18 | 460.1-1710-077A1-XM | GC34 | 18.00 | .709 | 143 | 5.630 | 140.4 | 5.528 | 93 | 3.661 | 2.6 | .102 | DIN 6537 L |
| 17.30 | .681 | 75.7 | 2.980 | 4 | 18 | 460.1-1730-078A1-XM | GC34 | 18.00 | .709 | 143 | 5.630 | 140.4 | 5.528 | 93 | 3.661 | 2.6 | .102 | DIN 6537 L |
| 17.46 | .687 | 55.0 | 2.165 | 3 | 18 | 460.1-1746-052A1-XM | GC34 | 18.00 | .709 | 123 | 4.843 | 120.4 | 4.740 | 73 | 2.874 | 2.6 | .102 | DIN 6537 K |
| 17.46 | .687 | 75.5 | 2.972 | 4 | 18 | 460.1-1746-079A1-XM | GC34 | 18.00 | .709 | 143 | 5.630 | 140.4 | 5.528 | 93 | 3.661 | 2.6 | .102 | DIN 6537 L |
| 17.50 | .689 | 55.1 | 2.169 | 3 | 18 | 460.1-1750-053A1-XM | GC34 | 18.00 | .709 | 123 | 4.843 | 120.4 | 4.740 | 73 | 2.874 | 2.6 | .102 | DIN 6537 K |
| 17.50 | .689 | 75.5 | 2.972 | 4 | 18 | 460.1-1750-079A1-XM | GC34 | 18.00 | .709 | 143 | 5.630 | 140.4 | 5.528 | 93 | 3.661 | 2.6 | .102 | DIN 6537 L |
| 17.50 | .689 | 142.6 | 5.614 | 8 | 18 | 460.1-1750-131A1-XM | GC34 | 18.00 | .709 | 246 | 9.685 | 243.4 | 9.583 | 194 | 7.638 | 2.6 | .102 | COROMANT |
| 17.55 | .691 | 75.5 | 2.972 | 4 | 18 | 460.1-1755-079A1-XM | GC34 | 18.00 | .709 | 143 | 5.630 | 140.4 | 5.528 | 93 | 3.661 | 2.6 | .102 | DIN 6537 L |
| 17.80 | .701 | 75.2 | 2.961 | 4 | 18 | 460.1-1780-080A1-XM | GC34 | 18.00 | .709 | 143 | 5.630 | 140.3 | 5.524 | 93 | 3.661 | 2.7 | .106 | DIN 6537 L |
| 17.86 | .703 | 55.1 | 2.169 | 3 | 18 | 460.1-1786-054A1-XM | GC34 | 18.00 | .709 | 123 | 4.843 | 120.3 | 4.736 | 73 | 2.874 | 2.7 | .106 | DIN 6537 K |
| 17.86 | .703 | 75.1 | 2.957 | 4 | 18 | 460.1-1786-080A1-XM | GC34 | 18.00 | .709 | 143 | 5.630 | 140.3 | 5.524 | 93 | 3.661 | 2.7 | .106 | DIN 6537 L |
| 17.90 | .705 | 75.1 | 2.957 | 4 | 18 | 460.1-1790-081A1-XM | GC34 | 18.00 | .709 | 143 | 5.630 | 140.3 | 5.524 | 93 | 3.661 | 2.7 | .106 | DIN 6537 L |
| 18.00 | .709 | 56.7 | 2.232 | 3 | 18 | 460.1-1800-054A1-XM | GC34 | 18.00 | .709 | 123 | 4.843 | 120.3 | 4.736 | 73 | 2.874 | 2.7 | .106 | DIN 6537 K |
| 18.00 | .709 | 78.6 | 3.094 | 4 | 18 | 460.1-1800-081A1-XM | GC34 | 18.00 | .709 | 143 | 5.630 | 140.3 | 5.524 | 93 | 3.661 | 2.7 | .106 | DIN 6537 L |
| 18.00 | .709 | 146.7 | 5.776 | 8 | 18 | 460.1-1800-135A1-XM | GC34 | 18.00 | .709 | 246 | 9.685 | 243.3 | 9.579 | 194 | 7.638 | 2.7 | .106 | COROMANT |
| 18.26 | .719 | 57.5 | 2.264 | 3 | 20 | 460.1-1826-055A1-XM | GC34 | 20.00 | .787 | 131 | 5.157 | 128.3 | 5.051 | 79 | 3.110 | 2.7 | .106 | DIN 6537 K |
| 18.26 | .719 | 86.4 | 3.402 | 4 | 20 | 460.1-1826-082A1-XM | GC34 | 20.00 | .787 | 153 | 6.024 | 150.3 | 5.917 | 101 | 3.976 | 2.7 | .106 | DIN 6537 L |
| 18.35 | .722 | 86.3 | 3.398 | 4 | 20 | 460.1-1835-083A1-XM | GC34 | 20.00 | .787 | 153 | 6.024 | 150.3 | 5.917 | 101 | 3.976 | 2.7 | .106 | DIN 6537 L |
| 18.50 | .728 | 58.3 | 2.295 | 3 | 20 | 460.1-1850-056A1-XM | GC34 | 20.00 | .787 | 131 | 5.157 | 128.2 | 5.047 | 79 | 3.110 | 2.8 | .110 | DIN 6537 K |
| 18.50 | .728 | 86.2 | 3.394 | 4 | 20 | 460.1-1850-083A1-XM | GC34 | 20.00 | .787 | 153 | 6.024 | 150.2 | 5.913 | 101 | 3.976 | 2.8 | .110 | DIN 6537 L |
| 18.50 | .728 | 150.8 | 5.937 | 8 | 20 | 460.1-1850-139A1-XM | GC34 | 20.00 | .787 | 269 | 10.591 | 266.2 | 10.480 | 215 | 8.465 | 2.8 | .110 | COROMANT |
| 18.65 | .734 | 58.7 | 2.311 | 3 | 20 | 460.1-1865-056A1-XM | GC34 | 20.00 | .787 | 131 | 5.157 | 128.2 | 5.047 | 79 | 3.110 | 2.8 | .110 | DIN 6537 K |
| 18.65 | .734 | 86.1 | 3.390 | 4 | 20 | 460.1-1865-084A1-XM | GC34 | 20.00 | .787 | 153 | 6.024 | 150.2 | 5.913 | 101 | 3.976 | 2.8 | .110 | DIN 6537 L |
| 18.80 | .740 | 59.2 | 2.331 | 3 | 20 | 460.1-1880-056A1-XM | GC34 | 20.00 | .787 | 131 | 5.157 | 128.2 | 5.047 | 79 | 3.110 | 2.8 | .110 | DIN 6537 K |
| 18.90 | .744 | 85.9 | 3.382 | 4 | 20 | 460.1-1890-085A1-XM | GC34 | 20.00 | .787 | 153 | 6.024 | 150.2 | 5.913 | 101 | 3.976 | 2.8 | .110 | DIN 6537 L |
| 19.00 | .748 | 59.8 | 2.354 | 3 | 20 | 460.1-1900-057A1-XM | GC34 | 20.00 | .787 | 131 | 5.157 | 128.2 | 5.047 | 79 | 3.110 | 2.8 | .110 | DIN 6537 K |
| 19.00 | .748 | 85.8 | 3.378 | 4 | 20 | 460.1-1900-086A1-XM | GC34 | 20.00 | .787 | 153 | 6.024 | 150.2 | 5.913 | 101 | 3.976 | 2.8 | .110 | DIN 6537 L |
| 19.00 | .748 | 154.8 | 6.094 | 8 | 20 | 460.1-1900-143A1-XM | GC34 | 20.00 | .787 | 269 | 10.591 | 266.2 | 10.480 | 215 | 8.465 | 2.8 | .110 | COROMANT |
| 19.05 | .750 | 60.0 | 2.362 | 3 | 20 | 460.1-1905-057A1-XM | GC34 | 20.00 | .787 | 131 | 5.157 | 128.2 | 5.047 | 79 | 3.110 | 2.8 | .110 | DIN 6537 K |
| 19.05 | .750 | 85.8 | 3.378 | 4 | 20 | 460.1-1905-086A1-XM | GC34 | 20.00 | .787 | 153 | 6.024 | 150.2 | 5.913 | 101 | 3.976 | 2.8 | .110 | DIN 6537 L |
| 19.25 | .758 | 85.6 | 3.370 | 4 | 20 | 460.1-1925-087A1-XM | GC34 | 20.00 | .787 | 153 | 6.024 | 150.1 | 5.909 | 101 | 3.976 | 2.9 | .114 | DIN 6537 L |
| 19.30 | .760 | 85.6 | 3.370 | 4 | 20 | 460.1-1930-087A1-XM | GC34 | 20.00 | .787 | 153 | 6.024 | 150.1 | 5.909 | 101 | 3.976 | 2.9 | .114 | DIN 6537 L |
| 19.50 | .768 | 61.4 | 2.417 | 3 | 20 | 460.1-1950-059A1-XM | GC34 | 20.00 | .787 | 131 | 5.157 | 128.1 | 5.043 | 79 | 3.110 | 2.9 | .114 | DIN 6537 K |
| 19.50 | .768 | 85.4 | 3.362 | 4 | 20 | 460.1-1950-088A1-XM | GC34 | 20.00 | .787 | 153 | 6.024 | 150.1 | 5.909 | 101 | 3.976 | 2.9 | .114 | DIN 6537 L |



E8



E45



E36



E60



E50



A

WIERCENIE

CoroDrill® 460, wiertło węglikowe

Do różnych materiałów

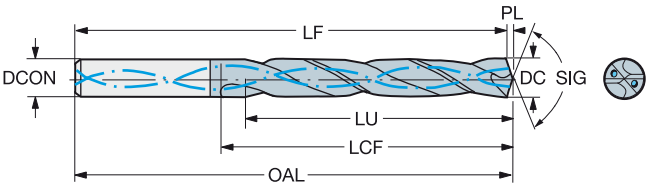
Wewnętrzne doprowadzenie chłodziwa

B



TCHA
SIG

H9
140°



C



| | | | | | | | | Wymiary, mm, <i>cale</i> | | | | | | | | | | |
|-------|------|-------|-------|------|-------------------|---------------------|-------|--------------------------|-------|-----|--------|-------|--------|-----|-------|-----|------|------------|
| DC | DC" | LU | LU" | ULDR | CZC _{MS} | Oznaczenie | GRADE | DCON | DCON" | OAL | OAL" | LF | LF" | LCF | LCF" | PL | PL" | BSG |
| 19.50 | .768 | 158.9 | 6.256 | 8 | 20 | 460.1-1950-146A1-XM | GC34 | 20.00 | .787 | 269 | 10.591 | 266.1 | 10.476 | 215 | 8.465 | 2.9 | .114 | COROMANT |
| 19.55 | .770 | 85.4 | 3.362 | 4 | 20 | 460.1-1955-088A1-XM | GC34 | 20.00 | .787 | 153 | 6.024 | 150.1 | 5.909 | 101 | 3.976 | 2.9 | .114 | DIN 6537 L |
| 19.80 | .780 | 62.4 | 2.457 | 3 | 20 | 460.1-1980-059A1-XM | GC34 | 20.00 | .787 | 131 | 5.157 | 128.0 | 5.039 | 79 | 3.110 | 3.0 | .118 | DIN 6537 K |
| 19.80 | .780 | 85.2 | 3.354 | 4 | 20 | 460.1-1980-089A1-XM | GC34 | 20.00 | .787 | 153 | 6.024 | 150.0 | 5.906 | 101 | 3.976 | 3.0 | .118 | DIN 6537 L |
| 20.00 | .787 | 63.0 | 2.480 | 3 | 20 | 460.1-2000-060A1-XM | GC34 | 20.00 | .787 | 131 | 5.157 | 128.0 | 5.039 | 79 | 3.110 | 3.0 | .118 | DIN 6537 K |
| 20.00 | .787 | 85.0 | 3.346 | 4 | 20 | 460.1-2000-090A1-XM | GC34 | 20.00 | .787 | 153 | 6.024 | 150.0 | 5.906 | 101 | 3.976 | 3.0 | .118 | DIN 6537 L |
| 20.00 | .787 | 163.0 | 6.417 | 8 | 20 | 460.1-2000-150A1-XM | GC34 | 20.00 | .787 | 269 | 10.591 | 266.0 | 10.472 | 215 | 8.465 | 3.0 | .118 | COROMANT |

D

E

E8

E45

E36

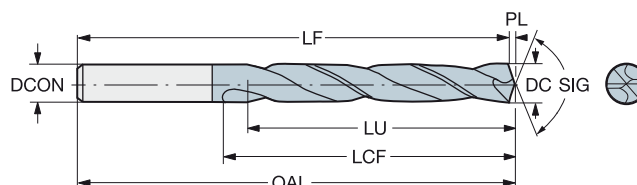
E60

E50

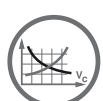
CoroDrill® 460, wiertło węglikowe

Do różnych materiałów

Zewnętrzne doprowadzenie chłodziwa

TCHA
SIGH9
140°

| | | | | | | | | Wymiary, mm, cale | | | | | | | | | | |
|------|------|------|------|------|-------------------|---------------------|-------|-------------------|-------|-----|-------|------|-------|-----|-------|-----|------|------------|
| DC | DC" | LU | LU" | ULDR | CZC _{MS} | Oznaczenie | GRADE | DCON | DCON" | OAL | OAL" | LF | LF" | LCF | LCF" | PL | PL" | BSG |
| 3.00 | .118 | 9.4 | .370 | 3 | 6 | 460.1-0300-009A0-XM | GC34 | 6.00 | .236 | 62 | 2.441 | 61.6 | 2.425 | 20 | .787 | 0.4 | .016 | DIN 6537 K |
| 3.00 | .118 | 15.4 | .606 | 5 | 6 | 460.1-0300-015A0-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.6 | 2.583 | 28 | 1.102 | 0.4 | .016 | DIN 6537 L |
| 3.10 | .122 | 9.7 | .382 | 3 | 6 | 460.1-0310-009A0-XM | GC34 | 6.00 | .236 | 62 | 2.441 | 61.6 | 2.425 | 20 | .787 | 0.4 | .016 | DIN 6537 K |
| 3.10 | .122 | 15.9 | .626 | 5 | 6 | 460.1-0310-016A0-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.6 | 2.583 | 28 | 1.102 | 0.4 | .016 | DIN 6537 L |
| 3.18 | .125 | 10.0 | .394 | 3 | 6 | 460.1-0318-010A0-XM | GC34 | 6.00 | .236 | 62 | 2.441 | 61.5 | 2.421 | 20 | .787 | 0.5 | .020 | DIN 6537 K |
| 3.18 | .125 | 16.3 | .642 | 5 | 6 | 460.1-0318-016A0-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.5 | 2.579 | 28 | 1.102 | 0.5 | .020 | DIN 6537 L |
| 3.20 | .126 | 10.1 | .398 | 3 | 6 | 460.1-0320-010A0-XM | GC34 | 6.00 | .236 | 62 | 2.441 | 61.5 | 2.421 | 20 | .787 | 0.5 | .020 | DIN 6537 K |
| 3.20 | .126 | 16.5 | .650 | 5 | 6 | 460.1-0320-016A0-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.5 | 2.579 | 28 | 1.102 | 0.5 | .020 | DIN 6537 L |
| 3.30 | .130 | 10.4 | .409 | 3 | 6 | 460.1-0330-010A0-XM | GC34 | 6.00 | .236 | 62 | 2.441 | 61.5 | 2.421 | 20 | .787 | 0.5 | .020 | DIN 6537 K |
| 3.30 | .130 | 17.0 | .669 | 5 | 6 | 460.1-0330-017A0-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.5 | 2.579 | 28 | 1.102 | 0.5 | .020 | DIN 6537 L |
| 3.40 | .134 | 10.7 | .421 | 3 | 6 | 460.1-0340-010A0-XM | GC34 | 6.00 | .236 | 62 | 2.441 | 61.5 | 2.421 | 20 | .787 | 0.5 | .020 | DIN 6537 K |
| 3.40 | .134 | 17.5 | .689 | 5 | 6 | 460.1-0340-017A0-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.5 | 2.579 | 28 | 1.102 | 0.5 | .020 | DIN 6537 L |
| 3.50 | .138 | 11.0 | .433 | 3 | 6 | 460.1-0350-011A0-XM | GC34 | 6.00 | .236 | 62 | 2.441 | 61.5 | 2.421 | 20 | .787 | 0.5 | .020 | DIN 6537 K |
| 3.50 | .138 | 18.0 | .709 | 5 | 6 | 460.1-0350-018A0-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.5 | 2.579 | 28 | 1.102 | 0.5 | .020 | DIN 6537 L |
| 3.57 | .141 | 11.2 | .441 | 3 | 6 | 460.1-0357-011A0-XM | GC34 | 6.00 | .236 | 62 | 2.441 | 61.5 | 2.421 | 20 | .787 | 0.5 | .020 | DIN 6537 K |
| 3.57 | .141 | 18.4 | .724 | 5 | 6 | 460.1-0357-018A0-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.5 | 2.579 | 28 | 1.102 | 0.5 | .020 | DIN 6537 L |
| 3.60 | .142 | 11.3 | .445 | 3 | 6 | 460.1-0360-011A0-XM | GC34 | 6.00 | .236 | 62 | 2.441 | 61.5 | 2.421 | 20 | .787 | 0.5 | .020 | DIN 6537 K |
| 3.60 | .142 | 18.5 | .728 | 5 | 6 | 460.1-0360-018A0-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.5 | 2.579 | 28 | 1.102 | 0.5 | .020 | DIN 6537 L |
| 3.70 | .146 | 11.6 | .457 | 3 | 6 | 460.1-0370-011A0-XM | GC34 | 6.00 | .236 | 62 | 2.441 | 61.5 | 2.421 | 20 | .787 | 0.5 | .020 | DIN 6537 K |
| 3.70 | .146 | 19.0 | .748 | 5 | 6 | 460.1-0370-019A0-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.5 | 2.579 | 28 | 1.102 | 0.5 | .020 | DIN 6537 L |
| 3.73 | .147 | 11.7 | .461 | 3 | 6 | 460.1-0373-011A0-XM | GC34 | 6.00 | .236 | 62 | 2.441 | 61.5 | 2.421 | 20 | .787 | 0.5 | .020 | DIN 6537 K |
| 3.80 | .150 | 11.9 | .469 | 3 | 6 | 460.1-0380-011A0-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.5 | 2.579 | 24 | .945 | 0.5 | .020 | DIN 6537 K |
| 3.80 | .150 | 19.5 | .768 | 5 | 6 | 460.1-0380-019A0-XM | GC34 | 6.00 | .236 | 74 | 2.913 | 73.5 | 2.894 | 36 | 1.417 | 0.5 | .020 | DIN 6537 L |
| 3.90 | .154 | 12.3 | .484 | 3 | 6 | 460.1-0390-012A0-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.4 | 2.575 | 24 | .945 | 0.6 | .024 | DIN 6537 K |
| 3.90 | .154 | 20.1 | .791 | 5 | 6 | 460.1-0390-020A0-XM | GC34 | 6.00 | .236 | 74 | 2.913 | 73.4 | 2.890 | 36 | 1.417 | 0.6 | .024 | DIN 6537 L |
| 3.97 | .156 | 12.5 | .492 | 3 | 6 | 460.1-0397-012A0-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.4 | 2.575 | 24 | .945 | 0.6 | .024 | DIN 6537 K |
| 3.97 | .156 | 20.4 | .803 | 5 | 6 | 460.1-0397-020A0-XM | GC34 | 6.00 | .236 | 74 | 2.913 | 73.4 | 2.890 | 36 | 1.417 | 0.6 | .024 | DIN 6537 L |
| 4.00 | .157 | 12.6 | .496 | 3 | 6 | 460.1-0400-012A0-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.4 | 2.575 | 24 | .945 | 0.6 | .024 | DIN 6537 K |
| 4.00 | .157 | 20.6 | .811 | 5 | 6 | 460.1-0400-020A0-XM | GC34 | 6.00 | .236 | 74 | 2.913 | 73.4 | 2.890 | 36 | 1.417 | 0.6 | .024 | DIN 6537 L |
| 4.10 | .161 | 12.9 | .508 | 3 | 6 | 460.1-0410-012A0-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.4 | 2.575 | 24 | .945 | 0.6 | .024 | DIN 6537 K |
| 4.10 | .161 | 21.1 | .831 | 5 | 6 | 460.1-0410-021A0-XM | GC34 | 6.00 | .236 | 74 | 2.913 | 73.4 | 2.890 | 36 | 1.417 | 0.6 | .024 | DIN 6537 L |
| 4.20 | .165 | 13.2 | .520 | 3 | 6 | 460.1-0420-013A0-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.4 | 2.575 | 24 | .945 | 0.6 | .024 | DIN 6537 K |
| 4.20 | .165 | 21.6 | .850 | 5 | 6 | 460.1-0420-021A0-XM | GC34 | 6.00 | .236 | 74 | 2.913 | 73.4 | 2.890 | 36 | 1.417 | 0.6 | .024 | DIN 6537 L |
| 4.30 | .169 | 13.5 | .531 | 3 | 6 | 460.1-0430-013A0-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.4 | 2.575 | 24 | .945 | 0.6 | .024 | DIN 6537 K |
| 4.30 | .169 | 22.1 | .870 | 5 | 6 | 460.1-0430-022A0-XM | GC34 | 6.00 | .236 | 74 | 2.913 | 73.4 | 2.890 | 36 | 1.417 | 0.6 | .024 | DIN 6537 L |
| 4.37 | .172 | 13.7 | .539 | 3 | 6 | 460.1-0437-013A0-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.4 | 2.575 | 24 | .945 | 0.6 | .024 | DIN 6537 K |
| 4.37 | .172 | 22.5 | .886 | 5 | 6 | 460.1-0437-022A0-XM | GC34 | 6.00 | .236 | 74 | 2.913 | 73.4 | 2.890 | 36 | 1.417 | 0.6 | .024 | DIN 6537 L |
| 4.40 | .173 | 13.8 | .543 | 3 | 6 | 460.1-0440-013A0-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.4 | 2.575 | 24 | .945 | 0.6 | .024 | DIN 6537 K |
| 4.40 | .173 | 22.6 | .890 | 5 | 6 | 460.1-0440-022A0-XM | GC34 | 6.00 | .236 | 74 | 2.913 | 73.4 | 2.890 | 36 | 1.417 | 0.6 | .024 | DIN 6537 L |
| 4.50 | .177 | 14.2 | .559 | 3 | 6 | 460.1-0450-014A0-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.3 | 2.571 | 24 | .945 | 0.7 | .028 | DIN 6537 K |
| 4.50 | .177 | 23.2 | .913 | 5 | 6 | 460.1-0450-023A0-XM | GC34 | 6.00 | .236 | 74 | 2.913 | 73.3 | 2.886 | 36 | 1.417 | 0.7 | .028 | DIN 6537 L |
| 4.60 | .181 | 14.5 | .571 | 3 | 6 | 460.1-0460-014A0-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.3 | 2.571 | 24 | .945 | 0.7 | .028 | DIN 6537 K |
| 4.60 | .181 | 23.7 | .933 | 5 | 6 | 460.1-0460-023A0-XM | GC34 | 6.00 | .236 | 74 | 2.913 | 73.3 | 2.886 | 36 | 1.417 | 0.7 | .028 | DIN 6537 L |
| 4.70 | .185 | 14.6 | .575 | 3 | 6 | 460.1-0470-014A0-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.3 | 2.571 | 24 | .945 | 0.7 | .028 | DIN 6537 K |
| 4.70 | .185 | 24.2 | .953 | 5 | 6 | 460.1-0470-024A0-XM | GC34 | 6.00 | .236 | 74 | 2.913 | 73.3 | 2.886 | 36 | 1.417 | 0.7 | .028 | DIN 6537 L |
| 4.76 | .187 | 15.0 | .591 | 3 | 6 | 460.1-0476-014A0-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.3 | 2.571 | 28 | 1.102 | 0.7 | .028 | DIN 6537 K |
| 4.76 | .187 | 24.5 | .965 | 5 | 6 | 460.1-0476-024A0-XM | GC34 | 6.00 | .236 | 82 | 3.228 | 81.3 | 3.201 | 44 | 1.732 | 0.7 | .028 | DIN 6537 L |
| 4.80 | .189 | 15.1 | .594 | 3 | 6 | 460.1-0480-014A0-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.3 | 2.571 | 28 | 1.102 | 0.7 | .028 | DIN 6537 K |



E14



E45



E36

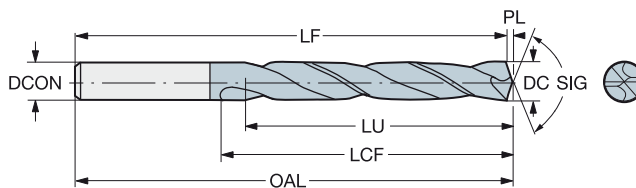


E50

CoroDrill® 460, wiertło węglikowe

Do różnych materiałów

Zewnętrzne doprowadzenie chłodziwa

TCH
SIGH9
140°

| | | | | | | | | Wymiary, mm, cale | | | | | | | | | | |
|------|------|------|-------|------|-------------------|---------------------|-------|-------------------|-------|-----|-------|------|-------|-----|-------|-----|------|------------|
| DC | DC" | LU | LU" | ULDR | CZC _{MS} | Oznaczenie | GRADE | DCON | DCON" | OAL | OAL" | LF | LF" | LCF | LCF" | PL | PL" | BSG |
| 4.80 | .189 | 24.7 | .972 | 5 | 6 | 460.1-0480-024A0-XM | GC34 | 6.00 | .236 | 82 | 3.228 | 81.3 | 3.201 | 44 | 1.732 | 0.7 | .028 | DIN 6537 L |
| 4.90 | .193 | 15.4 | .606 | 3 | 6 | 460.1-0490-015A0-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.3 | 2.571 | 28 | 1.102 | 0.7 | .028 | DIN 6537 K |
| 4.90 | .193 | 25.2 | .992 | 5 | 6 | 460.1-0490-025A0-XM | GC34 | 6.00 | .236 | 82 | 3.228 | 81.3 | 3.201 | 44 | 1.732 | 0.7 | .028 | DIN 6537 L |
| 5.00 | .197 | 15.7 | .618 | 3 | 6 | 460.1-0500-015A0-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.3 | 2.571 | 28 | 1.102 | 0.7 | .028 | DIN 6537 K |
| 5.00 | .197 | 25.7 | 1.012 | 5 | 6 | 460.1-0500-025A0-XM | GC34 | 6.00 | .236 | 82 | 3.228 | 81.3 | 3.201 | 44 | 1.732 | 0.7 | .028 | DIN 6537 L |
| 5.10 | .201 | 16.0 | .630 | 3 | 6 | 460.1-0510-015A0-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.3 | 2.571 | 28 | 1.102 | 0.7 | .028 | DIN 6537 K |
| 5.10 | .201 | 26.2 | 1.032 | 5 | 6 | 460.1-0510-026A0-XM | GC34 | 6.00 | .236 | 82 | 3.228 | 81.3 | 3.201 | 44 | 1.732 | 0.7 | .028 | DIN 6537 L |
| 5.16 | .203 | 16.2 | .638 | 3 | 6 | 460.1-0516-016A0-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.2 | 2.567 | 28 | 1.102 | 0.8 | .031 | DIN 6537 K |
| 5.16 | .203 | 26.5 | 1.043 | 5 | 6 | 460.1-0516-026A0-XM | GC34 | 6.00 | .236 | 82 | 3.228 | 81.2 | 3.197 | 44 | 1.732 | 0.8 | .031 | DIN 6537 L |
| 5.20 | .205 | 16.4 | .646 | 3 | 6 | 460.1-0520-016A0-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.2 | 2.567 | 28 | 1.102 | 0.8 | .031 | DIN 6537 K |
| 5.20 | .205 | 26.8 | 1.055 | 5 | 6 | 460.1-0520-026A0-XM | GC34 | 6.00 | .236 | 82 | 3.228 | 81.2 | 3.197 | 44 | 1.732 | 0.8 | .031 | DIN 6537 L |
| 5.50 | .217 | 17.3 | .681 | 3 | 6 | 460.1-0550-017A0-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.2 | 2.567 | 28 | 1.102 | 0.8 | .031 | DIN 6537 K |
| 5.50 | .217 | 28.3 | 1.114 | 5 | 6 | 460.1-0550-028A0-XM | GC34 | 6.00 | .236 | 82 | 3.228 | 81.2 | 3.197 | 44 | 1.732 | 0.8 | .031 | DIN 6537 L |
| 5.56 | .219 | 17.5 | .689 | 3 | 6 | 460.1-0556-017A0-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.2 | 2.567 | 28 | 1.102 | 0.8 | .031 | DIN 6537 K |
| 5.56 | .219 | 28.6 | 1.126 | 5 | 6 | 460.1-0556-028A0-XM | GC34 | 6.00 | .236 | 82 | 3.228 | 81.2 | 3.197 | 44 | 1.732 | 0.8 | .031 | DIN 6537 L |
| 5.60 | .220 | 17.6 | .693 | 3 | 6 | 460.1-0560-017A0-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.2 | 2.567 | 28 | 1.102 | 0.8 | .031 | DIN 6537 K |
| 5.60 | .220 | 28.8 | 1.134 | 5 | 6 | 460.1-0560-028A0-XM | GC34 | 6.00 | .236 | 82 | 3.228 | 81.2 | 3.197 | 44 | 1.732 | 0.8 | .031 | DIN 6537 L |
| 5.70 | .224 | 17.7 | .697 | 3 | 6 | 460.1-0570-017A0-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.2 | 2.567 | 28 | 1.102 | 0.8 | .031 | DIN 6537 K |
| 5.70 | .224 | 29.3 | 1.154 | 5 | 6 | 460.1-0570-029A0-XM | GC34 | 6.00 | .236 | 82 | 3.228 | 81.2 | 3.197 | 44 | 1.732 | 0.8 | .031 | DIN 6537 L |
| 5.80 | .228 | 17.6 | .693 | 3 | 6 | 460.1-0580-017A0-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.1 | 2.563 | 28 | 1.102 | 0.9 | .035 | DIN 6537 K |
| 5.80 | .228 | 29.9 | 1.177 | 5 | 6 | 460.1-0580-029A0-XM | GC34 | 6.00 | .236 | 82 | 3.228 | 81.1 | 3.193 | 44 | 1.732 | 0.9 | .035 | DIN 6537 L |
| 5.95 | .234 | 17.3 | .681 | 2 | 6 | 460.1-0595-018A0-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.1 | 2.563 | 28 | 1.102 | 0.9 | .035 | DIN 6537 K |
| 5.95 | .234 | 30.6 | 1.205 | 5 | 6 | 460.1-0595-030A0-XM | GC34 | 6.00 | .236 | 82 | 3.228 | 81.1 | 3.193 | 44 | 1.732 | 0.9 | .035 | DIN 6537 L |
| 6.00 | .236 | 18.9 | .744 | 3 | 6 | 460.1-0600-018A0-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.1 | 2.563 | 28 | 1.102 | 0.9 | .035 | DIN 6537 K |
| 6.00 | .236 | 30.9 | 1.217 | 5 | 6 | 460.1-0600-030A0-XM | GC34 | 6.00 | .236 | 82 | 3.228 | 81.1 | 3.193 | 44 | 1.732 | 0.9 | .035 | DIN 6537 L |
| 6.10 | .240 | 19.2 | .756 | 3 | 8 | 460.1-0610-018A0-XM | GC34 | 8.00 | .315 | 79 | 3.110 | 78.1 | 3.075 | 34 | 1.339 | 0.9 | .035 | DIN 6537 K |
| 6.10 | .240 | 31.4 | 1.236 | 5 | 8 | 460.1-0610-031A0-XM | GC34 | 8.00 | .315 | 91 | 3.583 | 90.1 | 3.547 | 53 | 2.087 | 0.9 | .035 | DIN 6537 L |
| 6.20 | .244 | 19.5 | .768 | 3 | 8 | 460.1-0620-019A0-XM | GC34 | 8.00 | .315 | 79 | 3.110 | 78.1 | 3.075 | 34 | 1.339 | 0.9 | .035 | DIN 6537 K |
| 6.20 | .244 | 31.9 | 1.256 | 5 | 8 | 460.1-0620-031A0-XM | GC34 | 8.00 | .315 | 91 | 3.583 | 90.1 | 3.547 | 53 | 2.087 | 0.9 | .035 | DIN 6537 L |
| 6.30 | .248 | 19.8 | .780 | 3 | 8 | 460.1-0630-019A0-XM | GC34 | 8.00 | .315 | 79 | 3.110 | 78.1 | 3.075 | 34 | 1.339 | 0.9 | .035 | DIN 6537 K |
| 6.30 | .248 | 32.4 | 1.276 | 5 | 8 | 460.1-0630-032A0-XM | GC34 | 8.00 | .315 | 91 | 3.583 | 90.1 | 3.547 | 53 | 2.087 | 0.9 | .035 | DIN 6537 L |
| 6.35 | .250 | 20.0 | .787 | 3 | 8 | 460.1-0635-019A0-XM | GC34 | 8.00 | .315 | 79 | 3.110 | 78.1 | 3.075 | 34 | 1.339 | 0.9 | .035 | DIN 6537 K |
| 6.35 | .250 | 32.7 | 1.287 | 5 | 8 | 460.1-0635-032A0-XM | GC34 | 8.00 | .315 | 91 | 3.583 | 90.1 | 3.547 | 53 | 2.087 | 0.9 | .035 | DIN 6537 L |
| 6.40 | .252 | 20.1 | .791 | 3 | 8 | 460.1-0640-019A0-XM | GC34 | 8.00 | .315 | 79 | 3.110 | 78.1 | 3.075 | 34 | 1.339 | 0.9 | .035 | DIN 6537 K |
| 6.40 | .252 | 32.9 | 1.295 | 5 | 8 | 460.1-0640-032A0-XM | GC34 | 8.00 | .315 | 91 | 3.583 | 90.1 | 3.547 | 53 | 2.087 | 0.9 | .035 | DIN 6537 L |
| 6.50 | .256 | 20.5 | .807 | 3 | 8 | 460.1-0650-020A0-XM | GC34 | 8.00 | .315 | 79 | 3.110 | 78.0 | 3.071 | 34 | 1.339 | 1.0 | .039 | DIN 6537 K |
| 6.50 | .256 | 33.5 | 1.319 | 5 | 8 | 460.1-0650-033A0-XM | GC34 | 8.00 | .315 | 91 | 3.583 | 90.0 | 3.543 | 53 | 2.087 | 1.0 | .039 | DIN 6537 L |
| 6.60 | .260 | 20.8 | .819 | 3 | 8 | 460.1-0660-020A0-XM | GC34 | 8.00 | .315 | 79 | 3.110 | 78.0 | 3.071 | 34 | 1.339 | 1.0 | .039 | DIN 6537 K |
| 6.60 | .260 | 34.0 | 1.339 | 5 | 8 | 460.1-0660-033A0-XM | GC34 | 8.00 | .315 | 91 | 3.583 | 90.0 | 3.543 | 53 | 2.087 | 1.0 | .039 | DIN 6537 L |
| 6.70 | .264 | 21.1 | .831 | 3 | 8 | 460.1-0670-020A0-XM | GC34 | 8.00 | .315 | 79 | 3.110 | 78.0 | 3.071 | 34 | 1.339 | 1.0 | .039 | DIN 6537 K |
| 6.70 | .264 | 34.5 | 1.358 | 5 | 8 | 460.1-0670-034A0-XM | GC34 | 8.00 | .315 | 91 | 3.583 | 90.0 | 3.543 | 53 | 2.087 | 1.0 | .039 | DIN 6537 L |
| 6.75 | .266 | 21.2 | .835 | 3 | 8 | 460.1-0675-020A0-XM | GC34 | 8.00 | .315 | 79 | 3.110 | 78.0 | 3.071 | 34 | 1.339 | 1.0 | .039 | DIN 6537 K |
| 6.75 | .266 | 34.7 | 1.366 | 5 | 8 | 460.1-0675-034A0-XM | GC34 | 8.00 | .315 | 91 | 3.583 | 90.0 | 3.543 | 53 | 2.087 | 1.0 | .039 | DIN 6537 L |
| 6.80 | .268 | 21.4 | .843 | 3 | 8 | 460.1-0680-020A0-XM | GC34 | 8.00 | .315 | 79 | 3.110 | 78.0 | 3.071 | 34 | 1.339 | 1.0 | .039 | DIN 6537 K |
| 6.80 | .268 | 35.0 | 1.378 | 5 | 8 | 460.1-0680-034A0-XM | GC34 | 8.00 | .315 | 91 | 3.583 | 90.0 | 3.543 | 53 | 2.087 | 1.0 | .039 | DIN 6537 L |
| 6.90 | .272 | 21.7 | .854 | 3 | 8 | 460.1-0690-021A0-XM | GC34 | 8.00 | .315 | 79 | 3.110 | 78.0 | 3.071 | 34 | 1.339 | 1.0 | .039 | DIN 6537 K |
| 6.90 | .272 | 35.5 | 1.398 | 5 | 8 | 460.1-0690-035A0-XM | GC34 | 8.00 | .315 | 91 | 3.583 | 90.0 | 3.543 | 53 | 2.087 | 1.0 | .039 | DIN 6537 L |
| 7.00 | .276 | 22.0 | .866 | 3 | 8 | 460.1-0700-021A0-XM | GC34 | 8.00 | .315 | 79 | 3.110 | 78.0 | 3.071 | 34 | 1.339 | 1.0 | .039 | DIN 6537 K |



E14



E45



E36



E50

CoroDrill® 460, wiertło węglikowe

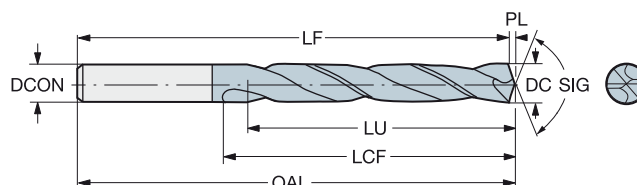
Do różnych materiałów

Zewnętrzne doprowadzenie chłodziwa



TCHA
SIG

H9
140°



| | | | | | | | | Wymiary, mm, cale | | | | | | | | | | |
|------|------|------|-------|------|-------------------|---------------------|-------|-------------------|-------|-----|-------|-------|-------|-----|-------|-----|------|------------|
| DC | DC" | LU | LU" | ULDR | CZC _{MS} | Oznaczenie | GRADE | DCON | DCON" | OAL | OAL" | LF | LF" | LCF | LCF" | PL | PL" | BSG |
| 7.00 | .276 | 36.0 | 1.417 | 5 | 8 | 460.1-0700-035A0-XM | GC34 | 8.00 | .315 | 91 | 3.583 | 90.0 | 3.543 | 53 | 2.087 | 1.0 | .039 | DIN 6537 L |
| 7.10 | .280 | 22.3 | .878 | 3 | 8 | 460.1-0710-021A0-XM | GC34 | 8.00 | .315 | 79 | 3.110 | 78.0 | 3.071 | 41 | 1.614 | 1.0 | .039 | DIN 6537 K |
| 7.10 | .280 | 36.5 | 1.437 | 5 | 8 | 460.1-0710-036A0-XM | GC34 | 8.00 | .315 | 91 | 3.583 | 90.0 | 3.543 | 53 | 2.087 | 1.0 | .039 | DIN 6537 L |
| 7.14 | .281 | 22.5 | .886 | 3 | 8 | 460.1-0714-021A0-XM | GC34 | 8.00 | .315 | 79 | 3.110 | 77.9 | 3.067 | 41 | 1.614 | 1.1 | .043 | DIN 6537 K |
| 7.14 | .281 | 36.8 | 1.449 | 5 | 8 | 460.1-0714-036A0-XM | GC34 | 8.00 | .315 | 91 | 3.583 | 89.9 | 3.539 | 53 | 2.087 | 1.1 | .043 | DIN 6537 L |
| 7.30 | .287 | 23.0 | .906 | 3 | 8 | 460.1-0730-022A0-XM | GC34 | 8.00 | .315 | 79 | 3.110 | 77.9 | 3.067 | 41 | 1.614 | 1.1 | .043 | DIN 6537 K |
| 7.30 | .287 | 37.6 | 1.480 | 5 | 8 | 460.1-0730-037A0-XM | GC34 | 8.00 | .315 | 91 | 3.583 | 89.9 | 3.539 | 53 | 2.087 | 1.1 | .043 | DIN 6537 L |
| 7.40 | .291 | 23.3 | .917 | 3 | 8 | 460.1-0740-022A0-XM | GC34 | 8.00 | .315 | 79 | 3.110 | 77.9 | 3.067 | 41 | 1.614 | 1.1 | .043 | DIN 6537 K |
| 7.40 | .291 | 38.1 | 1.500 | 5 | 8 | 460.1-0740-037A0-XM | GC34 | 8.00 | .315 | 91 | 3.583 | 89.9 | 3.539 | 53 | 2.087 | 1.1 | .043 | DIN 6537 L |
| 7.50 | .295 | 23.6 | .929 | 3 | 8 | 460.1-0750-023A0-XM | GC34 | 8.00 | .315 | 79 | 3.110 | 77.9 | 3.067 | 41 | 1.614 | 1.1 | .043 | DIN 6537 K |
| 7.50 | .295 | 38.6 | 1.520 | 5 | 8 | 460.1-0750-038A0-XM | GC34 | 8.00 | .315 | 91 | 3.583 | 89.9 | 3.539 | 53 | 2.087 | 1.1 | .043 | DIN 6537 L |
| 7.54 | .297 | 23.7 | .933 | 3 | 8 | 460.1-0754-023A0-XM | GC34 | 8.00 | .315 | 79 | 3.110 | 77.9 | 3.067 | 41 | 1.614 | 1.1 | .043 | DIN 6537 K |
| 7.54 | .297 | 38.8 | 1.528 | 5 | 8 | 460.1-0754-038A0-XM | GC34 | 8.00 | .315 | 91 | 3.583 | 89.9 | 3.539 | 53 | 2.087 | 1.1 | .043 | DIN 6537 L |
| 7.60 | .299 | 23.9 | .941 | 3 | 8 | 460.1-0760-023A0-XM | GC34 | 8.00 | .315 | 79 | 3.110 | 77.9 | 3.067 | 41 | 1.614 | 1.1 | .043 | DIN 6537 K |
| 7.60 | .299 | 39.1 | 1.539 | 5 | 8 | 460.1-0760-038A0-XM | GC34 | 8.00 | .315 | 91 | 3.583 | 89.9 | 3.539 | 53 | 2.087 | 1.1 | .043 | DIN 6537 L |
| 7.70 | .303 | 24.2 | .953 | 3 | 8 | 460.1-0770-023A0-XM | GC34 | 8.00 | .315 | 79 | 3.110 | 77.9 | 3.067 | 41 | 1.614 | 1.1 | .043 | DIN 6537 K |
| 7.70 | .303 | 39.6 | 1.559 | 5 | 8 | 460.1-0770-039A0-XM | GC34 | 8.00 | .315 | 91 | 3.583 | 89.9 | 3.539 | 53 | 2.087 | 1.1 | .043 | DIN 6537 L |
| 7.80 | .307 | 24.6 | .969 | 3 | 8 | 460.1-0780-023A0-XM | GC34 | 8.00 | .315 | 79 | 3.110 | 77.8 | 3.063 | 41 | 1.614 | 1.2 | .047 | DIN 6537 K |
| 7.80 | .307 | 40.2 | 1.583 | 5 | 8 | 460.1-0780-039A0-XM | GC34 | 8.00 | .315 | 91 | 3.583 | 89.8 | 3.535 | 53 | 2.087 | 1.2 | .047 | DIN 6537 L |
| 7.90 | .311 | 24.9 | .980 | 3 | 8 | 460.1-0790-024A0-XM | GC34 | 8.00 | .315 | 79 | 3.110 | 77.8 | 3.063 | 41 | 1.614 | 1.2 | .047 | DIN 6537 K |
| 7.90 | .311 | 40.7 | 1.602 | 5 | 8 | 460.1-0790-040A0-XM | GC34 | 8.00 | .315 | 91 | 3.583 | 89.8 | 3.535 | 53 | 2.087 | 1.2 | .047 | DIN 6537 L |
| 7.94 | .313 | 25.0 | .984 | 3 | 8 | 460.1-0794-024A0-XM | GC34 | 8.00 | .315 | 79 | 3.110 | 77.8 | 3.063 | 41 | 1.614 | 1.2 | .047 | DIN 6537 K |
| 7.94 | .313 | 40.9 | 1.610 | 5 | 8 | 460.1-0794-040A0-XM | GC34 | 8.00 | .315 | 91 | 3.583 | 89.8 | 3.535 | 53 | 2.087 | 1.2 | .047 | DIN 6537 L |
| 8.00 | .315 | 25.2 | .992 | 3 | 8 | 460.1-0800-024A0-XM | GC34 | 8.00 | .315 | 79 | 3.110 | 77.8 | 3.063 | 41 | 1.614 | 1.2 | .047 | DIN 6537 K |
| 8.00 | .315 | 41.2 | 1.622 | 5 | 8 | 460.1-0800-040A0-XM | GC34 | 8.00 | .315 | 91 | 3.583 | 89.8 | 3.535 | 53 | 2.087 | 1.2 | .047 | DIN 6537 L |
| 8.10 | .319 | 25.5 | 1.004 | 3 | 10 | 460.1-0810-024A0-XM | GC34 | 10.00 | .394 | 89 | 3.504 | 87.8 | 3.457 | 47 | 1.850 | 1.2 | .047 | DIN 6537 K |
| 8.10 | .319 | 41.7 | 1.642 | 5 | 10 | 460.1-0810-041A0-XM | GC34 | 10.00 | .394 | 103 | 4.055 | 101.8 | 4.008 | 61 | 2.402 | 1.2 | .047 | DIN 6537 L |
| 8.20 | .323 | 25.8 | 1.016 | 3 | 10 | 460.1-0820-025A0-XM | GC34 | 10.00 | .394 | 89 | 3.504 | 87.8 | 3.457 | 47 | 1.850 | 1.2 | .047 | DIN 6537 K |
| 8.20 | .323 | 42.2 | 1.661 | 5 | 10 | 460.1-0820-041A0-XM | GC34 | 10.00 | .394 | 103 | 4.055 | 101.8 | 4.008 | 61 | 2.402 | 1.2 | .047 | DIN 6537 L |
| 8.33 | .328 | 26.2 | 1.032 | 3 | 10 | 460.1-0833-025A0-XM | GC34 | 10.00 | .394 | 89 | 3.504 | 87.8 | 3.457 | 47 | 1.850 | 1.2 | .047 | DIN 6537 K |
| 8.33 | .328 | 42.9 | 1.689 | 5 | 10 | 460.1-0833-042A0-XM | GC34 | 10.00 | .394 | 103 | 4.055 | 101.8 | 4.008 | 61 | 2.402 | 1.2 | .047 | DIN 6537 L |
| 8.40 | .331 | 26.4 | 1.039 | 3 | 10 | 460.1-0840-025A0-XM | GC34 | 10.00 | .394 | 89 | 3.504 | 87.8 | 3.457 | 47 | 1.850 | 1.2 | .047 | DIN 6537 K |
| 8.40 | .331 | 43.2 | 1.701 | 5 | 10 | 460.1-0840-042A0-XM | GC34 | 10.00 | .394 | 103 | 4.055 | 101.8 | 4.008 | 61 | 2.402 | 1.2 | .047 | DIN 6537 L |
| 8.50 | .335 | 26.8 | 1.055 | 3 | 10 | 460.1-0850-026A0-XM | GC34 | 10.00 | .394 | 89 | 3.504 | 87.7 | 3.453 | 47 | 1.850 | 1.3 | .051 | DIN 6537 K |
| 8.50 | .335 | 43.8 | 1.724 | 5 | 10 | 460.1-0850-043A0-XM | GC34 | 10.00 | .394 | 103 | 4.055 | 101.7 | 4.004 | 61 | 2.402 | 1.3 | .051 | DIN 6537 L |
| 8.60 | .339 | 27.1 | 1.067 | 3 | 10 | 460.1-0860-026A0-XM | GC34 | 10.00 | .394 | 89 | 3.504 | 87.7 | 3.453 | 47 | 1.850 | 1.3 | .051 | DIN 6537 K |
| 8.60 | .339 | 44.3 | 1.744 | 5 | 10 | 460.1-0860-043A0-XM | GC34 | 10.00 | .394 | 103 | 4.055 | 101.7 | 4.004 | 61 | 2.402 | 1.3 | .051 | DIN 6537 L |
| 8.70 | .343 | 27.4 | 1.079 | 3 | 10 | 460.1-0870-026A0-XM | GC34 | 10.00 | .394 | 89 | 3.504 | 87.7 | 3.453 | 47 | 1.850 | 1.3 | .051 | DIN 6537 K |
| 8.70 | .343 | 44.8 | 1.764 | 5 | 10 | 460.1-0870-044A0-XM | GC34 | 10.00 | .394 | 103 | 4.055 | 101.7 | 4.004 | 61 | 2.402 | 1.3 | .051 | DIN 6537 L |
| 8.73 | .344 | 27.5 | 1.083 | 3 | 10 | 460.1-0873-026A0-XM | GC34 | 10.00 | .394 | 89 | 3.504 | 87.7 | 3.453 | 47 | 1.850 | 1.3 | .051 | DIN 6537 K |
| 8.73 | .344 | 44.9 | 1.768 | 5 | 10 | 460.1-0873-044A0-XM | GC34 | 10.00 | .394 | 103 | 4.055 | 101.7 | 4.004 | 61 | 2.402 | 1.3 | .051 | DIN 6537 L |
| 8.80 | .346 | 27.7 | 1.091 | 3 | 10 | 460.1-0880-026A0-XM | GC34 | 10.00 | .394 | 89 | 3.504 | 87.7 | 3.453 | 47 | 1.850 | 1.3 | .051 | DIN 6537 K |
| 8.80 | .346 | 45.3 | 1.783 | 5 | 10 | 460.1-0880-044A0-XM | GC34 | 10.00 | .394 | 103 | 4.055 | 101.7 | 4.004 | 61 | 2.402 | 1.3 | .051 | DIN 6537 L |
| 8.90 | .350 | 45.8 | 1.803 | 5 | 10 | 460.1-0890-045A0-XM | GC34 | 10.00 | .394 | 103 | 4.055 | 101.7 | 4.004 | 61 | 2.402 | 1.3 | .051 | DIN 6537 L |
| 9.00 | .354 | 28.3 | 1.114 | 3 | 10 | 460.1-0900-027A0-XM | GC34 | 10.00 | .394 | 89 | 3.504 | 87.7 | 3.453 | 47 | 1.850 | 1.3 | .051 | DIN 6537 K |
| 9.00 | .354 | 46.3 | 1.823 | 5 | 10 | 460.1-0900-045A0-XM | GC34 | 10.00 | .394 | 103 | 4.055 | 101.7 | 4.004 | 61 | 2.402 | 1.3 | .051 | DIN 6537 L |
| 9.10 | .358 | 28.6 | 1.126 | 3 | 10 | 460.1-0910-027A0-XM | GC34 | 10.00 | .394 | 89 | 3.504 | 87.7 | 3.453 | 47 | 1.850 | 1.3 | .051 | DIN 6537 K |
| 9.10 | .358 | 46.8 | 1.843 | 5 | 10 | 460.1-0910-046A0-XM | GC34 | 10.00 | .394 | 103 | 4.055 | 101.7 | 4.004 | 61 | 2.402 | 1.3 | .051 | DIN 6537 L |



E14



E45



E36

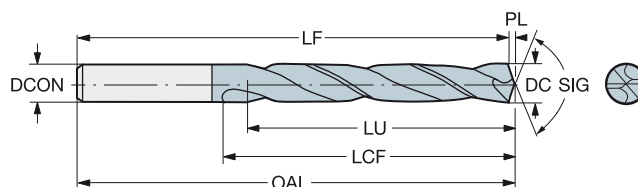


E50

CoroDrill® 460, wiertło węglikowe

Do różnych materiałów

Zewnętrzne doprowadzenie chłodziwa

TCHA
SIGH9
140°

| Wymiary, mm, cale | | | | | | | | | | | | | | | | |
|-------------------|------|------|-------|------|-------------------|---------------------|-------|-------|-------|-----|-------|-------|-------|-----|-------|-----|
| DC | DC* | LU | LU* | ULDR | CZC _{MS} | Oznaczenie | GRADE | DCON | DCON* | OAL | OAL* | LF | LF* | LCF | LCF* | PL |
| 9.13 | .359 | 28.7 | 1.130 | 3 | 10 | 460.1-0913-027A0-XM | GC34 | 10.00 | .394 | 89 | 3.504 | 87.6 | 3.449 | 47 | 1.850 | 1.4 |
| 9.13 | .359 | 47.0 | 1.850 | 5 | 10 | 460.1-0913-046A0-XM | GC34 | 10.00 | .394 | 103 | 4.055 | 101.6 | 4.000 | 61 | 2.402 | 1.4 |
| 9.30 | .366 | 29.3 | 1.154 | 3 | 10 | 460.1-0930-028A0-XM | GC34 | 10.00 | .394 | 89 | 3.504 | 87.6 | 3.449 | 47 | 1.850 | 1.4 |
| 9.30 | .366 | 47.9 | 1.886 | 5 | 10 | 460.1-0930-047A0-XM | GC34 | 10.00 | .394 | 103 | 4.055 | 101.6 | 4.000 | 61 | 2.402 | 1.4 |
| 9.40 | .370 | 29.6 | 1.165 | 3 | 10 | 460.1-0940-028A0-XM | GC34 | 10.00 | .394 | 89 | 3.504 | 87.6 | 3.449 | 47 | 1.850 | 1.4 |
| 9.40 | .370 | 48.4 | 1.906 | 5 | 10 | 460.1-0940-047A0-XM | GC34 | 10.00 | .394 | 103 | 4.055 | 101.6 | 4.000 | 61 | 2.402 | 1.4 |
| 9.50 | .374 | 29.9 | 1.177 | 3 | 10 | 460.1-0950-029A0-XM | GC34 | 10.00 | .394 | 89 | 3.504 | 87.6 | 3.449 | 47 | 1.850 | 1.4 |
| 9.50 | .374 | 48.7 | 1.917 | 5 | 10 | 460.1-0950-048A0-XM | GC34 | 10.00 | .394 | 103 | 4.055 | 101.6 | 4.000 | 61 | 2.402 | 1.4 |
| 9.53 | .375 | 30.0 | 1.181 | 3 | 10 | 460.1-0953-029A0-XM | GC34 | 10.00 | .394 | 89 | 3.504 | 87.6 | 3.449 | 47 | 1.850 | 1.4 |
| 9.53 | .375 | 48.6 | 1.913 | 5 | 10 | 460.1-0953-048A0-XM | GC34 | 10.00 | .394 | 103 | 4.055 | 101.6 | 4.000 | 61 | 2.402 | 1.4 |
| 9.60 | .378 | 30.2 | 1.189 | 3 | 10 | 460.1-0960-029A0-XM | GC34 | 10.00 | .394 | 89 | 3.504 | 87.6 | 3.449 | 47 | 1.850 | 1.4 |
| 9.60 | .378 | 48.5 | 1.909 | 5 | 10 | 460.1-0960-048A0-XM | GC34 | 10.00 | .394 | 103 | 4.055 | 101.6 | 4.000 | 61 | 2.402 | 1.4 |
| 9.70 | .382 | 30.5 | 1.201 | 3 | 10 | 460.1-0970-029A0-XM | GC34 | 10.00 | .394 | 89 | 3.504 | 87.6 | 3.449 | 47 | 1.850 | 1.4 |
| 9.70 | .382 | 48.4 | 1.906 | 4 | 10 | 460.1-0970-049A0-XM | GC34 | 10.00 | .394 | 103 | 4.055 | 101.6 | 4.000 | 61 | 2.402 | 1.4 |
| 9.80 | .386 | 30.9 | 1.217 | 3 | 10 | 460.1-0980-029A0-XM | GC34 | 10.00 | .394 | 89 | 3.504 | 87.5 | 3.445 | 47 | 1.850 | 1.5 |
| 9.80 | .386 | 48.3 | 1.902 | 4 | 10 | 460.1-0980-049A0-XM | GC34 | 10.00 | .394 | 103 | 4.055 | 101.5 | 3.996 | 61 | 2.402 | 1.5 |
| 9.90 | .390 | 31.2 | 1.228 | 3 | 10 | 460.1-0990-030A0-XM | GC34 | 10.00 | .394 | 89 | 3.504 | 87.5 | 3.445 | 47 | 1.850 | 1.5 |
| 9.90 | .390 | 48.1 | 1.894 | 4 | 10 | 460.1-0990-050A0-XM | GC34 | 10.00 | .394 | 103 | 4.055 | 101.5 | 3.996 | 61 | 2.402 | 1.5 |
| 9.92 | .391 | 31.2 | 1.228 | 3 | 10 | 460.1-0992-030A0-XM | GC34 | 10.00 | .394 | 89 | 3.504 | 87.5 | 3.445 | 47 | 1.850 | 1.5 |
| 9.92 | .391 | 48.1 | 1.894 | 4 | 10 | 460.1-0992-050A0-XM | GC34 | 10.00 | .394 | 103 | 4.055 | 101.5 | 3.996 | 61 | 2.402 | 1.5 |
| 10.00 | .394 | 31.5 | 1.240 | 3 | 10 | 460.1-1000-030A0-XM | GC34 | 10.00 | .394 | 89 | 3.504 | 87.5 | 3.445 | 47 | 1.850 | 1.5 |
| 10.00 | .394 | 48.0 | 1.890 | 4 | 10 | 460.1-1000-050A0-XM | GC34 | 10.00 | .394 | 103 | 4.055 | 101.5 | 3.996 | 61 | 2.402 | 1.5 |
| 10.10 | .398 | 31.8 | 1.252 | 3 | 12 | 460.1-1010-030A0-XM | GC34 | 12.00 | .472 | 102 | 4.016 | 100.5 | 3.957 | 55 | 2.165 | 1.5 |
| 10.10 | .398 | 52.0 | 2.047 | 5 | 12 | 460.1-1010-051A0-XM | GC34 | 12.00 | .472 | 118 | 4.646 | 116.5 | 4.587 | 71 | 2.795 | 1.5 |
| 10.20 | .402 | 32.1 | 1.264 | 3 | 12 | 460.1-1020-031A0-XM | GC34 | 12.00 | .472 | 102 | 4.016 | 100.5 | 3.957 | 55 | 2.165 | 1.5 |
| 10.20 | .402 | 52.5 | 2.067 | 5 | 12 | 460.1-1020-051A0-XM | GC34 | 12.00 | .472 | 118 | 4.646 | 116.5 | 4.587 | 71 | 2.795 | 1.5 |
| 10.30 | .406 | 32.4 | 1.276 | 3 | 12 | 460.1-1030-031A0-XM | GC34 | 12.00 | .472 | 102 | 4.016 | 100.5 | 3.957 | 55 | 2.165 | 1.5 |
| 10.30 | .406 | 53.0 | 2.087 | 5 | 12 | 460.1-1030-052A0-XM | GC34 | 12.00 | .472 | 118 | 4.646 | 116.5 | 4.587 | 71 | 2.795 | 1.5 |
| 10.32 | .406 | 32.5 | 1.280 | 3 | 12 | 460.1-1032-031A0-XM | GC34 | 12.00 | .472 | 102 | 4.016 | 100.5 | 3.957 | 55 | 2.165 | 1.5 |
| 10.32 | .406 | 53.1 | 2.091 | 5 | 12 | 460.1-1032-052A0-XM | GC34 | 12.00 | .472 | 118 | 4.646 | 116.5 | 4.587 | 71 | 2.795 | 1.5 |
| 10.40 | .409 | 32.7 | 1.287 | 3 | 12 | 460.1-1040-031A0-XM | GC34 | 12.00 | .472 | 102 | 4.016 | 100.5 | 3.957 | 55 | 2.165 | 1.5 |
| 10.40 | .409 | 53.5 | 2.106 | 5 | 12 | 460.1-1040-052A0-XM | GC34 | 12.00 | .472 | 118 | 4.646 | 116.5 | 4.587 | 71 | 2.795 | 1.5 |
| 10.50 | .413 | 33.1 | 1.303 | 3 | 12 | 460.1-1050-032A0-XM | GC34 | 12.00 | .472 | 102 | 4.016 | 100.4 | 3.953 | 55 | 2.165 | 1.6 |
| 10.50 | .413 | 54.1 | 2.130 | 5 | 12 | 460.1-1050-053A0-XM | GC34 | 12.00 | .472 | 118 | 4.646 | 116.4 | 4.583 | 71 | 2.795 | 1.6 |
| 10.60 | .417 | 33.4 | 1.315 | 3 | 12 | 460.1-1060-032A0-XM | GC34 | 12.00 | .472 | 102 | 4.016 | 100.4 | 3.953 | 55 | 2.165 | 1.6 |
| 10.60 | .417 | 54.6 | 2.150 | 5 | 12 | 460.1-1060-053A0-XM | GC34 | 12.00 | .472 | 118 | 4.646 | 116.4 | 4.583 | 71 | 2.795 | 1.6 |
| 10.72 | .422 | 33.7 | 1.327 | 3 | 12 | 460.1-1072-032A0-XM | GC34 | 12.00 | .472 | 102 | 4.016 | 100.4 | 3.953 | 55 | 2.165 | 1.6 |
| 10.72 | .422 | 55.2 | 2.173 | 5 | 12 | 460.1-1072-054A0-XM | GC34 | 12.00 | .472 | 118 | 4.646 | 116.4 | 4.583 | 71 | 2.795 | 1.6 |
| 10.80 | .425 | 34.0 | 1.339 | 3 | 12 | 460.1-1080-032A0-XM | GC34 | 12.00 | .472 | 102 | 4.016 | 100.4 | 3.953 | 55 | 2.165 | 1.6 |
| 11.00 | .433 | 34.6 | 1.362 | 3 | 12 | 460.1-1100-033A0-XM | GC34 | 12.00 | .472 | 102 | 4.016 | 100.4 | 3.953 | 55 | 2.165 | 1.6 |
| 11.00 | .433 | 56.6 | 2.228 | 5 | 12 | 460.1-1100-055A0-XM | GC34 | 12.00 | .472 | 118 | 4.646 | 116.4 | 4.583 | 71 | 2.795 | 1.6 |
| 11.11 | .437 | 35.0 | 1.378 | 3 | 12 | 460.1-1111-033A0-XM | GC34 | 12.00 | .472 | 102 | 4.016 | 100.3 | 3.949 | 55 | 2.165 | 1.7 |
| 11.11 | .437 | 57.2 | 2.252 | 5 | 12 | 460.1-1111-056A0-XM | GC34 | 12.00 | .472 | 118 | 4.646 | 116.3 | 4.579 | 71 | 2.795 | 1.7 |
| 11.20 | .441 | 35.3 | 1.390 | 3 | 12 | 460.1-1120-034A0-XM | GC34 | 12.00 | .472 | 102 | 4.016 | 100.3 | 3.949 | 55 | 2.165 | 1.7 |
| 11.20 | .441 | 57.6 | 2.268 | 5 | 12 | 460.1-1120-056A0-XM | GC34 | 12.00 | .472 | 118 | 4.646 | 116.3 | 4.579 | 71 | 2.795 | 1.7 |
| 11.40 | .449 | 35.9 | 1.413 | 3 | 12 | 460.1-1140-034A0-XM | GC34 | 12.00 | .472 | 102 | 4.016 | 100.3 | 3.949 | 55 | 2.165 | 1.7 |
| 11.40 | .449 | 57.3 | 2.256 | 5 | 12 | 460.1-1140-057A0-XM | GC34 | 12.00 | .472 | 118 | 4.646 | 116.3 | 4.579 | 71 | 2.795 | 1.7 |
| 11.50 | .453 | 36.2 | 1.425 | 3 | 12 | 460.1-1150-035A0-XM | GC34 | 12.00 | .472 | 102 | 4.016 | 100.3 | 3.949 | 55 | 2.165 | 1.7 |



E14



E45



E36



E50

CoroDrill® 460, wiertło węglikowe

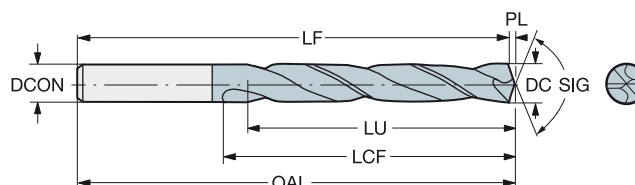
Do różnych materiałów

Zewnętrzne doprowadzenie chłodziwa

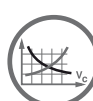


TCHA
SIG

H9
140°



| | | | | | | | | Wymiary, mm, cale | | | | | | | | | | |
|-------|------|------|-------|------|-------------------|---------------------|-------|-------------------|-------|-----|-------|-------|-------|-----|-------|-----|------|------------|
| DC | DC" | LU | LU" | ULDR | CZC _{MS} | Oznaczenie | GRADE | DCON | DCON" | OAL | OAL" | LF | LF" | LCF | LCF" | PL | PL" | BSG |
| 11.50 | .453 | 57.2 | 2.252 | 4 | 12 | 460.1-1150-058A0-XM | GC34 | 12.00 | .472 | 118 | 4.646 | 116.3 | 4.579 | 71 | 2.795 | 1.7 | .067 | DIN 6537 L |
| 11.51 | .453 | 36.2 | 1.425 | 3 | 12 | 460.1-1151-035A0-XM | GC34 | 12.00 | .472 | 102 | 4.016 | 100.3 | 3.949 | 55 | 2.165 | 1.7 | .067 | DIN 6537 K |
| 11.51 | .453 | 57.2 | 2.252 | 4 | 12 | 460.1-1151-058A0-XM | GC34 | 12.00 | .472 | 118 | 4.646 | 116.3 | 4.579 | 71 | 2.795 | 1.7 | .067 | DIN 6537 L |
| 11.60 | .457 | 36.5 | 1.437 | 3 | 12 | 460.1-1160-035A0-XM | GC34 | 12.00 | .472 | 102 | 4.016 | 100.3 | 3.949 | 55 | 2.165 | 1.7 | .067 | DIN 6537 K |
| 11.60 | .457 | 57.1 | 2.248 | 4 | 12 | 460.1-1160-058A0-XM | GC34 | 12.00 | .472 | 118 | 4.646 | 116.3 | 4.579 | 71 | 2.795 | 1.7 | .067 | DIN 6537 L |
| 11.80 | .465 | 37.2 | 1.465 | 3 | 12 | 460.1-1180-035A0-XM | GC34 | 12.00 | .472 | 102 | 4.016 | 100.2 | 3.945 | 55 | 2.165 | 1.8 | .071 | DIN 6537 K |
| 11.80 | .465 | 56.8 | 2.236 | 4 | 12 | 460.1-1180-059A0-XM | GC34 | 12.00 | .472 | 118 | 4.646 | 116.2 | 4.575 | 71 | 2.795 | 1.8 | .071 | DIN 6537 L |
| 11.91 | .469 | 37.5 | 1.476 | 3 | 12 | 460.1-1191-036A0-XM | GC34 | 12.00 | .472 | 102 | 4.016 | 100.2 | 3.945 | 55 | 2.165 | 1.8 | .071 | DIN 6537 K |
| 11.91 | .469 | 56.7 | 2.232 | 4 | 12 | 460.1-1191-060A0-XM | GC34 | 12.00 | .472 | 118 | 4.646 | 116.2 | 4.575 | 71 | 2.795 | 1.8 | .071 | DIN 6537 L |
| 12.00 | .472 | 37.8 | 1.488 | 3 | 12 | 460.1-1200-036A0-XM | GC34 | 12.00 | .472 | 102 | 4.016 | 100.2 | 3.945 | 55 | 2.165 | 1.8 | .071 | DIN 6537 K |
| 12.00 | .472 | 56.6 | 2.228 | 4 | 12 | 460.1-1200-060A0-XM | GC34 | 12.00 | .472 | 118 | 4.646 | 116.2 | 4.575 | 71 | 2.795 | 1.8 | .071 | DIN 6537 L |
| 12.10 | .476 | 38.1 | 1.500 | 3 | 14 | 460.1-1210-036A0-XM | GC34 | 14.00 | .551 | 107 | 4.213 | 105.2 | 4.142 | 60 | 2.362 | 1.8 | .071 | DIN 6537 K |
| 12.10 | .476 | 62.3 | 2.453 | 5 | 14 | 460.1-1210-061A0-XM | GC34 | 14.00 | .551 | 124 | 4.882 | 122.2 | 4.811 | 77 | 3.032 | 1.8 | .071 | DIN 6537 L |
| 12.20 | .480 | 38.4 | 1.512 | 3 | 14 | 460.1-1220-037A0-XM | GC34 | 14.00 | .551 | 107 | 4.213 | 105.2 | 4.142 | 60 | 2.362 | 1.8 | .071 | DIN 6537 K |
| 12.20 | .480 | 62.4 | 2.457 | 5 | 14 | 460.1-1220-061A0-XM | GC34 | 14.00 | .551 | 124 | 4.882 | 122.2 | 4.811 | 77 | 3.032 | 1.8 | .071 | DIN 6537 L |
| 12.30 | .484 | 38.7 | 1.524 | 3 | 14 | 460.1-1230-037A0-XM | GC34 | 14.00 | .551 | 107 | 4.213 | 105.2 | 4.142 | 60 | 2.362 | 1.8 | .071 | DIN 6537 K |
| 12.30 | .484 | 62.2 | 2.449 | 5 | 14 | 460.1-1230-062A0-XM | GC34 | 14.00 | .551 | 124 | 4.882 | 122.2 | 4.811 | 77 | 3.032 | 1.8 | .071 | DIN 6537 L |
| 12.50 | .492 | 39.4 | 1.551 | 3 | 14 | 460.1-1250-038A0-XM | GC34 | 14.00 | .551 | 107 | 4.213 | 105.1 | 4.138 | 60 | 2.362 | 1.9 | .075 | DIN 6537 K |
| 12.50 | .492 | 62.0 | 2.441 | 4 | 14 | 460.1-1250-063A0-XM | GC34 | 14.00 | .551 | 124 | 4.882 | 122.1 | 4.807 | 77 | 3.032 | 1.9 | .075 | DIN 6537 L |
| 12.70 | .500 | 40.0 | 1.575 | 3 | 14 | 460.1-1270-038A0-XM | GC34 | 14.00 | .551 | 107 | 4.213 | 105.1 | 4.138 | 60 | 2.362 | 1.9 | .075 | DIN 6537 K |
| 12.70 | .500 | 61.8 | 2.433 | 4 | 14 | 460.1-1270-064A0-XM | GC34 | 14.00 | .551 | 124 | 4.882 | 122.1 | 4.807 | 77 | 3.032 | 1.9 | .075 | DIN 6537 L |
| 12.80 | .504 | 40.3 | 1.587 | 3 | 14 | 460.1-1280-038A0-XM | GC34 | 14.00 | .551 | 107 | 4.213 | 105.1 | 4.138 | 60 | 2.362 | 1.9 | .075 | DIN 6537 K |
| 12.80 | .504 | 61.6 | 2.425 | 4 | 14 | 460.1-1280-064A0-XM | GC34 | 14.00 | .551 | 124 | 4.882 | 122.1 | 4.807 | 77 | 3.032 | 1.9 | .075 | DIN 6537 L |
| 13.00 | .512 | 40.9 | 1.610 | 3 | 14 | 460.1-1300-039A0-XM | GC34 | 14.00 | .551 | 107 | 4.213 | 105.1 | 4.138 | 60 | 2.362 | 1.9 | .075 | DIN 6537 K |
| 13.00 | .512 | 61.4 | 2.417 | 4 | 14 | 460.1-1300-065A0-XM | GC34 | 14.00 | .551 | 124 | 4.882 | 122.1 | 4.807 | 77 | 3.032 | 1.9 | .075 | DIN 6537 L |
| 13.10 | .516 | 41.2 | 1.622 | 3 | 14 | 460.1-1310-039A0-XM | GC34 | 14.00 | .551 | 107 | 4.213 | 105.0 | 4.134 | 60 | 2.362 | 2.0 | .079 | DIN 6537 K |
| 13.10 | .516 | 61.3 | 2.413 | 4 | 14 | 460.1-1310-066A0-XM | GC34 | 14.00 | .551 | 124 | 4.882 | 122.0 | 4.803 | 77 | 3.032 | 2.0 | .079 | DIN 6537 L |
| 13.49 | .531 | 42.5 | 1.673 | 3 | 14 | 460.1-1349-041A0-XM | GC34 | 14.00 | .551 | 107 | 4.213 | 105.0 | 4.134 | 60 | 2.362 | 2.0 | .079 | DIN 6537 K |
| 13.49 | .531 | 60.8 | 2.394 | 4 | 14 | 460.1-1349-061A0-XM | GC34 | 14.00 | .551 | 124 | 4.882 | 122.0 | 4.803 | 77 | 3.032 | 2.0 | .079 | DIN 6537 L |
| 13.50 | .531 | 42.5 | 1.673 | 3 | 14 | 460.1-1350-041A0-XM | GC34 | 14.00 | .551 | 107 | 4.213 | 105.0 | 4.134 | 60 | 2.362 | 2.0 | .079 | DIN 6537 K |
| 13.50 | .531 | 60.8 | 2.394 | 4 | 14 | 460.1-1350-061A0-XM | GC34 | 14.00 | .551 | 124 | 4.882 | 122.0 | 4.803 | 77 | 3.032 | 2.0 | .079 | DIN 6537 L |
| 13.80 | .543 | 43.4 | 1.709 | 3 | 14 | 460.1-1380-041A0-XM | GC34 | 14.00 | .551 | 107 | 4.213 | 104.9 | 4.130 | 60 | 2.362 | 2.1 | .083 | DIN 6537 K |
| 13.80 | .543 | 60.4 | 2.378 | 4 | 14 | 460.1-1380-062A0-XM | GC34 | 14.00 | .551 | 124 | 4.882 | 121.9 | 4.799 | 77 | 3.032 | 2.1 | .083 | DIN 6537 L |
| 13.89 | .547 | 43.3 | 1.705 | 3 | 14 | 460.1-1389-042A0-XM | GC34 | 14.00 | .551 | 107 | 4.213 | 104.9 | 4.130 | 60 | 2.362 | 2.1 | .083 | DIN 6537 K |
| 13.89 | .547 | 60.3 | 2.374 | 4 | 14 | 460.1-1389-063A0-XM | GC34 | 14.00 | .551 | 124 | 4.882 | 121.9 | 4.799 | 77 | 3.032 | 2.1 | .083 | DIN 6537 L |
| 14.00 | .551 | 44.1 | 1.736 | 3 | 14 | 460.1-1400-042A0-XM | GC34 | 14.00 | .551 | 107 | 4.213 | 104.9 | 4.130 | 60 | 2.362 | 2.1 | .083 | DIN 6537 K |
| 14.00 | .551 | 63.0 | 2.480 | 4 | 14 | 460.1-1400-063A0-XM | GC34 | 14.00 | .551 | 124 | 4.882 | 121.9 | 4.799 | 77 | 3.032 | 2.1 | .083 | DIN 6537 L |
| 14.25 | .561 | 44.9 | 1.768 | 3 | 16 | 460.1-1425-043A0-XM | GC34 | 16.00 | .630 | 115 | 4.528 | 112.9 | 4.445 | 65 | 2.559 | 2.1 | .083 | DIN 6537 K |
| 14.25 | .561 | 68.8 | 2.709 | 4 | 16 | 460.1-1425-071A0-XM | GC34 | 16.00 | .630 | 133 | 5.236 | 130.9 | 5.154 | 83 | 3.268 | 2.1 | .083 | DIN 6537 L |
| 14.29 | .563 | 45.0 | 1.772 | 3 | 16 | 460.1-1429-043A0-XM | GC34 | 16.00 | .630 | 115 | 4.528 | 112.9 | 4.445 | 65 | 2.559 | 2.1 | .083 | DIN 6537 K |
| 14.29 | .563 | 68.7 | 2.705 | 4 | 16 | 460.1-1429-072A0-XM | GC34 | 16.00 | .630 | 133 | 5.236 | 130.9 | 5.154 | 83 | 3.268 | 2.1 | .083 | DIN 6537 L |
| 14.50 | .571 | 45.7 | 1.799 | 3 | 16 | 460.1-1450-044A0-XM | GC34 | 16.00 | .630 | 115 | 4.528 | 112.8 | 4.441 | 65 | 2.559 | 2.2 | .087 | DIN 6537 K |
| 14.50 | .571 | 68.5 | 2.697 | 4 | 16 | 460.1-1450-073A0-XM | GC34 | 16.00 | .630 | 133 | 5.236 | 130.8 | 5.150 | 83 | 3.268 | 2.2 | .087 | DIN 6537 L |
| 14.68 | .578 | 46.2 | 1.819 | 3 | 16 | 460.1-1468-044A0-XM | GC34 | 16.00 | .630 | 115 | 4.528 | 112.8 | 4.441 | 65 | 2.559 | 2.2 | .087 | DIN 6537 K |
| 14.68 | .578 | 68.3 | 2.689 | 4 | 16 | 460.1-1468-073A0-XM | GC34 | 16.00 | .630 | 133 | 5.236 | 130.8 | 5.150 | 83 | 3.268 | 2.2 | .087 | DIN 6537 L |
| 14.80 | .583 | 46.6 | 1.835 | 3 | 16 | 460.1-1480-044A0-XM | GC34 | 16.00 | .630 | 115 | 4.528 | 112.8 | 4.441 | 65 | 2.559 | 2.2 | .087 | DIN 6537 K |
| 14.80 | .583 | 68.2 | 2.685 | 4 | 16 | 460.1-1480-067A0-XM | GC34 | 16.00 | .630 | 133 | 5.236 | 130.8 | 5.150 | 83 | 3.268 | 2.2 | .087 | DIN 6537 L |
| 15.00 | .591 | 47.2 | 1.858 | 3 | 16 | 460.1-1500-045A0-XM | GC34 | 16.00 | .630 | 115 | 4.528 | 112.8 | 4.441 | 65 | 2.559 | 2.2 | .087 | DIN 6537 K |



E14



E45



E36



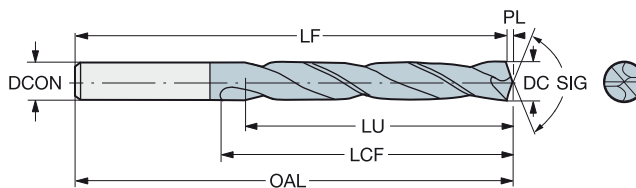
E50



CoroDrill® 460, wiertło węglikowe

Do różnych materiałów

Zewnętrzne doprowadzenie chłodziwa

TCHA
SIGH9
140°

| Wymiary, mm, cale | | | | | | | | | | | | | | | | |
|-------------------|------|------|-------|------|-------------------|---------------------|-------|-------|-------|-----|-------|-------|-------|-----|-------|-----|
| DC | DC" | LU | LU" | ULDR | CZC _{MS} | Oznaczenie | GRADE | DCON | DCON" | OAL | OAL" | LF | LF" | LCF | LCF" | PL |
| 15.00 | .591 | 68.0 | 2.677 | 4 | 16 | 460.1-1500-068A0-XM | GC34 | 16.00 | .630 | 133 | 5.236 | 130.8 | 5.150 | 83 | 3.268 | 2.2 |
| 15.08 | .594 | 47.5 | 1.870 | 3 | 16 | 460.1-1508-045A0-XM | GC34 | 16.00 | .630 | 115 | 4.528 | 112.8 | 4.441 | 65 | 2.559 | 2.2 |
| 15.08 | .594 | 67.9 | 2.673 | 4 | 16 | 460.1-1508-068A0-XM | GC34 | 16.00 | .630 | 133 | 5.236 | 130.8 | 5.150 | 83 | 3.268 | 2.2 |
| 15.10 | .594 | 47.6 | 1.874 | 3 | 16 | 460.1-1510-045A0-XM | GC34 | 16.00 | .630 | 115 | 4.528 | 112.7 | 4.437 | 65 | 2.559 | 2.3 |
| 15.10 | .594 | 67.9 | 2.673 | 4 | 16 | 460.1-1510-068A0-XM | GC34 | 16.00 | .630 | 133 | 5.236 | 130.7 | 5.146 | 83 | 3.268 | 2.3 |
| 15.48 | .609 | 48.7 | 1.917 | 3 | 16 | 460.1-1548-046A0-XM | GC34 | 16.00 | .630 | 115 | 4.528 | 112.7 | 4.437 | 65 | 2.559 | 2.3 |
| 15.48 | .609 | 67.5 | 2.657 | 4 | 16 | 460.1-1548-070A0-XM | GC34 | 16.00 | .630 | 133 | 5.236 | 130.7 | 5.146 | 83 | 3.268 | 2.3 |
| 15.50 | .610 | 48.8 | 1.921 | 3 | 16 | 460.1-1550-047A0-XM | GC34 | 16.00 | .630 | 115 | 4.528 | 112.7 | 4.437 | 65 | 2.559 | 2.3 |
| 15.50 | .610 | 67.5 | 2.657 | 4 | 16 | 460.1-1550-070A0-XM | GC34 | 16.00 | .630 | 133 | 5.236 | 130.7 | 5.146 | 83 | 3.268 | 2.3 |
| 15.80 | .622 | 49.2 | 1.937 | 3 | 16 | 460.1-1580-047A0-XM | GC34 | 16.00 | .630 | 115 | 4.528 | 112.6 | 4.433 | 65 | 2.559 | 2.4 |
| 15.80 | .622 | 67.2 | 2.646 | 4 | 16 | 460.1-1580-071A0-XM | GC34 | 16.00 | .630 | 133 | 5.236 | 130.6 | 5.142 | 83 | 3.268 | 2.4 |
| 15.88 | .625 | 49.1 | 1.933 | 3 | 16 | 460.1-1588-047A0-XM | GC34 | 16.00 | .630 | 115 | 4.528 | 112.6 | 4.433 | 65 | 2.559 | 2.4 |
| 15.88 | .625 | 67.1 | 2.642 | 4 | 16 | 460.1-1588-071A0-XM | GC34 | 16.00 | .630 | 133 | 5.236 | 130.6 | 5.142 | 83 | 3.268 | 2.4 |
| 16.00 | .630 | 49.0 | 1.929 | 3 | 16 | 460.1-1600-048A0-XM | GC34 | 16.00 | .630 | 115 | 4.528 | 112.6 | 4.433 | 65 | 2.559 | 2.4 |
| 16.00 | .630 | 67.0 | 2.638 | 4 | 16 | 460.1-1600-072A0-XM | GC34 | 16.00 | .630 | 133 | 5.236 | 130.6 | 5.142 | 83 | 3.268 | 2.4 |
| 16.27 | .641 | 51.2 | 2.016 | 3 | 18 | 460.1-1627-049A0-XM | GC34 | 18.00 | .709 | 123 | 4.843 | 120.6 | 4.748 | 73 | 2.874 | 2.4 |
| 16.27 | .641 | 76.7 | 3.020 | 4 | 18 | 460.1-1627-081A0-XM | GC34 | 18.00 | .709 | 143 | 5.630 | 140.6 | 5.535 | 93 | 3.661 | 2.4 |
| 16.50 | .650 | 52.0 | 2.047 | 3 | 18 | 460.1-1650-050A0-XM | GC34 | 18.00 | .709 | 123 | 4.843 | 120.5 | 4.744 | 73 | 2.874 | 2.5 |
| 16.50 | .650 | 76.5 | 3.012 | 4 | 18 | 460.1-1650-074A0-XM | GC34 | 18.00 | .709 | 143 | 5.630 | 140.5 | 5.532 | 93 | 3.661 | 2.5 |
| 16.67 | .656 | 52.5 | 2.067 | 3 | 18 | 460.1-1667-050A0-XM | GC34 | 18.00 | .709 | 123 | 4.843 | 120.5 | 4.744 | 73 | 2.874 | 2.5 |
| 16.67 | .656 | 76.3 | 3.004 | 4 | 18 | 460.1-1667-075A0-XM | GC34 | 18.00 | .709 | 143 | 5.630 | 140.5 | 5.532 | 93 | 3.661 | 2.5 |
| 17.00 | .669 | 53.5 | 2.106 | 3 | 18 | 460.1-1700-051A0-XM | GC34 | 18.00 | .709 | 123 | 4.843 | 120.5 | 4.744 | 73 | 2.874 | 2.5 |
| 17.00 | .669 | 76.0 | 2.992 | 4 | 18 | 460.1-1700-077A0-XM | GC34 | 18.00 | .709 | 143 | 5.630 | 140.5 | 5.532 | 93 | 3.661 | 2.5 |
| 17.07 | .672 | 53.7 | 2.114 | 3 | 18 | 460.1-1707-051A0-XM | GC34 | 18.00 | .709 | 123 | 4.843 | 120.5 | 4.744 | 73 | 2.874 | 2.5 |
| 17.46 | .687 | 55.0 | 2.165 | 3 | 18 | 460.1-1746-052A0-XM | GC34 | 18.00 | .709 | 123 | 4.843 | 120.4 | 4.740 | 73 | 2.874 | 2.6 |
| 17.46 | .687 | 75.5 | 2.972 | 4 | 18 | 460.1-1746-079A0-XM | GC34 | 18.00 | .709 | 143 | 5.630 | 140.4 | 5.528 | 93 | 3.661 | 2.6 |
| 17.50 | .689 | 55.1 | 2.169 | 3 | 18 | 460.1-1750-053A0-XM | GC34 | 18.00 | .709 | 123 | 4.843 | 120.4 | 4.740 | 73 | 2.874 | 2.6 |
| 17.50 | .689 | 75.5 | 2.972 | 4 | 18 | 460.1-1750-079A0-XM | GC34 | 18.00 | .709 | 143 | 5.630 | 140.4 | 5.528 | 93 | 3.661 | 2.6 |
| 17.80 | .701 | 55.2 | 2.173 | 3 | 18 | 460.1-1780-053A0-XM | GC34 | 18.00 | .709 | 123 | 4.843 | 120.3 | 4.736 | 73 | 2.874 | 2.7 |
| 17.80 | .701 | 75.2 | 2.961 | 4 | 18 | 460.1-1780-080A0-XM | GC34 | 18.00 | .709 | 143 | 5.630 | 140.3 | 5.524 | 93 | 3.661 | 2.7 |
| 17.86 | .703 | 55.1 | 2.169 | 3 | 18 | 460.1-1786-054A0-XM | GC34 | 18.00 | .709 | 123 | 4.843 | 120.3 | 4.736 | 73 | 2.874 | 2.7 |
| 17.86 | .703 | 75.1 | 2.957 | 4 | 18 | 460.1-1786-084A0-XM | GC34 | 18.00 | .709 | 143 | 5.630 | 140.3 | 5.524 | 93 | 3.661 | 2.7 |
| 18.00 | .709 | 56.7 | 2.232 | 3 | 18 | 460.1-1800-054A0-XM | GC34 | 18.00 | .709 | 123 | 4.843 | 120.3 | 4.736 | 73 | 2.874 | 2.7 |
| 18.00 | .709 | 78.6 | 3.094 | 4 | 18 | 460.1-1800-081A0-XM | GC34 | 18.00 | .709 | 143 | 5.630 | 140.3 | 5.524 | 93 | 3.661 | 2.7 |
| 18.26 | .719 | 57.5 | 2.264 | 3 | 20 | 460.1-1826-055A0-XM | GC34 | 20.00 | .787 | 131 | 5.157 | 128.3 | 5.051 | 79 | 3.110 | 2.7 |
| 18.26 | .719 | 86.4 | 3.402 | 4 | 20 | 460.1-1826-082A0-XM | GC34 | 20.00 | .787 | 153 | 6.024 | 150.3 | 5.917 | 101 | 3.976 | 2.7 |
| 18.50 | .728 | 58.3 | 2.295 | 3 | 20 | 460.1-1850-056A0-XM | GC34 | 20.00 | .787 | 131 | 5.157 | 128.2 | 5.047 | 79 | 3.110 | 2.8 |
| 18.50 | .728 | 86.2 | 3.394 | 4 | 20 | 460.1-1850-083A0-XM | GC34 | 20.00 | .787 | 153 | 6.024 | 150.2 | 5.913 | 101 | 3.976 | 2.8 |
| 18.65 | .734 | 58.7 | 2.311 | 3 | 20 | 460.1-1865-056A0-XM | GC34 | 20.00 | .787 | 131 | 5.157 | 128.2 | 5.047 | 79 | 3.110 | 2.8 |
| 18.65 | .734 | 86.1 | 3.390 | 4 | 20 | 460.1-1865-084A0-XM | GC34 | 20.00 | .787 | 153 | 6.024 | 150.2 | 5.913 | 101 | 3.976 | 2.8 |
| 19.00 | .748 | 59.8 | 2.354 | 3 | 20 | 460.1-1900-057A0-XM | GC34 | 20.00 | .787 | 131 | 5.157 | 128.2 | 5.047 | 79 | 3.110 | 2.8 |
| 19.00 | .748 | 85.8 | 3.378 | 4 | 20 | 460.1-1900-086A0-XM | GC34 | 20.00 | .787 | 153 | 6.024 | 150.2 | 5.913 | 101 | 3.976 | 2.8 |
| 19.05 | .750 | 60.0 | 2.362 | 3 | 20 | 460.1-1905-057A0-XM | GC34 | 20.00 | .787 | 131 | 5.157 | 128.2 | 5.047 | 79 | 3.110 | 2.8 |
| 19.05 | .750 | 85.8 | 3.378 | 4 | 20 | 460.1-1905-086A0-XM | GC34 | 20.00 | .787 | 153 | 6.024 | 150.2 | 5.913 | 101 | 3.976 | 2.8 |
| 19.50 | .768 | 61.4 | 2.417 | 3 | 20 | 460.1-1950-059A0-XM | GC34 | 20.00 | .787 | 131 | 5.157 | 128.1 | 5.043 | 79 | 3.110 | 2.9 |
| 19.50 | .768 | 85.4 | 3.362 | 4 | 20 | 460.1-1950-088A0-XM | GC34 | 20.00 | .787 | 153 | 6.024 | 150.1 | 5.909 | 101 | 3.976 | 2.9 |
| 19.80 | .780 | 62.4 | 2.457 | 3 | 20 | 460.1-1980-059A0-XM | GC34 | 20.00 | .787 | 131 | 5.157 | 128.0 | 5.039 | 79 | 3.110 | 3.0 |
| 19.80 | .780 | 85.2 | 3.354 | 4 | 20 | 460.1-1980-089A0-XM | GC34 | 20.00 | .787 | 153 | 6.024 | 150.0 | 5.906 | 101 | 3.976 | 3.0 |



E14



E45



E36



E50

CoroDrill® 460, wiertło węglikowe

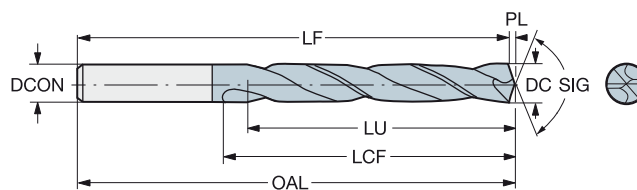
Do różnych materiałów

Zewnętrzne doprowadzenie chłodziwa



TCHA
SIG

H9
140°



| | | | | | | | | | | Wymiary, mm, cal | | | | | | | | | |
|-------|------|------|-------|------|-------------------|---------------------|-------|-------|-------|------------------|-------|-------|-------|-----|-------|-----|------|------------|--|
| DC | DC" | LU | LU" | ULDR | CZC _{MS} | Oznaczenie | GRADE | DCON | DCON" | OAL | OAL" | LF | LF" | LCF | LCF" | PL | PL" | BSG | |
| 20.00 | .787 | 63.0 | 2.480 | 3 | 20 | 460.1-2000-060A0-XM | GC34 | 20.00 | .787 | 131 | 5.157 | 128.0 | 5.039 | 79 | 3.110 | 3.0 | .118 | DIN 6537 K | |
| 20.00 | .787 | 85.0 | 3.346 | 4 | 20 | 460.1-2000-090A0-XM | GC34 | 20.00 | .787 | 153 | 6.024 | 150.0 | 5.906 | 101 | 3.976 | 3.0 | .118 | DIN 6537 L | |

B

C

D

E



E14



E45



E36

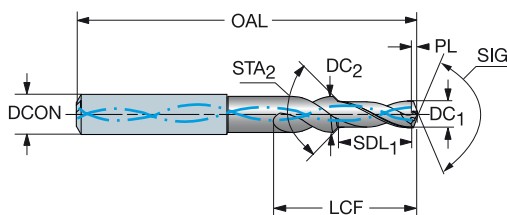


E50

CoroDrill® 460 – węglikowe wiertło do otworów stopniowych i fazowanych

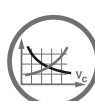
Do różnych materiałów

Wewnętrzne doprowadzenie chłodziwa

TCHA
SIGH9
140°

P M K N S H

| | | | | | | | | | | | | Wymiary, mm, cale | | | | | | | | | | | |
|-----------------|-------------------|-----------------|-------------------|-------|-------|-----|------|-------|-------------------|---------------------|-------|-------------------|-------|-----|-------|-------|-------|-----|-------|-----|------|----------|--|
| DC ₁ | DC ₁ " | DC ₂ | DC ₂ " | SDL | SDL" | STA | LU | LU" | CZC _{MS} | Oznaczenie | GRADE | DCON | DCON" | OAL | OAL" | LF | LF" | LCF | LCF" | PL | PL" | BSG | |
| 3.35 | .132 | 4.52 | .178 | 9.40 | .370 | 90° | 10.5 | .413 | 6 | 460.2-0335-010A1-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.5 | 2.579 | 19 | .748 | 0.5 | .020 | COROMANT | |
| 3.40 | .134 | 4.59 | .181 | 9.40 | .370 | 90° | 10.5 | .413 | 6 | 460.2-0340-010A1-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.5 | 2.579 | 19 | .748 | 0.5 | .020 | COROMANT | |
| 3.70 | .146 | 5.00 | .197 | 10.40 | .409 | 90° | 11.5 | .453 | 6 | 460.2-0370-011A1-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.5 | 2.579 | 21 | .827 | 0.5 | .020 | COROMANT | |
| 3.80 | .150 | 5.13 | .202 | 10.30 | .405 | 90° | 11.5 | .453 | 6 | 460.2-0380-011A1-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.5 | 2.579 | 21 | .827 | 0.5 | .020 | COROMANT | |
| 4.25 | .167 | 5.74 | .226 | 12.30 | .484 | 90° | 13.6 | .535 | 6 | 460.2-0425-013A1-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.4 | 2.575 | 24 | .945 | 0.6 | .024 | COROMANT | |
| 4.30 | .169 | 5.81 | .229 | 12.20 | .480 | 90° | 13.6 | .535 | 6 | 460.2-0430-013A1-XM | GC34 | 6.00 | .236 | 66 | 2.598 | 65.4 | 2.575 | 24 | .945 | 0.6 | .024 | COROMANT | |
| 4.65 | .183 | 6.28 | .247 | 13.20 | .519 | 90° | 14.7 | .579 | 8 | 460.2-0465-014A1-XM | GC34 | 8.00 | .315 | 79 | 3.110 | 78.3 | 3.083 | 26 | 1.024 | 0.7 | .028 | COROMANT | |
| 5.00 | .197 | 6.75 | .266 | 14.10 | .555 | 90° | 15.7 | .618 | 8 | 460.2-0500-015A1-XM | GC34 | 8.00 | .315 | 79 | 3.110 | 78.3 | 3.083 | 27 | 1.063 | 0.7 | .028 | COROMANT | |
| 5.10 | .201 | 6.89 | .271 | 14.10 | .555 | 90° | 15.7 | .618 | 8 | 460.2-0510-015A1-XM | GC34 | 8.00 | .315 | 79 | 3.110 | 78.3 | 3.083 | 28 | 1.102 | 0.7 | .028 | COROMANT | |
| 5.30 | .209 | 7.16 | .282 | 15.10 | .594 | 90° | 16.8 | .661 | 8 | 460.2-0530-016A1-XM | GC34 | 8.00 | .315 | 79 | 3.110 | 78.2 | 3.079 | 29 | 1.142 | 0.8 | .031 | COROMANT | |
| 5.50 | .217 | 7.43 | .293 | 16.00 | .629 | 90° | 17.8 | .701 | 8 | 460.2-0550-017A1-XM | GC34 | 8.00 | .315 | 79 | 3.110 | 78.2 | 3.079 | 30 | 1.181 | 0.8 | .031 | COROMANT | |
| 5.56 | .219 | 7.51 | .296 | 16.00 | .629 | 90° | 17.8 | .701 | 8 | 460.2-0556-017A1-XM | GC34 | 8.00 | .315 | 79 | 3.110 | 78.2 | 3.079 | 31 | 1.220 | 0.8 | .031 | COROMANT | |
| 6.60 | .260 | 8.91 | .351 | 18.80 | .740 | 90° | 21.0 | .827 | 10 | 460.2-0660-020A1-XM | GC34 | 10.00 | .394 | 89 | 3.504 | 88.0 | 3.465 | 36 | 1.417 | 1.0 | .039 | COROMANT | |
| 6.75 | .266 | 9.11 | .359 | 18.80 | .740 | 90° | 21.0 | .827 | 10 | 460.2-0675-020A1-XM | GC34 | 10.00 | .394 | 89 | 3.504 | 88.0 | 3.465 | 36 | 1.417 | 1.0 | .039 | COROMANT | |
| 6.85 | .270 | 9.25 | .364 | 19.80 | .779 | 90° | 22.0 | .866 | 10 | 460.2-0685-021A1-XM | GC34 | 10.00 | .394 | 89 | 3.504 | 88.0 | 3.465 | 37 | 1.457 | 1.0 | .039 | COROMANT | |
| 6.90 | .272 | 9.32 | .367 | 19.80 | .779 | 90° | 22.0 | .866 | 10 | 460.2-0690-021A1-XM | GC34 | 10.00 | .394 | 89 | 3.504 | 88.0 | 3.465 | 37 | 1.457 | 1.0 | .039 | COROMANT | |
| 7.00 | .276 | 9.45 | .372 | 19.80 | .779 | 90° | 22.0 | .866 | 10 | 460.2-0700-021A1-XM | GC34 | 10.00 | .394 | 89 | 3.504 | 88.0 | 3.465 | 38 | 1.496 | 1.0 | .039 | COROMANT | |
| 7.25 | .285 | 9.79 | .385 | 20.70 | .814 | 90° | 23.1 | .909 | 10 | 460.2-0725-022A1-XM | GC34 | 10.00 | .394 | 89 | 3.504 | 87.9 | 3.461 | 39 | 1.535 | 1.1 | .043 | COROMANT | |
| 7.30 | .287 | 9.86 | .388 | 20.70 | .814 | 90° | 23.1 | .909 | 10 | 460.2-0730-022A1-XM | GC34 | 10.00 | .394 | 89 | 3.504 | 87.9 | 3.461 | 39 | 1.535 | 1.1 | .043 | COROMANT | |
| 7.40 | .291 | 9.99 | .393 | 20.70 | .814 | 90° | 23.1 | .909 | 10 | 460.2-0740-022A1-XM | GC34 | 10.00 | .394 | 89 | 3.504 | 87.9 | 3.461 | 40 | 1.575 | 1.1 | .043 | COROMANT | |
| 8.00 | .315 | 10.80 | .425 | 22.60 | .889 | 90° | 25.2 | .992 | 12 | 460.2-0800-024A1-XM | GC34 | 12.00 | .472 | 102 | 4.016 | 100.8 | 3.969 | 43 | 1.693 | 1.2 | .047 | COROMANT | |
| 8.50 | .335 | 11.48 | .452 | 24.50 | .964 | 90° | 27.3 | 1.075 | 12 | 460.2-0850-026A1-XM | GC34 | 12.00 | .472 | 102 | 4.016 | 100.7 | 3.965 | 46 | 1.811 | 1.3 | .051 | COROMANT | |
| 8.60 | .339 | 11.61 | .457 | 24.50 | .964 | 90° | 27.3 | 1.075 | 12 | 460.2-0860-026A1-XM | GC34 | 12.00 | .472 | 102 | 4.016 | 100.7 | 3.965 | 46 | 1.811 | 1.3 | .051 | COROMANT | |
| 8.70 | .343 | 11.75 | .463 | 24.50 | .964 | 90° | 27.3 | 1.075 | 12 | 460.2-0870-026A1-XM | GC34 | 12.00 | .472 | 102 | 4.016 | 100.7 | 3.965 | 46 | 1.811 | 1.3 | .051 | COROMANT | |
| 9.00 | .354 | 12.15 | .478 | 25.40 | 1.000 | 90° | 28.3 | 1.114 | 14 | 460.2-0900-027A1-XM | GC34 | 14.00 | .551 | 112 | 4.409 | 110.7 | 4.358 | 48 | 1.890 | 1.3 | .051 | COROMANT | |
| 9.25 | .364 | 12.49 | .492 | 26.40 | 1.039 | 90° | 29.4 | 1.157 | 14 | 460.2-0925-028A1-XM | GC34 | 14.00 | .551 | 112 | 4.409 | 110.6 | 4.354 | 50 | 1.969 | 1.4 | .055 | COROMANT | |
| 9.30 | .366 | 12.56 | .494 | 26.40 | 1.039 | 90° | 29.4 | 1.157 | 14 | 460.2-0930-028A1-XM | GC34 | 14.00 | .551 | 112 | 4.409 | 110.6 | 4.354 | 50 | 1.969 | 1.4 | .055 | COROMANT | |
| 10.25 | .404 | 13.84 | .545 | 29.20 | 1.149 | 90° | 32.5 | 1.280 | 14 | 460.2-1025-031A1-XM | GC34 | 14.00 | .551 | 112 | 4.409 | 110.5 | 4.350 | 55 | 2.165 | 1.5 | .059 | COROMANT | |
| 10.30 | .406 | 13.91 | .548 | 29.20 | 1.149 | 90° | 32.5 | 1.280 | 14 | 460.2-1030-031A1-XM | GC34 | 14.00 | .551 | 112 | 4.409 | 110.5 | 4.350 | 55 | 2.165 | 1.5 | .059 | COROMANT | |
| 10.40 | .409 | 14.04 | .553 | 29.20 | 1.149 | 90° | 32.5 | 1.280 | 16 | 460.2-1040-031A1-XM | GC34 | 16.00 | .630 | 124 | 4.882 | 122.5 | 4.823 | 55 | 2.165 | 1.5 | .059 | COROMANT | |
| 10.50 | .413 | 14.18 | .558 | 30.20 | 1.188 | 90° | 33.6 | 1.323 | 16 | 460.2-1050-032A1-XM | GC34 | 16.00 | .630 | 124 | 4.882 | 122.4 | 4.819 | 56 | 2.205 | 1.6 | .063 | COROMANT | |
| 10.80 | .425 | 14.58 | .574 | 30.10 | 1.185 | 90° | 33.6 | 1.323 | 16 | 460.2-1080-032A1-XM | GC34 | 16.00 | .630 | 124 | 4.882 | 122.4 | 4.819 | 57 | 2.244 | 1.6 | .063 | COROMANT | |
| 11.00 | .433 | 14.85 | .585 | 31.10 | 1.224 | 90° | 34.6 | 1.362 | 16 | 460.2-1100-033A1-XM | GC34 | 16.00 | .630 | 124 | 4.882 | 122.4 | 4.819 | 58 | 2.283 | 1.6 | .063 | COROMANT | |
| 11.20 | .441 | 15.12 | .595 | 32.00 | 1.259 | 90° | 35.7 | 1.406 | 16 | 460.2-1120-034A1-XM | GC34 | 16.00 | .630 | 124 | 4.882 | 122.3 | 4.815 | 60 | 2.362 | 1.7 | .067 | COROMANT | |
| 11.50 | .453 | 15.53 | .611 | 33.00 | 1.299 | 90° | 36.7 | 1.445 | 16 | 460.2-1150-035A1-XM | GC34 | 16.00 | .630 | 124 | 4.882 | 122.3 | 4.815 | 61 | 2.402 | 1.7 | .067 | COROMANT | |
| 12.00 | .472 | 16.20 | .638 | 33.90 | 1.334 | 90° | 37.8 | 1.488 | 18 | 460.2-1200-036A1-XM | GC34 | 18.00 | .709 | 131 | 5.157 | 129.2 | 5.087 | 64 | 2.520 | 1.8 | .071 | COROMANT | |
| 12.10 | .476 | 16.34 | .643 | 33.90 | 1.334 | 90° | 37.8 | 1.488 | 18 | 460.2-1210-036A1-XM | GC34 | 18.00 | .709 | 131 | 5.157 | 129.2 | 5.087 | 64 | 2.520 | 1.8 | .071 | COROMANT | |
| 12.20 | .480 | 16.47 | .648 | 34.90 | 1.374 | 90° | 38.8 | 1.528 | 18 | 460.2-1220-037A1-XM | GC34 | 18.00 | .709 | 131 | 5.157 | 129.2 | 5.087 | 65 | 2.559 | 1.8 | .071 | COROMANT | |
| 12.25 | .482 | 16.54 | .651 | 34.90 | 1.374 | 90° | 38.8 | 1.528 | 18 | 460.2-1225-037A1-XM | GC34 | 18.00 | .709 | 131 | 5.157 | 129.2 | 5.087 | 65 | 2.559 | 1.8 | .071 | COROMANT | |
| 12.50 | .492 | 16.88 | .665 | 35.80 | 1.409 | 90° | 39.9 | 1.571 | 18 | 460.2-1250-038A1-XM | GC34 | 18.00 | .709 | 131 | 5.157 | 129.1 | 5.083 | 67 | 2.638 | 1.9 | .075 | COROMANT | |
| 13.10 | .516 | 17.69 | .696 | 36.70 | 1.444 | 90° | 41.0 | 1.614 | 18 | 460.2-1310-039A1-XM | GC34 | 18.00 | .709 | 142 | 5.591 | 140.0 | 5.512 | 69 | 2.717 | 2.0 | .079 | COROMANT | |
| 13.50 | .531 | 18.23 | .718 | 38.60 | 1.519 | 90° | 43.0 | 1.693 | 20 | 460.2-1350-041A1-XM | GC34 | 20.00 | .787 | 142 | 5.591 | 140.0 | 5.512 | 72 | 2.835 | 2.0 | .079 | COROMANT | |
| 14.00 | .551 | 18.90 | .744 | 39.60 | 1.559 | 90° | 44.1 | 1.736 | 20 | 460.2-1400-042A1-XM | GC34 | 20.00 | .787 | 142 | 5.591 | 139.9 | 5.508 | 74 | 2.913 | 2.1 | .083 | COROMANT | |
| 14.10 | .555 | 19.04 | .750 | 39.50 | 1.555 | 90° | 44.1 | 1.736 | 20 | 460.2-1410-042A1-XM | GC34 | 20.00 | .787 | 142 | 5.591 | 139.9 | 5.508 | 74 | 2.913 | 2.1 | .083 | COROMANT | |
| 14.20 | .559 | 19.17 | .755 | 40.50 | 1.594 | 90° | 45.1 | 1.776 | 20 | 460.2-1420-043A1-XM | GC34 | 20.00 | .787 | 142 | 5.591 | 139.9 | 5.508 | 75 | 2.953 | 2.1 | .083 | COROMANT | |
| 14.25 | .561 | 19.24 | .757 | 40.50 | 1.594 | 90° | 45.1 | 1.776 | 20 | 460.2-1425-043A1-XM | GC34 | 20.00 | .787 | 142 | 5.591 | 139.9 | 5.508 | 75 | 2.953 | 2.1 | .083 | COROMANT | |
| 14.50 | .571 | 19.58 | .771 | 41.50 | 1.633 | 90° | 46.2 | 1.819 | 20 | 460.2-1450-044A1-XM | GC34 | 20.00 | .787 | 142 | 5.591 | 139.8 | 5.504 | 77 | 3.032 | 2.2 | .087 | COROMANT | |
| 15.00 | .591 | 20.00 | .787 | 42.50 | 1.673 | 90° | 47.2 | 1.858 | 20 | 460.2-1500-045A1-XM | GC34 | 20.00 | .787 | 142 | 5.591 | 139.8 | 5.504 | 79 | 3.110 | 2.2 | .087 | COROMANT | |



E8



E45



E36



E50

CoroDrill® 460 – węglkowe wiertło do otworów stopniowych i fazowanych

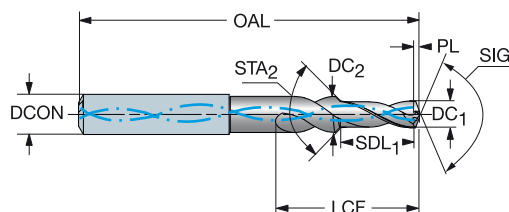
Do różnych materiałów

Wewnętrzne doprowadzenie chłodziwa



TCHA
SIG

H9
140°



| | | | | | | | | | | | | Wymiary, mm, cale | | | | | | | | | | | |
|-----------------|-------------------|-----------------|-------------------|-------|-------|-----|------|-------|-------------------|---------------------|-------|-------------------|-------|-----|-------|-------|-------|-----|-------|-----|------|----------|--|
| DC ₁ | DC ₁ " | DC ₂ | DC ₂ " | SDL | SDL" | STA | LU | LU" | CZC _{MS} | Oznaczenie | GRADE | DCON | DCON" | OAL | OAL" | LF | LF" | LCF | LCF" | PL | PL" | BSG | |
| 15.10 | .594 | 20.00 | .787 | 42.60 | 1.677 | 90° | 47.3 | 1.862 | 20 | 460.2-1510-045A1-XM | GC34 | 20.00 | .787 | 142 | 5.591 | 139.7 | 5.500 | 79 | 3.110 | 2.3 | .091 | COROMANT | |
| 15.50 | .610 | 20.00 | .787 | 44.80 | 1.763 | 90° | 49.3 | 1.941 | 20 | 460.2-1550-047A1-XM | GC34 | 20.00 | .787 | 142 | 5.591 | 139.7 | 5.500 | 81 | 3.189 | 2.3 | .091 | COROMANT | |
| 15.60 | .614 | 20.00 | .787 | 44.80 | 1.763 | 90° | 49.3 | 1.941 | 20 | 460.2-1560-047A1-XM | GC34 | 20.00 | .787 | 142 | 5.591 | 139.7 | 5.500 | 81 | 3.189 | 2.3 | .091 | COROMANT | |
| 15.70 | .618 | 20.00 | .787 | 44.90 | 1.767 | 90° | 49.3 | 1.941 | 20 | 460.2-1570-047A1-XM | GC34 | 20.00 | .787 | 142 | 5.591 | 139.7 | 5.500 | 81 | 3.189 | 2.3 | .091 | COROMANT | |
| 16.50 | .650 | 20.00 | .787 | 48.30 | 1.901 | 90° | 52.5 | 2.067 | 20 | 460.2-1650-050A1-XM | GC34 | 20.00 | .787 | 142 | 5.591 | 139.5 | 5.492 | 84 | 3.307 | 2.5 | .098 | COROMANT | |
| 17.50 | .689 | 20.00 | .787 | 51.80 | 2.039 | 90° | 55.6 | 2.189 | 20 | 460.2-1750-053A1-XM | GC34 | 20.00 | .787 | 142 | 5.591 | 139.4 | 5.488 | 87 | 3.425 | 2.6 | .102 | COROMANT | |



E8



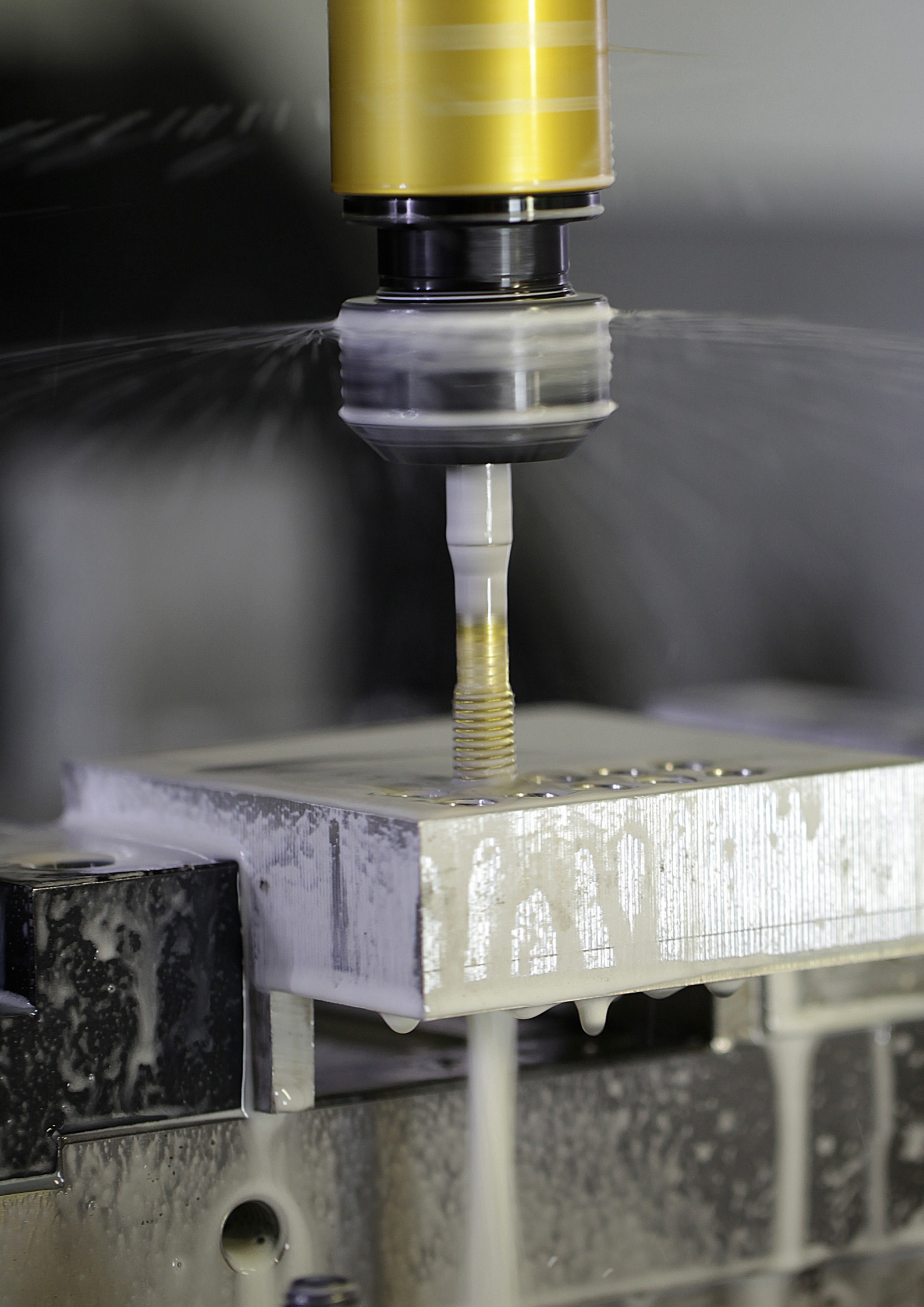
E45



E36
























E50












Gwintowanie

B

| | Metryczny | Metryczny drobnozwojny | UNC | UNF | G | Metryczny | Metryczny drobnozwojny |
|------------------------------------|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |
| CoroTap™ | 200 | 200 | 200 | 200 | 200 | 300 | 300 |
| Zakres gwintowania | M2 - M30 | M4 - M30 | No.2-1", No.4-1" | No.8-1", No.4-1" | No.1/8-1" | M2 - M64 | M4 - M30 |
| Obszar zastosowań wg ISO |  |  |  |  |  |  |  |
| Otwór przelotowy lub nieprzelotowy |  |  |  |  |  |  |  |
| THCHT | B 3.5-5 | B 3.5-5 | B 3.5-5 | B 3.5-5 | B 3.5-5 | C 2-3, E 1.5-2 | C 2-3, E 1.5-2 |
| TCTR | 6H, 6G | 6H | 2B, 3BX | 2B, 3BX | NORMAL | 6H,6G | 6H |
| ULDR | 2.5-3.0 xD | 2.5 xD | 2.5 xD | 2.5 xD | 2.5 xD | 2.5-3.0 xD | 2.5 xD |
| BSG | DIN 371 DIN 376 DIN 371/ANSI | DIN 374 DIN 374/ANSI | DIN 2184-1 DIN 2184-1/ANSI | DIN 2184-1 DIN 2184-1/ANSI | DIN 5156 | DIN 371 DIN 376 DIN 371/ANSI DIN 376/ANSI | DIN 374 DIN 374/ANSI |
| Chłodziwo doprowadzane wewnątrz | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ |
| Chłodziwo doprowadzane zewnątrz | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Strona | C4-C6 | C7-C9 | C10-C11 | C12-C13 | C14 | C16-C18 | C19-C21 |

C

| | UNC | UNF | G |
|------------------------------------|---|---|---|
| |  |  |  |
| CoroTap™ | 300 | 300 | 300 |
| Zakres gwintowania | No.4-1", No.2-1" | No.4-1", No.8 - 1" | 1/8-1.1/2 |
| Obszar zastosowań wg ISO |  |  |  |
| Otwór przelotowy lub nieprzelotowy |  |  |  |
| THCHT | C 2-3, E 1.5-2 | C 2-3, E 1.5-2 | C 2-3 |
| TCTR | 2B, 3BX | 2B, 3BX | NORMAL |
| ULDR | 2.5 xD | 2.5 xD | 2.5 xD |
| BSG | DIN 2184-1 DIN 2184-1/ANSI | DIN 2184-1 DIN 2184-1/ANSI | DIN 5156 |
| Chłodziwo doprowadzane wewnątrz | ✗ | ✗ | ✗ |
| Chłodziwo doprowadzane zewnątrz | ✓ | ✓ | ✓ |
| Strona | C22-C24 | C25-C27 | C28 |

D

E

CoroTap™ 200

Zastosowania

- Tylko do otworów przelotowych
- Modele do różnych zarysów i odpowiadające różnym normom
- Możliwości obróbki otworów o głębokości do 3xD, w zależności od materiału przedmiotu

Obszar stosowania wg ISO:



Cechy i korzyści

- Forma nakroju B (3.5-5 zwojów) zapewnia duże bezpieczeństwo obróbki
- Wykończenie krawędzi wpływa na zmniejszenie sił osiowych i momentu, płynną pracę narzędzia, mniejsze ryzyko wykruszania krawędzi, mniejszą chropowatość powierzchni, poprawę trwałości i lepszy przebieg formowania wiórów
- Gwintowniki z szybkołnącej stali proszkowej: mocniejsze, trwalsze i bardziej odporne na zużycie
- Dostępne są różne pokrycia i gatunki

- Gwintowniki ze skośną powierzchnią natarcia, szlifowane
- Wióry są popychane do przodu
- Do otworów przelotowych



Narzędzia niestandardowe, patrz strona E36



www.sandvik.coromant.com/corotap200

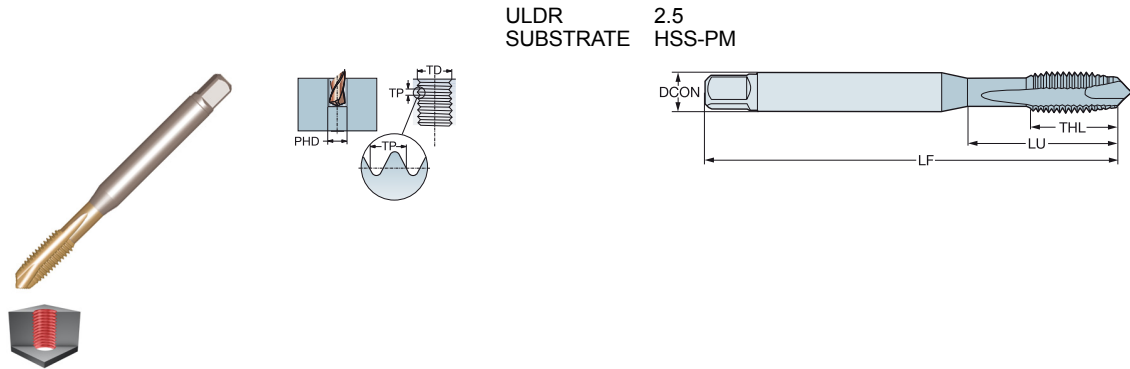


CoroChuck™ 970, patrz katalog Narzędzia obrotowe.

CoroTap™ 200, gwintownik ze skośną powierzchnią natarcia

Zarys gwintu: Metryczny

DIN 371, DIN 376



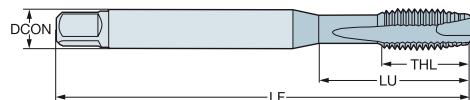
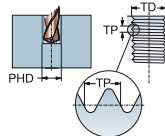
| | | | | | | | | Wymiary, mm, cal | | | | | |
|-------|------|-------|-------------------|-------|------|-------------------|------------------|------------------|-------|-------|-------|-----|---------|
| TDZ | TP | LU | CZC _{MS} | THCHT | TCTR | Oznaczenie | GRADE | DCON | TD | LF | THL | NOF | BSG |
| M 2 | 0.40 | 9.00 | 2.80 x 2.10 | B | 6H | T200-XM100DA-M2 | C110, C150, C145 | 2.8 | 2.00 | 45.0 | 6.0 | 2 | DIN 371 |
| | | .354 | | | | | | .110 | .079 | 1.772 | .236 | | |
| M 2.5 | 0.45 | 12.50 | 2.80 x 2.10 | B | 6H | T200-XM100DA-M2.5 | C110, C150, C145 | 2.8 | 2.50 | 50.0 | 8.0 | 2 | DIN 371 |
| | | .492 | | | | | | .110 | .098 | 1.969 | .315 | | |
| M 3 | 0.50 | 18.00 | 3.50 x 2.70 | B | 6H | T200-XM100DA-M3 | C110, C150, C145 | 3.5 | 3.00 | 56.0 | 8.9 | 3 | DIN 371 |
| | | .709 | | | | | | .138 | .118 | 2.205 | .350 | | |
| M 3.5 | 0.60 | 20.00 | 4.00 x 3.00 | B | 6H | T200-XM100DA-M3.5 | C110, C150, C145 | 4.0 | 3.50 | 56.0 | 10.8 | 3 | DIN 371 |
| | | .787 | | | | | | .157 | .138 | 2.205 | .425 | | |
| M 4 | 0.70 | 21.00 | 4.50 x 3.40 | B | 6H | T200-XM100DA-M4 | C110, C150, C145 | 4.5 | 4.00 | 63.0 | 11.7 | 3 | DIN 371 |
| | | .827 | | | | | | .177 | .157 | 2.480 | .461 | | |
| M 4.5 | 0.75 | 25.00 | 6.00 x 4.90 | B | 6H | T200-XM100DA-M4.5 | C110, C150, C145 | 6.0 | 4.50 | 70.0 | 13.0 | 3 | DIN 371 |
| | | .984 | | | | | | .236 | .177 | 2.756 | .512 | | |
| M 5 | 0.80 | 25.00 | 6.00 x 4.90 | B | 6H | T200-XM100DA-M5 | C110, C150, C145 | 6.0 | 5.00 | 70.0 | 12.6 | 3 | DIN 371 |
| | | .984 | | | | | | .236 | .197 | 2.756 | .496 | | |
| M 6 | 1.00 | 30.00 | 6.00 x 4.90 | B | 6H | T200-XM100DA-M6 | C110, C150, C145 | 6.0 | 6.00 | 80.0 | 14.5 | 3 | DIN 371 |
| | | 1.181 | | | | | | .236 | .236 | 3.150 | .571 | | |
| M 7 | 1.00 | 30.00 | 7.00 x 5.50 | B | 6H | T200-XM100DA-M7 | C110, C150, C145 | 7.0 | 7.00 | 80.0 | 14.5 | 3 | DIN 371 |
| | | 1.181 | | | | | | .276 | .276 | 3.150 | .571 | | |
| M 8 | 1.25 | 35.00 | 8.00 x 6.20 | B | 6H | T200-XM100DA-M8 | C110, C150, C145 | 8.0 | 8.00 | 90.0 | 17.4 | 3 | DIN 371 |
| | | 1.378 | | | | | | .315 | .315 | 3.543 | .685 | | |
| M 10 | 1.50 | 39.00 | 10.00 x 8.00 | B | 6H | T200-XM100DA-M10 | C110, C150, C145 | 10.0 | 10.00 | 100.0 | 19.2 | 3 | DIN 371 |
| | | 1.535 | | | | | | .394 | .394 | 3.937 | .756 | | |
| M 3 | 0.50 | 37.00 | 2.20 x 1.80 | B | 6H | T200-XM101DA-M3 | C110, C150, C145 | 2.2 | 3.00 | 56.0 | 10.0 | 3 | DIN 376 |
| | | 1.457 | | | | | | .087 | .118 | 2.205 | .394 | | |
| M 4 | 0.70 | 43.00 | 2.80 x 2.10 | B | 6H | T200-XM101DA-M4 | C110, C150, C145 | 2.8 | 4.00 | 63.0 | 11.9 | 3 | DIN 376 |
| | | 1.693 | | | | | | .110 | .157 | 2.480 | .469 | | |
| M 5 | 0.80 | 49.00 | 3.50 x 2.70 | B | 6H | T200-XM101DA-M5 | C110, C150, C145 | 3.5 | 5.00 | 70.0 | 13.2 | 3 | DIN 376 |
| | | 1.929 | | | | | | .138 | .197 | 2.756 | .520 | | |
| M 6 | 1.00 | 59.00 | 4.50 x 3.40 | B | 6H | T200-XM101DA-M6 | C110, C150, C145 | 4.5 | 6.00 | 80.0 | 15.1 | 3 | DIN 376 |
| | | 2.323 | | | | | | .177 | .236 | 3.150 | .594 | | |
| M 8 | 1.25 | 67.00 | 6.00 x 4.90 | B | 6H | T200-XM101DA-M8 | C110, C150, C145 | 6.0 | 8.00 | 90.0 | 18.0 | 3 | DIN 376 |
| | | 2.638 | | | | | | .236 | .315 | 3.543 | .709 | | |
| M 10 | 1.50 | 77.00 | 7.00 x 5.50 | B | 6H | T200-XM101DA-M10 | C110, C150, C145 | 7.0 | 10.00 | 100.0 | 20.0 | 3 | DIN 376 |
| | | 3.032 | | | | | | .276 | .394 | 3.937 | .787 | | |
| M 12 | 1.75 | 83.00 | 9.00 x 7.00 | B | 6H | T200-XM101DA-M12 | C110, C150, C145 | 9.0 | 12.00 | 110.0 | 23.0 | 3 | DIN 376 |
| | | 3.268 | | | | | | .354 | .472 | 4.331 | .906 | | |
| M 14 | 2.00 | 81.00 | 11.00 x 9.00 | B | 6H | T200-XM101DA-M14 | C110, C150, C145 | 11.0 | 14.00 | 110.0 | 25.0 | 3 | DIN 376 |
| | | 3.189 | | | | | | .433 | .551 | 4.331 | .984 | | |
| M 16 | 2.00 | 68.00 | 12.00 x 9.00 | B | 6H | T200-XM101DA-M16 | C110, C150, C145 | 12.0 | 16.00 | 110.0 | 25.0 | 3 | DIN 376 |
| | | 2.677 | | | | | | .472 | .630 | 4.331 | .984 | | |
| M 18 | 2.50 | 81.00 | 14.00 x 11.00 | B | 6H | T200-XM101DA-M18 | B110, B145, B150 | 14.0 | 18.00 | 125.0 | 30.0 | 4 | DIN 376 |
| | | 3.189 | | | | | | .551 | .709 | 4.921 | 1.181 | | |
| M 20 | 2.50 | 95.00 | 16.00 x 12.00 | B | 6H | T200-XM101DA-M20 | B110, B145, B150 | 16.0 | 20.00 | 140.0 | 30.0 | 4 | DIN 376 |
| | | 3.740 | | | | | | .630 | .787 | 5.512 | 1.181 | | |

CoroTap™ 200, gwintownik ze skośną powierzchnią natarcia

Zarys gwintu: Metryczny

DIN 371, DIN 376

ULDR
SUBSTRATE 2.5
HSS-PM



| | | | | | | | | Wymiary, mm, cal | | | | | |
|------|------|--------|-------------------|-------|------|------------------|------------------|------------------|-------|-------|-------|-----|---------|
| TDZ | TP | LU | CZC _{MS} | THCHT | TCTR | Oznaczenie | GRADE | DCON | TD | LF | THL | NOF | BSG |
| M 22 | 2.50 | 93.00 | 18.00 x 14.50 | B | 6H | T200-XM101DA-M22 | B110, B145, B150 | 18.0 | 22.00 | 140.0 | 34.0 | 4 | DIN 376 |
| | | 3.661 | | | | | | .709 | .866 | 5.512 | 1.339 | | |
| M 24 | 3.00 | 113.00 | 18.00 x 14.50 | B | 6H | T200-XM101DA-M24 | B110, B145, B150 | 18.0 | 24.00 | 160.0 | 38.0 | 4 | DIN 376 |
| | | 4.449 | | | | | | .709 | .945 | 6.299 | 1.496 | | |
| M 27 | 3.00 | 97.00 | 20.00 x 16.00 | B | 6H | T200-XM101DA-M27 | B110, B145, B150 | 20.0 | 27.00 | 160.0 | 38.0 | 4 | DIN 376 |
| | | 3.819 | | | | | | .787 | 1.063 | 6.299 | 1.496 | | |
| M 30 | 3.50 | 115.00 | 22.00 x 18.00 | B | 6H | T200-XM101DA-M30 | B110, B145, B150 | 22.0 | 30.00 | 180.0 | 45.0 | 4 | DIN 376 |
| | | 4.528 | | | | | | .866 | 1.181 | 7.087 | 1.772 | | |
| M 3 | 0.50 | 18.00 | 3.50 x 2.70 | B | 6G | T200-XM104DA-M3 | C110, C145, C150 | 3.5 | 3.00 | 56.0 | 8.9 | 3 | DIN 371 |
| | | .709 | | | | | | .138 | .118 | 2.205 | .350 | | |
| M 4 | 0.70 | 21.00 | 4.50 x 3.40 | B | 6G | T200-XM104DA-M4 | C110, C145, C150 | 4.5 | 4.00 | 63.0 | 12.0 | 3 | DIN 371 |
| | | .827 | | | | | | .177 | .157 | 2.480 | .472 | | |
| M 5 | 0.80 | 25.00 | 6.00 x 4.90 | B | 6G | T200-XM104DA-M5 | C110, C145, C150 | 6.0 | 5.00 | 70.0 | 13.0 | 3 | DIN 371 |
| | | .984 | | | | | | .236 | .197 | 2.756 | .512 | | |
| M 6 | 1.00 | 30.00 | 6.00 x 4.90 | B | 6G | T200-XM104DA-M6 | C110, C145, C150 | 6.0 | 6.00 | 80.0 | 15.0 | 3 | DIN 371 |
| | | 1.181 | | | | | | .236 | .236 | 3.150 | .591 | | |
| M 8 | 1.25 | 35.00 | 8.00 x 6.20 | B | 6G | T200-XM104DA-M8 | C110, C145, C150 | 8.0 | 8.00 | 90.0 | 18.0 | 3 | DIN 371 |
| | | 1.378 | | | | | | .315 | .315 | 3.543 | .709 | | |
| M 10 | 1.50 | 39.00 | 10.00 x 8.00 | B | 6G | T200-XM104DA-M10 | C110, C145, C150 | 10.0 | 10.00 | 100.0 | 20.0 | 3 | DIN 371 |
| | | 1.535 | | | | | | .394 | .394 | 3.937 | .787 | | |
| M 12 | 1.75 | 83.00 | 9.00 x 7.00 | B | 6G | T200-XM105DA-M12 | C110, C145, C150 | 9.0 | 12.00 | 110.0 | 23.0 | 3 | DIN 376 |
| | | 3.268 | | | | | | .354 | .472 | 4.331 | .906 | | |
| M 16 | 2.00 | 68.00 | 12.00 x 9.00 | B | 6G | T200-XM105DA-M16 | C110, C145, C150 | 12.0 | 16.00 | 110.0 | 25.0 | 3 | DIN 376 |
| | | 2.677 | | | | | | .472 | .630 | 4.331 | .984 | | |
| M 20 | 2.50 | 95.00 | 16.00 x 12.00 | B | 6G | T200-XM105DA-M20 | B110, B145, B150 | 16.0 | 20.00 | 140.0 | 30.0 | 4 | DIN 376 |
| | | 3.740 | | | | | | .630 | .787 | 5.512 | 1.181 | | |



E28



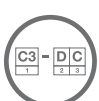
E41



E45



E36



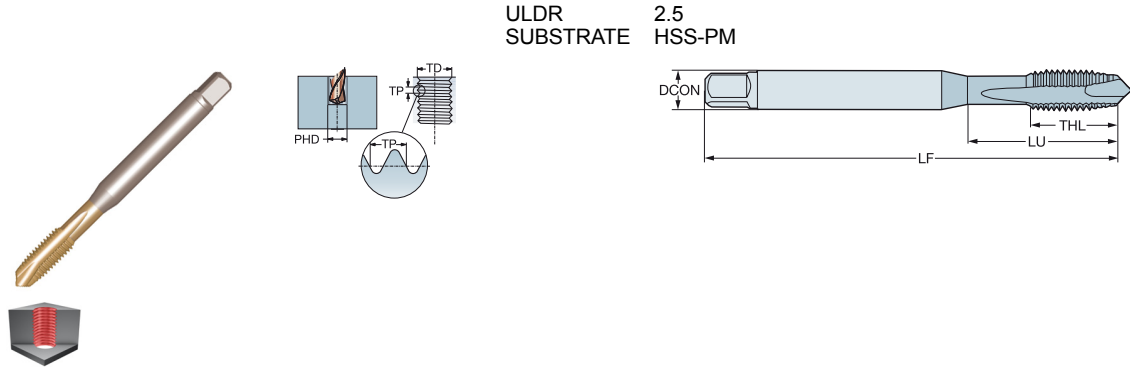
E59



E38

CoroTap™ 200, gwintownik ze skośną powierzchnią natarcia

Zarys gwintu: Metryczny
DIN 371/ANSI



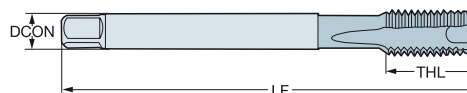
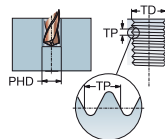
| | | | | | | | | Wymiary, mm, cale | | | | | |
|------|------|----------------|-------------------|-------|------|------------------|------------------|-------------------|---------------|----------------|---------------|-----|--------------|
| TDZ | TP | LU | CZC _{MS} | THCHT | TCTR | Oznaczenie | GRADE | DCON | TD | LF | THL | NOF | BSG |
| M 4 | 0.70 | 21.50 .846 | .168 x .131 | B | 6H | T200-XM100AA-M4 | C110, C145, C150 | 4.3 .168 | 4.00 .157 | 63.0 2.480 | 13.6 .535 | 3 | DIN 371/ANSI |
| M 5 | 0.80 | 28.00 1.102 | .194 x .152 | B | 6H | T200-XM100AA-M5 | C110, C145, C150 | 4.9 .194 | 5.00 .197 | 70.0 2.756 | 14.6 .575 | 3 | DIN 371/ANSI |
| M 6 | 1.00 | 25.00 .984 | .255 x .191 | B | 6H | T200-XM100AA-M6 | C110, C145, C150 | 6.5 .255 | 6.00 .236 | 80.0 3.150 | 15.9 .626 | 3 | DIN 371/ANSI |
| M 8 | 1.25 | 34.00 1.339 | .318 x .238 | B | 6H | T200-XM100AA-M8 | C110, C145, C150 | 8.1 .318 | 8.00 .315 | 90.0 3.543 | 18.9 .744 | 3 | DIN 371/ANSI |
| M 10 | 1.50 | 38.50 1.516 | .381 x .286 | B | 6H | T200-XM100AA-M10 | C110, C145, C150 | 9.7 .381 | 10.00 .394 | 100.0 3.937 | 21.0 .827 | 3 | DIN 371/ANSI |
| M 12 | 1.75 | 81.82 3.221 | .367 x .275 | B | 6H | T200-XM101AA-M12 | C110, C145, C150 | 9.3 .367 | 12.00 .472 | 110.0 4.331 | 23.1 .909 | 3 | DIN 376/ANSI |
| M 14 | 2.00 | 80.30 3.161 | .429 x .322 | B | 6H | T200-XM101AA-M14 | C110, C145, C150 | 10.9 .429 | 14.00 .551 | 110.0 4.331 | 23.1 .909 | 3 | DIN 376/ANSI |
| M 16 | 2.00 | 65.78 2.590 | .480 x .360 | B | 6H | T200-XM101AA-M16 | C110, C145, C150 | 12.2 .480 | 16.00 .630 | 110.0 4.331 | 23.1 .909 | 3 | DIN 376/ANSI |
| M 18 | 2.50 | 79.00 3.110 | .542 x .406 | B | 6H | T200-XM101AA-M18 | C110, C145, C150 | 13.8 .542 | 18.00 .709 | 125.0 4.921 | 30.0 1.181 | 4 | DIN 376/ANSI |
| M 20 | 2.50 | 92.47 3.641 | .652 x .489 | B | 6H | T200-XM101AA-M20 | C110, C145, C150 | 16.6 .652 | 20.00 .787 | 140.0 5.512 | 30.0 1.181 | 4 | DIN 376/ANSI |

CoroTap™ 200, gwintownik ze skośną powierzchnią natarcia

Zarys gwintu: Metryczny drobnzwojny

DIN 374

ULDR
SUBSTRATE 2.5
HSS-PM



| | | | | | | | | Wymiary, mm, cale | | | | | |
|------------|------|-------|-------------------|-------|------|----------------------|------------------|-------------------|-------|-------|-------|-----|---------|
| TDZ | TP | LU | CZC _{MS} | THCHT | TCTR | Oznaczenie | GRADE | DCON | TD | LF | THL | NOF | BSG |
| MF 4x0.5 | 0.50 | 43.00 | 2.80 x 2.10 | B | 6H | T200-XM100DB-M4X050 | C110, C145, C150 | 2.8 | 4.00 | 63.0 | 11.9 | 3 | DIN 374 |
| | | 1.693 | | | | | | .110 | .157 | 2.480 | .469 | | |
| MF 5x0.5 | 0.50 | 49.00 | 3.50 x 2.70 | B | 6H | T200-XM100DB-M5X050 | C110, C145, C150 | 3.5 | 5.00 | 70.0 | 13.2 | 3 | DIN 374 |
| | | 1.929 | | | | | | .138 | .197 | 2.756 | .520 | | |
| MF 6x0.75 | 0.75 | 59.00 | 4.50 x 3.40 | B | 6H | T200-XM100DB-M6X075 | C110, C145, C150 | 4.5 | 6.00 | 80.0 | 15.1 | 3 | DIN 374 |
| | | 2.323 | | | | | | .177 | .236 | 3.150 | .594 | | |
| MF 8x0.75 | 0.75 | 57.00 | 6.00 x 4.90 | B | 6H | T200-XM100DB-M8X075 | C110, C145, C150 | 6.0 | 8.00 | 80.0 | 14.9 | 3 | DIN 374 |
| | | 2.244 | | | | | | .236 | .315 | 3.150 | .587 | | |
| MF 8x1 | 1.00 | 67.00 | 6.00 x 4.90 | B | 6H | T200-XM100DB-M8X100 | C110, C145, C150 | 6.0 | 8.00 | 90.0 | 18.0 | 3 | DIN 374 |
| | | 2.638 | | | | | | .236 | .315 | 3.543 | .709 | | |
| MF 10x0.75 | 0.75 | 67.00 | 7.00 x 5.50 | B | 6H | T200-XM100DB-M10X075 | C110, C145, C150 | 7.0 | 10.00 | 90.0 | 17.6 | 3 | DIN 374 |
| | | 2.638 | | | | | | .276 | .394 | 3.543 | .693 | | |
| MF 10x1 | 1.00 | 67.00 | 7.00 x 5.50 | B | 6H | T200-XM100DB-M10X100 | C110, C145, C150 | 7.0 | 10.00 | 90.0 | 17.6 | 3 | DIN 374 |
| | | 2.638 | | | | | | .276 | .394 | 3.543 | .693 | | |
| MF 10x1.25 | 1.25 | 77.00 | 7.00 x 5.50 | B | 6H | T200-XM100DB-M10X125 | C110, C145, C150 | 7.0 | 10.00 | 100.0 | 19.8 | 3 | DIN 374 |
| | | 3.032 | | | | | | .276 | .394 | 3.937 | .780 | | |
| MF 12x1 | 1.00 | 73.00 | 9.00 x 7.00 | B | 6H | T200-XM100DB-M12X100 | C110, C145, C150 | 9.0 | 12.00 | 100.0 | 21.0 | 3 | DIN 374 |
| | | 2.874 | | | | | | .354 | .472 | 3.937 | .827 | | |
| MF 12x1.25 | 1.25 | 73.00 | 9.00 x 7.00 | B | 6H | T200-XM100DB-M12X125 | C110, C145, C150 | 9.0 | 12.00 | 100.0 | 21.0 | 3 | DIN 374 |
| | | 2.874 | | | | | | .354 | .472 | 3.937 | .827 | | |
| MF 12x1.5 | 1.50 | 73.00 | 9.00 x 7.00 | B | 6H | T200-XM100DB-M12X150 | C110, C145, C150 | 9.0 | 12.00 | 100.0 | 21.0 | 3 | DIN 374 |
| | | 2.874 | | | | | | .354 | .472 | 3.937 | .827 | | |
| MF 14x1 | 1.00 | 71.00 | 11.00 x 9.00 | B | 6H | T200-XM100DB-M14X100 | C110, C145, C150 | 11.0 | 14.00 | 100.0 | 21.0 | 3 | DIN 374 |
| | | 2.795 | | | | | | .433 | .551 | 3.937 | .827 | | |
| MF 14x1.25 | 1.25 | 71.00 | 11.00 x 9.00 | B | 6H | T200-XM100DB-M14X125 | C110, C145, C150 | 11.0 | 14.00 | 100.0 | 21.0 | 3 | DIN 374 |
| | | 2.795 | | | | | | .433 | .551 | 3.937 | .827 | | |
| MF 14x1.5 | 1.50 | 71.00 | 11.00 x 9.00 | B | 6H | T200-XM100DB-M14X150 | C110, C145, C150 | 11.0 | 14.00 | 100.0 | 21.0 | 3 | DIN 374 |
| | | 2.795 | | | | | | .433 | .551 | 3.937 | .827 | | |
| MF 16x1 | 1.00 | 58.00 | 12.00 x 9.00 | B | 6H | T200-XM100DB-M16X100 | C110, C145, C150 | 12.0 | 16.00 | 100.0 | 21.0 | 3 | DIN 374 |
| | | 2.283 | | | | | | .472 | .630 | 3.937 | .827 | | |
| MF 16x1.5 | 1.50 | 58.00 | 12.00 x 9.00 | B | 6H | T200-XM100DB-M16X150 | C110, C145, C150 | 12.0 | 16.00 | 100.0 | 21.0 | 3 | DIN 374 |
| | | 2.283 | | | | | | .472 | .630 | 3.937 | .827 | | |
| MF 18x1 | 1.00 | 66.00 | 14.00 x 11.00 | B | 6H | T200-XM100DB-M18X100 | B110, B145, B150 | 14.0 | 18.00 | 110.0 | 24.0 | 4 | DIN 374 |
| | | 2.598 | | | | | | .551 | .709 | 4.331 | .945 | | |
| MF 18x1.5 | 1.50 | 66.00 | 14.00 x 11.00 | B | 6H | T200-XM100DB-M18X150 | B110, B145, B150 | 14.0 | 18.00 | 110.0 | 24.0 | 4 | DIN 374 |
| | | 2.598 | | | | | | .551 | .709 | 4.331 | .945 | | |
| MF 20x1 | 1.00 | 80.00 | 16.00 x 12.00 | B | 6H | T200-XM100DB-M20X100 | B110, B145, B150 | 16.0 | 20.00 | 125.0 | 24.0 | 4 | DIN 374 |
| | | 3.150 | | | | | | .630 | .787 | 4.921 | .945 | | |
| MF 20x1.5 | 1.50 | 80.00 | 16.00 x 12.00 | B | 6H | T200-XM100DB-M20X150 | B110, B145, B150 | 16.0 | 20.00 | 125.0 | 24.0 | 4 | DIN 374 |
| | | 3.150 | | | | | | .630 | .787 | 4.921 | .945 | | |
| MF 22x1.5 | 1.50 | 78.00 | 18.00 x 14.50 | B | 6H | T200-XM100DB-M22X150 | B110, B145, B150 | 18.0 | 22.00 | 125.0 | 25.0 | 4 | DIN 374 |
| | | 3.071 | | | | | | .709 | .866 | 4.921 | .984 | | |
| MF 24x1.5 | 1.50 | 93.00 | 18.00 x 14.50 | B | 6H | T200-XM100DB-M24X150 | B110, B145, B150 | 18.0 | 24.00 | 140.0 | 28.0 | 4 | DIN 374 |
| | | 3.661 | | | | | | .709 | .945 | 5.512 | 1.102 | | |



E28



E41



E45



E36



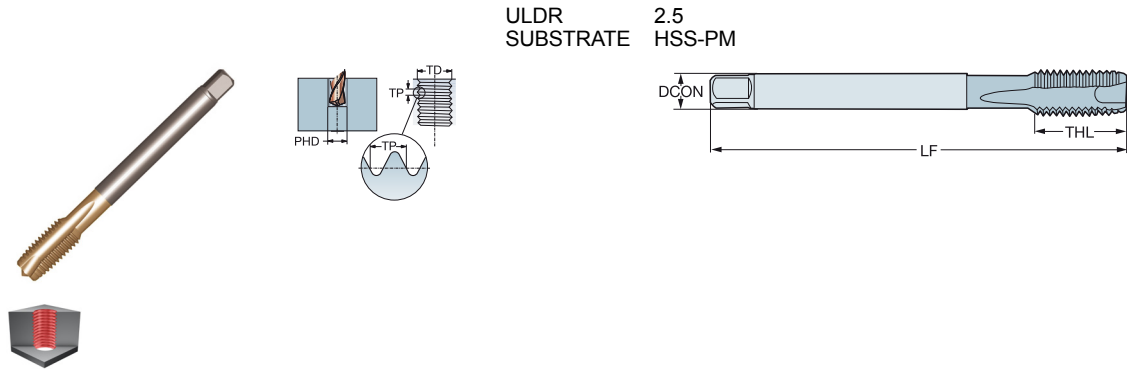
E59



E38

CoroTap™ 200, gwintownik ze skośną powierzchnią natarcia

Zarys gwintu: Metryczny drobnozwojny
DIN 374



| | | | | | | | | Wymiary, mm, cal/e | | | | | | |
|-----------|------|-------|-------------------|-------|------|----------------------|------------------|--------------------|-------|-------|-------|-----|---------|--|
| TDZ | TP | LU | CZC _{MS} | THCHT | TCTR | Oznaczenie | GRADE | DCON | TD | LF | THL | NOF | BSG | |
| MF 24x2 | 2.00 | 93.00 | 18.00 x 14.50 | B | 6H | T200-XM100DB-M24X200 | B110, B145, B150 | 18.0 | 24.00 | 140.0 | 28.0 | 4 | DIN 374 | |
| | | 3.661 | | | | | | .709 | .945 | 5.512 | 1.102 | | | |
| MF 25x1.5 | 1.50 | 93.00 | 18.00 x 14.50 | B | 6H | T200-XM100DB-M25X150 | B110, B145, B150 | 18.0 | 25.00 | 140.0 | 28.0 | 4 | DIN 374 | |
| | | 3.661 | | | | | | .709 | .984 | 5.512 | 1.102 | | | |
| MF 26x1.5 | 1.50 | 93.00 | 18.00 x 14.50 | B | 6H | T200-XM100DB-M26X150 | B110, B145, B150 | 18.0 | 26.00 | 140.0 | 28.0 | 4 | DIN 374 | |
| | | 3.661 | | | | | | .709 | 1.024 | 5.512 | 1.102 | | | |
| MF 27x1.5 | 1.50 | 77.00 | 20.00 x 16.00 | B | 6H | T200-XM100DB-M27X150 | B110, B145, B150 | 20.0 | 27.00 | 140.0 | 28.0 | 4 | DIN 374 | |
| | | 3.032 | | | | | | .787 | 1.063 | 5.512 | 1.102 | | | |
| MF 27x2 | 2.00 | 77.00 | 20.00 x 16.00 | B | 6H | T200-XM100DB-M27X200 | B110, B145, B150 | 20.0 | 27.00 | 140.0 | 28.0 | 4 | DIN 374 | |
| | | 3.032 | | | | | | .787 | 1.063 | 5.512 | 1.102 | | | |
| MF 28x1.5 | 1.50 | 77.00 | 20.00 x 16.00 | B | 6H | T200-XM100DB-M28X150 | B110, B145, B150 | 20.0 | 28.00 | 140.0 | 28.0 | 4 | DIN 374 | |
| | | 3.032 | | | | | | .787 | 1.102 | 5.512 | 1.102 | | | |
| MF 30x1.5 | 1.50 | 86.00 | 22.00 x 18.00 | B | 6H | T200-XM100DB-M30X150 | B110, B145, B150 | 22.0 | 30.00 | 150.0 | 28.0 | 4 | DIN 374 | |
| | | 3.346 | | | | | | .866 | 1.181 | 5.906 | 1.102 | | | |
| MF 30x2 | 2.00 | 86.00 | 22.00 x 18.00 | B | 6H | T200-XM100DB-M30X200 | B110, B145, B150 | 22.0 | 30.00 | 150.0 | 28.0 | 4 | DIN 374 | |
| | | 3.346 | | | | | | .866 | 1.181 | 5.906 | 1.102 | | | |

D

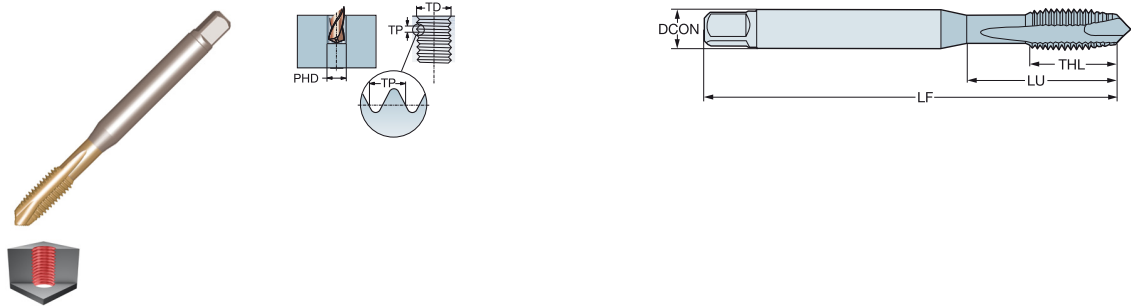
E



CoroTap™ 200, gwintownik ze skośną powierzchnią natarcia

Zarys gwintu: Metryczny drobnzwojny
DIN 374/ANSI

ULDR
SUBSTRATE 2.5
HSS-PM

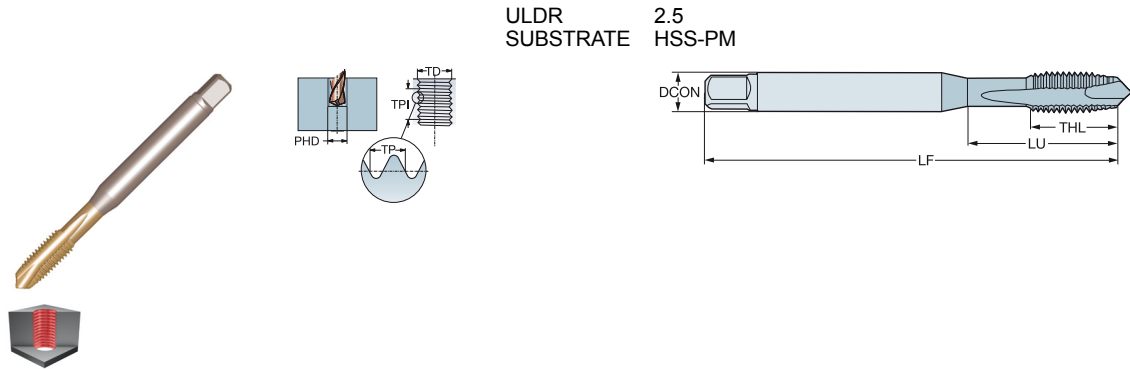


| | | | | | | Wymiary, mm, cal | | | | | | | |
|-----------|------|-------|-------------------|-------|------|----------------------|------------------|------|-------|-------|------|-----|--------------|
| TDZ | TP | LU | CZC _{MS} | THCHT | TCTR | Oznaczenie | GRADE | DCON | TD | LF | THL | NOF | BSG |
| MF 6x1 | 1.00 | 34.00 | .318 x .238 | B | 6H | T200-XM100AB-M8X100 | C110, C145, C150 | 8.1 | 8.00 | 90.0 | 18.7 | 3 | DIN 374/ANSI |
| | | 1.339 | | | | | | .318 | .315 | 3.543 | .736 | | |
| MF 10x1 | 1.00 | 37.50 | .381 x .286 | B | 6H | T200-XM100AB-M10X100 | C110, C145, C150 | 9.7 | 10.00 | 90.0 | 18.0 | 3 | DIN 374/ANSI |
| | | 1.476 | | | | | | .381 | .394 | 3.543 | .709 | | |
| MF 14x1.5 | 1.50 | 70.30 | .429 x .322 | B | 6H | T200-XM101AB-M14X150 | C110, C145, C150 | 10.9 | 14.00 | 100.0 | 21.1 | 3 | DIN 374/ANSI |
| | | 2.768 | | | | | | .429 | .551 | 3.937 | .831 | | |
| MF 18x1.5 | 1.50 | 64.00 | .542 x .406 | B | 6H | T200-XM101AB-M18X150 | C110, C145, C150 | 13.8 | 18.00 | 110.0 | 23.9 | 4 | DIN 374/ANSI |
| | | 2.520 | | | | | | .542 | .709 | 4.331 | .941 | | |



CoroTap™ 200, gwintownik ze skośną powierzchnią natarcia

Zarys gwintu: UNC
DIN 2184-1

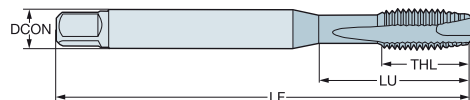
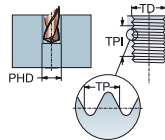


| | | | | | | | | Wymiary, mm, cal | | | | | |
|-------------|-------|--------|-------------------|-------|------|--------------------|------------------|------------------|-------|-------|-------|-----|------------|
| TDZ | TPI | LU | CZC _{MS} | THCHT | TCTR | Oznaczenie | GRADE | DCON | TD | LF | THL | NOF | BSG |
| UNC #4-40 | 40.00 | 18.00 | 3.50 x 2.70 | B | 2B | T200-XM100DE-4-40 | C110, C145, C150 | 3.5 | 2.84 | 56.0 | 8.5 | 3 | DIN 2184-1 |
| | | .709 | | | | | | .138 | .112 | 2.205 | .335 | | |
| UNC #5-40 | 40.00 | 18.00 | 3.50 x 2.70 | B | 2B | T200-XM100DE-5-40 | C110, C145, C150 | 3.5 | 3.18 | 56.0 | 9.5 | 3 | DIN 2184-1 |
| | | .709 | | | | | | .138 | .125 | 2.205 | .374 | | |
| UNC #6-32 | 32.00 | 20.00 | 4.00 x 3.00 | B | 2B | T200-XM100DE-6-32 | C110, C145, C150 | 4.0 | 3.51 | 56.0 | 10.4 | 3 | DIN 2184-1 |
| | | .787 | | | | | | .157 | .138 | 2.205 | .409 | | |
| UNC #8-32 | 32.00 | 21.00 | 4.50 x 3.40 | B | 2B | T200-XM100DE-8-32 | C110, C145, C150 | 4.5 | 4.17 | 63.0 | 11.4 | 3 | DIN 2184-1 |
| | | .827 | | | | | | .177 | .164 | 2.480 | .449 | | |
| UNC #10-24 | 24.00 | 25.00 | 6.00 x 4.90 | B | 2B | T200-XM100DE-10-24 | C110, C145, C150 | 6.0 | 4.83 | 70.0 | 13.0 | 3 | DIN 2184-1 |
| | | .984 | | | | | | .236 | .190 | 2.756 | .512 | | |
| UNC #12-24 | 24.00 | 30.00 | 6.00 x 4.90 | B | 2B | T200-XM100DE-12-24 | C110, C145, C150 | 6.0 | 5.49 | 80.0 | 15.0 | 3 | DIN 2184-1 |
| | | 1.181 | | | | | | .236 | .216 | 3.150 | .591 | | |
| UNC 1/4-20 | 20.00 | 30.00 | 7.00 x 5.50 | B | 2B | T200-XM100DE-1/4 | C110, C145, C150 | 7.0 | 6.35 | 80.0 | 14.1 | 3 | DIN 2184-1 |
| | | 1.181 | | | | | | .276 | .250 | 3.150 | .555 | | |
| UNC 5/16-18 | 18.00 | 35.00 | 8.00 x 6.20 | B | 2B | T200-XM100DE-5/16 | C110, C145, C150 | 8.0 | 7.94 | 90.0 | 17.4 | 3 | DIN 2184-1 |
| | | 1.378 | | | | | | .315 | .313 | 3.543 | .685 | | |
| UNC 3/8-16 | 16.00 | 39.00 | 10.00 x 8.00 | B | 2B | T200-XM100DE-3/8 | C110, C145, C150 | 10.0 | 9.53 | 100.0 | 18.9 | 3 | DIN 2184-1 |
| | | 1.535 | | | | | | .394 | .375 | 3.937 | .744 | | |
| UNC 7/16-14 | 14.00 | 76.00 | 8.00 x 6.20 | B | 2B | T200-XM101DE-7/16 | C110, C145, C150 | 8.0 | 11.11 | 100.0 | 20.0 | 3 | DIN 2184-1 |
| | | 2.992 | | | | | | .315 | .438 | 3.937 | .787 | | |
| UNC 1/2-13 | 13.00 | 83.00 | 9.00 x 7.00 | B | 2B | T200-XM101DE-1/2 | C110, C145, C150 | 9.0 | 12.70 | 110.0 | 23.0 | 3 | DIN 2184-1 |
| | | 3.268 | | | | | | .354 | .500 | 4.331 | .906 | | |
| UNC 5/8-11 | 11.00 | 68.00 | 12.00 x 9.00 | B | 2B | T200-XM101DE-5/8 | C110, C145, C150 | 12.0 | 15.88 | 110.0 | 25.0 | 3 | DIN 2184-1 |
| | | 2.677 | | | | | | .472 | .625 | 4.331 | .984 | | |
| UNC 3/4-10 | 10.00 | 81.00 | 14.00 x 11.00 | B | 2B | T200-XM101DE-3/4 | B110, B145, B150 | 14.0 | 19.05 | 125.0 | 30.0 | 4 | DIN 2184-1 |
| | | 3.189 | | | | | | .551 | .750 | 4.921 | 1.181 | | |
| UNC 7/8-9 | 9.00 | 93.00 | 18.00 x 14.50 | B | 2B | T200-XM101DE-7/8 | B110, B145, B150 | 18.0 | 22.23 | 140.0 | 34.0 | 4 | DIN 2184-1 |
| | | 3.661 | | | | | | .709 | .875 | 5.512 | 1.339 | | |
| UNC 1"-8 | 8.00 | 113.00 | 18.00 x 14.50 | B | 2B | T200-XM101DE-1 | B110, B145, B150 | 18.0 | 25.40 | 160.0 | 38.0 | 4 | DIN 2184-1 |
| | | 4.449 | | | | | | .709 | 1.000 | 6.299 | 1.496 | | |

CoroTap™ 200, gwintownik ze skośną powierzchnią natarcia

Zarys gwintu: UNC

DIN 2184-1/ANSI

 ULDR
SUBSTRATE 2.5
HSS-PM


| | | | | | | Wymiary, mm, cal | | | | | | | |
|-------------|-------|-------|-------------------|-------|------|--------------------|------------------|------|-------|-------|-------|-----|-----------------|
| TDZ | TPI | LU | CZC _{MS} | THCHT | TCTR | Oznaczenie | GRADE | DCON | TD | LF | THL | NOF | BSG |
| UNC #2-56 | 56.00 | 11.99 | .141 x .110 | B | 3BX | T200-XM100AE-2-56 | C110, C145, C150 | 3.6 | 2.18 | 45.0 | 7.0 | 2 | DIN 2184-1/ANSI |
| | | .472 | | | | | | .141 | .086 | 1.772 | .276 | | |
| UNC #4-40 | 40.00 | 17.00 | .141 x .110 | B | 3BX | T200-XM100AE-4-40 | C110, C145, C150 | 3.6 | 2.84 | 56.0 | 9.5 | 3 | DIN 2184-1/ANSI |
| | | .669 | | | | | | .141 | .112 | 2.205 | .374 | | |
| UNC #5-40 | 40.00 | 17.50 | .141 x .110 | B | 3BX | T200-XM100AE-5-40 | C110, C145, C150 | 3.6 | 3.51 | 56.0 | 8.9 | 3 | DIN 2184-1/ANSI |
| | | .689 | | | | | | .141 | .138 | 2.205 | .350 | | |
| UNC #6-32 | 32.00 | 20.50 | .141 x .110 | B | 3BX | T200-XM100AE-6-32 | C110, C145, C150 | 3.6 | 3.51 | 56.0 | 11.6 | 3 | DIN 2184-1/ANSI |
| | | .807 | | | | | | .141 | .138 | 2.205 | .457 | | |
| UNC #8-32 | 32.00 | 21.50 | .168 x .131 | B | 3BX | T200-XM100AE-8-32 | C110, C145, C150 | 4.3 | 4.17 | 63.0 | 13.6 | 3 | DIN 2184-1/ANSI |
| | | .846 | | | | | | .168 | .164 | 2.480 | .535 | | |
| UNC #10-24 | 24.00 | 28.00 | .194 x .152 | B | 3BX | T200-XM100AE-10-24 | C110, C145, C150 | 4.9 | 4.83 | 70.0 | 14.8 | 3 | DIN 2184-1/ANSI |
| | | 1.102 | | | | | | .194 | .190 | 2.756 | .583 | | |
| UNC #12-24 | 24.00 | 29.00 | .220 x .165 | B | 3BX | T200-XM100AE-12-24 | C110, C145, C150 | 5.6 | 5.49 | 80.0 | 14.0 | 3 | DIN 2184-1/ANSI |
| | | 1.142 | | | | | | .220 | .216 | 3.150 | .551 | | |
| UNC 1/4-20 | 20.00 | 25.00 | .255 x .191 | B | 3BX | T200-XM100AE-1/4 | C110, C145, C150 | 6.5 | 6.35 | 80.0 | 15.9 | 3 | DIN 2184-1/ANSI |
| | | .984 | | | | | | .255 | .250 | 3.150 | .626 | | |
| UNC 5/16-18 | 18.00 | 34.00 | .318 x .238 | B | 3BX | T200-XM100AE-5/16 | C110, C145, C150 | 8.1 | 7.94 | 90.0 | 19.0 | 3 | DIN 2184-1/ANSI |
| | | 1.339 | | | | | | .318 | .313 | 3.543 | .748 | | |
| UNC 3/8-16 | 16.00 | 38.50 | .381 x .286 | B | 3BX | T200-XM100AE-3/8 | C110, C145, C150 | 9.7 | 9.53 | 100.0 | 21.3 | 3 | DIN 2184-1/ANSI |
| | | 1.516 | | | | | | .381 | .375 | 3.937 | .839 | | |
| UNC 7/16-14 | 14.00 | 72.59 | .323 x .242 | B | 3BX | T200-XM101AE-7/16 | C110, C145, C150 | 8.2 | 11.11 | 100.0 | 20.1 | 3 | DIN 2184-1/ANSI |
| | | 2.858 | | | | | | .323 | .438 | 3.937 | .791 | | |
| UNC 1/2-13 | 13.00 | 81.82 | .367 x .275 | B | 3BX | T200-XM101AE-1/2 | C110, C145, C150 | 9.3 | 12.70 | 110.0 | 23.1 | 3 | DIN 2184-1/ANSI |
| | | 3.221 | | | | | | .367 | .500 | 4.331 | .909 | | |
| UNC 9/16-12 | 12.00 | 80.30 | .429 x .322 | B | 3BX | T200-XM101AE-9/16 | C110, C145, C150 | 10.9 | 14.29 | 110.0 | 23.1 | 3 | DIN 2184-1/ANSI |
| | | 3.161 | | | | | | .429 | .563 | 4.331 | .909 | | |
| UNC 5/8-11 | 11.00 | 65.78 | .480 x .360 | B | 3BX | T200-XM101AE-5/8 | C110, C145, C150 | 12.2 | 15.88 | 110.0 | 23.1 | 3 | DIN 2184-1/ANSI |
| | | 2.590 | | | | | | .480 | .625 | 4.331 | .909 | | |
| UNC 3/4-10 | 10.00 | 77.47 | .590 x .442 | B | 3BX | T200-XM101AE-3/4 | C110, C145, C150 | 15.0 | 19.05 | 125.0 | 30.0 | 4 | DIN 2184-1/ANSI |
| | | 3.050 | | | | | | .590 | .750 | 4.921 | 1.181 | | |
| UNC 7/8-9 | 9.00 | 90.95 | .697 x .523 | B | 3BX | T200-XM101AE-7/8 | C110, C145, C150 | 17.7 | 22.23 | 140.0 | 34.0 | 4 | DIN 2184-1/ANSI |
| | | 3.581 | | | | | | .697 | .875 | 5.512 | 1.339 | | |
| UNC 1"-8 | 8.00 | 95.43 | .800 x .600 | B | 3BX | T200-XM101AE-1 | C110, C145, C150 | 20.3 | 25.40 | 160.0 | 36.1 | 4 | DIN 2184-1/ANSI |
| | | 3.757 | | | | | | .800 | 1.000 | 6.299 | 1.421 | | |

B

C

D

E



E28



E41



E45



E36



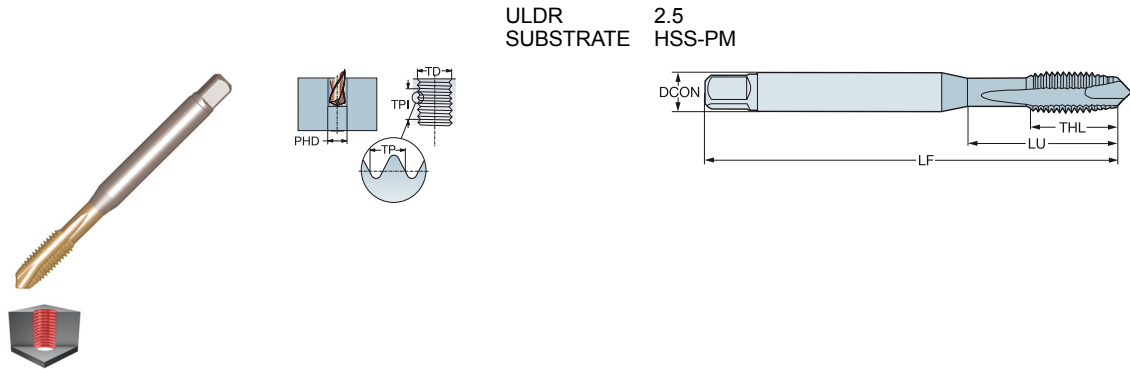
E59



E38

CoroTap™ 200, gwintownik ze skośną powierzchnią natarcia

Zarys gwintu: UNF
DIN 2184-1

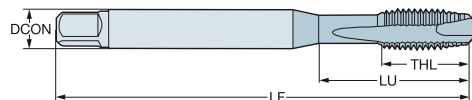
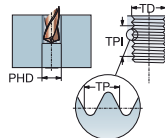


| | | | | | | | | Wymiary, mm, cal/e | | | | | | |
|-------------|-------|--------|-------------------|-------|------|--------------------|------------------|--------------------|-------|-------|-------|-----|------------|--|
| TDZ | TPI | LU | CZC _{MS} | THCHT | TCTR | Oznaczenie | GRADE | DCON | TD | LF | THL | NOF | BSG | |
| UNF #8-36 | 36.00 | 21.00 | 4.50 x 3.40 | B | 2B | T200-XM100DF-8-36 | C110, C145, C150 | 4.5 | 4.17 | 63.0 | 11.4 | 3 | DIN 2184-1 | |
| | | .827 | | | | | | .177 | .164 | 2.480 | .449 | | | |
| UNF #10-32 | 32.00 | 25.00 | 6.00 x 4.90 | B | 2B | T200-XM100DF-10-32 | C110, C145, C150 | 6.0 | 4.83 | 70.0 | 12.2 | 3 | DIN 2184-1 | |
| | | .984 | | | | | | .236 | .190 | 2.756 | .480 | | | |
| UNF 1/4-28 | 28.00 | 30.00 | 7.00 x 5.50 | B | 2B | T200-XM100DF-1/4 | C110, C145, C150 | 7.0 | 6.35 | 80.0 | 14.1 | 3 | DIN 2184-1 | |
| | | 1.181 | | | | | | .276 | .250 | 3.150 | .555 | | | |
| UNF 5/16-24 | 24.00 | 35.00 | 8.00 x 6.20 | B | 2B | T200-XM100DF-5/16 | C110, C145, C150 | 8.0 | 7.94 | 90.0 | 17.4 | 3 | DIN 2184-1 | |
| | | 1.378 | | | | | | .315 | .313 | 3.543 | .685 | | | |
| UNF 3/8-24 | 24.00 | 39.00 | 10.00 x 8.00 | B | 2B | T200-XM100DF-3/8 | C110, C145, C150 | 10.0 | 9.53 | 100.0 | 18.9 | 3 | DIN 2184-1 | |
| | | 1.535 | | | | | | .394 | .375 | 3.937 | .744 | | | |
| UNF 7/16-20 | 20.00 | 76.00 | 8.00 x 6.20 | B | 2B | T200-XM101DF-7/16 | C110, C145, C150 | 8.0 | 11.11 | 100.0 | 20.0 | 3 | DIN 2184-1 | |
| | | 2.992 | | | | | | .315 | .438 | 3.937 | .787 | | | |
| UNF 1/2-20 | 20.00 | 83.00 | 9.00 x 7.00 | B | 2B | T200-XM101DF-1/2 | C110, C145, C150 | 9.0 | 12.70 | 110.0 | 23.0 | 3 | DIN 2184-1 | |
| | | 3.268 | | | | | | .354 | .500 | 4.331 | .906 | | | |
| UNF 5/8-18 | 18.00 | 68.00 | 12.00 x 9.00 | B | 2B | T200-XM101DF-5/8 | C110, C145, C150 | 12.0 | 15.88 | 110.0 | 25.0 | 3 | DIN 2184-1 | |
| | | 2.677 | | | | | | .472 | .625 | 4.331 | .984 | | | |
| UNF 3/4-16 | 16.00 | 81.00 | 14.00 x 11.00 | B | 2B | T200-XM101DF-3/4 | B110, B145, B150 | 14.0 | 19.05 | 125.0 | 30.0 | 4 | DIN 2184-1 | |
| | | 3.189 | | | | | | .551 | .750 | 4.921 | 1.181 | | | |
| UNF 7/8-14 | 14.00 | 93.00 | 18.00 x 14.50 | B | 2B | T200-XM101DF-7/8 | B110, B145, B150 | 18.0 | 22.23 | 140.0 | 34.0 | 4 | DIN 2184-1 | |
| | | 3.661 | | | | | | .709 | .875 | 5.512 | 1.339 | | | |
| UNF 1"-12 | 12.00 | 113.00 | 18.00 x 14.50 | B | 2B | T200-XM101DF-1 | B110, B145, B150 | 18.0 | 25.40 | 160.0 | 38.0 | 4 | DIN 2184-1 | |
| | | 4.449 | | | | | | .709 | 1.000 | 6.299 | 1.496 | | | |

CoroTap™ 200, gwintownik ze skośną powierzchnią natarcia

Zarys gwintu: UNF

DIN 2184-1/ANSI

ULDR
SUBSTRATE 2.5
HSS-PM

| | | | | | | | | Wymiary, mm, cale | | | | | |
|-------------|-------|-------|-------------------|-------|------|--------------------|------------------|-------------------|-------|-------|-------|-----|-----------------|
| TDZ | TPI | LU | CZC _{MS} | THCHT | TCTR | Oznaczenie | GRADE | DCON | TD | LF | THL | NOF | BSG |
| UNF #4-48 | 48.00 | 17.00 | .141 x .110 | B | 3BX | T200-XM100AF-4-48 | C110, C145, C150 | 3.6 | 2.84 | 56.0 | 9.4 | 3 | DIN 2184-1/ANSI |
| | | .669 | | | | | | .141 | .112 | 2.205 | .370 | | |
| UNF #6-40 | 40.00 | 20.50 | .141 x .110 | B | 3BX | T200-XM100AF-6-40 | C110, C145, C150 | 3.6 | 3.51 | 56.0 | 11.5 | 3 | DIN 2184-1/ANSI |
| | | .807 | | | | | | .141 | .138 | 2.205 | .453 | | |
| UNF #8-36 | 36.00 | 21.50 | .168 x .131 | B | 3BX | T200-XM100AF-8-36 | C110, C145, C150 | 4.3 | 4.17 | 63.0 | 13.5 | 3 | DIN 2184-1/ANSI |
| | | .846 | | | | | | .168 | .164 | 2.480 | .531 | | |
| UNF #10-32 | 32.00 | 28.00 | .194 x .152 | B | 3BX | T200-XM100AF-10-32 | C110, C145, C150 | 4.9 | 4.83 | 70.0 | 14.7 | 3 | DIN 2184-1/ANSI |
| | | 1.102 | | | | | | .194 | .190 | 2.756 | .579 | | |
| UNF #12-28 | 28.00 | 29.00 | .220 x .165 | B | 3BX | T200-XM100AF-12-28 | C110, C145, C150 | 5.6 | 5.49 | 80.0 | 14.0 | 3 | DIN 2184-1/ANSI |
| | | 1.142 | | | | | | .220 | .216 | 3.150 | .551 | | |
| UNF 1/4-28 | 28.00 | 25.00 | .255 x .191 | B | 3BX | T200-XM100AF-1/4 | C110, C145, C150 | 6.5 | 6.35 | 80.0 | 15.7 | 3 | DIN 2184-1/ANSI |
| | | .984 | | | | | | .255 | .250 | 3.150 | .618 | | |
| UNF 5/16-24 | 24.00 | 34.00 | .318 x .238 | B | 3BX | T200-XM100AF-5/16 | C110, C145, C150 | 8.1 | 7.94 | 90.0 | 18.8 | 3 | DIN 2184-1/ANSI |
| | | 1.339 | | | | | | .318 | .313 | 3.543 | .740 | | |
| UNF 3/8-24 | 24.00 | 37.50 | .381 x .286 | B | 3BX | T200-XM100AF-3/8 | C110, C145, C150 | 9.7 | 9.53 | 90.0 | 20.1 | 3 | DIN 2184-1/ANSI |
| | | 1.476 | | | | | | .381 | .375 | 3.543 | .791 | | |
| UNF 7/16-20 | 20.00 | 72.59 | .323 x .242 | B | 3BX | T200-XM101AF-7/16 | C110, C145, C150 | 8.2 | 11.11 | 100.0 | 20.1 | 3 | DIN 2184-1/ANSI |
| | | 2.858 | | | | | | .323 | .438 | 3.937 | .791 | | |
| UNF 1/2-20 | 20.00 | 71.82 | .367 x .275 | B | 3BX | T200-XM101AF-1/2 | C110, C145, C150 | 9.3 | 12.70 | 100.0 | 21.1 | 3 | DIN 2184-1/ANSI |
| | | 2.828 | | | | | | .367 | .500 | 3.937 | .831 | | |
| UNF 9/16-18 | 18.00 | 70.30 | .429 x .322 | B | 3BX | T200-XM101AF-9/16 | C110, C145, C150 | 10.9 | 14.29 | 100.0 | 21.1 | 3 | DIN 2184-1/ANSI |
| | | 2.768 | | | | | | .429 | .563 | 3.937 | .831 | | |
| UNF 5/8-18 | 18.00 | 55.78 | .480 x .360 | B | 3BX | T200-XM101AF-5/8 | C110, C145, C150 | 12.2 | 15.88 | 100.0 | 21.1 | 3 | DIN 2184-1/ANSI |
| | | 2.196 | | | | | | .480 | .625 | 3.937 | .831 | | |
| UNF 3/4-16 | 16.00 | 62.47 | .590 x .442 | B | 3BX | T200-XM101AF-3/4 | C110, C145, C150 | 15.0 | 19.05 | 110.0 | 23.9 | 4 | DIN 2184-1/ANSI |
| | | 2.459 | | | | | | .590 | .750 | 4.331 | .941 | | |
| UNF 7/8-14 | 14.00 | 75.95 | .697 x .523 | B | 3BX | T200-XM101AF-7/8 | C110, C145, C150 | 17.7 | 22.23 | 125.0 | 23.9 | 4 | DIN 2184-1/ANSI |
| | | 2.990 | | | | | | .697 | .875 | 4.921 | .941 | | |
| UNF 1"-12 | 12.00 | 75.43 | .800 x .600 | B | 3BX | T200-XM101AF-1-12 | C110, C145, C150 | 20.3 | 25.40 | 140.0 | 26.9 | 4 | DIN 2184-1/ANSI |
| | | 2.970 | | | | | | .800 | 1.000 | 5.512 | 1.059 | | |

B

C

D

E



E28



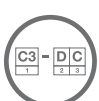
E41



E45



E36



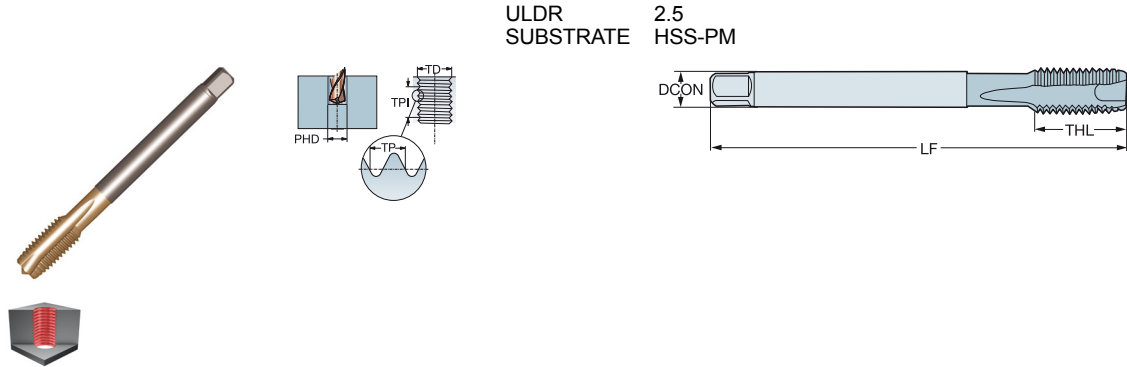
E59



E38

CoroTap™ 200, gwintownik ze skośną powierzchnią natarcia

Zarys gwintu: G
DIN 5156



| | | | | | | | | Wymiary, mm, cal/e | | | | | |
|----------|-------|-------|-------------------|-------|--------|------------------|------------------|--------------------|-------|-------|-------|-----|----------|
| TDZ | TPI | LU | CZC _{MS} | THCHT | TCTR | Oznaczenie | GRADE | DCON | TD | LF | THL | NOF | BSG |
| G 1/8-28 | 28.00 | 67.00 | 7.00 x 5.50 | B | NORMAL | T200-XM100DK-1/8 | C110, C145, C150 | 7.0 | 9.73 | 90.0 | 18.0 | 3 | DIN 5156 |
| | | 2.638 | | | | | | .276 | .383 | 3.543 | .709 | | |
| G 1/4-19 | 19.00 | 71.00 | 11.00 x 9.00 | B | NORMAL | T200-XM100DK-1/4 | C110, C145, C150 | 11.0 | 13.16 | 100.0 | 21.0 | 3 | DIN 5156 |
| | | 2.795 | | | | | | .433 | .518 | 3.937 | .827 | | |
| G 3/8-19 | 19.00 | 58.00 | 12.00 x 9.00 | B | NORMAL | T200-XM100DK-3/8 | C110, C145, C150 | 12.0 | 16.66 | 100.0 | 21.0 | 4 | DIN 5156 |
| | | 2.283 | | | | | | .472 | .656 | 3.937 | .827 | | |
| G 1/2-14 | 14.00 | 80.00 | 16.00 x 12.00 | B | NORMAL | T200-XM100DK-1/2 | B110, B145, B150 | 16.0 | 20.96 | 125.0 | 24.0 | 4 | DIN 5156 |
| | | 3.150 | | | | | | .630 | .825 | 4.921 | .945 | | |
| G 5/8-14 | 14.00 | 78.00 | 18.00 x 14.50 | B | NORMAL | T200-XM100DK-5/8 | B110, B145, B150 | 18.0 | 22.91 | 125.0 | 24.0 | 4 | DIN 5156 |
| | | 3.071 | | | | | | .709 | .902 | 4.921 | .945 | | |
| G 3/4-14 | 14.00 | 77.00 | 20.00 x 16.00 | B | NORMAL | T200-XM100DK-3/4 | B110, B145, B150 | 20.0 | 26.44 | 140.0 | 28.0 | 4 | DIN 5156 |
| | | 3.032 | | | | | | .787 | 1.041 | 5.512 | 1.102 | | |
| G 7/8-14 | 14.00 | 85.00 | 22.00 x 18.00 | B | NORMAL | T200-XM100DK-7/8 | B110, B145, B150 | 22.0 | 30.20 | 150.0 | 28.0 | 4 | DIN 5156 |
| | | 3.346 | | | | | | .866 | 1.189 | 5.906 | 1.102 | | |
| G 1"-11 | 11.00 | 93.00 | 25.00 x 20.00 | B | NORMAL | T200-XM100DK-1 | B110, B145, B150 | 25.0 | 33.25 | 160.0 | 30.0 | 4 | DIN 5156 |
| | | 3.661 | | | | | | .984 | 1.309 | 6.299 | 1.181 | | |

E28

E41

E45

E36

E59

E38

CoroTap™ 300

Zastosowania

- Odpowiednie do otworów nieprzelotowych
- Modele do różnych zarysów i odpowiadające różnym normom
- Głębokość gwintowania do 3-krotności średnicy

Obszar stosowania wg ISO:



Cechy i korzyści

- Śrubowe rowki wiórowe zapewniają stały kąt natarcia i stabilny przebieg obróbki
- Zbieżność wsteczna w gwintownikach z dużym kątem pochylenia linii śrubowej zmniejsza moment obrotowy i ryzyko wykruszenia krawędzi
- Duży kąt pochylenia linii śrubowej gwintowników sprzyja sprawnemu odprowadzaniu wiórów i umożliwia wykonywanie gwintów w otworach nieprzelotowych, których głębokość nawet 3-krotnie przekracza średnicę
- Gwintowniki z małym kątem pochylenia linii śrubowej odznaczają się mocnymi krawędziami oraz ze względu na krótkie wióry są odpowiednie do gwintowania trudnych materiałów i otworów nieprzelotowych
- Gwintowniki z szybko tnącej stali proszkowej: mocniejsze, trwalsze i bardziej odporne na zużycie
- Gwintowniki węglukowe to narzędzia o dużej produktywności i wysokiej trwałości
- Gwintownik z rowkami wiórowymi śrubowymi, szlifowany
- Śrubowy rowek odprowadza wióry z otworu
- Stanowi najlepsze rozwiązanie do gwintowania otworów nieprzelotowych
- Występuje z różnym kątem pochylenia linii śrubowej w zależności od zastosowania
- Rowki służą do podawania cieczy obróbkowej i odprowadzania wiórów
- Nacina różne głębokości gwintów, w zależności od zastosowania i geometrii



Narzędzia niestandardowe, patrz strona E36

www.sandvik.coromant.com/corotap300



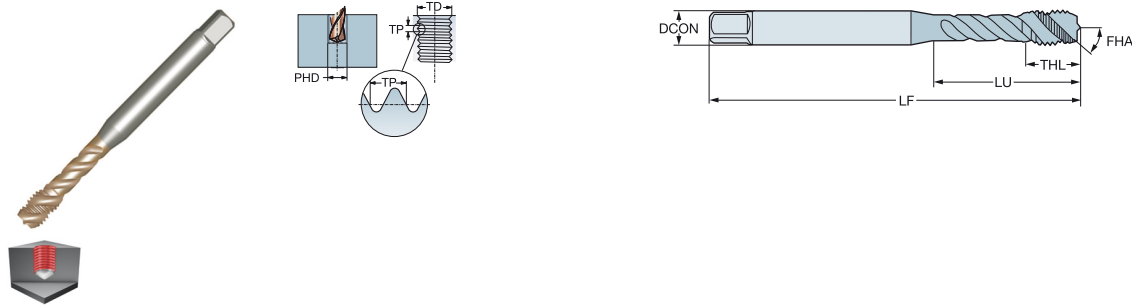
CoroChuck™ 970, patrz katalog Narzędzia obrotowe.

CoroTap™ 300, gwintownik ze śrubowymi rowkami wiórowymi

Zarys gwintu: Metryczny
DIN 371, DIN 376

ULDR
FHA
SUBSTRATE

2.5
45°
HSS-PM



| | | | | | | | | Wymiary, mm, cale | | | | | |
|-------|------|-----------------|-------------------|-------|------|-------------------|------------------|-------------------|----------------|----------------|---------------|-----|---------|
| TDZ | TP | LU | CZC _{MS} | THCHT | TCTR | Oznaczenie | GRADE | DCON | TD | LF | THL | NOF | BSG |
| M 2 | 0.40 | 9.00 .354 | 2.80 x 2.10 | C | 6H | T300-XM100DA-M2 | C110, C145, C150 | 2.8 .110 | 2.00 .079 | 45.0 1.772 | 4.0 .157 | 3 | DIN 371 |
| M 2.5 | 0.45 | 12.50 .492 | 2.80 x 2.10 | C | 6H | T300-XM100DA-M2.5 | C110, C145, C150 | 2.8 .110 | 2.50 .098 | 50.0 1.969 | 4.0 .157 | 3 | DIN 371 |
| M 3 | 0.50 | 18.00 .709 | 3.50 x 2.70 | C | 6H | T300-XM100DA-M3 | C110, C145, C150 | 3.5 .138 | 3.00 .118 | 56.0 2.205 | 5.9 .232 | 3 | DIN 371 |
| M 3.5 | 0.60 | 20.00 .787 | 4.00 x 3.00 | C | 6H | T300-XM100DA-M3.5 | C110, C145, C150 | 4.0 .157 | 3.50 .138 | 56.0 2.205 | 6.3 .248 | 3 | DIN 371 |
| M 4 | 0.70 | 21.00 .827 | 4.50 x 3.40 | C | 6H | T300-XM100DA-M4 | C110, C145, C150 | 4.5 .177 | 4.00 .157 | 63.0 2.480 | 6.7 .264 | 3 | DIN 371 |
| M 5 | 0.80 | 21.00 .827 | 6.00 x 4.90 | C | 6H | T300-XM100DA-M5 | C110, C145, C150 | 6.0 .236 | 5.00 .197 | 70.0 2.756 | 7.7 .303 | 3 | DIN 371 |
| M 6 | 1.00 | 31.00 1.220 | 6.00 x 4.90 | C | 6H | T300-XM100DA-M6 | C110, C145, C150 | 6.0 .236 | 6.00 .236 | 80.0 3.150 | 10.0 .394 | 3 | DIN 371 |
| M 7 | 1.00 | 31.00 1.220 | 7.00 x 5.50 | C | 6H | T300-XM100DA-M7 | C110, C145, C150 | 7.0 .276 | 7.00 .276 | 80.0 3.150 | 10.0 .394 | 3 | DIN 371 |
| M 8 | 1.25 | 35.00 1.378 | 8.00 x 6.20 | C | 6H | T300-XM100DA-M8 | C110, C145, C150 | 8.0 .315 | 8.00 .315 | 90.0 3.543 | 11.6 .457 | 3 | DIN 371 |
| M 10 | 1.50 | 39.00 1.535 | 10.00 x 8.00 | C | 6H | T300-XM100DA-M10 | C110, C145, C150 | 10.0 .394 | 10.00 .394 | 100.0 3.937 | 15.1 .594 | 3 | DIN 371 |
| M 6 | 1.00 | 59.00 2.323 | 4.50 x 3.40 | C | 6H | T300-XM101DA-M6 | C110, C145, C150 | 4.5 .177 | 6.00 .236 | 80.0 3.150 | 10.0 .394 | 3 | DIN 376 |
| M 8 | 1.25 | 67.00 2.638 | 6.00 x 4.90 | C | 6H | T300-XM101DA-M8 | C110, C145, C150 | 6.0 .236 | 8.00 .315 | 90.0 3.543 | 12.0 .472 | 3 | DIN 376 |
| M 10 | 1.50 | 77.00 3.032 | 7.00 x 5.50 | C | 6H | T300-XM101DA-M10 | C110, C145, C150 | 7.0 .276 | 10.00 .394 | 100.0 3.937 | 15.0 .591 | 3 | DIN 376 |
| M 12 | 1.75 | 83.00 3.268 | 9.00 x 7.00 | C | 6H | T300-XM101DA-M12 | C110, C145, C150 | 9.0 .354 | 12.00 .472 | 110.0 4.331 | 16.0 .630 | 3 | DIN 376 |
| M 14 | 2.00 | 81.00 3.189 | 11.00 x 9.00 | C | 6H | T300-XM101DA-M14 | C110, C145, C150 | 11.0 .433 | 14.00 .551 | 110.0 4.331 | 20.0 .787 | 3 | DIN 376 |
| M 16 | 2.00 | 68.00 2.677 | 12.00 x 9.00 | C | 6H | T300-XM101DA-M16 | C110, C145, C150 | 12.0 .472 | 16.00 .630 | 110.0 4.331 | 20.0 .787 | 4 | DIN 376 |
| M 18 | 2.50 | 81.00 3.189 | 14.00 x 11.00 | C | 6H | T300-XM101DA-M18 | B110, B145, B150 | 14.0 .551 | 18.00 .709 | 125.0 4.921 | 25.0 .984 | 4 | DIN 376 |
| M 20 | 2.50 | 95.00 3.740 | 16.00 x 12.00 | C | 6H | T300-XM101DA-M20 | B110, B145, B150 | 16.0 .630 | 20.00 .787 | 140.0 5.512 | 25.0 .984 | 4 | DIN 376 |
| M 22 | 2.50 | 93.00 3.661 | 18.00 x 14.50 | C | 6H | T300-XM101DA-M22 | B110, B145, B150 | 18.0 .709 | 22.00 .866 | 140.0 5.512 | 25.0 .984 | 4 | DIN 376 |
| M 24 | 3.00 | 113.00 4.449 | 18.00 x 14.50 | C | 6H | T300-XM101DA-M24 | B110, B145, B150 | 18.0 .709 | 24.00 .945 | 160.0 6.299 | 30.0 1.181 | 4 | DIN 376 |
| M 27 | 3.00 | 97.00 3.819 | 20.00 x 16.00 | C | 6H | T300-XM101DA-M27 | B110, B145, B150 | 20.0 .787 | 27.00 1.063 | 160.0 6.299 | 30.0 1.181 | 4 | DIN 376 |
| M 30 | 3.50 | 115.00 4.528 | 22.00 x 18.00 | C | 6H | T300-XM101DA-M30 | B110, B145, B150 | 22.0 .866 | 30.00 1.181 | 180.0 7.087 | 36.0 1.417 | 4 | DIN 376 |
| M 33 | 3.50 | 113.00 4.449 | 25.00 x 20.00 | C | 6H | T300-XM101DA-M33 | B110, B145, B150 | 25.0 .984 | 33.00 1.299 | 180.0 7.087 | 36.0 1.417 | 4 | DIN 376 |
| M 36 | 4.00 | 131.00 5.157 | 28.00 x 22.00 | C | 6H | T300-XM101DA-M36 | B110, B145, B150 | 28.0 1.102 | 36.00 1.417 | 200.0 7.874 | 40.0 1.575 | 4 | DIN 376 |
| M 39 | 4.00 | 102.00 4.016 | 32.00 x 24.00 | C | 6H | T300-XM101DA-M39 | B145, B150 | 32.0 1.260 | 39.00 1.535 | 200.0 7.874 | 40.0 1.575 | 4 | DIN 376 |



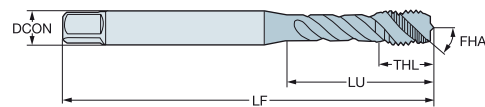
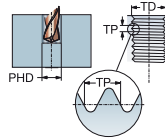
CoroTap™ 300, gwintownik ze śrubowymi rowkami wiórowymi

Zarys gwintu: Metryczny

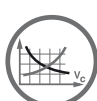
DIN 371, DIN 376

ULDR
FHA
SUBSTRATE

2.5
45°
HSS-PM



| | | | | | | | Wymiary, mm, cale | | | | | | |
|------|------|--------|-------------------|-------|------|------------------|-------------------|-------|-------|--------|-------|-----|---------|
| TDZ | TP | LU | CZC _{MS} | THCHT | TCTR | Oznaczenie | GRADE | DCON | TD | LF | THL | NOF | BSG |
| M 42 | 4.50 | 102.00 | 32.00 x 24.00 | C | 6H | T300-XM101DA-M42 | B145, B150 | 32.0 | 42.00 | 200.0 | 45.0 | 4 | DIN 376 |
| | | 4.016 | | | | | | 1.260 | 1.654 | 7.874 | 1.772 | | |
| M 48 | 5.00 | 147.00 | 36.00 x 29.00 | C | 6H | T300-XM101DA-M48 | B145, B150 | 36.0 | 48.00 | 250.0 | 50.0 | 4 | DIN 376 |
| | | 5.787 | | | | | | 1.417 | 1.890 | 9.843 | 1.969 | | |
| M 52 | 5.00 | 120.00 | 40.00 x 32.00 | C | 6H | T300-XM101DA-M52 | B145, B150 | 40.0 | 52.00 | 250.0 | 50.0 | 5 | DIN 376 |
| | | 4.724 | | | | | | 1.575 | 2.047 | 9.843 | 1.969 | | |
| M 56 | 5.50 | 120.00 | 40.00 x 32.00 | C | 6H | T300-XM101DA-M56 | B145, B150 | 40.0 | 56.00 | 250.0 | 55.0 | 5 | DIN 376 |
| | | 4.724 | | | | | | 1.575 | 2.205 | 9.843 | 2.165 | | |
| M 64 | 6.00 | 178.00 | 50.00 x 39.00 | C | 6H | T300-XM101DA-M64 | B145, B150 | 50.0 | 64.00 | 315.0 | 60.0 | 6 | DIN 376 |
| | | 7.008 | | | | | | 1.969 | 2.520 | 12.402 | 2.362 | | |
| M 3 | 0.50 | 18.00 | 3.50 x 2.70 | E | 6H | T300-XM102DA-M3 | C110, C145, C150 | 3.5 | 3.00 | 56.0 | 5.9 | 3 | DIN 371 |
| | | .709 | | | | | | .138 | .118 | 2.205 | .232 | | |
| M 4 | 0.70 | 21.00 | 4.50 x 3.40 | E | 6H | T300-XM102DA-M4 | C110, C145, C150 | 4.5 | 4.00 | 63.0 | 6.7 | 3 | DIN 371 |
| | | .827 | | | | | | .177 | .157 | 2.480 | .264 | | |
| M 5 | 0.80 | 21.00 | 6.00 x 4.90 | E | 6H | T300-XM102DA-M5 | C110, C145, C150 | 6.0 | 5.00 | 70.0 | 7.7 | 3 | DIN 371 |
| | | .827 | | | | | | .236 | .197 | 2.756 | .303 | | |
| M 6 | 1.00 | 31.00 | 6.00 x 4.90 | E | 6H | T300-XM102DA-M6 | C110, C145, C150 | 6.0 | 6.00 | 80.0 | 10.0 | 3 | DIN 371 |
| | | 1.220 | | | | | | .236 | .236 | 3.150 | .394 | | |
| M 8 | 1.25 | 35.00 | 8.00 x 6.20 | E | 6H | T300-XM102DA-M8 | C110, C145, C150 | 8.0 | 8.00 | 90.0 | 11.6 | 3 | DIN 371 |
| | | 1.378 | | | | | | .315 | .315 | 3.543 | .457 | | |
| M 10 | 1.50 | 39.00 | 10.00 x 8.00 | E | 6H | T300-XM102DA-M10 | C110, C145, C150 | 10.0 | 10.00 | 100.0 | 15.1 | 3 | DIN 371 |
| | | 1.535 | | | | | | .394 | .394 | 3.937 | .594 | | |
| M 12 | 1.75 | 83.00 | 9.00 x 7.00 | E | 6H | T300-XM103DA-M12 | C110, C145, C150 | 9.0 | 12.00 | 110.0 | 16.0 | 3 | DIN 376 |
| | | 3.268 | | | | | | .354 | .472 | 4.331 | .630 | | |
| M 14 | 2.00 | 81.00 | 11.00 x 9.00 | E | 6H | T300-XM103DA-M14 | C110, C145, C150 | 11.0 | 14.00 | 110.0 | 20.0 | 3 | DIN 376 |
| | | 3.189 | | | | | | .433 | .551 | 4.331 | .787 | | |
| M 16 | 2.00 | 68.00 | 12.00 x 9.00 | E | 6H | T300-XM103DA-M16 | C110, C145, C150 | 12.0 | 16.00 | 110.0 | 20.0 | 4 | DIN 376 |
| | | 2.677 | | | | | | .472 | .630 | 4.331 | .787 | | |
| M 20 | 2.50 | 95.00 | 16.00 x 12.00 | E | 6H | T300-XM103DA-M20 | B110, B145, B150 | 16.0 | 20.00 | 140.0 | 25.0 | 4 | DIN 376 |
| | | 3.740 | | | | | | .630 | .787 | 5.512 | .984 | | |
| M 3 | 0.50 | 18.00 | 3.50 x 2.70 | C | 6G | T300-XM104DA-M3 | C110, C145, C150 | 3.5 | 3.00 | 56.0 | 5.9 | 3 | DIN 371 |
| | | .709 | | | | | | .138 | .118 | 2.205 | .232 | | |
| M 4 | 0.70 | 21.00 | 4.50 x 3.40 | C | 6G | T300-XM104DA-M4 | C110, C145, C150 | 4.5 | 4.00 | 63.0 | 6.7 | 3 | DIN 371 |
| | | .827 | | | | | | .177 | .157 | 2.480 | .264 | | |
| M 5 | 0.80 | 25.00 | 6.00 x 4.90 | C | 6G | T300-XM104DA-M5 | C110, C145, C150 | 6.0 | 5.00 | 70.0 | 7.7 | 3 | DIN 371 |
| | | .984 | | | | | | .236 | .197 | 2.756 | .303 | | |
| M 6 | 1.00 | 31.00 | 6.00 x 4.90 | C | 6G | T300-XM104DA-M6 | C110, C145, C150 | 6.0 | 6.00 | 80.0 | 10.0 | 3 | DIN 371 |
| | | 1.220 | | | | | | .236 | .236 | 3.150 | .394 | | |
| M 8 | 1.25 | 35.00 | 8.00 x 6.20 | C | 6G | T300-XM104DA-M8 | C110, C145, C150 | 8.0 | 8.00 | 90.0 | 12.0 | 3 | DIN 371 |
| | | 1.378 | | | | | | .315 | .315 | 3.543 | .472 | | |
| M 10 | 1.50 | 39.00 | 10.00 x 8.00 | C | 6G | T300-XM104DA-M10 | C110, C145, C150 | 10.0 | 10.00 | 100.0 | 15.1 | 3 | DIN 371 |
| | | 1.535 | | | | | | .394 | .394 | 3.937 | .594 | | |
| M 12 | 1.75 | 83.00 | 9.00 x 7.00 | C | 6G | T300-XM105DA-M12 | C110, C145, C150 | 9.0 | 12.00 | 110.0 | 16.0 | 3 | DIN 376 |
| | | 3.268 | | | | | | .354 | .472 | 4.331 | .630 | | |
| M 14 | 2.00 | 81.00 | 11.00 x 9.00 | C | 6G | T300-XM105DA-M14 | C110, C145, C150 | 11.0 | 14.00 | 110.0 | 20.0 | 3 | DIN 376 |
| | | 3.189 | | | | | | .433 | .551 | 4.331 | .787 | | |
| M 16 | 2.00 | 68.00 | 12.00 x 9.00 | C | 6G | T300-XM105DA-M16 | C110, C145, C150 | 12.0 | 16.00 | 110.0 | 20.0 | 4 | DIN 376 |
| | | 2.677 | | | | | | .472 | .630 | 4.331 | .787 | | |
| M 20 | 2.50 | 95.00 | 16.00 x 12.00 | C | 6G | T300-XM105DA-M20 | B110, B145, B150 | 16.0 | 20.00 | 140.0 | 25.0 | 4 | DIN 376 |
| | | 3.740 | | | | | | .630 | .787 | 5.512 | .984 | | |



E30



E41



E45



E36



E59



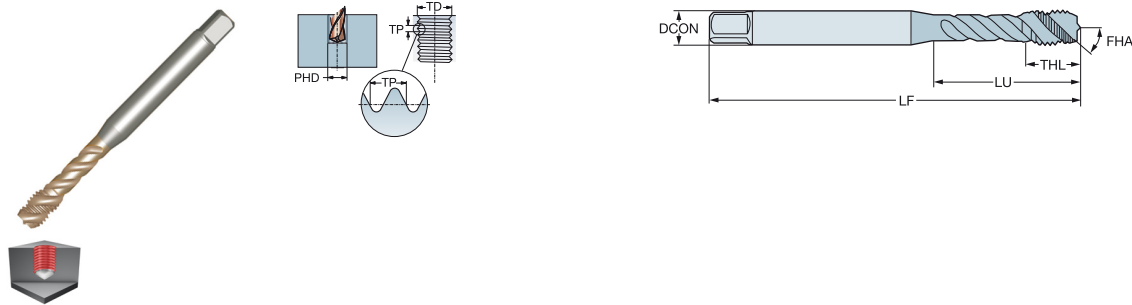
E38

CoroTap™ 300, gwintownik ze śrubowymi rowkami wiórowymi

Zarys gwintu: Metryczny
DIN 371/ANSI, DIN 376/ANSI

ULDR
FHA
SUBSTRATE

2.5
45°
HSS-PM



| | | | | | | | | Wymiary, mm, cale | | | | | |
|------|------|-------|-------------------|-------|------|------------------|------------------|-------------------|-------|-------|------|-----|--------------|
| TDZ | TP | LU | CZC _{MS} | THCHT | TCTR | Oznaczenie | GRADE | DCON | TD | LF | THL | NOF | BSG |
| M 4 | 0.70 | 21.50 | .194 x .152 | C | 6H | T300-XM100AA-M4 | C110, C145, C150 | 4.9 | 4.00 | 63.0 | 8.4 | 3 | DIN 371/ANSI |
| | | .846 | | | | | | .194 | .157 | 2.480 | .331 | | |
| M 5 | 0.80 | 28.00 | .194 x .152 | C | 6H | T300-XM100AA-M5 | C110, C145, C150 | 4.9 | 5.00 | 70.0 | 8.6 | 3 | DIN 371/ANSI |
| | | 1.102 | | | | | | .194 | .197 | 2.756 | .339 | | |
| M 6 | 1.00 | 25.50 | .255 x .191 | C | 6H | T300-XM100AA-M6 | C110, C145, C150 | 6.5 | 6.00 | 80.0 | 11.4 | 3 | DIN 371/ANSI |
| | | 1.004 | | | | | | .255 | .236 | 3.150 | .449 | | |
| M 8 | 1.25 | 33.50 | .318 x .238 | C | 6H | T300-XM100AA-M8 | C110, C145, C150 | 8.1 | 8.00 | 90.0 | 12.9 | 3 | DIN 371/ANSI |
| | | 1.319 | | | | | | .318 | .315 | 3.543 | .508 | | |
| M 10 | 1.50 | 38.50 | .381 x .286 | C | 6H | T300-XM100AA-M10 | C110, C145, C150 | 9.7 | 10.00 | 100.0 | 16.1 | 3 | DIN 371/ANSI |
| | | 1.516 | | | | | | .381 | .394 | 3.937 | .634 | | |
| M 12 | 1.75 | 81.82 | .367 x .275 | C | 6H | T300-XM101AA-M12 | C110, C145, C150 | 9.3 | 12.00 | 110.0 | 18.0 | 3 | DIN 376/ANSI |
| | | 3.221 | | | | | | .367 | .472 | 4.331 | .709 | | |
| M 14 | 2.00 | 80.30 | .429 x .322 | C | 6H | T300-XM101AA-M14 | C110, C145, C150 | 10.9 | 14.00 | 110.0 | 20.1 | 3 | DIN 376/ANSI |
| | | 3.161 | | | | | | .429 | .551 | 4.331 | .791 | | |
| M 16 | 2.00 | 65.78 | .480 x .360 | C | 6H | T300-XM101AA-M16 | C110, C145, C150 | 12.2 | 16.00 | 110.0 | 20.1 | 4 | DIN 376/ANSI |
| | | 2.590 | | | | | | .480 | .630 | 4.331 | .791 | | |
| M 18 | 2.50 | 79.00 | .542 x .406 | C | 6H | T300-XM101AA-M18 | C110, C145, C150 | 13.8 | 18.00 | 125.0 | 24.9 | 4 | DIN 376/ANSI |
| | | 3.110 | | | | | | .542 | .709 | 4.921 | .980 | | |
| M 20 | 2.50 | 92.47 | .652 x .489 | C | 6H | T300-XM101AA-M20 | C110, C145, C150 | 16.6 | 20.00 | 140.0 | 24.9 | 4 | DIN 376/ANSI |
| | | 3.641 | | | | | | .652 | .787 | 5.512 | .980 | | |
| M 4 | 0.70 | 21.50 | .168 x .131 | E | 6H | T300-XM102AA-M4 | C110, C145, C150 | 4.3 | 4.00 | 63.0 | 8.4 | 3 | DIN 371/ANSI |
| | | .846 | | | | | | .168 | .157 | 2.480 | .331 | | |
| M 5 | 0.80 | 28.00 | .194 x .152 | E | 6H | T300-XM102AA-M5 | C110, C145, C150 | 4.9 | 5.00 | 70.0 | 8.6 | 3 | DIN 371/ANSI |
| | | 1.102 | | | | | | .194 | .197 | 2.756 | .339 | | |
| M 6 | 1.00 | 25.50 | .255 x .191 | E | 6H | T300-XM102AA-M6 | C110, C145, C150 | 6.5 | 6.00 | 80.0 | 11.4 | 3 | DIN 371/ANSI |
| | | 1.004 | | | | | | .255 | .236 | 3.150 | .449 | | |
| M 8 | 1.25 | 33.50 | .318 x .238 | E | 6H | T300-XM102AA-M8 | C110, C145, C150 | 8.1 | 8.00 | 90.0 | 12.9 | 3 | DIN 371/ANSI |
| | | 1.319 | | | | | | .318 | .315 | 3.543 | .508 | | |
| M 10 | 1.50 | 38.50 | .381 x .286 | E | 6H | T300-XM102AA-M10 | C110, C145, C150 | 9.7 | 10.00 | 100.0 | 16.1 | 3 | DIN 371/ANSI |
| | | 1.516 | | | | | | .381 | .394 | 3.937 | .634 | | |
| M 12 | 1.75 | 81.82 | .367 x .275 | E | 6H | T300-XM103AA-M12 | C110, C145, C150 | 9.3 | 12.00 | 110.0 | 18.0 | 3 | DIN 376/ANSI |
| | | 3.221 | | | | | | .367 | .472 | 4.331 | .709 | | |
| M 14 | 2.00 | 80.30 | .429 x .322 | E | 6H | T300-XM103AA-M14 | C110, C145, C150 | 10.9 | 14.00 | 110.0 | 20.1 | 3 | DIN 376/ANSI |
| | | 3.161 | | | | | | .429 | .551 | 4.331 | .791 | | |
| M 16 | 2.00 | 65.78 | .480 x .360 | E | 6H | T300-XM103AA-M16 | C110, C145, C150 | 12.2 | 16.00 | 110.0 | 20.1 | 4 | DIN 376/ANSI |
| | | 2.590 | | | | | | .480 | .630 | 4.331 | .791 | | |
| M 18 | 2.50 | 79.00 | .542 x .406 | E | 6H | T300-XM103AA-M18 | C110, C145, C150 | 13.8 | 18.00 | 125.0 | 24.9 | 4 | DIN 376/ANSI |
| | | 3.110 | | | | | | .542 | .709 | 4.921 | .980 | | |
| M 20 | 2.50 | 92.47 | .652 x .489 | E | 6H | T300-XM103AA-M20 | C110, C145, C150 | 16.6 | 20.00 | 140.0 | 24.9 | 4 | DIN 376/ANSI |
| | | 3.641 | | | | | | .652 | .787 | 5.512 | .980 | | |



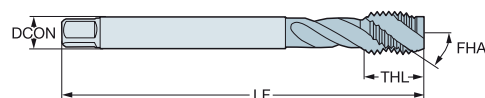
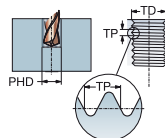
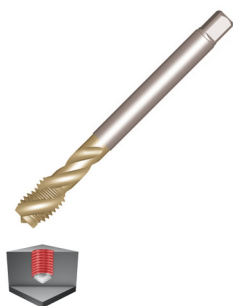
CoroTap™ 300, gwintownik ze śrubowymi rowkami wiórowymi

Zarys gwintu: Metryczny drobnozwojny

DIN 374

ULDR
FHA
SUBSTRATE

2.5
45°
HSS-PM



| | | | | | | | Wymiary, mm, cal | | | | | | |
|------------|------|-------|--------------------|-------|------|----------------------|------------------|------|-------|-------|------|-----|---------|
| TDZ | TP | LU | CZC _{1/8} | THCHT | TCTR | Oznaczenie | GRADE | DCON | TD | LF | THL | NOF | BSG |
| MF 4x0.5 | 0.50 | 43.00 | 2.80 x 2.10 | C | 6H | T300-XM100DB-M4X050 | C110, C145, C150 | 2.8 | 4.00 | 63.0 | 6.8 | 3 | DIN 374 |
| | | 1.693 | | | | | | .110 | .157 | 2.480 | .268 | | |
| MF 5x0.5 | 0.50 | 49.00 | 3.50 x 2.70 | C | 6H | T300-XM100DB-M5X050 | C110, C145, C150 | 3.5 | 5.00 | 70.0 | 8.2 | 3 | DIN 374 |
| | | 1.929 | | | | | | .138 | .197 | 2.756 | .323 | | |
| MF 6x0.75 | 0.75 | 59.00 | 4.50 x 3.40 | C | 6H | T300-XM100DB-M6X075 | C110, C145, C150 | 4.5 | 6.00 | 80.0 | 10.0 | 3 | DIN 374 |
| | | 2.323 | | | | | | .177 | .236 | 3.150 | .394 | | |
| MF 8x0.75 | 0.75 | 57.00 | 6.00 x 4.90 | C | 6H | T300-XM100DB-M8X075 | C110, C145, C150 | 6.0 | 8.00 | 80.0 | 13.0 | 3 | DIN 374 |
| | | 2.244 | | | | | | .236 | .315 | 3.150 | .512 | | |
| MF 8x1 | 1.00 | 67.00 | 6.00 x 4.90 | C | 6H | T300-XM100DB-M8X100 | C110, C145, C150 | 6.0 | 8.00 | 90.0 | 13.0 | 3 | DIN 374 |
| | | 2.638 | | | | | | .236 | .315 | 3.543 | .512 | | |
| MF 10x0.75 | 0.75 | 67.00 | 7.00 x 5.50 | C | 6H | T300-XM100DB-M10X075 | C110, C145, C150 | 7.0 | 10.00 | 90.0 | 13.0 | 3 | DIN 374 |
| | | 2.638 | | | | | | .276 | .394 | 3.543 | .512 | | |
| MF 10x1 | 1.00 | 67.00 | 7.00 x 5.50 | C | 6H | T300-XM100DB-M10X100 | C110, C145, C150 | 7.0 | 10.00 | 90.0 | 13.0 | 3 | DIN 374 |
| | | 2.638 | | | | | | .276 | .394 | 3.543 | .512 | | |
| MF 10x1.25 | 1.25 | 77.00 | 7.00 x 5.50 | C | 6H | T300-XM100DB-M10X125 | C110, C145, C150 | 7.0 | 10.00 | 100.0 | 15.0 | 3 | DIN 374 |
| | | 3.032 | | | | | | .276 | .394 | 3.937 | .591 | | |
| MF 12x1 | 1.00 | 73.00 | 9.00 x 7.00 | C | 6H | T300-XM100DB-M12X100 | C110, C145, C150 | 9.0 | 12.00 | 100.0 | 15.0 | 3 | DIN 374 |
| | | 2.874 | | | | | | .354 | .472 | 3.937 | .591 | | |
| MF 12x1.25 | 1.25 | 73.00 | 9.00 x 7.00 | C | 6H | T300-XM100DB-M12X125 | C110, C145, C150 | 9.0 | 12.00 | 100.0 | 15.0 | 3 | DIN 374 |
| | | 2.874 | | | | | | .354 | .472 | 3.937 | .591 | | |
| MF 12x1.5 | 1.50 | 73.00 | 9.00 x 7.00 | C | 6H | T300-XM100DB-M12X150 | C110, C145, C150 | 9.0 | 12.00 | 100.0 | 15.0 | 3 | DIN 374 |
| | | 2.874 | | | | | | .354 | .472 | 3.937 | .591 | | |
| MF 14x1 | 1.00 | 71.00 | 11.00 x 9.00 | C | 6H | T300-XM100DB-M14X100 | C110, C145, C150 | 11.0 | 14.00 | 100.0 | 15.0 | 3 | DIN 374 |
| | | 2.795 | | | | | | .433 | .551 | 3.937 | .591 | | |
| MF 14x1.25 | 1.25 | 71.00 | 11.00 x 9.00 | C | 6H | T300-XM100DB-M14X125 | C110, C145, C150 | 11.0 | 14.00 | 100.0 | 15.0 | 3 | DIN 374 |
| | | 2.795 | | | | | | .433 | .551 | 3.937 | .591 | | |
| MF 14x1.5 | 1.50 | 71.00 | 11.00 x 9.00 | C | 6H | T300-XM100DB-M14X150 | C110, C145, C150 | 11.0 | 14.00 | 100.0 | 15.0 | 3 | DIN 374 |
| | | 2.795 | | | | | | .433 | .551 | 3.937 | .591 | | |
| MF 16x1 | 1.00 | 58.00 | 12.00 x 9.00 | C | 6H | T300-XM100DB-M16X100 | C110, C145, C150 | 12.0 | 16.00 | 100.0 | 15.0 | 4 | DIN 374 |
| | | 2.283 | | | | | | .472 | .630 | 3.937 | .591 | | |
| MF 16x1.5 | 1.50 | 58.00 | 12.00 x 9.00 | C | 6H | T300-XM100DB-M16X150 | C110, C145, C150 | 12.0 | 16.00 | 100.0 | 15.0 | 4 | DIN 374 |
| | | 2.283 | | | | | | .472 | .630 | 3.937 | .591 | | |
| MF 18x1 | 1.00 | 66.00 | 14.00 x 11.00 | C | 6H | T300-XM100DB-M18X100 | B110, B145, B150 | 14.0 | 18.00 | 110.0 | 17.0 | 4 | DIN 374 |
| | | 2.598 | | | | | | .551 | .709 | 4.331 | .669 | | |
| MF 18x1.5 | 1.50 | 66.00 | 14.00 x 11.00 | C | 6H | T300-XM100DB-M18X150 | B110, B145, B150 | 14.0 | 18.00 | 110.0 | 17.0 | 4 | DIN 374 |
| | | 2.598 | | | | | | .551 | .709 | 4.331 | .669 | | |
| MF 20x1 | 1.00 | 80.00 | 16.00 x 12.00 | C | 6H | T300-XM100DB-M20X100 | B110, B145, B150 | 16.0 | 20.00 | 125.0 | 17.0 | 4 | DIN 374 |
| | | 3.150 | | | | | | .630 | .787 | 4.921 | .669 | | |
| MF 20x1.5 | 1.50 | 80.00 | 16.00 x 12.00 | C | 6H | T300-XM100DB-M20X150 | B110, B145, B150 | 16.0 | 20.00 | 125.0 | 17.0 | 4 | DIN 374 |
| | | 3.150 | | | | | | .630 | .787 | 4.921 | .669 | | |
| MF 22x1.5 | 1.50 | 78.00 | 18.00 x 14.50 | C | 6H | T300-XM100DB-M22X150 | B110, B145, B150 | 18.0 | 22.00 | 125.0 | 17.0 | 4 | DIN 374 |
| | | 3.071 | | | | | | .709 | .866 | 4.921 | .669 | | |
| MF 24x1.5 | 1.50 | 93.00 | 18.00 x 14.50 | C | 6H | T300-XM100DB-M24X150 | B110, B145, B150 | 18.0 | 24.00 | 140.0 | 20.0 | 4 | DIN 374 |
| | | 3.661 | | | | | | .709 | .945 | 5.512 | .787 | | |



E30



E41



E45



E36



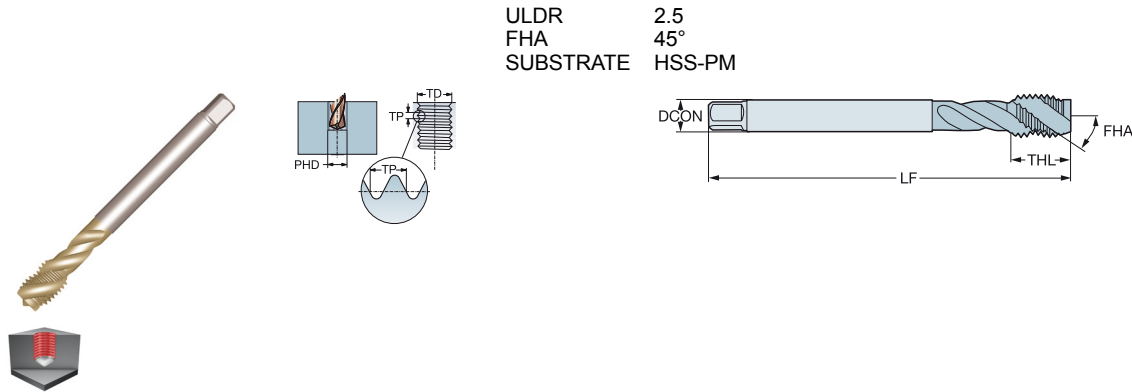
E59



E38

CoroTap™ 300, gwintownik ze śrubowymi rowkami wiórowymi

Zarys gwintu: Metryczny drobnozwojny
DIN 374



P

M

K

N

S

| | | | | | | | | | | Wymiary, mm, cal/e | | | | |
|-----------|------|-------|-------------------|-------|------|----------------------|------------------|------|-------|--------------------|------|-----|---------|--|
| TDZ | TP | LU | CZC _{MS} | THCHT | TCTR | Oznaczenie | GRADE | DCON | TD | LF | THL | NOF | BSG | |
| MF 24x2 | 2.00 | 93.00 | 18.00 x 14.50 | C | 6H | T300-XM100DB-M24X200 | B110, B145, B150 | 18.0 | 24.00 | 140.0 | 20.0 | 4 | DIN 374 | |
| | | | | | | | | .709 | .945 | 5.512 | .787 | | | |
| MF 25x1.5 | 1.50 | 93.00 | 18.00 x 14.50 | C | 6H | T300-XM100DB-M25X150 | B110, B145, B150 | 18.0 | 25.00 | 140.0 | 20.0 | 4 | DIN 374 | |
| | | | | | | | | .709 | .984 | 5.512 | .787 | | | |
| MF 26x1.5 | 1.50 | 93.00 | 18.00 x 14.50 | C | 6H | T300-XM100DB-M26X150 | B110, B145, B150 | 18.0 | 26.00 | 140.0 | 20.0 | 4 | DIN 374 | |
| | | | | | | | | .709 | 1.024 | 5.512 | .787 | | | |
| MF 27x1.5 | 1.50 | 77.00 | 20.00 x 16.00 | C | 6H | T300-XM100DB-M27X150 | B110, B145, B150 | 20.0 | 27.00 | 140.0 | 20.0 | 4 | DIN 374 | |
| | | | | | | | | .787 | 1.063 | 5.512 | .787 | | | |
| MF 27x2 | 2.00 | 77.00 | 20.00 x 16.00 | C | 6H | T300-XM100DB-M27X200 | B110, B145, B150 | 20.0 | 27.00 | 140.0 | 20.0 | 4 | DIN 374 | |
| | | | | | | | | .787 | 1.063 | 5.512 | .787 | | | |
| MF 28x1.5 | 1.50 | 77.00 | 20.00 x 16.00 | C | 6H | T300-XM100DB-M28X150 | B110, B145, B150 | 20.0 | 28.00 | 140.0 | 20.0 | 4 | DIN 374 | |
| | | | | | | | | .787 | 1.102 | 5.512 | .787 | | | |
| MF 30x1.5 | 1.50 | 85.00 | 22.00 x 18.00 | C | 6H | T300-XM100DB-M30X150 | B110, B145, B150 | 22.0 | 30.00 | 150.0 | 20.0 | 4 | DIN 374 | |
| | | | | | | | | .866 | 1.181 | 5.906 | .787 | | | |
| MF 30x2 | 2.00 | 85.00 | 22.00 x 18.00 | C | 6H | T300-XM100DB-M30X200 | B110, B145, B150 | 22.0 | 30.00 | 150.0 | 20.0 | 4 | DIN 374 | |
| | | | | | | | | .866 | 1.181 | 5.906 | .787 | | | |

D

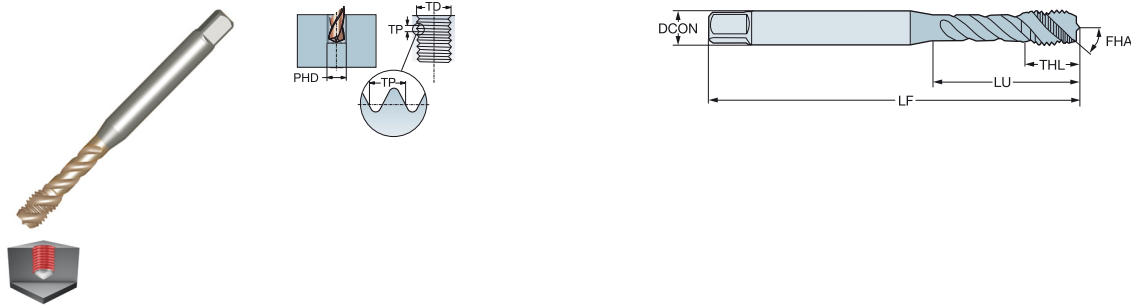
E

CoroTap™ 300, gwintownik ze śrubowymi rowkami wiórowymi

Zarys gwintu: Metryczny drobnzwojny

DIN 374/ANSI

ULDR 2.5
FHA 45°
SUBSTRATE HSS-PM



| | | | | | | | | | | Wymiary, mm, cal | | | |
|-----------|------|-------|-------------------|-------|------|----------------------|------------------|------|-------|------------------|------|-----|--------------|
| TDZ | TP | LU | CZC _{MS} | THCHT | TCTR | Oznaczenie | GRADE | DCON | TD | LF | THL | NOF | BSG |
| MF 8x1 | 1.00 | 33.50 | .318 x .238 | C | 6H | T300-XM100AB-M8X100 | C110, C145, C150 | 8.1 | 8.00 | 90.0 | 12.8 | 3 | DIN 374/ANSI |
| | | 1.319 | | | | | | .318 | .315 | 3.543 | .504 | | |
| MF 10x1 | 1.00 | 37.50 | .381 x .286 | C | 6H | T300-XM100AB-M10X100 | C110, C145, C150 | 9.7 | 10.00 | 90.0 | 13.0 | 3 | DIN 374/ANSI |
| | | 1.476 | | | | | | .381 | .394 | 3.543 | .512 | | |
| MF 14x1.5 | 1.50 | 70.30 | .429 x .322 | C | 6H | T300-XM101AB-M14X150 | C110, C145, C150 | 10.9 | 14.00 | 100.0 | 15.0 | 3 | DIN 374/ANSI |
| | | 2.768 | | | | | | .429 | .551 | 3.937 | .591 | | |
| MF 18x1.5 | 1.50 | 64.00 | .542 x .406 | C | 6H | T300-XM101AB-M18X150 | C110, C145, C150 | 13.8 | 18.00 | 110.0 | 17.0 | 4 | DIN 374/ANSI |
| | | 2.520 | | | | | | .542 | .709 | 4.331 | .669 | | |
| MF 8x1 | 1.00 | 33.50 | .318 x .238 | E | 6H | T300-XM102AB-M8X100 | C110, C145, C150 | 8.1 | 8.00 | 90.0 | 12.8 | 3 | DIN 374/ANSI |
| | | 1.319 | | | | | | .318 | .315 | 3.543 | .504 | | |
| MF 10x1 | 1.00 | 37.50 | .381 x .286 | E | 6H | T300-XM102AB-M10X100 | C110, C145, C150 | 9.7 | 10.00 | 90.0 | 13.0 | 3 | DIN 374/ANSI |
| | | 1.476 | | | | | | .381 | .394 | 3.543 | .512 | | |
| MF 14x1.5 | 1.50 | 70.30 | .429 x .322 | E | 6H | T300-XM103AB-M14X150 | C110, C145, C150 | 10.9 | 14.00 | 100.0 | 15.0 | 3 | DIN 374/ANSI |
| | | 2.768 | | | | | | .429 | .551 | 3.937 | .591 | | |
| MF 18x1.5 | 1.50 | 64.00 | .542 x .406 | E | 6H | T300-XM103AB-M18X150 | C110, C145, C150 | 13.8 | 18.00 | 110.0 | 17.0 | 4 | DIN 374/ANSI |
| | | 2.520 | | | | | | .542 | .709 | 4.331 | .669 | | |

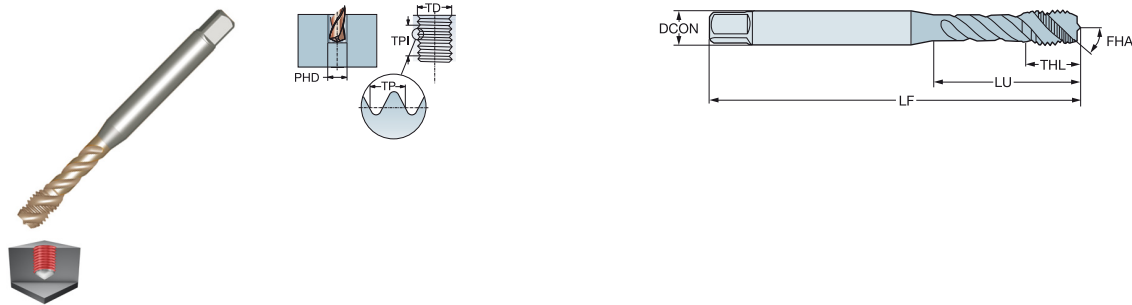


CoroTap™ 300, gwintownik ze śrubowymi rowkami wiórowymi

Zarys gwintu: UNC
DIN 2184-1

ULDR
FHA
SUBSTRATE

2.5
45°
HSS-PM



| | | | | | | | Wymiary, mm, cale | | | | | | |
|-------------|-------|--------|-------------------|-------|------|--------------------|-------------------|------|-------|-------|-------|-----|------------|
| TDZ | TPI | LU | CZC _{MS} | THCHT | TCTR | Oznaczenie | GRADE | DCON | TD | LF | THL | NOF | BSG |
| UNC #4-40 | 40.00 | 18.00 | 3.50 x 2.70 | C | 2B | T300-XM100DE-4-40 | C110, C145, C150 | 3.5 | 2.84 | 56.0 | 5.6 | 3 | DIN 2184-1 |
| | | .709 | | | | | | .138 | .112 | 2.205 | .220 | | |
| UNC #5-40 | 40.00 | 18.00 | 3.50 x 2.70 | C | 2B | T300-XM100DE-5-40 | C110, C145, C150 | 3.5 | 3.18 | 56.0 | 5.6 | 3 | DIN 2184-1 |
| | | .709 | | | | | | .138 | .125 | 2.205 | .220 | | |
| UNC #6-32 | 32.00 | 20.00 | 4.00 x 3.00 | C | 2B | T300-XM100DE-6-32 | C110, C145, C150 | 4.0 | 3.51 | 56.0 | 6.5 | 3 | DIN 2184-1 |
| | | .787 | | | | | | .157 | .138 | 2.205 | .256 | | |
| UNC #8-32 | 32.00 | 21.00 | 4.50 x 3.40 | C | 2B | T300-XM100DE-8-32 | C110, C145, C150 | 4.5 | 4.17 | 63.0 | 6.5 | 3 | DIN 2184-1 |
| | | .827 | | | | | | .177 | .164 | 2.480 | .256 | | |
| UNC #10-24 | 24.00 | 25.00 | 6.00 x 4.90 | C | 2B | T300-XM100DE-10-24 | C110, C145, C150 | 6.0 | 4.83 | 70.0 | 8.0 | 3 | DIN 2184-1 |
| | | .984 | | | | | | .236 | .190 | 2.756 | .315 | | |
| UNC #12-24 | 24.00 | 30.00 | 6.00 x 4.90 | C | 2B | T300-XM100DE-12-24 | C110, C145, C150 | 6.0 | 5.49 | 80.0 | 10.0 | 3 | DIN 2184-1 |
| | | 1.181 | | | | | | .236 | .216 | 3.150 | .394 | | |
| UNC 1/4-20 | 20.00 | 30.00 | 7.00 x 5.50 | C | 2B | T300-XM100DE-1/4 | C110, C145, C150 | 7.0 | 6.35 | 80.0 | 10.0 | 3 | DIN 2184-1 |
| | | 1.181 | | | | | | .276 | .250 | 3.150 | .394 | | |
| UNC 5/16-18 | 18.00 | 35.00 | 8.00 x 6.20 | C | 2B | T300-XM100DE-5/16 | C110, C145, C150 | 8.0 | 7.94 | 90.0 | 12.0 | 3 | DIN 2184-1 |
| | | 1.378 | | | | | | .315 | .313 | 3.543 | .472 | | |
| UNC 3/8-16 | 16.00 | 39.00 | 10.00 x 8.00 | C | 2B | T300-XM100DE-3/8 | C110, C145, C150 | 10.0 | 9.53 | 100.0 | 15.0 | 3 | DIN 2184-1 |
| | | 1.535 | | | | | | .394 | .375 | 3.937 | .591 | | |
| UNC 7/16-14 | 14.00 | 75.75 | 8.00 x 6.20 | C | 2B | T300-XM101DE-7/16 | C110, C145, C150 | 8.0 | 11.11 | 100.0 | 15.0 | 3 | DIN 2184-1 |
| | | 2.982 | | | | | | .315 | .438 | 3.937 | .591 | | |
| UNC 1/2-13 | 13.00 | 82.75 | 9.00 x 7.00 | C | 2B | T300-XM101DE-1/2 | C110, C145, C150 | 9.0 | 12.70 | 110.0 | 18.0 | 3 | DIN 2184-1 |
| | | 3.258 | | | | | | .354 | .500 | 4.331 | .709 | | |
| UNC 5/8-11 | 11.00 | 67.75 | 12.00 x 9.00 | C | 2B | T300-XM101DE-5/8 | C110, C145, C150 | 12.0 | 15.88 | 110.0 | 20.0 | 4 | DIN 2184-1 |
| | | 2.667 | | | | | | .472 | .625 | 4.331 | .787 | | |
| UNC 3/4-10 | 10.00 | 80.75 | 14.00 x 11.00 | C | 2B | T300-XM101DE-3/4 | B110, B145, B150 | 14.0 | 19.05 | 125.0 | 25.0 | 4 | DIN 2184-1 |
| | | 3.179 | | | | | | .551 | .750 | 4.921 | .984 | | |
| UNC 7/8-9 | 9.00 | 92.75 | 18.00 x 14.50 | C | 2B | T300-XM101DE-7/8 | B110, B145, B150 | 18.0 | 22.23 | 140.0 | 25.0 | 4 | DIN 2184-1 |
| | | 3.652 | | | | | | .709 | .875 | 5.512 | .984 | | |
| UNC 1"-8 | 8.00 | 112.75 | 18.00 x 14.50 | C | 2B | T300-XM101DE-1 | B110, B145, B150 | 18.0 | 25.40 | 160.0 | 30.0 | 4 | DIN 2184-1 |
| | | 4.439 | | | | | | .709 | 1.000 | 6.299 | 1.181 | | |

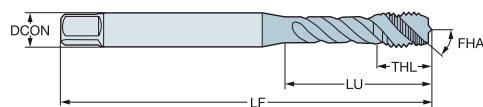
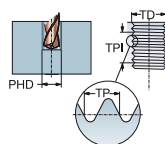
CoroTap™ 300, gwintownik ze śrubowymi rowkami wiórowymi

Zarys gwintu: UNC

DIN 2184-1/ANSI

ULDR
FHA
SUBSTRATE

2.5
45°
HSS-PM



| | | | | | | | Wymiary, mm, cale | | | | | | |
|-------------|-------|-------|---------------------|-------|------|--------------------|-------------------|------|-------|-------|-------|-----|-----------------|
| TDZ | TPI | LU | CZC _{0.05} | THCHT | TCTR | Oznaczenie | GRADE | DCON | TD | LF | THL | NOF | BSG |
| UNC #2-56 | 56.00 | 11.99 | .141 x .110 | C | 3BX | T300-XM100AE-2-56 | C110, C145, C150 | 3.6 | 2.18 | 45.0 | 4.0 | 3 | DIN 2184-1/ANSI |
| | | .472 | | | | | | .141 | .086 | 1.772 | .157 | | |
| UNC #4-40 | 40.00 | 17.50 | .141 x .110 | C | 3BX | T300-XM100AE-4-40 | C110, C145, C150 | 3.6 | 2.84 | 56.0 | 7.1 | 3 | DIN 2184-1/ANSI |
| | | .689 | | | | | | .141 | .112 | 2.205 | .280 | | |
| UNC #5-40 | 40.00 | 17.50 | .141 x .110 | C | 3BX | T300-XM100AE-5-40 | C110, C145, C150 | 3.6 | 3.18 | 56.0 | 6.6 | 3 | DIN 2184-1/ANSI |
| | | .689 | | | | | | .141 | .125 | 2.205 | .260 | | |
| UNC #6-32 | 32.00 | 20.50 | .141 x .110 | C | 3BX | T300-XM100AE-6-32 | C110, C145, C150 | 3.6 | 3.51 | 56.0 | 7.2 | 3 | DIN 2184-1/ANSI |
| | | .807 | | | | | | .141 | .138 | 2.205 | .283 | | |
| UNC #8-32 | 32.00 | 21.50 | .168 x .131 | C | 3BX | T300-XM100AE-8-32 | C110, C145, C150 | 4.3 | 4.17 | 63.0 | 7.7 | 3 | DIN 2184-1/ANSI |
| | | .846 | | | | | | .168 | .164 | 2.480 | .303 | | |
| UNC #10-24 | 24.00 | 28.00 | .194 x .152 | C | 3BX | T300-XM100AE-10-24 | C110, C145, C150 | 4.9 | 4.83 | 70.0 | 9.1 | 3 | DIN 2184-1/ANSI |
| | | 1.102 | | | | | | .194 | .190 | 2.756 | .358 | | |
| UNC #12-24 | 24.00 | 25.50 | .220 x .165 | C | 3BX | T300-XM100AE-12-24 | C110, C145, C150 | 5.6 | 5.49 | 80.0 | 9.9 | 3 | DIN 2184-1/ANSI |
| | | 1.004 | | | | | | .220 | .216 | 3.150 | .390 | | |
| UNC 1/4-20 | 20.00 | 25.00 | .255 x .191 | C | 3BX | T300-XM100AE-1/4 | C110, C145, C150 | 6.5 | 6.35 | 80.0 | 11.0 | 3 | DIN 2184-1/ANSI |
| | | .984 | | | | | | .255 | .250 | 3.150 | .433 | | |
| UNC 5/16-18 | 18.00 | 34.00 | .318 x .238 | C | 3BX | T300-XM100AE-5/16 | C110, C145, C150 | 8.1 | 7.94 | 90.0 | 13.1 | 3 | DIN 2184-1/ANSI |
| | | 1.339 | | | | | | .318 | .313 | 3.543 | .516 | | |
| UNC 3/8-16 | 16.00 | 39.00 | .381 x .286 | C | 3BX | T300-XM100AE-3/8 | C110, C145, C150 | 9.7 | 9.53 | 100.0 | 16.8 | 3 | DIN 2184-1/ANSI |
| | | 1.535 | | | | | | .381 | .375 | 3.937 | .661 | | |
| UNC 7/16-14 | 14.00 | 72.59 | .323 x .242 | C | 3BX | T300-XM101AE-7/16 | C110, C145, C150 | 8.2 | 11.11 | 100.0 | 15.0 | 3 | DIN 2184-1/ANSI |
| | | 2.858 | | | | | | .323 | .438 | 3.937 | .591 | | |
| UNC 1/2-13 | 13.00 | 81.82 | .367 x .275 | C | 3BX | T300-XM101AE-1/2 | C110, C145, C150 | 9.3 | 12.70 | 110.0 | 18.0 | 3 | DIN 2184-1/ANSI |
| | | 3.221 | | | | | | .367 | .500 | 4.331 | .709 | | |
| UNC 9/16-12 | 12.00 | 80.30 | .429 x .322 | C | 3BX | T300-XM101AE-9/16 | C110, C145, C150 | 10.9 | 14.29 | 110.0 | 20.1 | 3 | DIN 2184-1/ANSI |
| | | 3.161 | | | | | | .429 | .563 | 4.331 | .791 | | |
| UNC 5/8-11 | 11.00 | 65.78 | .480 x .360 | C | 3BX | T300-XM101AE-5/8 | C110, C145, C150 | 12.2 | 15.88 | 110.0 | 20.1 | 4 | DIN 2184-1/ANSI |
| | | 2.590 | | | | | | .480 | .625 | 4.331 | .791 | | |
| UNC 3/4-10 | 10.00 | 77.47 | .590 x .442 | C | 3BX | T300-XM101AE-3/4 | C110, C145, C150 | 15.0 | 19.05 | 125.0 | 24.9 | 4 | DIN 2184-1/ANSI |
| | | 3.050 | | | | | | .590 | .750 | 4.921 | .980 | | |
| UNC 7/8-9 | 9.00 | 90.95 | .697 x .523 | C | 3BX | T300-XM101AE-7/8 | C110, C145, C150 | 17.7 | 22.23 | 140.0 | 24.9 | 4 | DIN 2184-1/ANSI |
| | | 3.581 | | | | | | .697 | .875 | 5.512 | .980 | | |
| UNC 1"-8 | 8.00 | 95.43 | .800 x .600 | C | 3BX | T300-XM101AE-1 | C110, C145, C150 | 20.3 | 25.40 | 160.0 | 30.0 | 4 | DIN 2184-1/ANSI |
| | | 3.757 | | | | | | .800 | 1.000 | 6.299 | 1.181 | | |
| UNC #2-56 | 56.00 | 15.00 | .141 x .110 | E | 3BX | T300-XM102AE-2-56 | C110, C145, C150 | 3.6 | 2.18 | 45.0 | 4.0 | 3 | DIN 2184-1/ANSI |
| | | .591 | | | | | | .141 | .086 | 1.772 | .157 | | |
| UNC #4-40 | 40.00 | 17.50 | .141 x .110 | E | 3BX | T300-XM102AE-4-40 | C110, C145, C150 | 3.6 | 2.84 | 56.0 | 7.1 | 3 | DIN 2184-1/ANSI |
| | | .689 | | | | | | .141 | .112 | 2.205 | .280 | | |
| UNC #5-40 | 40.00 | 17.50 | .141 x .110 | E | 3BX | T300-XM102AE-5-40 | C110, C145, C150 | 3.6 | 3.18 | 56.0 | 6.6 | 3 | DIN 2184-1/ANSI |
| | | .689 | | | | | | .141 | .125 | 2.205 | .260 | | |
| UNC #6-32 | 32.00 | 20.50 | .141 x .110 | E | 3BX | T300-XM102AE-6-32 | C110, C145, C150 | 3.6 | 3.51 | 56.0 | 7.2 | 3 | DIN 2184-1/ANSI |
| | | .807 | | | | | | .141 | .138 | 2.205 | .283 | | |
| UNC #8-32 | 32.00 | 21.50 | .168 x .131 | E | 3BX | T300-XM102AE-8-32 | C110, C145, C150 | 4.3 | 4.17 | 63.0 | 7.7 | 3 | DIN 2184-1/ANSI |
| | | .846 | | | | | | .168 | .164 | 2.480 | .303 | | |



E30



E41



E45



E36



E59



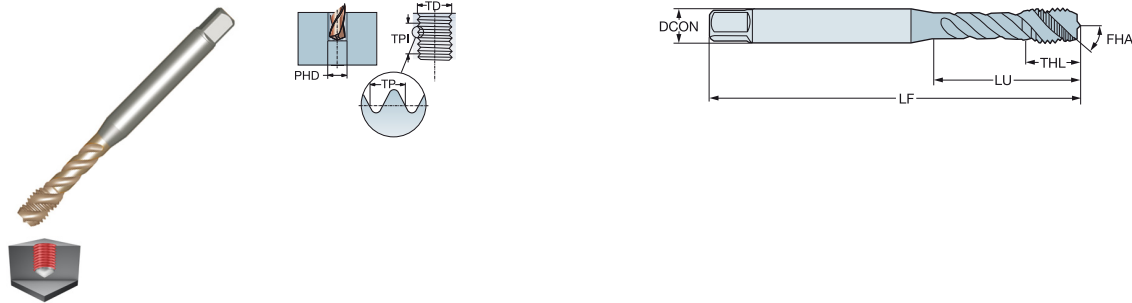
E38

CoroTap™ 300, gwintownik ze śrubowymi rowkami wiórowymi

Zarys gwintu: UNC
DIN 2184-1/ANSI

ULDR
FHA
SUBSTRATE

2.5
45°
HSS-PM



| | | | | | | | | | | Wymiary, mm, cal/e | | | | |
|-------------|-------|-------|-------------------|-------|------|--------------------|------------------|------|-------|--------------------|-------|-----|-----------------|--|
| TDZ | TPI | LU | CZC _{MS} | THCHT | TCTR | Oznaczenie | GRADE | DCON | TD | LF | THL | NOF | BSG | |
| UNC #10-24 | 24.00 | 28.00 | .194 x .152 | E | 3BX | T300-XM102AE-10-24 | C110, C145, C150 | 4.9 | 4.83 | 70.0 | 9.1 | 3 | DIN 2184-1/ANSI | |
| | | 1.102 | | | | | | .194 | .190 | 2.756 | .358 | | | |
| UNC #12-24 | 24.00 | 24.80 | .255 x .191 | E | 3BX | T300-XM102AE-12-24 | C110, C145, C150 | 6.5 | 5.49 | 80.0 | 9.9 | 3 | DIN 2184-1/ANSI | |
| | | .976 | | | | | | .255 | .216 | 3.150 | .390 | | | |
| UNC 1/4-20 | 20.00 | 25.00 | .255 x .191 | E | 3BX | T300-XM102AE-1/4 | C110, C145, C150 | 6.5 | 6.35 | 80.0 | 11.0 | 3 | DIN 2184-1/ANSI | |
| | | .984 | | | | | | .255 | .250 | 3.150 | .433 | | | |
| UNC 5/16-18 | 18.00 | 34.00 | .318 x .238 | E | 3BX | T300-XM102AE-5/16 | C110, C145, C150 | 8.1 | 7.94 | 90.0 | 13.1 | 3 | DIN 2184-1/ANSI | |
| | | 1.339 | | | | | | .318 | .313 | 3.543 | .516 | | | |
| UNC 3/8-16 | 16.00 | 39.00 | .381 x .286 | E | 3BX | T300-XM102AE-3/8 | C110, C145, C150 | 9.7 | 9.53 | 100.0 | 16.8 | 3 | DIN 2184-1/ANSI | |
| | | 1.535 | | | | | | .381 | .375 | 3.937 | .661 | | | |
| UNC 7/16-14 | 14.00 | 72.59 | .323 x .242 | E | 3BX | T300-XM103AE-7/16 | C110, C145, C150 | 8.2 | 11.11 | 100.0 | 15.0 | 3 | DIN 2184-1/ANSI | |
| | | 2.858 | | | | | | .323 | .438 | 3.937 | .591 | | | |
| UNC 1/2-13 | 13.00 | 81.82 | .367 x .275 | E | 3BX | T300-XM103AE-1/2 | C110, C145, C150 | 9.3 | 12.70 | 110.0 | 18.0 | 3 | DIN 2184-1/ANSI | |
| | | 3.221 | | | | | | .367 | .500 | 4.331 | .709 | | | |
| UNC 9/16-12 | 12.00 | 80.30 | .429 x .322 | E | 3BX | T300-XM103AE-9/16 | C110, C145, C150 | 10.9 | 14.29 | 110.0 | 20.1 | 3 | DIN 2184-1/ANSI | |
| | | 3.161 | | | | | | .429 | .563 | 4.331 | .791 | | | |
| UNC 5/8-11 | 11.00 | 65.78 | .480 x .360 | E | 3BX | T300-XM103AE-5/8 | C110, C145, C150 | 12.2 | 15.88 | 110.0 | 20.1 | 4 | DIN 2184-1/ANSI | |
| | | 2.590 | | | | | | .480 | .625 | 4.331 | .791 | | | |
| UNC 3/4-10 | 10.00 | 77.47 | .590 x .442 | E | 3BX | T300-XM103AE-3/4 | C110, C145, C150 | 15.0 | 19.05 | 125.0 | 24.9 | 4 | DIN 2184-1/ANSI | |
| | | 3.050 | | | | | | .590 | .750 | 4.921 | .980 | | | |
| UNC 7/8-9 | 9.00 | 90.95 | .697 x .523 | E | 3BX | T300-XM103AE-7/8 | C110, C145, C150 | 17.7 | 22.23 | 140.0 | 24.9 | 4 | DIN 2184-1/ANSI | |
| | | 3.581 | | | | | | .697 | .875 | 5.512 | .980 | | | |
| UNC 1"-8 | 8.00 | 95.43 | .800 x .600 | E | 3BX | T300-XM103AE-1 | C110, C145, C150 | 20.3 | 25.40 | 160.0 | 30.0 | 4 | DIN 2184-1/ANSI | |
| | | 3.757 | | | | | | .800 | 1.000 | 6.299 | 1.181 | | | |

D

E



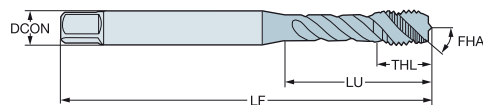
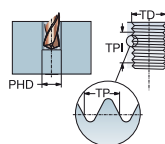
CoroTap™ 300, gwintownik ze śrubowymi rowkami wiórowymi

Zarys gwintu: UNF

DIN 2184-1

ULDR
FHA
SUBSTRATE

2.5
45°
HSS-PM



B



| | | | | | | | Wymiary, mm, cal | | | | | | |
|-------------|-------|--------|-------------------|-------|------|--------------------|------------------|------|-------|-------|-------|-----|------------|
| TDZ | TPI | LU | CZC _{JS} | THCHT | TCTR | Oznaczenie | GRADE | DCON | TD | LF | THL | NOF | BSG |
| UNF #8-36 | 36.00 | 21.00 | 4.50 x 3.40 | C | 2B | T300-XM100DF-8-36 | C110, C145, C150 | 4.5 | 4.17 | 63.0 | 6.5 | 3 | DIN 2184-1 |
| | | .827 | | | | | | .177 | .164 | 2.480 | .256 | | |
| UNF #10-32 | 32.00 | 25.00 | 6.00 x 4.90 | C | 2B | T300-XM100DF-10-32 | C110, C145, C150 | 6.0 | 4.83 | 70.0 | 7.3 | 3 | DIN 2184-1 |
| | | .984 | | | | | | .236 | .190 | 2.756 | .287 | | |
| UNF 1/4-28 | 28.00 | 30.00 | 7.00 x 5.50 | C | 2B | T300-XM100DF-1/4 | C110, C145, C150 | 7.0 | 6.35 | 80.0 | 10.0 | 3 | DIN 2184-1 |
| | | 1.181 | | | | | | .276 | .250 | 3.150 | .394 | | |
| UNF 5/16-24 | 24.00 | 35.00 | 8.00 x 6.20 | C | 2B | T300-XM100DF-5/16 | C110, C145, C150 | 8.0 | 7.94 | 90.0 | 12.0 | 3 | DIN 2184-1 |
| | | 1.378 | | | | | | .315 | .313 | 3.543 | .472 | | |
| UNF 3/8-24 | 24.00 | 39.00 | 10.00 x 8.00 | C | 2B | T300-XM100DF-3/8 | C110, C145, C150 | 10.0 | 9.53 | 100.0 | 15.0 | 3 | DIN 2184-1 |
| | | 1.535 | | | | | | .394 | .375 | 3.937 | .591 | | |
| UNF 7/16-20 | 20.00 | 75.75 | 8.00 x 6.20 | C | 2B | T300-XM101DF-7/16 | C110, C145, C150 | 8.0 | 11.11 | 100.0 | 15.0 | 3 | DIN 2184-1 |
| | | 2.982 | | | | | | .315 | .438 | 3.937 | .591 | | |
| UNF 1/2-20 | 20.00 | 83.00 | 9.00 x 7.00 | C | 2B | T300-XM101DF-1/2 | C110, C145, C150 | 9.0 | 12.70 | 110.0 | 18.0 | 3 | DIN 2184-1 |
| | | 3.268 | | | | | | .354 | .500 | 4.331 | .709 | | |
| UNF 5/8-18 | 18.00 | 67.75 | 12.00 x 9.00 | C | 2B | T300-XM101DF-5/8 | C110, C145, C150 | 12.0 | 15.88 | 110.0 | 20.0 | 4 | DIN 2184-1 |
| | | 2.667 | | | | | | .472 | .625 | 4.331 | .787 | | |
| UNF 3/4-16 | 16.00 | 77.50 | 14.00 x 11.00 | C | 2B | T300-XM101DF-3/4 | B110, B145, B150 | 14.0 | 19.05 | 125.0 | 25.0 | 4 | DIN 2184-1 |
| | | 3.051 | | | | | | .551 | .750 | 4.921 | .984 | | |
| UNF 7/8-14 | 14.00 | 92.75 | 18.00 x 14.50 | C | 2B | T300-XM101DF-7/8 | B110, B145, B150 | 18.0 | 22.23 | 140.0 | 25.0 | 4 | DIN 2184-1 |
| | | 3.652 | | | | | | .709 | .875 | 5.512 | .984 | | |
| UNF 1"-12 | 12.00 | 113.00 | 18.00 x 14.50 | C | 2B | T300-XM101DF-1 | B110, B145, B150 | 18.0 | 25.40 | 160.0 | 30.0 | 4 | DIN 2184-1 |
| | | 4.449 | | | | | | .709 | 1.000 | 6.299 | 1.181 | | |

C

D

E



E30



E41



E45



E36



E59



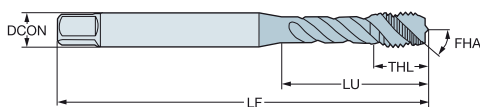
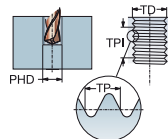
E38

CoroTap™ 300, gwintownik ze śrubowymi rowkami wiórowymi

Zarys gwintu: UNF
DIN 2184-1/ANSI

ULDR
FHA
SUBSTRATE

2.5
45°
HSS-PM



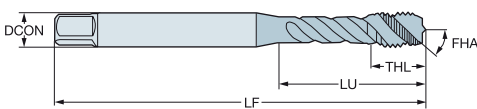
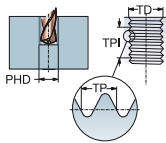
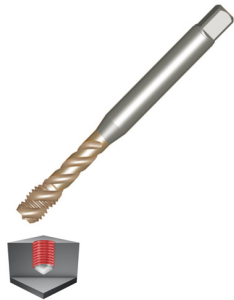
| | | | | | | | Wymiary, mm, cal/e | | | | | | |
|-------------|-------|----------------|-------------------|-------|------|--------------------|--------------------|--------------|----------------|----------------|---------------|-----|-----------------|
| TDZ | TPI | LU | CZC _{MS} | THCHT | TCTR | Oznaczenie | GRADE | DCON | TD | LF | THL | NOF | BSG |
| UNF #4-48 | 48.00 | 17.50 .689 | .141 x .110 | C | 3BX | T300-XM100AF-4-48 | C110, C145, C150 | 3.6 .141 | 2.84 .112 | 56.0 2.205 | 7.1 .280 | 3 | DIN 2184-1/ANSI |
| UNF #6-40 | 40.00 | 20.50 .807 | .141 x .110 | C | 3BX | T300-XM100AF-6-40 | C110, C145, C150 | 3.6 .141 | 3.51 .138 | 56.0 2.205 | 7.1 .280 | 3 | DIN 2184-1/ANSI |
| UNF #8-36 | 36.00 | 21.50 .846 | .168 x .131 | C | 3BX | T300-XM100AF-8-36 | C110, C145, C150 | 4.3 .168 | 4.17 .164 | 63.0 2.480 | 7.7 .303 | 3 | DIN 2184-1/ANSI |
| UNF #10-32 | 32.00 | 28.00 1.102 | .194 x .152 | C | 3BX | T300-XM100AF-10-32 | C110, C145, C150 | 4.9 .194 | 4.83 .190 | 70.0 2.756 | 8.9 .350 | 3 | DIN 2184-1/ANSI |
| UNF #12-28 | 28.00 | 31.00 1.220 | .220 x .165 | C | 3BX | T300-XM100AF-12-28 | C110, C145, C150 | 5.6 .220 | 5.49 .216 | 80.0 3.150 | 9.9 .390 | 3 | DIN 2184-1/ANSI |
| UNF 1/4-28 | 28.00 | 25.00 .984 | .255 x .191 | C | 3BX | T300-XM100AF-1/4 | C110, C145, C150 | 6.5 .255 | 6.35 .250 | 80.0 3.150 | 10.8 .425 | 3 | DIN 2184-1/ANSI |
| UNF 5/16-24 | 24.00 | 34.00 1.339 | .318 x .238 | C | 3BX | T300-XM100AF-5/16 | C110, C145, C150 | 8.1 .318 | 7.94 .313 | 90.0 3.543 | 12.9 .508 | 3 | DIN 2184-1/ANSI |
| UNF 3/8-24 | 24.00 | 37.50 1.476 | .381 x .286 | C | 3BX | T300-XM100AF-3/8 | C110, C145, C150 | 9.7 .381 | 9.53 .375 | 90.0 3.543 | 15.0 .591 | 3 | DIN 2184-1/ANSI |
| UNF 7/16-20 | 20.00 | 72.59 2.858 | .367 x .275 | C | 3BX | T300-XM101AF-7/16 | C110, C145, C150 | 9.3 .367 | 11.11 .438 | 100.0 3.937 | 15.0 .591 | 3 | DIN 2184-1/ANSI |
| UNF 1/2-20 | 20.00 | 71.82 2.828 | .367 x .275 | C | 3BX | T300-XM101AF-1/2 | C110, C145, C150 | 9.3 .367 | 12.70 .500 | 100.0 3.937 | 18.0 .709 | 3 | DIN 2184-1/ANSI |
| UNF 9/16-18 | 18.00 | 70.30 2.768 | .429 x .322 | C | 3BX | T300-XM101AF-9/16 | C110, C145, C150 | 10.9 .429 | 14.29 .563 | 100.0 3.937 | 19.1 .752 | 3 | DIN 2184-1/ANSI |
| UNF 5/8-18 | 18.00 | 55.78 2.196 | .480 x .360 | C | 3BX | T300-XM101AF-5/8 | C110, C145, C150 | 12.2 .480 | 15.88 .625 | 100.0 3.937 | 20.1 .791 | 4 | DIN 2184-1/ANSI |
| UNF 3/4-16 | 16.00 | 62.47 2.459 | .590 x .442 | C | 3BX | T300-XM101AF-3/4 | C110, C145, C150 | 15.0 .590 | 19.05 .750 | 110.0 4.331 | 24.9 .980 | 4 | DIN 2184-1/ANSI |
| UNF 7/8-14 | 14.00 | 75.95 2.990 | .697 x .523 | C | 3BX | T300-XM101AF-7/8 | C110, C145, C150 | 17.7 .697 | 22.23 .875 | 125.0 4.921 | 24.9 .980 | 4 | DIN 2184-1/ANSI |
| UNF 1"-12 | 12.00 | 75.43 2.970 | .800 x .600 | C | 3BX | T300-XM101AF-1-12 | C110, C145, C150 | 20.3 .800 | 25.40 1.000 | 140.0 5.512 | 26.9 1.059 | 4 | DIN 2184-1/ANSI |
| UNF #4-48 | 48.00 | 17.50 .689 | .141 x .110 | E | 3BX | T300-XM102AF-4-48 | C110, C145, C150 | 3.6 .141 | 2.84 .112 | 56.0 2.205 | 7.1 .280 | 3 | DIN 2184-1/ANSI |
| UNF #6-40 | 40.00 | 20.50 .807 | .141 x .110 | E | 3BX | T300-XM102AF-6-40 | C110, C145, C150 | 3.6 .141 | 3.51 .138 | 56.0 2.205 | 7.1 .280 | 3 | DIN 2184-1/ANSI |
| UNF #8-36 | 36.00 | 21.50 .846 | .168 x .131 | E | 3BX | T300-XM102AF-8-36 | C110, C145, C150 | 4.3 .168 | 4.17 .164 | 63.0 2.480 | 7.7 .303 | 3 | DIN 2184-1/ANSI |
| UNF #10-32 | 32.00 | 28.00 1.102 | .194 x .152 | E | 3BX | T300-XM102AF-10-32 | C110, C145, C150 | 4.9 .194 | 4.83 .190 | 70.0 2.756 | 8.9 .350 | 3 | DIN 2184-1/ANSI |
| UNF #12-28 | 28.00 | 31.00 1.220 | .220 x .165 | E | 3BX | T300-XM102AF-12-28 | C110, C145, C150 | 5.6 .220 | 5.49 .216 | 80.0 3.150 | 9.9 .390 | 3 | DIN 2184-1/ANSI |
| UNF 1/4-28 | 28.00 | 25.00 .984 | .255 x .191 | E | 3BX | T300-XM102AF-1/4 | C110, C145, C150 | 6.5 .255 | 6.35 .250 | 80.0 3.150 | 10.8 .425 | 3 | DIN 2184-1/ANSI |
| UNF 5/16-24 | 24.00 | 34.00 1.339 | .318 x .238 | E | 3BX | T300-XM102AF-5/16 | C110, C145, C150 | 8.1 .318 | 7.94 .313 | 90.0 3.543 | 12.9 .508 | 3 | DIN 2184-1/ANSI |



CoroTap™ 300, gwintownik ze śrubowymi rowkami wiórowymi

Zarys gwintu: UNF
DIN 2184-1/ANSI

ULDR 2.5
FHA 45°
SUBSTRATE HSS-PM



| | | | | | | | | | | Wymiary, mm, cal | | | |
|-------------|-------|----------------|---------------------|-------|------|-------------------|------------------|--------------|----------------|------------------|---------------|-----|-----------------|
| TDZ | TPI | LU | CZC _{0.05} | THCHT | TCTR | Oznaczenie | GRADE | DCON | TD | LF | THL | NOF | BSG |
| UNF 3/8-24 | 24.00 | 37.50 1.476 | .381 x .286 | E | 3BX | T300-XM102AF-3/8 | C110, C145, C150 | 9.7 .381 | 9.53 .375 | 90.0 3.543 | 15.0 .591 | 3 | DIN 2184-1/ANSI |
| UNF 7/16-20 | 20.00 | 72.59 2.858 | .323 x .242 | E | 3BX | T300-XM103AF-7/16 | C110, C145, C150 | 8.2 .323 | 11.11 .438 | 100.0 3.937 | 15.0 .591 | 3 | DIN 2184-1/ANSI |
| UNF 1/2-20 | 20.00 | 71.82 2.828 | .367 x .275 | E | 3BX | T300-XM103AF-1/2 | C110, C145, C150 | 9.3 .367 | 12.70 .500 | 100.0 3.937 | 18.0 .709 | 3 | DIN 2184-1/ANSI |
| UNF 9/16-18 | 18.00 | 70.30 2.768 | .429 x .322 | E | 3BX | T300-XM103AF-9/16 | C110, C145, C150 | 10.9 .429 | 14.29 .563 | 100.0 3.937 | 19.1 .752 | 3 | DIN 2184-1/ANSI |
| UNF 5/8-18 | 18.00 | 55.78 2.196 | .480 x .360 | E | 3BX | T300-XM103AF-5/8 | C110, C145, C150 | 12.2 .480 | 15.88 .625 | 100.0 3.937 | 20.1 .791 | 4 | DIN 2184-1/ANSI |
| UNF 3/4-16 | 16.00 | 62.47 2.459 | .590 x .442 | E | 3BX | T300-XM103AF-3/4 | C110, C145, C150 | 15.0 .590 | 19.05 .750 | 110.0 4.331 | 24.9 .980 | 4 | DIN 2184-1/ANSI |
| UNF 7/8-14 | 14.00 | 75.95 2.990 | .697 x .523 | E | 3BX | T300-XM103AF-7/8 | C110, C145, C150 | 17.7 .697 | 22.23 .875 | 125.0 4.921 | 24.9 .980 | 4 | DIN 2184-1/ANSI |
| UNF 1"-12 | 12.00 | 75.43 2.970 | .800 x .600 | E | 3BX | T300-XM103AF-1-12 | C110, C145, C150 | 20.3 .800 | 25.40 1.000 | 140.0 5.512 | 26.9 1.059 | 4 | DIN 2184-1/ANSI |

E30

E41

E45

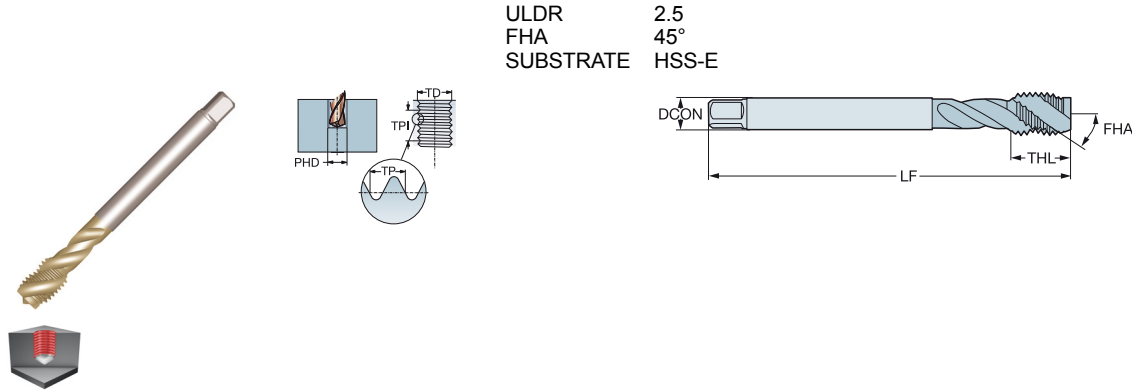
E36

E59

E38

CoroTap™ 300, gwintownik ze śrubowymi rowkami wiórowymi

Zarys gwintu: G
DIN 5156



P

M

K

N

S

| | | | | | | | | Wymiary, mm, cale | | | | | |
|------------|-------|--------|-------------------|-------|--------|--------------------|------------------|-------------------|-------|-------|------|-----|----------|
| TDZ | TPI | LU | CZC _{MS} | THCHT | TCTR | Oznaczenie | GRADE | DCON | TD | LF | THL | NOF | BSG |
| G 1/8-28 | 28.00 | 67.00 | 7.00 x 5.50 | C | NORMAL | T300-XM100DK-1/8 | C110, C145, C150 | 7.0 | 9.73 | 90.0 | 13.0 | 3 | DIN 5156 |
| | | 2.638 | | | | | | .276 | .383 | 3.543 | .512 | | |
| G 1/4-19 | 19.00 | 71.00 | 11.00 x 9.00 | C | NORMAL | T300-XM100DK-1/4 | C110, C145, C150 | 11.0 | 13.16 | 100.0 | 15.0 | 3 | DIN 5156 |
| | | 2.795 | | | | | | .433 | .518 | 3.937 | .591 | | |
| G 3/8-19 | 19.00 | 58.00 | 12.00 x 9.00 | C | NORMAL | T300-XM100DK-3/8 | C110, C145, C150 | 12.0 | 16.66 | 100.0 | 15.0 | 4 | DIN 5156 |
| | | 2.283 | | | | | | .472 | .656 | 3.937 | .591 | | |
| G 1/2-14 | 14.00 | 80.00 | 16.00 x 12.00 | C | NORMAL | T300-XM100DK-1/2 | B110, B145, B150 | 16.0 | 20.96 | 125.0 | 18.0 | 4 | DIN 5156 |
| | | 3.150 | | | | | | .630 | .825 | 4.921 | .709 | | |
| G 5/8-14 | 14.00 | 78.00 | 18.00 x 14.50 | C | NORMAL | T300-XM100DK-5/8 | B110, B145, B150 | 18.0 | 22.91 | 125.0 | 18.0 | 4 | DIN 5156 |
| | | 3.071 | | | | | | .709 | .902 | 4.921 | .709 | | |
| G 3/4-14 | 14.00 | 77.00 | 20.00 x 16.00 | C | NORMAL | T300-XM100DK-3/4 | B110, B145, B150 | 20.0 | 26.44 | 140.0 | 20.0 | 4 | DIN 5156 |
| | | 3.032 | | | | | | .787 | 1.041 | 5.512 | .787 | | |
| G 7/8-14 | 14.00 | 85.00 | 22.00 x 18.00 | C | NORMAL | T300-XM100DK-7/8 | B110, B145, B150 | 22.0 | 30.20 | 150.0 | 20.0 | 4 | DIN 5156 |
| | | 3.346 | | | | | | .866 | 1.189 | 5.906 | .787 | | |
| G 1"-11 | 11.00 | 93.00 | 25.00 x 20.00 | C | NORMAL | T300-XM100DK-1 | B110, B145, B150 | 25.0 | 33.25 | 160.0 | 22.0 | 4 | DIN 5156 |
| | | 3.661 | | | | | | .984 | 1.309 | 6.299 | .866 | | |
| G 1.1/8-11 | 11.00 | 101.00 | 28.00 x 22.00 | C | NORMAL | T300-XM100DK-1.1/8 | B110, B145, B150 | 28.0 | 37.90 | 170.0 | 22.0 | 4 | DIN 5156 |
| | | 3.976 | | | | | | 1.102 | 1.492 | 6.693 | .866 | | |
| G 1.1/4-11 | 11.00 | 72.00 | 32.00 x 24.00 | C | NORMAL | T300-XM100DK-1.1/4 | B110, B145, B150 | 32.0 | 41.91 | 170.0 | 22.0 | 4 | DIN 5156 |
| | | 2.835 | | | | | | 1.260 | 1.650 | 6.693 | .866 | | |
| G 1.1/2-11 | 11.00 | 87.00 | 36.00 x 29.00 | C | NORMAL | T300-XM100DK-1.1/2 | B110, B145, B150 | 36.0 | 47.80 | 190.0 | 23.0 | 4 | DIN 5156 |
| | | 3.425 | | | | | | 1.417 | 1.882 | 7.480 | .906 | | |

Rozwiercanie

CoroReamer™ 435

Wszechstronny i bardzo wydajny rozwiertak do stosowania w szerokim spektrum materiałów

Cechy i korzyści

- Wysokie parametry skrawania zapewniają dużą produktywność
- Oszczędność czasu i środków dzięki przewidywalności wyników obróbki i dobrej produktywności
- Bardzo mała chropowatość powierzchni obrabianego przedmiotu
- Wyjątkowa prostoliniowość sprzyjająca wysokiej trwałości i precyzji wymiarowej
- Narzędzie pełnowęglikowe o wysokiej sztywności
- Doprowadzenie chłodziwa przez rozwiertak usprawnia usuwanie wiórów i spowalnia zużycie narzędzia

Obszar stosowania wg ISO:



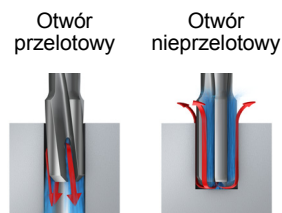
Narzędzia niestandardowe, patrz strona E36

www.sandvik.coromant.com/cororeamer435

Uniwersalne, wydajne i bezpieczne narzędzia przeznaczone do różnych zastosowań, przedmiotów różnej wielkości i kształtu wykonanych z różnych materiałów, umożliwiają optymalne wykorzystanie obrabiarki.

Bardzo nierównomierne odstępy między ostrzami

W przypadku bardzo nierównomiernej podziałki, odstępy między kolejnymi ostrzami są różnej wielkości. Ponieważ nie ma ostrzy osadzonych dokładnie naprzeciw siebie, poprawia się okrągłość otworu wykonanego przez rozwiertak.



E50

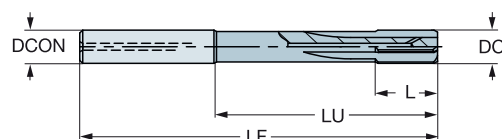
CoroReamer™ 435, rozwiertak węglkowy

Do różnych materiałów

Do otworów nieprzelotowych

CNSC
CXSC
SUBSTRATE
COATING

1
1
HF
UNCOATED



| | | | | | | | | | | | Wymiary, mm, cal | | | | | | | | | | |
|-------|------|-------|-------|-------------------|------------------|-------|-------|-------|--------|-------|------------------|-------|-------|------|--------|-------|------|-------|-------|------|----------|
| DC | DC" | LU | LU" | CZC _{MS} | Oznaczenie | GRADE | DCON | DCON" | OAL | OAL" | LCF | LCF" | L | L" | LF | LF" | APMX | APMX" | PHD | PHD" | BSG |
| 3.97 | .156 | 39.00 | 1.535 | 6 | 435.B-0397-A1-XF | H10F | 6.00 | .236 | 75.00 | 2.953 | 15.60 | .614 | 12.00 | .472 | 74.40 | 2.929 | 0.3 | .012 | 3.80 | .150 | COROMANT |
| 3.98 | .157 | 39.00 | 1.535 | 6 | 435.B-0398-A1-XF | H10F | 6.00 | .236 | 75.00 | 2.953 | 15.60 | .614 | 12.00 | .472 | 74.40 | 2.929 | 0.3 | .012 | 3.80 | .150 | COROMANT |
| 3.99 | .157 | 39.00 | 1.535 | 6 | 435.B-0399-A1-XF | H10F | 6.00 | .236 | 75.00 | 2.953 | 15.60 | .614 | 12.00 | .472 | 74.40 | 2.929 | 0.3 | .012 | 3.80 | .150 | COROMANT |
| 4.00 | .157 | 39.00 | 1.535 | 6 | 435.B-0400-A1-XF | H10F | 6.00 | .236 | 75.00 | 2.953 | 15.60 | .614 | 12.00 | .472 | 74.40 | 2.929 | 0.3 | .012 | 3.80 | .150 | COROMANT |
| 4.01 | .158 | 39.00 | 1.535 | 6 | 435.B-0401-A1-XF | H10F | 6.00 | .236 | 75.00 | 2.953 | 15.60 | .614 | 12.00 | .472 | 74.40 | 2.929 | 0.3 | .012 | 3.80 | .150 | COROMANT |
| 4.02 | .158 | 39.00 | 1.535 | 6 | 435.B-0402-A1-XF | H10F | 6.00 | .236 | 75.00 | 2.953 | 15.60 | .614 | 12.00 | .472 | 74.40 | 2.929 | 0.3 | .012 | 3.80 | .150 | COROMANT |
| 4.03 | .159 | 39.00 | 1.535 | 6 | 435.B-0403-A1-XF | H10F | 6.00 | .236 | 75.00 | 2.953 | 15.60 | .614 | 12.00 | .472 | 74.39 | 2.929 | 0.3 | .012 | 3.80 | .150 | COROMANT |
| 4.50 | .177 | 39.00 | 1.535 | 6 | 435.B-0450-A1-XF | H10F | 6.00 | .236 | 75.00 | 2.953 | 15.60 | .614 | 12.00 | .472 | 74.32 | 2.926 | 0.3 | .012 | 4.30 | .169 | COROMANT |
| 4.97 | .196 | 39.00 | 1.535 | 6 | 435.B-0497-A1-XF | H10F | 6.00 | .236 | 75.00 | 2.953 | 15.60 | .614 | 12.00 | .472 | 74.25 | 2.923 | 0.3 | .012 | 4.80 | .189 | COROMANT |
| 4.98 | .196 | 39.00 | 1.535 | 6 | 435.B-0498-A1-XF | H10F | 6.00 | .236 | 75.00 | 2.953 | 15.60 | .614 | 12.00 | .472 | 74.25 | 2.923 | 0.3 | .012 | 4.80 | .189 | COROMANT |
| 4.99 | .196 | 39.00 | 1.535 | 6 | 435.B-0499-A1-XF | H10F | 6.00 | .236 | 75.00 | 2.953 | 15.60 | .614 | 12.00 | .472 | 74.25 | 2.923 | 0.3 | .012 | 4.80 | .189 | COROMANT |
| 5.00 | .197 | 39.00 | 1.535 | 6 | 435.B-0500-A1-XF | H10F | 6.00 | .236 | 75.00 | 2.953 | 15.60 | .614 | 12.00 | .472 | 74.25 | 2.923 | 0.3 | .012 | 4.80 | .189 | COROMANT |
| 5.01 | .197 | 39.00 | 1.535 | 6 | 435.B-0501-A1-XF | H10F | 6.00 | .236 | 75.00 | 2.953 | 15.60 | .614 | 12.00 | .472 | 74.25 | 2.923 | 0.3 | .012 | 4.80 | .189 | COROMANT |
| 5.02 | .198 | 39.00 | 1.535 | 6 | 435.B-0502-A1-XF | H10F | 6.00 | .236 | 75.00 | 2.953 | 15.60 | .614 | 12.00 | .472 | 74.25 | 2.923 | 0.3 | .012 | 4.80 | .189 | COROMANT |
| 5.03 | .198 | 39.00 | 1.535 | 6 | 435.B-0503-A1-XF | H10F | 6.00 | .236 | 75.00 | 2.953 | 15.60 | .614 | 12.00 | .472 | 74.24 | 2.923 | 0.3 | .012 | 4.80 | .189 | COROMANT |
| 5.50 | .217 | 39.00 | 1.535 | 6 | 435.B-0550-A1-XF | H10F | 6.00 | .236 | 75.00 | 2.953 | 15.60 | .614 | 12.00 | .472 | 74.17 | 2.920 | 0.3 | .012 | 5.30 | .209 | COROMANT |
| 5.97 | .235 | 39.00 | 1.535 | 6 | 435.B-0597-A1-XF | H10F | 6.00 | .236 | 75.00 | 2.953 | 15.60 | .614 | 12.00 | .472 | 74.10 | 2.917 | 0.3 | .012 | 5.80 | .228 | COROMANT |
| 5.98 | .235 | 39.00 | 1.535 | 6 | 435.B-0598-A1-XF | H10F | 6.00 | .236 | 75.00 | 2.953 | 15.60 | .614 | 12.00 | .472 | 74.10 | 2.917 | 0.3 | .012 | 5.80 | .228 | COROMANT |
| 5.99 | .236 | 39.00 | 1.535 | 6 | 435.B-0599-A1-XF | H10F | 6.00 | .236 | 75.00 | 2.953 | 15.60 | .614 | 12.00 | .472 | 74.10 | 2.917 | 0.3 | .012 | 5.80 | .228 | COROMANT |
| 6.00 | .236 | 39.00 | 1.535 | 6 | 435.B-0600-A1-XF | H10F | 6.00 | .236 | 75.00 | 2.953 | 15.60 | .614 | 12.00 | .472 | 74.10 | 2.917 | 0.3 | .012 | 5.80 | .228 | COROMANT |
| 6.01 | .237 | 39.00 | 1.535 | 6 | 435.B-0601-A1-XF | H10F | 6.00 | .236 | 75.00 | 2.953 | 15.60 | .614 | 12.00 | .472 | 74.10 | 2.917 | 0.3 | .012 | 5.80 | .228 | COROMANT |
| 6.02 | .237 | 39.00 | 1.535 | 6 | 435.B-0602-A1-XF | H10F | 6.00 | .236 | 75.00 | 2.953 | 15.60 | .614 | 12.00 | .472 | 74.10 | 2.917 | 0.3 | .012 | 5.80 | .228 | COROMANT |
| 6.03 | .237 | 39.00 | 1.535 | 6 | 435.B-0603-A1-XF | H10F | 6.00 | .236 | 75.00 | 2.953 | 15.60 | .614 | 12.00 | .472 | 74.09 | 2.917 | 0.3 | .012 | 5.80 | .228 | COROMANT |
| 6.50 | .256 | 64.00 | 2.520 | 8 | 435.B-0650-A1-XF | H10F | 8.00 | .315 | 100.00 | 3.937 | 20.80 | .819 | 16.00 | .630 | 99.02 | 3.898 | 0.3 | .012 | 6.30 | .248 | COROMANT |
| 7.00 | .276 | 64.00 | 2.520 | 8 | 435.B-0700-A1-XF | H10F | 8.00 | .315 | 100.00 | 3.937 | 20.80 | .819 | 16.00 | .630 | 98.95 | 3.896 | 0.3 | .012 | 6.80 | .268 | COROMANT |
| 7.50 | .295 | 64.00 | 2.520 | 8 | 435.B-0750-A1-XF | H10F | 8.00 | .315 | 100.00 | 3.937 | 20.80 | .819 | 16.00 | .630 | 98.87 | 3.893 | 0.3 | .012 | 7.30 | .287 | COROMANT |
| 7.97 | .314 | 64.00 | 2.520 | 8 | 435.B-0797-A1-XF | H10F | 8.00 | .315 | 100.00 | 3.937 | 20.80 | .819 | 16.00 | .630 | 98.80 | 3.890 | 0.3 | .012 | 7.80 | .307 | COROMANT |
| 7.98 | .314 | 64.00 | 2.520 | 8 | 435.B-0798-A1-XF | H10F | 8.00 | .315 | 100.00 | 3.937 | 20.80 | .819 | 16.00 | .630 | 98.80 | 3.890 | 0.3 | .012 | 7.80 | .307 | COROMANT |
| 7.99 | .315 | 64.00 | 2.520 | 8 | 435.B-0799-A1-XF | H10F | 8.00 | .315 | 100.00 | 3.937 | 20.80 | .819 | 16.00 | .630 | 98.80 | 3.890 | 0.3 | .012 | 7.80 | .307 | COROMANT |
| 8.00 | .315 | 64.00 | 2.520 | 8 | 435.B-0800-A1-XF | H10F | 8.00 | .315 | 100.00 | 3.937 | 20.80 | .819 | 16.00 | .630 | 98.80 | 3.890 | 0.3 | .012 | 7.80 | .307 | COROMANT |
| 8.01 | .315 | 64.00 | 2.520 | 8 | 435.B-0801-A1-XF | H10F | 8.00 | .315 | 100.00 | 3.937 | 20.80 | .819 | 16.00 | .630 | 98.80 | 3.890 | 0.3 | .012 | 7.80 | .307 | COROMANT |
| 8.02 | .316 | 64.00 | 2.520 | 8 | 435.B-0802-A1-XF | H10F | 8.00 | .315 | 100.00 | 3.937 | 20.80 | .819 | 16.00 | .630 | 98.79 | 3.889 | 0.3 | .012 | 7.80 | .307 | COROMANT |
| 8.03 | .316 | 64.00 | 2.520 | 8 | 435.B-0803-A1-XF | H10F | 8.00 | .315 | 100.00 | 3.937 | 20.80 | .819 | 16.00 | .630 | 98.79 | 3.889 | 0.3 | .012 | 7.80 | .307 | COROMANT |
| 8.50 | .335 | 60.00 | 2.362 | 10 | 435.B-0850-A1-XF | H10F | 10.00 | .394 | 100.00 | 3.937 | 26.00 | 1.024 | 20.00 | .787 | 98.72 | 3.887 | 0.3 | .012 | 8.30 | .327 | COROMANT |
| 9.00 | .354 | 60.00 | 2.362 | 10 | 435.B-0900-A1-XF | H10F | 10.00 | .394 | 100.00 | 3.937 | 26.00 | 1.024 | 20.00 | .787 | 98.65 | 3.884 | 0.3 | .012 | 8.80 | .346 | COROMANT |
| 9.50 | .374 | 80.00 | 3.150 | 10 | 435.B-0950-A1-XF | H10F | 10.00 | .394 | 120.00 | 4.724 | 26.00 | 1.024 | 20.00 | .787 | 118.57 | 4.668 | 0.3 | .012 | 9.30 | .366 | COROMANT |
| 9.97 | .393 | 80.00 | 3.150 | 10 | 435.B-0997-A1-XF | H10F | 10.00 | .394 | 120.00 | 4.724 | 26.00 | 1.024 | 20.00 | .787 | 118.50 | 4.665 | 0.3 | .012 | 9.80 | .386 | COROMANT |
| 9.98 | .393 | 80.00 | 3.150 | 10 | 435.B-0998-A1-XF | H10F | 10.00 | .394 | 120.00 | 4.724 | 26.00 | 1.024 | 20.00 | .787 | 118.50 | 4.665 | 0.3 | .012 | 9.80 | .386 | COROMANT |
| 9.99 | .393 | 80.00 | 3.150 | 10 | 435.B-0999-A1-XF | H10F | 10.00 | .394 | 120.00 | 4.724 | 26.00 | 1.024 | 20.00 | .787 | 118.50 | 4.665 | 0.3 | .012 | 9.80 | .386 | COROMANT |
| 10.00 | .394 | 80.00 | 3.150 | 10 | 435.B-1000-A1-XF | H10F | 10.00 | .394 | 120.00 | 4.724 | 26.00 | 1.024 | 20.00 | .787 | 118.50 | 4.665 | 0.3 | .012 | 9.80 | .386 | COROMANT |
| 10.01 | .394 | 80.00 | 3.150 | 10 | 435.B-1001-A1-XF | H10F | 10.00 | .394 | 120.00 | 4.724 | 26.00 | 1.024 | 20.00 | .787 | 118.50 | 4.665 | 0.3 | .012 | 9.80 | .386 | COROMANT |
| 10.02 | .394 | 80.00 | 3.150 | 10 | 435.B-1002-A1-XF | H10F | 10.00 | .394 | 120.00 | 4.724 | 26.00 | 1.024 | 20.00 | .787 | 118.49 | 4.665 | 0.3 | .012 | 9.80 | .386 | COROMANT |
| 10.03 | .395 | 80.00 | 3.150 | 10 | 435.B-1003-A1-XF | H10F | 10.00 | .394 | 120.00 | 4.724 | 26.00 | 1.024 | 20.00 | .787 | 118.49 | 4.665 | 0.3 | .012 | 9.80 | .386 | COROMANT |
| 10.50 | .413 | 75.00 | 2.953 | 12 | 435.B-1050-A1-XF | H10F | 12.00 | .472 | 120.00 | 4.724 | 26.00 | 1.024 | 20.00 | .787 | 118.42 | 4.662 | 0.3 | .012 | 10.30 | .406 | COROMANT |

Rozwiertaki o pełnym wymiarze średnicy wykonują otwory w tolerancji H7

Pośrednie średnice rozwiertaków (odchyłka do +0.004 mm) umożliwiają obróbkę otworów o lepszej dokładności



E32



E45



E36



E60



E50



A

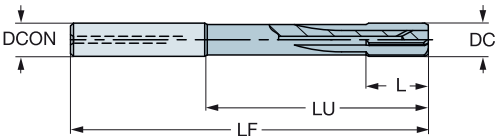
ROZWIERCANIE

CoroReamer™ 435, rozwiertak węglkowy

Do różnych materiałów

Do otworów nieprzelotowych

CNSC 1
CXSC 1
SUBSTRATE HF
COATING UNCOATED



B



C

| | | | | | | | Wymiary, mm, cal | | | | | | | | | | | | | | |
|-------|------|--------|-------|-------------------|------------------|-------|------------------|-------|--------|-------|-------|-------|-------|------|--------|-------|------|-------|-------|------|----------|
| DC | DC" | LU | LU" | CZC _{MS} | Oznaczenie | GRADE | DCON | DCON" | OAL | OAL" | LCF | LCF" | L | L" | LF | LF" | APMX | APMX" | PHD | PHD" | BSG |
| 11.00 | .433 | 75.00 | 2.953 | 12 | 435.B-1100-A1-XF | H10F | 12.00 | .472 | 120.00 | 4.724 | 26.00 | 1.024 | 20.00 | .787 | 118.35 | 4.659 | 0.3 | .012 | 10.80 | .425 | COROMANT |
| 11.50 | .453 | 75.00 | 2.953 | 12 | 435.B-1150-A1-XF | H10F | 12.00 | .472 | 120.00 | 4.724 | 26.00 | 1.024 | 20.00 | .787 | 118.27 | 4.656 | 0.3 | .012 | 11.30 | .445 | COROMANT |
| 11.97 | .471 | 75.00 | 2.953 | 12 | 435.B-1197-A1-XF | H10F | 12.00 | .472 | 120.00 | 4.724 | 26.00 | 1.024 | 20.00 | .787 | 118.20 | 4.654 | 0.3 | .012 | 11.80 | .465 | COROMANT |
| 11.98 | .472 | 75.00 | 2.953 | 12 | 435.B-1198-A1-XF | H10F | 12.00 | .472 | 120.00 | 4.724 | 26.00 | 1.024 | 20.00 | .787 | 118.20 | 4.654 | 0.3 | .012 | 11.80 | .465 | COROMANT |
| 11.99 | .472 | 75.00 | 2.953 | 12 | 435.B-1199-A1-XF | H10F | 12.00 | .472 | 120.00 | 4.724 | 26.00 | 1.024 | 20.00 | .787 | 118.20 | 4.654 | 0.3 | .012 | 11.80 | .465 | COROMANT |
| 12.00 | .472 | 75.00 | 2.953 | 12 | 435.B-1200-A1-XF | H10F | 12.00 | .472 | 120.00 | 4.724 | 26.00 | 1.024 | 20.00 | .787 | 118.20 | 4.654 | 0.3 | .012 | 11.80 | .465 | COROMANT |
| 12.01 | .473 | 75.00 | 2.953 | 12 | 435.B-1201-A1-XF | H10F | 12.00 | .472 | 120.00 | 4.724 | 26.00 | 1.024 | 20.00 | .787 | 118.20 | 4.654 | 0.3 | .012 | 11.80 | .465 | COROMANT |
| 12.02 | .473 | 75.00 | 2.953 | 12 | 435.B-1202-A1-XF | H10F | 12.00 | .472 | 120.00 | 4.724 | 26.00 | 1.024 | 20.00 | .787 | 118.19 | 4.653 | 0.3 | .012 | 11.80 | .465 | COROMANT |
| 12.03 | .474 | 75.00 | 2.953 | 12 | 435.B-1203-A1-XF | H10F | 12.00 | .472 | 120.00 | 4.724 | 26.00 | 1.024 | 20.00 | .787 | 118.19 | 4.653 | 0.3 | .012 | 11.80 | .465 | COROMANT |
| 13.00 | .512 | 85.00 | 3.346 | 14 | 435.B-1300-A1-XF | H10F | 14.00 | .551 | 130.00 | 5.118 | 28.60 | 1.126 | 22.00 | .866 | 128.05 | 5.041 | 0.3 | .012 | 12.80 | .504 | COROMANT |
| 14.00 | .551 | 85.00 | 3.346 | 14 | 435.B-1400-A1-XF | H10F | 14.00 | .551 | 130.00 | 5.118 | 28.60 | 1.126 | 22.00 | .866 | 127.90 | 5.035 | 0.3 | .012 | 13.80 | .543 | COROMANT |
| 15.00 | .591 | 82.00 | 3.228 | 16 | 435.B-1500-A1-XF | H10F | 16.00 | .630 | 130.00 | 5.118 | 28.60 | 1.126 | 22.00 | .866 | 127.75 | 5.030 | 0.3 | .012 | 14.80 | .583 | COROMANT |
| 16.00 | .630 | 102.00 | 4.016 | 16 | 435.B-1600-A1-XF | H10F | 16.00 | .630 | 150.00 | 5.906 | 32.50 | 1.280 | 25.00 | .984 | 147.60 | 5.811 | 0.3 | .012 | 15.80 | .622 | COROMANT |
| 17.00 | .669 | 102.00 | 4.016 | 18 | 435.B-1700-A1-XF | H10F | 18.00 | .709 | 150.00 | 5.906 | 32.50 | 1.280 | 25.00 | .984 | 147.45 | 5.805 | 0.3 | .012 | 16.80 | .661 | COROMANT |
| 18.00 | .709 | 102.00 | 4.016 | 18 | 435.B-1800-A1-XF | H10F | 18.00 | .709 | 150.00 | 5.906 | 32.50 | 1.280 | 25.00 | .984 | 147.30 | 5.799 | 0.3 | .012 | 17.80 | .701 | COROMANT |
| 19.00 | .748 | 100.00 | 3.937 | 20 | 435.B-1900-A1-XF | H10F | 20.00 | .787 | 150.00 | 5.906 | 32.50 | 1.280 | 25.00 | .984 | 147.14 | 5.793 | 0.3 | .012 | 18.80 | .740 | COROMANT |
| 20.00 | .787 | 100.00 | 3.937 | 20 | 435.B-2000-A1-XF | H10F | 20.00 | .787 | 150.00 | 5.906 | 32.50 | 1.280 | 25.00 | .984 | 146.99 | 5.787 | 0.3 | .012 | 19.80 | .780 | COROMANT |

Rozwiertaki o pełnym wymiarze średnicy wykonują otwory w tolerancji H7
Pośrednie średnice rozwiertaków (odchyłka do +0.004 mm) umożliwiają obróbkę otworów o lepszej dokładności

D

E

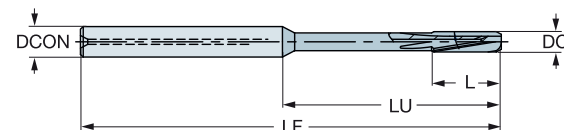
CoroReamer™ 435, rozwiertak węglkowy

Do różnych materiałów

Do otworów przelotowych

FHA
CNSC
CXSC
SUBSTRATE
COATING

10°
1
2
HF
UNCOATED



| Wymiary, mm, cal | | | | | | | | | | | | | | | | | | | |
|------------------|------|-------|-------|-------------------|------------------|-------|-------|-------|--------|-------|-------|-------|-------|------|--------|-------|------|-------|-------|
| DC | DC* | LU | LU* | CZC _{MS} | Oznaczenie | GRADE | DCON | DCON* | OAL | OAL* | LCF | LCF* | L | L* | LF | LF* | APMX | APMX* | PHD |
| 3.97 | .156 | 39.00 | 1.535 | 6 | 435.T-0397-A1-XF | H10F | 6.00 | .236 | 75.00 | 2.953 | 15.60 | .614 | 12.00 | .472 | 74.40 | 2.929 | 0.3 | .012 | 3.80 |
| 3.98 | .157 | 39.00 | 1.535 | 6 | 435.T-0398-A1-XF | H10F | 6.00 | .236 | 75.00 | 2.953 | 15.60 | .614 | 12.00 | .472 | 74.40 | 2.929 | 0.3 | .012 | 3.80 |
| 3.99 | .157 | 39.00 | 1.535 | 6 | 435.T-0399-A1-XF | H10F | 6.00 | .236 | 75.00 | 2.953 | 15.60 | .614 | 12.00 | .472 | 74.40 | 2.929 | 0.3 | .012 | 3.80 |
| 4.00 | .157 | 39.00 | 1.535 | 6 | 435.T-0400-A1-XF | H10F | 6.00 | .236 | 75.00 | 2.953 | 15.60 | .614 | 12.00 | .472 | 74.40 | 2.929 | 0.3 | .012 | 3.80 |
| 4.01 | .158 | 39.00 | 1.535 | 6 | 435.T-0401-A1-XF | H10F | 6.00 | .236 | 75.00 | 2.953 | 15.60 | .614 | 12.00 | .472 | 74.40 | 2.929 | 0.3 | .012 | 3.80 |
| 4.02 | .158 | 39.00 | 1.535 | 6 | 435.T-0402-A1-XF | H10F | 6.00 | .236 | 75.00 | 2.953 | 15.60 | .614 | 12.00 | .472 | 74.40 | 2.929 | 0.3 | .012 | 3.80 |
| 4.03 | .159 | 39.00 | 1.535 | 6 | 435.T-0403-A1-XF | H10F | 6.00 | .236 | 75.00 | 2.953 | 15.60 | .614 | 12.00 | .472 | 74.39 | 2.929 | 0.3 | .012 | 3.80 |
| 4.50 | .177 | 39.00 | 1.535 | 6 | 435.T-0450-A1-XF | H10F | 6.00 | .236 | 75.00 | 2.953 | 15.60 | .614 | 12.00 | .472 | 74.32 | 2.926 | 0.3 | .012 | 4.30 |
| 4.97 | .196 | 39.00 | 1.535 | 6 | 435.T-0497-A1-XF | H10F | 6.00 | .236 | 75.00 | 2.953 | 15.60 | .614 | 12.00 | .472 | 74.25 | 2.923 | 0.3 | .012 | 4.80 |
| 4.98 | .196 | 39.00 | 1.535 | 6 | 435.T-0498-A1-XF | H10F | 6.00 | .236 | 75.00 | 2.953 | 15.60 | .614 | 12.00 | .472 | 74.25 | 2.923 | 0.3 | .012 | 4.80 |
| 4.99 | .196 | 39.00 | 1.535 | 6 | 435.T-0499-A1-XF | H10F | 6.00 | .236 | 75.00 | 2.953 | 15.60 | .614 | 12.00 | .472 | 74.25 | 2.923 | 0.3 | .012 | 4.80 |
| 5.00 | .197 | 39.00 | 1.535 | 6 | 435.T-0500-A1-XF | H10F | 6.00 | .236 | 75.00 | 2.953 | 15.60 | .614 | 12.00 | .472 | 74.25 | 2.923 | 0.3 | .012 | 4.80 |
| 5.01 | .197 | 39.00 | 1.535 | 6 | 435.T-0501-A1-XF | H10F | 6.00 | .236 | 75.00 | 2.953 | 15.60 | .614 | 12.00 | .472 | 74.25 | 2.923 | 0.3 | .012 | 4.80 |
| 5.02 | .198 | 39.00 | 1.535 | 6 | 435.T-0502-A1-XF | H10F | 6.00 | .236 | 75.00 | 2.953 | 15.60 | .614 | 12.00 | .472 | 74.25 | 2.923 | 0.3 | .012 | 4.80 |
| 5.03 | .198 | 39.00 | 1.535 | 6 | 435.T-0503-A1-XF | H10F | 6.00 | .236 | 75.00 | 2.953 | 15.60 | .614 | 12.00 | .472 | 74.24 | 2.923 | 0.3 | .012 | 4.80 |
| 5.50 | .217 | 39.00 | 1.535 | 6 | 435.T-0550-A1-XF | H10F | 6.00 | .236 | 75.00 | 2.953 | 15.60 | .614 | 12.00 | .472 | 74.17 | 2.920 | 0.3 | .012 | 5.30 |
| 5.97 | .235 | 39.00 | 1.535 | 6 | 435.T-0597-A1-XF | H10F | 6.00 | .236 | 75.00 | 2.953 | 15.60 | .614 | 12.00 | .472 | 74.10 | 2.917 | 0.3 | .012 | 5.80 |
| 5.98 | .235 | 39.00 | 1.535 | 6 | 435.T-0598-A1-XF | H10F | 6.00 | .236 | 75.00 | 2.953 | 15.60 | .614 | 12.00 | .472 | 74.10 | 2.917 | 0.3 | .012 | 5.80 |
| 5.99 | .236 | 39.00 | 1.535 | 6 | 435.T-0599-A1-XF | H10F | 6.00 | .236 | 75.00 | 2.953 | 15.60 | .614 | 12.00 | .472 | 74.10 | 2.917 | 0.3 | .012 | 5.80 |
| 6.00 | .236 | 39.00 | 1.535 | 6 | 435.T-0600-A1-XF | H10F | 6.00 | .236 | 75.00 | 2.953 | 15.60 | .614 | 12.00 | .472 | 74.10 | 2.917 | 0.3 | .012 | 5.80 |
| 6.01 | .237 | 39.00 | 1.535 | 6 | 435.T-0601-A1-XF | H10F | 6.00 | .236 | 75.00 | 2.953 | 15.60 | .614 | 12.00 | .472 | 74.10 | 2.917 | 0.3 | .012 | 5.80 |
| 6.02 | .237 | 39.00 | 1.535 | 6 | 435.T-0602-A1-XF | H10F | 6.00 | .236 | 75.00 | 2.953 | 15.60 | .614 | 12.00 | .472 | 74.10 | 2.917 | 0.3 | .012 | 5.80 |
| 6.03 | .237 | 39.00 | 1.535 | 6 | 435.T-0603-A1-XF | H10F | 6.00 | .236 | 75.00 | 2.953 | 15.60 | .614 | 12.00 | .472 | 74.09 | 2.917 | 0.3 | .012 | 5.80 |
| 6.50 | .256 | 64.00 | 2.520 | 8 | 435.T-0650-A1-XF | H10F | 8.00 | .315 | 100.00 | 3.937 | 20.80 | .819 | 16.00 | .630 | 99.02 | 3.898 | 0.3 | .012 | 6.30 |
| 7.00 | .276 | 64.00 | 2.520 | 8 | 435.T-0700-A1-XF | H10F | 8.00 | .315 | 100.00 | 3.937 | 20.80 | .819 | 16.00 | .630 | 98.95 | 3.896 | 0.3 | .012 | 6.80 |
| 7.97 | .314 | 64.00 | 2.520 | 8 | 435.T-0797-A1-XF | H10F | 8.00 | .315 | 100.00 | 3.937 | 20.80 | .819 | 16.00 | .630 | 98.80 | 3.890 | 0.3 | .012 | 7.80 |
| 7.98 | .314 | 64.00 | 2.520 | 8 | 435.T-0798-A1-XF | H10F | 8.00 | .315 | 100.00 | 3.937 | 20.80 | .819 | 16.00 | .630 | 98.80 | 3.890 | 0.3 | .012 | 7.80 |
| 7.99 | .315 | 64.00 | 2.520 | 8 | 435.T-0799-A1-XF | H10F | 8.00 | .315 | 100.00 | 3.937 | 20.80 | .819 | 16.00 | .630 | 98.80 | 3.890 | 0.3 | .012 | 7.80 |
| 8.00 | .315 | 64.00 | 2.520 | 8 | 435.T-0800-A1-XF | H10F | 8.00 | .315 | 100.00 | 3.937 | 20.80 | .819 | 16.00 | .630 | 98.80 | 3.890 | 0.3 | .012 | 7.80 |
| 8.01 | .315 | 64.00 | 2.520 | 8 | 435.T-0801-A1-XF | H10F | 8.00 | .315 | 100.00 | 3.937 | 20.80 | .819 | 16.00 | .630 | 98.80 | 3.890 | 0.3 | .012 | 7.80 |
| 8.02 | .316 | 64.00 | 2.520 | 8 | 435.T-0802-A1-XF | H10F | 8.00 | .315 | 100.00 | 3.937 | 20.80 | .819 | 16.00 | .630 | 98.79 | 3.889 | 0.3 | .012 | 7.80 |
| 8.03 | .316 | 64.00 | 2.520 | 8 | 435.T-0803-A1-XF | H10F | 8.00 | .315 | 100.00 | 3.937 | 20.80 | .819 | 16.00 | .630 | 98.79 | 3.889 | 0.3 | .012 | 7.80 |
| 8.50 | .335 | 60.00 | 2.362 | 10 | 435.T-0850-A1-XF | H10F | 10.00 | .394 | 100.00 | 3.937 | 26.00 | 1.024 | 20.00 | .787 | 98.72 | 3.887 | 0.3 | .012 | 8.30 |
| 9.00 | .354 | 60.00 | 2.362 | 10 | 435.T-0900-A1-XF | H10F | 10.00 | .394 | 100.00 | 3.937 | 26.00 | 1.024 | 20.00 | .787 | 98.65 | 3.884 | 0.3 | .012 | 8.80 |
| 9.50 | .374 | 80.00 | 3.150 | 10 | 435.T-0950-A1-XF | H10F | 10.00 | .394 | 120.00 | 4.724 | 26.00 | 1.024 | 20.00 | .787 | 118.57 | 4.668 | 0.3 | .012 | 9.30 |
| 9.97 | .393 | 80.00 | 3.150 | 10 | 435.T-0997-A1-XF | H10F | 10.00 | .394 | 120.00 | 4.724 | 26.00 | 1.024 | 20.00 | .787 | 118.50 | 4.665 | 0.3 | .012 | 9.80 |
| 9.98 | .393 | 80.00 | 3.150 | 10 | 435.T-0998-A1-XF | H10F | 10.00 | .394 | 120.00 | 4.724 | 26.00 | 1.024 | 20.00 | .787 | 118.50 | 4.665 | 0.3 | .012 | 9.80 |
| 9.99 | .393 | 80.00 | 3.150 | 10 | 435.T-0999-A1-XF | H10F | 10.00 | .394 | 120.00 | 4.724 | 26.00 | 1.024 | 20.00 | .787 | 118.50 | 4.665 | 0.3 | .012 | 9.80 |
| 10.00 | .394 | 80.00 | 3.150 | 10 | 435.T-1000-A1-XF | H10F | 10.00 | .394 | 120.00 | 4.724 | 26.00 | 1.024 | 20.00 | .787 | 118.50 | 4.665 | 0.3 | .012 | 9.80 |
| 10.01 | .394 | 80.00 | 3.150 | 10 | 435.T-1001-A1-XF | H10F | 10.00 | .394 | 120.00 | 4.724 | 26.00 | 1.024 | 20.00 | .787 | 118.50 | 4.665 | 0.3 | .012 | 9.80 |
| 10.02 | .394 | 80.00 | 3.150 | 10 | 435.T-1002-A1-XF | H10F | 10.00 | .394 | 120.00 | 4.724 | 26.00 | 1.024 | 20.00 | .787 | 118.49 | 4.665 | 0.3 | .012 | 9.80 |
| 10.03 | .395 | 80.00 | 3.150 | 10 | 435.T-1003-A1-XF | H10F | 10.00 | .394 | 120.00 | 4.724 | 26.00 | 1.024 | 20.00 | .787 | 118.49 | 4.665 | 0.3 | .012 | 9.80 |
| 10.50 | .413 | 75.00 | 2.953 | 12 | 435.T-1050-A1-XF | H10F | 12.00 | .472 | 120.00 | 4.724 | 26.00 | 1.024 | 20.00 | .787 | 118.42 | 4.662 | 0.3 | .012 | 10.30 |
| 11.00 | .433 | 75.00 | 2.953 | 12 | 435.T-1100-A1-XF | H10F | 12.00 | .472 | 120.00 | 4.724 | 26.00 | 1.024 | 20.00 | .787 | 118.35 | 4.659 | 0.3 | .012 | 10.80 |

Rozwiertaki o pełnym wymiarze średnicy wykonują otwory w tolerancji H7

Pośrednie średnice rozwiertaków (odchyłka do +0.004 mm) umożliwiają obróbkę otworów o lepszej dokładności



E32



E45



E36



E60



E50



A

ROZWIERCANIE

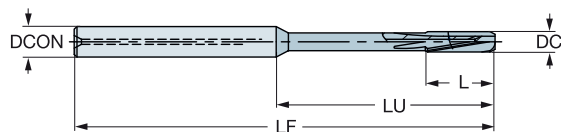
CoroReamer™ 435, rozwiertak węglkowy

Do różnych materiałów

Do otworów przelotowych

FHA
CNSC
CXSC
SUBSTRATE
COATING

10°
1
2
HF
UNCOATED



B



C

| Wymiary, mm, cal | | | | | | | | | | | | | | | | | | | |
|------------------|------|--------|-------|-------------------|------------------|-------|-------|-------|--------|-------|-------|-------|-------|------|--------|-------|------|-------|-------|
| DC | DC" | LU | LU" | CZC _{MS} | Oznaczenie | GRADE | DCON | DCON" | OAL | OAL" | LCF | LCF" | L | L" | LF | LF" | APMX | APMX" | PHD |
| 11.50 | .453 | 75.00 | 2.953 | 12 | 435.T-1150-A1-XF | H10F | 12.00 | .472 | 120.00 | 4.724 | 26.00 | 1.024 | 20.00 | .787 | 118.27 | 4.656 | 0.3 | .012 | 11.30 |
| 11.97 | .471 | 75.00 | 2.953 | 12 | 435.T-1197-A1-XF | H10F | 12.00 | .472 | 120.00 | 4.724 | 26.00 | 1.024 | 20.00 | .787 | 118.20 | 4.654 | 0.3 | .012 | 11.80 |
| 11.98 | .472 | 75.00 | 2.953 | 12 | 435.T-1198-A1-XF | H10F | 12.00 | .472 | 120.00 | 4.724 | 26.00 | 1.024 | 20.00 | .787 | 118.20 | 4.654 | 0.3 | .012 | 11.80 |
| 11.99 | .472 | 75.00 | 2.953 | 12 | 435.T-1199-A1-XF | H10F | 12.00 | .472 | 120.00 | 4.724 | 26.00 | 1.024 | 20.00 | .787 | 118.20 | 4.654 | 0.3 | .012 | 11.80 |
| 12.00 | .472 | 75.00 | 2.953 | 12 | 435.T-1200-A1-XF | H10F | 12.00 | .472 | 120.00 | 4.724 | 26.00 | 1.024 | 20.00 | .787 | 118.20 | 4.654 | 0.3 | .012 | 11.80 |
| 12.01 | .473 | 75.00 | 2.953 | 12 | 435.T-1201-A1-XF | H10F | 12.00 | .472 | 120.00 | 4.724 | 26.00 | 1.024 | 20.00 | .787 | 118.20 | 4.654 | 0.3 | .012 | 11.80 |
| 12.02 | .473 | 75.00 | 2.953 | 12 | 435.T-1202-A1-XF | H10F | 12.00 | .472 | 120.00 | 4.724 | 26.00 | 1.024 | 20.00 | .787 | 118.19 | 4.653 | 0.3 | .012 | 11.80 |
| 12.03 | .474 | 75.00 | 2.953 | 12 | 435.T-1203-A1-XF | H10F | 12.00 | .472 | 120.00 | 4.724 | 26.00 | 1.024 | 20.00 | .787 | 118.19 | 4.653 | 0.3 | .012 | 11.80 |
| 13.00 | .512 | 85.00 | 3.346 | 14 | 435.T-1300-A1-XF | H10F | 14.00 | .551 | 130.00 | 5.118 | 28.60 | 1.126 | 22.00 | .866 | 128.05 | 5.041 | 0.3 | .012 | 12.80 |
| 14.00 | .551 | 85.00 | 3.346 | 14 | 435.T-1400-A1-XF | H10F | 14.00 | .551 | 130.00 | 5.118 | 28.60 | 1.126 | 22.00 | .866 | 127.90 | 5.035 | 0.3 | .012 | 13.80 |
| 15.00 | .591 | 82.00 | 3.228 | 16 | 435.T-1500-A1-XF | H10F | 16.00 | .630 | 130.00 | 5.118 | 28.60 | 1.126 | 22.00 | .866 | 127.75 | 5.030 | 0.3 | .012 | 14.80 |
| 16.00 | .630 | 102.00 | 4.016 | 16 | 435.T-1600-A1-XF | H10F | 16.00 | .630 | 150.00 | 5.906 | 32.50 | 1.280 | 25.00 | .984 | 147.60 | 5.811 | 0.3 | .012 | 15.80 |
| 17.00 | .669 | 102.00 | 4.016 | 18 | 435.T-1700-A1-XF | H10F | 18.00 | .709 | 150.00 | 5.906 | 32.50 | 1.280 | 25.00 | .984 | 147.45 | 5.805 | 0.3 | .012 | 16.80 |
| 18.00 | .709 | 102.00 | 4.016 | 18 | 435.T-1800-A1-XF | H10F | 18.00 | .709 | 150.00 | 5.906 | 32.50 | 1.280 | 25.00 | .984 | 147.30 | 5.799 | 0.3 | .012 | 17.80 |
| 19.00 | .748 | 100.00 | 3.937 | 20 | 435.T-1900-A1-XF | H10F | 20.00 | .787 | 150.00 | 5.906 | 32.50 | 1.280 | 25.00 | .984 | 147.14 | 5.793 | 0.3 | .012 | 18.80 |
| 20.00 | .787 | 100.00 | 3.937 | 20 | 435.T-2000-A1-XF | H10F | 20.00 | .787 | 150.00 | 5.906 | 32.50 | 1.280 | 25.00 | .984 | 146.99 | 5.787 | 0.3 | .012 | 19.80 |

Rozwiertaki o pełnym wymiarze średnicy wykonują otwory w tolerancji H7

Pośrednie średnice rozwiertaków (odchyłka do +0.004 mm) umożliwiają obróbkę otworów o lepszej dokładności

D

E



E32



E45



E36



E60



E50

Informacje ogólne

Parametry skrawania

E3

Narzędzia niestandardowe

E36

ISO 13399

E45

Wzory ogólne

E48

Aplikacja Ifind

E49

Regeneracja

E50

Koncepcja Recyclingu Coromant (CRC)

E51

Informacje dotyczące bezpieczeństwa

E52

Wykaz odpowiedników materiałowych

E53

Sposoby oznaczania

CoroMill® Plura

E58

CoroTap™

E59

Informacje dotyczące sposobu podawania i doprowadzenia chłodziwa

E60

Indeks

E61

B

C

D

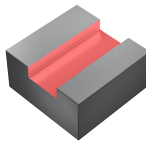
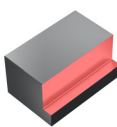
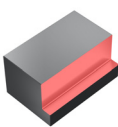
E

Zalecenia dotyczące prędkości skrawania

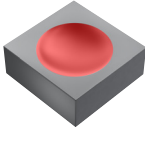
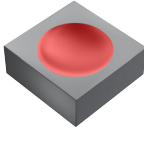
CoroMill® Plura, węglkowy frez trzpieniowy do ciężkiej obróbki zgrubnej

CoroMill® Plura, węglkowy frez trzpieniowy do obróbki średnio-zgrubnej

CoroMill® Plura, węglkowy frez trzpieniowy z rozdzielnikiem wiórów do obróbki zgrubnej

| | | | | |  |  |  | | | | | | |
|-----|-----------|-------|--|-----|---|---|---|---------|-------------|-----------------|---------|-------------|-----------------|
| | | | | | $a_e = 1.0 \times DC$ | $a_e = 0.5 \times DC$ | $a_e = 0.1 \times DC$ | | | | | | |
| | | | | | $a_p = 0.5 \times DC$ | $a_p = 1.0 \times DC$ | $a_p = 1.5 \times DC$ | | | | | | |
| ISO | Kod MC | CMC | Material | HB | f_z^* | v_c m/min | v_c stopa/min | f_z^* | v_c m/min | v_c stopa/min | f_z^* | v_c m/min | v_c stopa/min |
| P | P1.2.Z.AN | 01.2 | Stal węglowa | 190 | F52 | 145 | 476 | F47 | 175 | 574 | F55 | 290 | 951 |
| | P2.2.Z.AN | 02.2 | Stal niskostopowa | 240 | F52 | 110 | 361 | F47 | 135 | 443 | F55 | 200 | 656 |
| | P3.0.Z.HT | 03.21 | Stal wysokostopowa | 380 | F52 | 80 | 262 | F47 | 100 | 328 | F55 | 170 | 558 |
| M | P5.0.Z.AN | 05.11 | Ferrytyczna/ martenzytyczna stal nierdzewna | 200 | F52 | 65 | 213 | F47 | 80 | 262 | F55 | 150 | 492 |
| | M1.0.Z.AQ | 05.21 | Austenityczna stal nierdzewna | 200 | F51 | 65 | 213 | F46 | 80 | 262 | F54 | 120 | 394 |
| | M3.2.Z.AQ | 05.51 | Stal nierdzewna duplex (ferrytyczno-austenityczna) | 260 | F51 | 55 | 180 | F46 | 70 | 230 | F54 | 90 | 295 |
| K | K1.1.C.NS | 07.2 | Żeliwo ciągliwe | 200 | F52 | 140 | 459 | F47 | 165 | 541 | F55 | 150 | 492 |
| | K2.1.C.UT | 08.2 | Żeliwo szare | 180 | F52 | 130 | 427 | F47 | 150 | 492 | F55 | 200 | 656 |
| | K3.2.C.UT | 09.2 | Żeliwo sferoidalne | 215 | F52 | 125 | 410 | F47 | 145 | 476 | F55 | 155 | 509 |
| N | N1.2.Z.AG | 30.12 | Stopy aluminium | 100 | F53 | 680 | 2231 | F50 | 835 | 2740 | F56 | 950 | 3117 |
| | N1.3.C.UT | 30.21 | Stopy aluminium | 75 | F53 | 230 | 755 | F50 | 305 | 1001 | F56 | 410 | 1345 |
| | N1.4.C.NS | 30.42 | Stopy aluminium | 130 | F53 | 100 | 328 | F50 | 130 | 427 | F56 | 195 | 640 |
| | N3.2.C.UT | 33.2 | Miedź i stopy miedzi | 90 | F53 | 130 | 427 | F50 | 170 | 558 | F56 | 245 | 804 |
| S | S1.0.U.AG | 20.12 | Superstopy na bazie żelaza | 280 | F51 | 30 | 98 | F46 | 40 | 131 | F54 | 50 | 164 |
| | S2.0.Z.AG | 20.22 | Superstopy na bazie niklu | 350 | F51 | 30 | 98 | F46 | 40 | 131 | F54 | 60 | 197 |
| | S4.2.Z.AN | 23.22 | Stopy tytanu | 320 | F51 | 40 | 131 | F46 | 50 | 164 | F54 | 100 | 328 |

CoroMill® Plura, węglkowy frez trzpieniowy z czołem kulistym do profilowania

| ISO | Kod MC | CMC | Materiał | HB |  | | |  | | |
|-----|-----------------|---|----------|-----|---|-------------|-----------------|---|-------------|-----------------|
| | | | | | $a_p = 0.05 \times DC$ | | | $a_p = 0.01 \times DC$ | | |
| | | | | | f_z^* | v_c m/min | v_c stopa/min | f_z^* | v_c m/min | v_c stopa/min |
| P | P1.2.Z.AN 01.2 | Stal węglowa | 190 | F07 | 245 | 804 | F37 | 295 | 968 | |
| | P2.2.Z.AN 02.2 | Stal niskostopowa | 240 | F07 | 180 | 591 | F37 | 215 | 705 | |
| | P3.0.Z.HT 03.21 | Stal wysokostopowa | 380 | F07 | 120 | 394 | F37 | 140 | 459 | |
| M | P5.0.Z.AN 05.11 | Ferytyczna/ martenzytyczna stal nierdzewna | 200 | F07 | 100 | 328 | F37 | 110 | 361 | |
| | M1.0.Z.AQ 05.21 | Austenityczna stal nierdzewna | 200 | F11 | 90 | 295 | F43 | 110 | 361 | |
| | M3.2.Z.AQ 05.51 | Stal nierdzewna duplex (ferytyczno-austenityczna) | 260 | F11 | 80 | 262 | F43 | 90 | 295 | |
| K | K1.1.C.NS 07.2 | Żeliwo ciągliwe | 200 | F07 | 180 | 591 | F37 | 215 | 705 | |
| | K2.1.C.UT 08.2 | Żeliwo szare | 180 | F07 | 205 | 673 | F37 | 245 | 804 | |
| | K3.2.C.UT 09.2 | Żeliwo sferoidalne | 215 | F07 | 165 | 541 | F37 | 200 | 656 | |
| N | N1.2.Z.AG 30.12 | Stopy aluminium | 100 | F12 | 1345 | 4413 | F45 | 1345 | 4413 | |
| | N1.3.C.UT 30.21 | Stopy aluminium | 75 | F12 | 920 | 3018 | F45 | 1105 | 3625 | |
| | N1.4.C.NS 30.42 | Stopy aluminium | 130 | F12 | 330 | 1083 | F45 | 395 | 1296 | |
| | N3.2.C.UT 33.2 | Miedź i stopy miedzi | 90 | F12 | 520 | 1706 | F45 | 625 | 2051 | |
| S | S1.0.U.AG 20.12 | Superstopy na bazie żelaza | 280 | F11 | 50 | 164 | F43 | 70 | 230 | |
| | S2.0.Z.AG 20.22 | Superstopy na bazie niklu | 350 | F11 | 40 | 131 | F43 | 55 | 180 | |
| | S4.2.Z.AN 23.22 | Stopy tytanu | 320 | F11 | 80 | 262 | F43 | 105 | 344 | |

*) Wartości liczbowe posuwu na ostrze f_z dla danego kodu podanego w tabeli powyżej prosimy odczytać z tabel na stronie E5

Zalecenia dotyczące prędkości skrawania

CoroMill® Plura, węglkowy frez trzpieniowy do fazowania / zaokrąglania krawędzi



$a_e = 0.1 \times DC$

$a_p = 0.1 \times DC$

| ISO | Kod MC | CMC | Materiał | HB | f_z^* | v_c m/min | v_c stopa/min |
|-----|-----------|-------|--|-------|---------|-------------|-----------------|
| P | P1.2.Z.AN | 01.2 | Stal węglowa | 190 | F06 | 320 | 1050 |
| | P2.2.Z.AN | 02.2 | Stal niskostopowa | 240 | F06 | 220 | 722 |
| | P3.0.Z.HT | 03.21 | Stal wysokostopowa | 380 | F06 | 130 | 427 |
| M | P5.0.Z.AN | 05.11 | Ferrytyczna/ martenzytyczna stal nierdzewna | 200 | F06 | 90 | 295 |
| | M1.0.Z.AQ | 05.21 | Austenityczna stal nierdzewna | 200 | F10 | 110 | 361 |
| | M3.2.Z.AQ | 05.51 | Stal nierdzewna duplex (ferrytyczno-austenityczna) | 260 | F10 | 70 | 230 |
| K | K1.1.C.NS | 07.2 | Żeliwo ciągliwe | 200 | F06 | 240 | 787 |
| | K2.1.C.UT | 08.2 | Żeliwo szare | 180 | F06 | 240 | 787 |
| | K3.2.C.UT | 09.2 | Żeliwo sferoidalne | 215 | F06 | 215 | 705 |
| N | N1.2.Z.AG | 30.12 | Stopy aluminium | 100 | F24 | 2300 | 7546 |
| | N1.3.C.UT | 30.21 | Stopy aluminium | 75 | F24 | 370 | 1214 |
| | N1.4.C.NS | 30.42 | Stopy aluminium | 130 | F24 | 240 | 787 |
| | N3.2.C.UT | 33.2 | Miedź i stopy miedzi | 90 | F24 | 680 | 2231 |
| S | S1.0.U.AG | 20.12 | Superstopy na bazie żelaza | 280 | F10 | 50 | 164 |
| | S2.0.Z.AG | 20.22 | Superstopy na bazie niklu | 350 | F10 | 50 | 164 |
| | S4.2.Z.AN | 23.22 | Stopy tytanu | 320 | F10 | 90 | 295 |
| H | H1.1.Z.HA | 04.1 | Stal - Stopień twardości 50 | 50HRC | F10 | 70 | 230 |

*) Wartości liczbowe posuwu na ostrze f_z dla danego kodu podanego w tabeli powyżej prosimy odczytać z tabel na stronie E5

D

E

Zalecenia dotyczące posuwów

CoroMill® Plura

Wersja metryczna

| DC | mm | 0.500 | 1.000 | 2.000 | 3.000 | 4.000 | 6.000 | 6.350 | 7.938 | 8.000 | 9.525 | 10.000 | 12.000 | 12.700 | 14.000 | 15.875 | 16.000 | 18.000 | 19.050 | 20.000 | 25.000 | 25.400 |
|-----|-----------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|--------|--------|
| F1 | mm/ostrze | - | 0.0100 | 0.0200 | 0.0200 | 0.0200 | 0.0400 | 0.0400 | 0.0600 | 0.0600 | 0.0700 | 0.0700 | 0.0800 | 0.0800 | 0.1000 | 0.1100 | 0.1100 | 0.1200 | 0.1200 | 0.1200 | 0.1200 | 0.1200 |
| F2 | mm/ostrze | - | 0.010 | 0.030 | 0.040 | 0.040 | 0.050 | 0.050 | 0.080 | 0.080 | 0.110 | 0.120 | 0.120 | 0.120 | 0.120 | 0.140 | 0.140 | 0.140 | 0.160 | 0.170 | 0.190 | 0.190 |
| F3 | mm/ostrze | - | 0.020 | 0.040 | 0.050 | 0.060 | 0.080 | 0.080 | 0.120 | 0.120 | 0.140 | 0.140 | 0.140 | 0.140 | 0.140 | 0.140 | 0.140 | 0.160 | 0.210 | 0.210 | 0.240 | 0.240 |
| F4 | mm/ostrze | 0.010 | 0.010 | 0.020 | 0.020 | 0.020 | 0.030 | 0.030 | 0.050 | 0.050 | 0.060 | 0.060 | 0.070 | 0.070 | 0.080 | 0.080 | 0.090 | 0.090 | 0.100 | 0.100 | 0.100 | 0.100 |
| F5 | mm/ostrze | 0.010 | 0.010 | 0.020 | 0.030 | 0.030 | 0.040 | 0.040 | 0.070 | 0.070 | 0.100 | 0.100 | 0.100 | 0.100 | 0.100 | 0.120 | 0.120 | 0.120 | 0.120 | 0.140 | 0.160 | 0.160 |
| F6 | mm/ostrze | - | 0.020 | 0.030 | 0.040 | 0.050 | 0.070 | 0.070 | 0.100 | 0.100 | 0.120 | 0.120 | 0.120 | 0.120 | 0.120 | 0.120 | 0.120 | 0.150 | 0.180 | 0.200 | 0.200 | 0.200 |
| F7 | mm/ostrze | 0.010 | 0.020 | 0.030 | 0.050 | 0.060 | 0.080 | 0.080 | 0.120 | 0.120 | 0.150 | 0.150 | 0.150 | 0.150 | 0.150 | 0.160 | 0.160 | 0.180 | 0.200 | 0.200 | 0.250 | 0.250 |
| F8 | mm/ostrze | 0.010 | 0.010 | 0.020 | 0.020 | 0.020 | 0.020 | 0.020 | 0.040 | 0.040 | 0.050 | 0.050 | 0.060 | 0.060 | 0.060 | 0.060 | 0.070 | 0.080 | 0.080 | 0.080 | 0.080 | 0.080 |
| F9 | mm/ostrze | 0.010 | 0.010 | 0.020 | 0.020 | 0.020 | 0.040 | 0.040 | 0.060 | 0.060 | 0.080 | 0.080 | 0.080 | 0.080 | 0.080 | 0.100 | 0.100 | 0.100 | 0.100 | 0.110 | 0.130 | 0.130 |
| F10 | mm/ostrze | - | 0.020 | 0.020 | 0.030 | 0.040 | 0.060 | 0.060 | 0.080 | 0.080 | 0.100 | 0.100 | 0.100 | 0.100 | 0.100 | 0.100 | 0.120 | 0.120 | 0.140 | 0.160 | 0.160 | 0.160 |
| F11 | mm/ostrze | 0.015 | 0.020 | 0.030 | 0.040 | 0.050 | 0.060 | 0.060 | 0.100 | 0.100 | 0.120 | 0.120 | 0.120 | 0.120 | 0.120 | 0.140 | 0.140 | 0.150 | 0.160 | 0.160 | 0.200 | 0.200 |
| F12 | mm/ostrze | 0.035 | 0.060 | 0.080 | 0.100 | 0.130 | 0.180 | 0.180 | 0.260 | 0.260 | 0.330 | 0.330 | 0.330 | 0.330 | 0.350 | 0.380 | 0.380 | 0.400 | 0.430 | 0.440 | 0.500 | 0.500 |
| F13 | mm/ostrze | - | - | 0.016 | 0.024 | 0.032 | 0.072 | 0.076 | 0.095 | 0.096 | 0.143 | 0.150 | 0.180 | 0.191 | 0.210 | 0.238 | 0.240 | 0.270 | 0.286 | 0.300 | 0.375 | 0.375 |
| F14 | mm/ostrze | - | - | 0.012 | 0.018 | 0.024 | 0.060 | 0.064 | 0.079 | 0.080 | 0.124 | 0.130 | 0.156 | 0.165 | 0.182 | 0.206 | 0.208 | 0.234 | 0.248 | 0.260 | 0.325 | 0.325 |
| F15 | mm/ostrze | - | - | 0.008 | 0.012 | 0.016 | 0.036 | 0.038 | 0.048 | 0.048 | 0.071 | 0.075 | 0.090 | 0.095 | 0.105 | 0.119 | 0.120 | 0.135 | 0.143 | 0.150 | 0.188 | 0.188 |
| F16 | mm/ostrze | - | - | - | - | - | 0.072 | 0.076 | 0.086 | 0.086 | 0.114 | 0.120 | 0.144 | 0.152 | 0.168 | 0.191 | 0.192 | 0.216 | 0.229 | 0.240 | - | - |
| F17 | mm/ostrze | - | - | - | - | - | 0.060 | 0.064 | 0.071 | 0.072 | 0.099 | 0.104 | 0.125 | 0.132 | 0.146 | 0.165 | 0.166 | 0.187 | 0.198 | 0.208 | - | - |
| F18 | mm/ostrze | - | - | - | - | - | 0.036 | 0.038 | 0.048 | 0.048 | 0.057 | 0.060 | 0.072 | 0.076 | 0.084 | 0.095 | 0.096 | 0.108 | 0.114 | 0.120 | - | - |
| F19 | mm/ostrze | - | - | - | - | - | 0.070 | 0.070 | 0.080 | 0.080 | 0.080 | 0.080 | 0.090 | 0.090 | 0.100 | 0.100 | 0.100 | 0.150 | 0.150 | 0.160 | 0.190 | 0.190 |
| F20 | mm/ostrze | - | - | - | - | - | 0.060 | 0.060 | 0.060 | 0.060 | 0.070 | 0.070 | 0.070 | 0.070 | 0.080 | 0.080 | 0.080 | 0.130 | 0.130 | 0.140 | 0.160 | 0.160 |
| F21 | mm/ostrze | - | - | - | - | - | 0.040 | 0.040 | 0.050 | 0.050 | 0.050 | 0.050 | 0.060 | 0.060 | 0.070 | 0.070 | 0.070 | 0.120 | 0.120 | 0.130 | 0.150 | 0.150 |
| F22 | mm/ostrze | - | 0.020 | 0.040 | 0.040 | 0.040 | 0.072 | 0.072 | 0.110 | 0.110 | 0.130 | 0.130 | 0.150 | 0.150 | 0.180 | 0.200 | 0.200 | 0.220 | 0.220 | 0.220 | 0.220 | 0.220 |
| F23 | mm/ostrze | - | 0.030 | 0.060 | 0.070 | 0.070 | 0.100 | 0.100 | 0.170 | 0.170 | 0.220 | 0.220 | 0.220 | 0.220 | 0.220 | 0.260 | 0.260 | 0.260 | 0.310 | 0.310 | 0.350 | 0.350 |
| F24 | mm/ostrze | - | 0.040 | 0.070 | 0.070 | 0.110 | 0.150 | 0.150 | 0.200 | 0.200 | 0.260 | 0.260 | 0.260 | 0.260 | 0.260 | 0.260 | 0.260 | 0.330 | 0.440 | 0.440 | 0.440 | 0.440 |
| F25 | mm/ostrze | - | 0.010 | 0.010 | 0.010 | 0.020 | 0.020 | 0.030 | 0.030 | 0.040 | 0.040 | 0.040 | 0.050 | 0.050 | 0.060 | 0.070 | 0.070 | - | - | - | - | - |
| F26 | mm/ostrze | - | 0.010 | 0.020 | 0.020 | 0.030 | 0.040 | 0.040 | 0.060 | 0.060 | 0.080 | 0.080 | 0.100 | 0.100 | 0.120 | 0.140 | 0.140 | - | - | - | - | - |
| F27 | mm/ostrze | - | - | 0.020 | 0.024 | 0.028 | 0.035 | 0.036 | 0.042 | 0.043 | 0.048 | 0.050 | 0.057 | 0.059 | 0.063 | 0.070 | 0.070 | 0.077 | 0.080 | 0.083 | 0.100 | - |
| F28 | mm/ostrze | - | - | 0.024 | 0.030 | 0.036 | 0.047 | 0.049 | 0.058 | 0.059 | 0.067 | 0.070 | 0.080 | 0.084 | 0.090 | 0.099 | 0.100 | 0.110 | 0.115 | 0.120 | 0.145 | - |
| F29 | mm/ostrze | - | - | 0.028 | 0.035 | 0.041 | 0.054 | 0.056 | 0.067 | 0.067 | 0.077 | 0.080 | 0.093 | 0.098 | 0.107 | 0.119 | 0.120 | 0.133 | 0.140 | 0.147 | 0.180 | - |
| F30 | mm/ostrze | - | - | 0.020 | 0.023 | 0.025 | 0.030 | 0.031 | 0.035 | 0.035 | 0.039 | 0.040 | 0.047 | 0.049 | 0.053 | 0.060 | 0.060 | 0.067 | 0.070 | 0.073 | 0.090 | - |
| F31 | mm/ostrze | - | - | 0.020 | 0.023 | 0.025 | 0.037 | 0.040 | 0.051 | 0.052 | 0.063 | 0.067 | 0.076 | 0.079 | 0.084 | 0.093 | 0.093 | 0.102 | 0.107 | 0.111 | 0.133 | - |
| F32 | mm/ostrze | - | - | 0.020 | 0.023 | 0.026 | 0.044 | 0.047 | 0.061 | 0.062 | 0.076 | 0.080 | 0.090 | 0.094 | 0.100 | 0.109 | 0.110 | 0.120 | 0.125 | 0.130 | 0.200 | - |
| F33 | mm/ostrze | - | - | 0.020 | 0.020 | 0.020 | 0.020 | 0.021 | 0.027 | 0.028 | 0.033 | 0.035 | 0.038 | 0.040 | 0.042 | 0.045 | 0.045 | 0.048 | 0.050 | 0.052 | 0.060 | - |
| F34 | mm/ostrze | - | - | 0.024 | 0.026 | 0.029 | 0.033 | 0.034 | 0.037 | 0.038 | 0.041 | 0.042 | 0.048 | 0.050 | 0.054 | 0.060 | 0.060 | 0.066 | 0.069 | 0.072 | 0.087 | - |
| F35 | mm/ostrze | - | - | 0.030 | 0.033 | 0.035 | 0.040 | 0.041 | 0.045 | 0.045 | 0.049 | 0.050 | 0.070 | 0.077 | 0.091 | 0.110 | 0.111 | 0.131 | 0.142 | 0.152 | 0.203 | - |
| F36 | mm/ostrze | 0.010 | 0.010 | 0.020 | 0.030 | 0.040 | 0.050 | 0.050 | 0.080 | 0.080 | 0.100 | 0.100 | 0.120 | 0.120 | 0.120 | 0.120 | 0.120 | 0.120 | 0.150 | 0.150 | 0.200 | 0.200 |
| F37 | mm/ostrze | - | 0.030 | 0.050 | 0.080 | 0.100 | 0.120 | 0.120 | 0.150 | 0.150 | 0.200 | 0.200 | 0.200 | 0.200 | 0.200 | 0.200 | 0.200 | 0.200 | 0.250 | 0.250 | 0.250 | 0.250 |
| F38 | mm/ostrze | 0.020 | 0.020 | 0.040 | 0.040 | 0.050 | 0.070 | 0.070 | 0.110 | 0.110 | 0.130 | 0.130 | 0.150 | 0.150 | 0.180 | 0.200 | 0.200 | 0.220 | 0.220 | 0.220 | 0.220 | 0.220 |
| F39 | mm/ostrze | 0.020 | 0.030 | 0.060 | 0.070 | 0.070 | 0.100 | 0.100 | 0.160 | 0.160 | 0.220 | 0.220 | 0.220 | 0.220 | 0.220 | 0.260 | 0.260 | 0.260 | 0.310 | 0.310 | 0.350 | 0.350 |
| F40 | mm/ostrze | - | - | - | 0.070 | 0.100 | 0.160 | 0.160 | 0.250 | 0.250 | 0.300 | 0.300 | 0.350 | 0.350 | 0.400 | 0.500 | 0.500 | 0.600 | 0.700 | 0.700 | 0.700 | 0.700 |
| F41 | mm/ostrze | - | - | - | 0.060 | 0.080 | 0.130 | 0.130 | 0.200 | 0.200 | 0.240 | 0.240 | 0.280 | 0.280 | 0.320 | 0.400 | 0.400 | 0.480 | 0.560 | 0.560 | 0.560 | 0.560 |
| F42 | mm/ostrze | 0.020 | 0.010 | 0.020 | 0.020 | 0.040 | 0.045 | 0.045 | 0.060 | 0.060 | 0.090 | 0.090 | 0.100 | 0.100 | 0.100 | 0.100 | 0.100 | 0.100 | 0.120 | 0.120 | 0.160 | 0.160 |
| F43 | mm/ostrze | - | 0.020 | 0.040 | 0.065 | 0.080 | 0.100 | 0.100 | 0.120 | 0.120 | 0.160 | 0.160 | 0.160 | 0.160 | 0.160 | 0.160 | 0.160 | 0.160 | 0.200 | 0.200 | 0.200 | 0.200 |
| F44 | mm/ostrze | - | 0.030 | 0.060 | 0.070 | 0.090 | 0.120 | 0.120 | 0.180 | 0.180 | 0.235 | 0.235 | 0.260 | 0.260 | 0.260 | 0.260 | 0.260 | 0.280 | 0.330 | 0.330 | 0.440 | 0.440 |
| F45 | mm/ostrze | - | 0.070 | 0.110 | 0.175 | 0.220 | 0.260 | 0.260 | 0.330 | 0.330 | 0.440 | 0.440 | 0.440 | 0.440 | 0.440 | 0.440 | 0.440 | 0.440 | 0.500 | 0.500 | 0.500 | 0.500 |
| F46 | mm/ostrze | - | 0.001 | 0.003 | 0.005 | 0.008 | 0.013 | 0.013 | 0.020 | 0.020 | 0.027 | 0.027 | 0.035 | 0.035 | 0.040 | 0.050 | 0.050 | 0.055 | 0.060 | 0.060 | 0.080 | 0.080 |
| F47 | mm/ostrze | - | 0.002 | 0.004 | 0.008 | 0.012 | 0.020 | 0.020 | 0.030 | 0.030 | 0.040 | 0.040 | 0.050 | 0.050 | 0.060 | 0.070 | 0.070 | 0.080 | 0.090 | 0.090 | 0.115 | 0.115 |
| F48 | mm/ostrze | - | 0.001 | 0.004 | 0.007 | 0.011 | 0.017 | 0.017 | 0.027 | 0.027 | 0.036 | 0.036 | 0.047 | 0.047 | 0.053 | 0.067 | 0.067 | 0.073 | 0.080 | 0.080 | 0.106 | 0.106 |
| F49 | mm/ostrze | - | 0.003 | 0.005 | 0.011 | 0.016 | 0.027 | 0.027 | 0.040 | 0.040 | 0.053 | 0.053 | 0.067 | 0.067 | 0.080 | 0.093 | 0.093 | 0.111 | 0.120 | 0.120 | 0.153 | 0.153 |
| F50 | mm/ostrze | - | 0.003 | 0.005 | 0.010 | 0.015 | 0.025 | 0.025 | 0.040 | 0.040 | 0.050 | 0.050 | 0.065 | 0.065 | 0.080 | 0.090 | 0.090 | 0.105 | 0.120 | 0.120 | 0.155 | 0.155 |
| F51 | mm/ostrze | - | 0.002 | 0.005 | 0.009 | 0.013 | 0.020 | 0.020 | 0.023 | 0.023 | 0.035 | 0.035 | 0.040 | 0.040 | 0.050 | 0.055 | 0.055 | 0.060 | 0.070 | 0.070 | 0.080 | 0.080 |
| F52 | mm/ostrze | - | 0.003 | 0.007 | 0.013 | 0.020 | 0.030 | 0.030 | 0.040 | 0.040 | 0.050 | 0.050 | 0.060 | 0.060 | 0.070 | 0.080 | 0.080 | 0.090 | 0.100 | 0.100 | 0.110 | 0.110 |
| F53 | mm/ostrze | - | 0.004 | 0.009 | 0.017 | 0.025 | 0.040 | 0.040 | 0.045 | 0.045 | 0.065 | 0.065 | 0.080 | 0.080 | 0.090 | 0.105 | 0.105 | 0.120 | 0.130 | 0.130 | 0.140 | 0.140 |
| F54 | mm/ostrze | - | 0.002 | 0.006 | 0.010 | 0.016 | 0.027 | 0.027 | 0.041 | 0.041 | 0.055 | 0.055 | 0.072 | 0.072 | 0.082 | 0.103 | 0.103 | 0.113 | 0.123</ | | | |

Zalecenia dotyczące posuwów

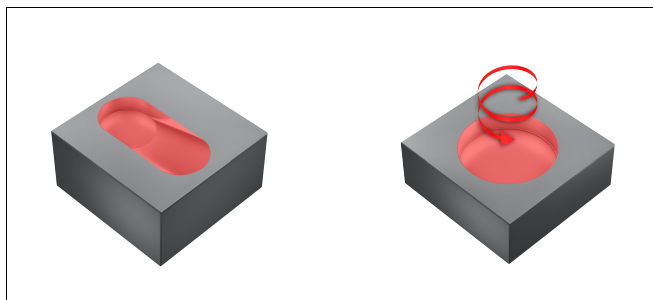
CoroMill® Plura

Wersja calowa

| DC | cale | .020 | .039 | .079 | .118 | .157 | .236 | .250 | .313 | .315 | .375 | .394 | .472 | .500 | .551 | .625 | .630 | .709 | .750 | .787 | .984 | 1.000 |
|-----|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| F1 | cal/ostrze | - | .0004 | .0008 | .0008 | .0008 | .0016 | .0016 | .0024 | .0024 | .0028 | .0028 | .0031 | .0031 | .0039 | .0043 | .0043 | .0047 | .0047 | .0047 | .0047 | .0047 |
| F2 | cal/ostrze | - | .0004 | .0012 | .0016 | .0016 | .0020 | .0020 | .0031 | .0031 | .0043 | .0047 | .0047 | .0047 | .0047 | .0055 | .0055 | .0055 | .0063 | .0067 | .0075 | .0075 |
| F3 | cal/ostrze | - | .0008 | .0016 | .0020 | .0024 | .0031 | .0031 | .0047 | .0047 | .0055 | .0055 | .0055 | .0055 | .0055 | .0055 | .0055 | .0063 | .0083 | .0083 | .0094 | .0094 |
| F4 | cal/ostrze | .0004 | .0004 | .0008 | .0008 | .0008 | .0012 | .0012 | .0020 | .0020 | .0024 | .0024 | .0028 | .0028 | .0031 | .0035 | .0035 | .0039 | .0039 | .0039 | .0039 | .0039 |
| F5 | cal/ostrze | .0004 | .0004 | .0008 | .0012 | .0012 | .0016 | .0016 | .0028 | .0028 | .0039 | .0039 | .0039 | .0039 | .0039 | .0047 | .0047 | .0047 | .0047 | .0055 | .0063 | .0063 |
| F6 | cal/ostrze | - | .0008 | .0012 | .0016 | .0020 | .0028 | .0028 | .0039 | .0039 | .0047 | .0047 | .0047 | .0047 | .0047 | .0047 | .0047 | .0059 | .0071 | .0079 | .0079 | .0079 |
| F7 | cal/ostrze | .0004 | .0008 | .0012 | .0020 | .0024 | .0031 | .0031 | .0047 | .0047 | .0059 | .0059 | .0059 | .0059 | .0059 | .0063 | .0063 | .0071 | .0079 | .0079 | .0098 | .0098 |
| F8 | cal/ostrze | .0004 | .0004 | .0008 | .0008 | .0008 | .0008 | .0008 | .0016 | .0016 | .0020 | .0020 | .0024 | .0024 | .0024 | .0028 | .0028 | .0031 | .0031 | .0031 | .0031 | .0031 |
| F9 | cal/ostrze | .0004 | .0004 | .0008 | .0008 | .0008 | .0016 | .0016 | .0024 | .0024 | .0031 | .0031 | .0031 | .0031 | .0031 | .0039 | .0039 | .0039 | .0039 | .0039 | .0043 | .0051 |
| F10 | cal/ostrze | - | .0008 | .0008 | .0012 | .0016 | .0024 | .0024 | .0031 | .0031 | .0039 | .0039 | .0039 | .0039 | .0039 | .0039 | .0039 | .0047 | .0047 | .0055 | .0063 | .0063 |
| F11 | cal/ostrze | .0006 | .0008 | .0012 | .0016 | .0020 | .0024 | .0024 | .0039 | .0039 | .0047 | .0047 | .0047 | .0047 | .0047 | .0055 | .0055 | .0059 | .0063 | .0063 | .0079 | .0079 |
| F12 | cal/ostrze | .0014 | .0024 | .0031 | .0039 | .0051 | .0071 | .0071 | .0102 | .0102 | .0130 | .0130 | .0130 | .0130 | .0130 | .0138 | .0150 | .0157 | .0169 | .0173 | .0197 | .0197 |
| F13 | cal/ostrze | - | - | .0006 | .0009 | .0013 | .0028 | .0030 | .0038 | .0038 | .0056 | .0059 | .0071 | .0075 | .0083 | .0094 | .0094 | .0106 | .0113 | .0118 | .0148 | .0148 |
| F14 | cal/ostrze | - | - | .0005 | .0007 | .0009 | .0024 | .0025 | .0031 | .0031 | .0049 | .0051 | .0061 | .0065 | .0072 | .0081 | .0082 | .0092 | .0098 | .0102 | .0128 | .0128 |
| F15 | cal/ostrze | - | - | .0003 | .0005 | .0006 | .0014 | .0015 | .0019 | .0019 | .0028 | .0030 | .0035 | .0038 | .0041 | .0047 | .0047 | .0053 | .0056 | .0059 | .0074 | .0074 |
| F16 | cal/ostrze | - | - | - | - | - | .0028 | .0030 | .0034 | .0034 | .0045 | .0047 | .0057 | .0060 | .0066 | .0075 | .0076 | .0085 | .0090 | .0094 | - | - |
| F17 | cal/ostrze | - | - | - | - | - | .0024 | .0025 | .0028 | .0028 | .0039 | .0041 | .0049 | .0052 | .0057 | .0065 | .0066 | .0074 | .0078 | .0082 | - | - |
| F18 | cal/ostrze | - | - | - | - | - | .0014 | .0015 | .0019 | .0019 | .0023 | .0024 | .0028 | .0030 | .0033 | .0038 | .0038 | .0043 | .0045 | .0047 | - | - |
| F19 | cal/ostrze | - | - | - | - | - | .0028 | .0028 | .0031 | .0031 | .0031 | .0031 | .0035 | .0035 | .0039 | .0039 | .0039 | .0059 | .0059 | .0063 | .0075 | .0075 |
| F20 | cal/ostrze | - | - | - | - | - | .0024 | .0024 | .0024 | .0024 | .0028 | .0028 | .0028 | .0028 | .0031 | .0031 | .0031 | .0051 | .0051 | .0055 | .0063 | .0063 |
| F21 | cal/ostrze | - | - | - | - | - | .0016 | .0016 | .0020 | .0020 | .0020 | .0020 | .0024 | .0024 | .0028 | .0028 | .0028 | .0047 | .0047 | .0051 | .0059 | .0059 |
| F22 | cal/ostrze | - | .0008 | .0016 | .0016 | .0016 | .0028 | .0028 | .0043 | .0043 | .0051 | .0051 | .0059 | .0059 | .0071 | .0079 | .0079 | .0087 | .0087 | .0087 | .0087 | .0087 |
| F23 | cal/ostrze | - | .0012 | .0024 | .0028 | .0028 | .0039 | .0039 | .0067 | .0067 | .0087 | .0087 | .0087 | .0087 | .0087 | .0087 | .0102 | .0102 | .0122 | .0122 | .0138 | .0138 |
| F24 | cal/ostrze | - | .0016 | .0028 | .0028 | .0043 | .0059 | .0059 | .0079 | .0079 | .0102 | .0102 | .0102 | .0102 | .0102 | .0102 | .0102 | .0130 | .0173 | .0173 | .0173 | .0173 |
| F25 | cal/ostrze | - | .0004 | .0004 | .0004 | .0008 | .0008 | .0008 | .0012 | .0012 | .0016 | .0016 | .0020 | .0020 | .0024 | .0028 | .0028 | - | - | - | - | - |
| F26 | cal/ostrze | - | .0004 | .0008 | .0008 | .0012 | .0016 | .0016 | .0024 | .0024 | .0031 | .0031 | .0039 | .0039 | .0047 | .0055 | .0055 | - | - | - | - | - |
| F27 | cal/ostrze | - | - | .0008 | .0009 | .0011 | .0014 | .0014 | .0017 | .0017 | .0019 | .0020 | .0022 | .0023 | .0025 | .0027 | .0028 | .0030 | .0032 | .0033 | .0039 | - |
| F28 | cal/ostrze | - | - | .0009 | .0012 | .0014 | .0019 | .0019 | .0023 | .0023 | .0026 | .0028 | .0031 | .0033 | .0035 | .0039 | .0039 | .0043 | .0045 | .0047 | .0057 | - |
| F29 | cal/ostrze | - | - | .0011 | .0014 | .0016 | .0021 | .0022 | .0026 | .0026 | .0030 | .0031 | .0037 | .0039 | .0042 | .0047 | .0047 | .0052 | .0055 | .0058 | .0071 | - |
| F30 | cal/ostrze | - | - | .0008 | .0009 | .0010 | .0012 | .0012 | .0014 | .0014 | .0015 | .0016 | .0018 | .0019 | .0021 | .0023 | .0024 | .0026 | .0028 | .0029 | .0035 | - |
| F31 | cal/ostrze | - | - | .0008 | .0009 | .0010 | .0015 | .0016 | .0020 | .0020 | .0025 | .0026 | .0030 | .0031 | .0033 | .0037 | .0037 | .0040 | .0042 | .0044 | .0052 | - |
| F32 | cal/ostrze | - | - | .0008 | .0009 | .0010 | .0017 | .0019 | .0024 | .0024 | .0030 | .0031 | .0035 | .0037 | .0039 | .0043 | .0043 | .0047 | .0049 | .0051 | .0079 | - |
| F33 | cal/ostrze | - | - | .0008 | .0008 | .0008 | .0008 | .0008 | .0011 | .0011 | .0013 | .0014 | .0015 | .0016 | .0016 | .0018 | .0018 | .0019 | .0020 | .0020 | .0024 | - |
| F34 | cal/ostrze | - | - | .0009 | .0010 | .0011 | .0013 | .0013 | .0015 | .0015 | .0016 | .0017 | .0019 | .0020 | .0021 | .0023 | .0024 | .0026 | .0027 | .0028 | .0034 | - |
| F35 | cal/ostrze | - | - | .0012 | .0013 | .0014 | .0016 | .0016 | .0018 | .0018 | .0019 | .0020 | .0028 | .0030 | .0036 | .0043 | .0044 | .0052 | .0056 | .0060 | .0080 | - |
| F36 | cal/ostrze | .0004 | .0004 | .0008 | .0012 | .0016 | .0020 | .0020 | .0031 | .0031 | .0039 | .0039 | .0047 | .0047 | .0047 | .0047 | .0047 | .0047 | .0059 | .0059 | .0079 | .0079 |
| F37 | cal/ostrze | .0000 | .0012 | .0020 | .0031 | .0039 | .0047 | .0047 | .0059 | .0059 | .0079 | .0079 | .0079 | .0079 | .0079 | .0079 | .0079 | .0079 | .0098 | .0098 | .0098 | .0098 |
| F38 | cal/ostrze | .0008 | .0008 | .0016 | .0016 | .0020 | .0028 | .0028 | .0043 | .0043 | .0051 | .0051 | .0059 | .0059 | .0071 | .0079 | .0079 | .0087 | .0087 | .0087 | .0087 | .0087 |
| F39 | cal/ostrze | .0008 | .0012 | .0024 | .0028 | .0028 | .0039 | .0039 | .0063 | .0063 | .0087 | .0087 | .0087 | .0087 | .0087 | .0102 | .0102 | .0102 | .0122 | .0122 | .0138 | .0138 |
| F40 | cal/ostrze | - | - | - | .0028 | .0039 | .0063 | .0063 | .0098 | .0098 | .0118 | .0118 | .0138 | .0138 | .0157 | .0197 | .0197 | .0236 | .0276 | .0276 | .0276 | .0276 |
| F41 | cal/ostrze | - | - | - | .0024 | .0031 | .0051 | .0051 | .0079 | .0079 | .0094 | .0094 | .0110 | .0110 | .0126 | .0157 | .0157 | .0189 | .0220 | .0220 | .0220 | .0220 |
| F42 | cal/ostrze | .0008 | .0004 | .0008 | .0008 | .0016 | .0018 | .0018 | .0024 | .0024 | .0035 | .0035 | .0039 | .0039 | .0039 | .0039 | .0039 | .0039 | .0047 | .0047 | .0063 | .0063 |
| F43 | cal/ostrze | - | .0008 | .0016 | .0026 | .0031 | .0039 | .0039 | .0047 | .0047 | .0063 | .0063 | .0063 | .0063 | .0063 | .0063 | .0063 | .0063 | .0079 | .0079 | .0079 | .0079 |
| F44 | cal/ostrze | - | .0012 | .0024 | .0028 | .0035 | .0047 | .0047 | .0071 | .0071 | .0093 | .0093 | .0102 | .0102 | .0102 | .0102 | .0102 | .0110 | .0130 | .0130 | .0173 | .0173 |
| F45 | cal/ostrze | - | .0028 | .0043 | .0069 | .0087 | .0102 | .0102 | .0130 | .0130 | .0173 | .0173 | .0173 | .0173 | .0173 | .0173 | .0173 | .0173 | .0197 | .0197 | .0197 | .0197 |
| F46 | cal/ostrze | - | .0001 | .0001 | .0002 | .0003 | .0005 | .0005 | .0008 | .0008 | .0011 | .0011 | .0014 | .0014 | .0016 | .0020 | .0020 | .0022 | .0024 | .0024 | .0031 | .0031 |
| F47 | cal/ostrze | - | .0002 | .0002 | .0003 | .0005 | .0008 | .0008 | .0012 | .0012 | .0016 | .0016 | .0020 | .0020 | .0024 | .0028 | .0028 | .0031 | .0035 | .0035 | .0045 | .0045 |
| F48 | cal/ostrze | - | .0001 | .0002 | .0003 | .0004 | .0007 | .0007 | .0011 | .0011 | .0014 | .0014 | .0019 | .0019 | .0021 | .0026 | .0026 | .0029 | .0031 | .0031 | .0042 | .0042 |
| F49 | cal/ostrze | - | .0001 | .0002 | .0004 | .0006 | .0010 | .0010 | .0016 | .0016 | .0021 | .0021 | .0026 | .0026 | .0031 | .0037 | .0037 | .0044 | .0047 | .0047 | .0060 | .0060 |
| F50 | cal/ostrze | - | .0001 | .0002 | .0004 | .0006 | .0010 | .0010 | .0016 | .0016 | .0020 | .0020 | .0026 | .0026 | .0031 | .0035 | .0035 | .0041 | .0047 | .0047 | .0061 | .0061 |
| F51 | cal/ostrze | - | .0002 | .0002 | .0004 | .0005 | .0008 | .0008 | .0009 | .0009 | .0014 | .0014 | .0016 | .0016 | .0020 | .0022 | .0022 | .0024 | .0028 | .0028 | .0031 | .0031 |
| F52 | cal/ostrze | - | .0001 | .0003 | .0005 | .0008 | .0012 | .0012 | .0016 | .0016 | .0020 | .0020 | .0024 | .0024 | .0028 | .0031 | .0031 | .0035 | .0039 | .0039 | .0043 | .0043 |
| F53 | cal/ostrze | - | .0002 | .0004 | .0007 | .0010 | .0016 | .0016 | .0018 | .0018 | .0026 | .0026 | .0031 | .0031 | .0035 | .0041 | .0041 | .0047 | .0051 | .0051 | .0055 | .0055 |
| F54 | cal/ostrze | - | .0002 | .0002 | .0004 | .0006 | .0010 | .0010 | .0016 | .0016 | .0022 | .0022 | .0028 | .0028 | .0032 | .0040 | .0040 | .0044 | .0048 | .0048 | .0065 | .0065 |
| F55 | cal/ostrze | - | .0002 | .0003 | .0006 | .0010 | .0016 | .0016 | .0024 | .0024 | .0032 | .0032 | .0040 | .0040 | .0048 | .0056 | .0056 | .0065 | .0073 | .0073 | .0093 | .0093 |
| F56 | cal/ostrze | - | .0002 | .0004 | .0008 | .0012 | .0020 | .0020 | .0032 | .0032 | .0040 | .0040 | .0052 | .0052 | .0065 | .0073 | .0073 | .0085 | .0097 | .0097 | .0125 | .0125 |

Maksymalny kąt zagłębiania skośnego

CoroMill® Plura



Liczba ostrzy (ZEFP)

| ISO | Material | ≤ 2 | 3 | 4 | 5 | ≥ 6 |
|-----|----------------------------------|-----|----|-----|-----|-------|
| P | Stal (Twardość <300HB) | 9 | 7 | 5 | 5 | ≤ 4 |
| | Stal (Twardość >300HB) | 7 | 5 | 4 | 3 | ≤ 3 |
| M | Stal nierdzewna | 5 | 5 | 5 | 4 | ≤ 4 |
| K | Żeliwo | 10 | 10 | 8 | 6 | ≤ 5 |
| N | Metale nieżelazne | 15 | 12 | 10 | 10 | ≤ 10 |
| S | Superstopy i tytan | 5 | 5 | 4 | 4 | ≤ 3 |
| H | Materiały twarde | 2 | 2 | 1.5 | 1.5 | ≤ 1.5 |
| O | Spoza grup określonych normą ISO | 15 | 12 | 10 | 10 | ≤ 10 |

Gatunki węglowych frezów trzpieniowych

| | P | M | K | N | S | H | O | Z chłodziwem | Bez chłodziwa | Opis |
|------|----|----|----|----|----|---|---|--------------|---------------|---|
| 1620 | + | ++ | + | ++ | | + | | ✓ | ✓ | Uniwersalny gatunek podobny do 1630. Nadaje się do większości materiałów. Duża odporność na ścieranie. Lepiej niż 1630 sprawdza się w materiałach z grup ISO S i ISO M. Preferowana jest obróbka na sucho. |
| 1630 | ++ | + | ++ | + | + | | + | ✓ | ✓ | Uniwersalny gatunek podobny do 1620. Nadaje się do większości materiałów. Lepiej niż 1620 sprawdza się w materiałach z grup ISO P i ISO K. Preferowana jest obróbka na sucho. |
| 1640 | + | ++ | + | | ++ | | | ✓ | ✓ | Bardzo udany gatunek odporny na obciążenia powstające przy formowaniu grubych wiórów (duże a_e). Nadaje się do większości materiałów. Dobrze sprawdza się w obróbce z chłodziwem. Odpowiedni do obróbki w niestabilnych warunkach. |

CoroDrill® 460

Chłodziwo podawane wewnątrz, jednostki metryczne

2 – 3 x DC

B

C

D

E

| | | | Twardość Brinella | Prędkość skrawania (v _c), m/min. |
|-----|-------------|--|-------------------|--|
| ISO | Kod MC | Materiał | HB | |
| P | P1.1.Z.AN | Stal węglowa C = 0,05–0,10% | 125 | (min.-start-maks.) 100-125-150 |
| | P1.1.Z.AN | C = 0,1–0,25% | 125 | 100-125-150 |
| | P1.2.Z.AN | C = 0,25–0,55% | 150 | 88-110-132 |
| | P1.3.Z.AN | C = 0,55–0,80% | 170 | 88-110-132 |
| | P1.3.Z.AN | Stal wysokowęglowa Węglowa stal narzędziowa | 210 | 88-110-132 |
| | P2.1.Z.AN | Stal niskostopowa Stal | 175 | 88-110-132 |
| | P2.5.Z.HT.1 | Stal hartowana i odpuszczana | 275 | 60-75-90 |
| | P2.5.Z.HT.2 | Stal hartowana i odpuszczana | 350 | 52-65-78 |
| | P3.0.Z.AN | Stal wysokostopowa Wyżarzana | 200 | 76-95-114 |
| | P3.0.Z.HT.1 | Hartowana stal narzędziowa | 300 | 52-65-78 |
| | P1.5.C.UT | Odlewy stalowe Niestopowe | 150 | 88-110-132 |
| | P2.6.C.UT | Niskostopowe (zawartość dodatków stopowych ≤ 5%) | 200 | 76-95-114 |
| M | M1.0.Z.AQ | Stal nierdzewna Austenityczna | 200 | 32-40-48 |
| | M2.0.Z.AQ | Superaustenityczna Ni≥20% | 200 | 32-40-48 |
| | M3.1.Z.AQ | Duplex (ferrytyczno-austenityczna) | 230 | 28-35-42 |
| | M3.2.Z.AQ | Duplex (ferrytyczno-austenityczna) | 260 | 28-35-42 |
| | M1.0.C.UT | Austenityczna | 200 | 32-40-48 |
| | M2.0.C.AQ | Superaustenityczna Ni≥20% | 200 | 32-40-48 |
| | M3.1.C.AQ | Duplex (ferrytyczno-austenityczna) | 230 | 28-35-42 |
| K | K1.1.C.NS | Żeliwo ciągliwe Ferrytyczne, Perlityczne | 200 | 64-80-96 |
| | K2.1.C.UT | Żeliwo szare O niskiej wytrzymałości | 180 | 88-110-132 |
| | K2.2.C.UT | O wysokiej wytrzymałości | 245 | 88-110-132 |
| | K2.3.C.UT | Austenityczna | 175 | 64-80-96 |
| | K3.1.C.UT | Żeliwo sferoidalne Ferrytyczne | 155 | 64-80-96 |
| | K3.2.C.UT | Ferrytyczne, Perlityczne | 215 | 64-80-96 |
| | K3.3.C.UT | Perlityczne | 265 | 64-80-96 |
| | K3.5.C.UT | Austenityczna | 190 | 64-80-96 |
| | K5.1.C.NS | ADI | 300 | 64-80-96 |
| N | N1.2.Z.UT | Stopy aluminium O czystości handlowej | 60 | 200-250-300 |
| | N1.2.Z.AG | Stopy AlSi, Si ≤ 1% | 100 | 200-250-300 |
| | N1.3.C.UT | Odlewy, niestarte | 75 | 200-250-300 |
| | N1.3.C.AG | Odlewy lub odlewy starzone | 90 | 160-200-240 |
| | N1.4.C.NS | Stopy odlewnicze AlSi, Si ≥ 13% | 130 | 120-150-180 |
| | N3.3.U.UT | Stopy miedzi Automatowe stopy miedzi (Pb>1%) | 110 | 176-220-264 |
| | N3.1.U.UT | Bezołowiowe stopy miedzi (w tym miedź elektrolityczna) | 100 | 100-125-150 |
| S | S4.1.Z.UT | Stopy tytanu | 200 | 44-55-66 |
| | S4.2.Z.AN | | 320 | 32-40-48 |
| | S4.4.Z.AN | | 330 | 32-40-48 |
| | | | | |
| H | H1.1.Z.HA | Stale bardzo twarde: Hartowane i odpuszczone | 50HRC | 24-30-36 |
| | H2.0.C.UT.4 | Żeliwo zabilone | 64HRC | 20-25-30 |

CoroDrill® 460

Chłodziwo podawane wewnątrz, jednostki metryczne

4 – 5 × DC

B

C

D

E

| | | | Twardość Brinella | Prędkość skrawania (v _c), m/min. |
|-----|-------------|---|-------------------|--|
| ISO | Kod MC | Materiał | HB | |
| P | P1.1.Z.AN | Stal węglowa C = 0,05–0,10% | 125 | (min.-start-maks.) 100-125-150 |
| | P1.1.Z.AN | C = 0,1–0,25% | 125 | 100-125-150 |
| | P1.2.Z.AN | C = 0,25–0,55% | 150 | 88-110-132 |
| | P1.3.Z.AN | C = 0,55–0,80% | 170 | 88-110-132 |
| | P1.3.Z.AN | Stal wysokowęglowa Węglowa stal narzędziowa | 210 | 88-110-132 |
| | P2.1.Z.AN | Stal niskostopowa Stal | 175 | 88-110-132 |
| | P2.5.Z.HT.1 | Stal hartowana i odpuszczana | 275 | 60-75-90 |
| | P2.5.Z.HT.2 | Stal hartowana i odpuszczana | 350 | 52-65-78 |
| | P3.0.Z.AN | Stal wysokostopowa Wyżarzana | 200 | 76-95-114 |
| | P3.0.Z.HT.1 | Hartowana stal narzędziowa | 300 | 52-65-78 |
| | P1.5.C.UT | Odlewy stalowe Niestopowe | 150 | 88-110-132 |
| | P2.6.C.UT | Niskostopowe (zawartość dodatków stopowych ≤ 5%) | 200 | 76-95-114 |
| | M | Stal nierdzewna Austenityczna | 200 | 32-40-48 |
| | | M2.0.Z.AQ Superaustenityczna Ni≥20% | 200 | 32-40-48 |
| | | M3.1.Z.AQ Duplex (ferrytyczno-austenityczna) | 230 | 28-35-42 |
| | | M3.2.Z.AQ Duplex (ferrytyczno-austenityczna) | 260 | 28-35-42 |
| | | M1.0.C.UT Austenityczna | 200 | 32-40-48 |
| | | M2.0.C.AQ Superaustenityczna Ni≥20% | 200 | 32-40-48 |
| | | M3.1.C.AQ Duplex (ferrytyczno-austenityczna) | 230 | 28-35-42 |
| | K | Żeliwo ciągliwe Ferrytyczne, Perlityczne | 200 | 64-80-96 |
| | | Żeliwo szare O niskiej wytrzymałości | 180 | 88-110-132 |
| | | K2.2.C.UT O wysokiej wytrzymałości | 245 | 88-110-132 |
| | | K2.3.C.UT Austenityczna | 175 | 64-80-96 |
| | | Żeliwo sferoidalne Ferrytyczne | 155 | 64-80-96 |
| | | K3.2.C.UT Ferrytyczne, Perlityczne | 215 | 64-80-96 |
| | | K3.3.C.UT Perlityczne | 265 | 64-80-96 |
| | | K3.5.C.UT Austenityczna | 190 | 64-80-96 |
| | | K5.1.C.NS ADI | 300 | 64-80-96 |
| | N | Stopy aluminium O czystości handlowej | 60 | 200-250-300 |
| | | N1.2.Z.AG Stopy AlSi, Si ≤ 1% | 100 | 200-250-300 |
| | | N1.3.C.UT Odlewy, niestarte | 75 | 200-250-300 |
| | | N1.3.C.AG Odlewy lub odlewy starzone | 90 | 160-200-240 |
| | | N1.4.C.NS Stopy odlewnicze AlSi, Si ≥ 13% | 130 | 120-150-180 |
| | | Stopy miedzi Automatowe stopy miedzi (Pb>1%) | 110 | 176-220-264 |
| | | N3.1.U.UT Bezołowiowe stopy miedzi (w tym miedź elektrolityczna) | 100 | 100-125-150 |
| | S | Stopy tytanu S4.1.Z.UT | 200 | 44-55-66 |
| | | S4.2.Z.AN | 320 | 32-40-48 |
| | | S4.4.Z.AN | 330 | 32-40-48 |
| | | | | |
| | H | H1.1.Z.HA Stale bardzo twarde: Hartowane i odpuszczone | 50HRC | 24-30-36 |
| | | H2.0.C.UT.4 Żeliwo zabilone | 64HRC | 20-25-30 |

4 – 5 × DC

SANDVIK
Coromant

CoroDrill® 460

Chłodziwo podawane wewnątrz, jednostki metryczne

7 – 8 × DC

| | | | Twardość Brinella | Prędkość skrawania (v _c), m/min. |
|-----|-------------|--|-------------------|--|
| ISO | Kod MC | Materiał | HB | |
| P | | Stal węglowa | | (min.-start-maks.) |
| | P1.1.Z.AN | C = 0.05–0.10% | 125 | 104-130-156 |
| | P1.1.Z.AN | C = 0,1–0,25% | 125 | 104-130-156 |
| | P1.2.Z.AN | C = 0.25–0,55% | 150 | 88-110-132 |
| | P1.3.Z.AN | C = 0,55–0,80% | 170 | 88-110-132 |
| | P1.3.Z.AN | Stal wysokowęglowa | | |
| | | Węglowa stal narzędziowa | 210 | 88-110-132 |
| | | Stal niskostopowa | | |
| | P2.1.Z.AN | Niehartowana | 175 | 88-110-132 |
| | P2.5.Z.HT.1 | Hartowana i odpuszczana | 275 | 72-90-108 |
| | P2.5.Z.HT.2 | Hartowana i odpuszczana | 350 | 64-80-96 |
| | | Stal wysokostopowa | | |
| M | P3.0.Z.AN | Wyżarzana | 200 | 80-100-120 |
| | P3.0.Z.HT.1 | Hartowana stal narzędziowa | 300 | 64-80-96 |
| | | Odlewy staliwne | | |
| | P1.5.C.UT | Niestopowe | 150 | 88-110-132 |
| | P2.6.C.UT | Niskostopowe (zawartość dodatków stopowych ≤5%) | 200 | 80-100-120 |
| | | Stal nierdzewna | | |
| | M1.0.Z.AQ | Austenityczna | 200 | 24-30-36 |
| | M2.0.Z.AQ | Superaustenityczna Ni≥20% | 200 | 24-30-36 |
| | M3.1.Z.AQ | Duplex (ferrytyczno-austenityczna) | 230 | 20-25-30 |
| | M3.2.Z.AQ | Duplex (ferrytyczno-austenityczna) | 260 | 20-25-30 |
| | M1.0.C.UT | Austenityczna | 200 | 24-30-36 |
| | M2.0.C.AQ | Superaustenityczna Ni≥20% | 200 | 24-30-36 |
| K | M3.1.C.AQ | Duplex (ferrytyczno-austenityczna) | 230 | 20-25-30 |
| | | Żeliwo ciągliwe | | |
| | K1.1.C.NS | Ferrytyczne, Perlityczne | 200 | 60-75-90 |
| | | Żeliwo szare | | |
| | K2.1.C.UT | O niskiej wytrzymałości | 180 | 92-115-138 |
| | K2.2.C.UT | O niskiej wytrzymałości | 245 | 92-115-138 |
| | K2.3.C.UT | Austenityczna | 175 | 60-75-90 |
| | | Żeliwo sferoidalne | | |
| | K3.1.C.UT | Ferrytyczne | 155 | 60-75-90 |
| | K3.2.C.UT | Ferrytyczne, Perlityczne | 215 | 60-75-90 |
| | K3.3.C.UT | Perlityczne | 265 | 60-75-90 |
| | K3.5.C.UT | Austenityczna | 190 | 60-75-90 |
| N | K5.1.C.NS | ADI | 300 | 60-75-90 |
| | | Stopy aluminium | | |
| | N1.2.Z.UT | Czystość handlowa | 60 | 216-270-324 |
| | N1.2.Z.AG | Stopy AlSi, Si ≤ 1% | 100 | 216-270-324 |
| | N1.3.C.UT | Odlewy, niestarzone | 75 | 216-270-324 |
| | N1.3.C.AG | Odlewy lub odlewy starzone | 90 | 144-180-216 |
| | N1.4.C.NS | Stopy odlewnicze AlSi, Si ≥ 13% | 130 | 72-90-108 |
| | | Stopy miedzi | | |
| D | N3.3.U.UT | Automatowe stopy miedzi (Pb>1%) | 110 | 176-220-264 |
| | N3.1.U.UT | Bezołowiowe stopy miedzi (w tym miedź elektrolityczna) | 100 | 100-125-150 |

7 – 8 × DC

SANDVIK
Coromant

CoroDrill® 460

Chłodziwo podawane zewnątrz, jednostki metryczne

2 – 3 x DC

B

C

D

E

| | | | Twierdź Brinella | Prędkość skrawania (v _c), m/min. |
|-----|-------------|--|------------------|--|
| ISO | Kod MC | Materiał | HB | |
| P | P1.1.Z.AN | Stal węglowa | | (min.-start-maks.) |
| | | C = 0,05–0,10% | 125 | 80-100-125 |
| | P1.1.Z.AN | C = 0,1–0,25% | 125 | 80-100-125 |
| | P1.2.Z.AN | C = 0,25–0,55% | 150 | 70.4-88-110 |
| | P1.3.Z.AN | C = 0,55–0,80% | 170 | 70.4-88-110 |
| | P1.3.Z.AN | Stal wysokowęglowa | | |
| | | Węglowa stal narzędziowa | 210 | 70.4-88-110 |
| | | Stal niskostopowa | | |
| | P2.1.Z.AN | Stal | 175 | 70.4-88-110 |
| | P2.5.Z.HT.1 | Stal hartowana i odpuszczana | 275 | 48-60-75 |
| | P2.5.Z.HT.2 | Stal hartowana i odpuszczana | 350 | 61.6-52-65 |
| | | Stal wysokostopowa | | |
| | P3.0.Z.AN | Wyżarzana | 200 | 60.8-76-95 |
| | P3.0.Z.HT.1 | Hartowana stal narzędziowa | 300 | 41.6-52-65 |
| | P1.5.C.UT | Odlewy stalowe | 150 | 70.4-88-110 |
| M | P2.6.C.UT | Niskostopowe (zawartość dodatków stopowych ≤ 5%) | 200 | 60.8-76-95 |
| | | Stal nierdzewna | | |
| | M1.0.Z.AQ | Austenityczna | 200 | 22.4-28-35 |
| | M2.0.Z.AQ | Superaustenityczna Ni≥20% | 200 | 22.4-28-35 |
| | M3.1.Z.AQ | Duplex (ferrytyczno-austenityczna) | 230 | 19.2-24-30 |
| | M3.2.Z.AQ | Duplex (ferrytyczno-austenityczna) | 260 | 19.2-24-30 |
| | M1.0.C.UT | Austenityczna | 200 | 22.4-28-35 |
| | M2.0.C.AQ | Superaustenityczna Ni≥20% | 200 | 22.4-28-35 |
| | M3.1.C.AQ | Duplex (ferrytyczno-austenityczna) | 230 | 19.2-24-30 |
| | | Żeliwo ciągliwe | | |
| K | K1.1.C.NS | Ferrytyczne, Perlityczne | 200 | 51.2-64-80 |
| | | Żeliwo szare | | |
| | K2.1.C.UT | O niskiej wytrzymałości | 180 | 70.4-88-110 |
| | K2.2.C.UT | O wysokiej wytrzymałości | 245 | 70.4-88-110 |
| | K2.3.C.UT | Austenityczna | 175 | 51.2-64-80 |
| | | Żeliwo sferoidalne | | |
| | K3.1.C.UT | Ferrytyczne | 155 | 51.2-64-80 |
| | K3.2.C.UT | Ferrytyczne, Perlityczne | 215 | 51.2-64-80 |
| | K3.3.C.UT | Perlityczne | 265 | 51.2-64-80 |
| | K3.5.C.UT | Austenityczna | 190 | 51.2-64-80 |
| | K5.1.C.NS | ADI | 300 | 51.2-64-80 |
| | | Stopy aluminium | | |
| N | N1.2.Z.UT | O czystości handlowej | 60 | 160-200-250 |
| | N1.2.Z.AG | Stopy AlSi, Si ≤ 1% | 100 | 160-200-250 |
| | N1.3.C.UT | Odlewy, niestarte | 75 | 160-200-250 |
| | N1.3.C.AG | Odlewy lub odlewy starzone | 90 | 128-160-200 |
| | N1.4.C.NS | Stopy odlewnicze AlSi, Si ≥ 13% | 130 | 96-120-150 |
| | | Stopy miedzi | | |
| | N3.3.U.UT | Automatowe stopy miedzi (Pb>1%) | 110 | 140.8-176-220 |
| | N3.1.U.UT | Bezołowiowe stopy miedzi (w tym miedź elektrolityczna) | 100 | 80-100-125 |
| S | | Stopy tytanu | | |
| | S4.1.Z.UT | | 200 | 32.5-44-55 |
| | S4.2.Z.AN | | 320 | 25.6-32-40 |
| | S4.4.Z.AN | | 330 | 25.6-32-40 |
| H | H1.1.Z.HA | Stale bardzo twarde: Hartowane i odpuszczone | 50HRC | 19.2-24-30 |
| | H2.0.C.UT.4 | Żeliwo zabilone | 64HRC | 16-20-25 |

2 – 3 x DC

SANDVIK
Coromant

CoroDrill® 460

Chłodziwo podawane zewnątrznie, jednostki metryczne

4 – 5 × DC

B

C

D

E

| | | | Twierdź Brinella | Prędkość skrawania (v _c), m/min. |
|-----|-------------|--|------------------|--|
| ISO | Kod MC | Materiał | HB | |
| P | P1.1.Z.AN | Stal węglowa | | (min.-start-maks.) |
| | | C = 0,05–0,10% | 125 | 80-100-125 |
| | P1.1.Z.AN | C = 0,1–0,25% | 125 | 80-100-125 |
| | P1.2.Z.AN | C = 0,25–0,55% | 150 | 70.4-88-110 |
| | P1.3.Z.AN | C = 0,55–0,80% | 170 | 70.4-88-110 |
| | P1.3.Z.AN | Stal wysokowęglowa | | |
| | | Węglowa stal narzędziowa | 210 | 70.4-88-110 |
| | | Stal niskostopowa | | |
| | P2.1.Z.AN | Stal | 175 | 70.4-88-110 |
| | P2.5.Z.HT.1 | Stal hartowana i odpuszczana | 275 | 48-60-75 |
| | P2.5.Z.HT.2 | Stal hartowana i odpuszczana | 350 | 41.6-52-65 |
| | | Stal wysokostopowa | | |
| | P3.0.Z.AN | Wyżarzana | 200 | 60.8-76-95 |
| | P3.0.Z.HT.1 | Hartowana stal narzędziowa | 300 | 41.6-52-65 |
| | | Odlewy stalowe | | |
| M | P1.5.C.UT | Niestopowe | 150 | 70.4-88-110 |
| | P2.6.C.UT | Niskostopowe (zawartość dodatków stopowych ≤ 5%) | 200 | 60.8-76-95 |
| | | Stal nierdzewna | | |
| | M1.0.Z.AQ | Austenityczna | 200 | 22.4-28-35 |
| | M2.0.Z.AQ | Superaustenityczna Ni≥20% | 200 | 22.4-28-35 |
| | M3.1.Z.AQ | Duplex (ferrytyczno-austenityczna) | 230 | 19.2-24-30 |
| | M3.2.Z.AQ | Duplex (ferrytyczno-austenityczna) | 260 | 19.2-24-30 |
| | M1.0.C.UT | Austenityczna | 200 | 22.4-28-35 |
| | M2.0.C.AQ | Superaustenityczna Ni≥20% | 200 | 22.4-28-35 |
| | M3.1.C.AQ | Duplex (ferrytyczno-austenityczna) | 230 | 19.2-24-30 |
| | | Żeliwo ciągliwe | | |
| | K1.1.C.NS | Ferrytyczne, Perlityczne | 200 | 51.2-64-80 |
| | | Żeliwo szare | | |
| | K2.1.C.UT | O niskiej wytrzymałości | 180 | 70.4-88-110 |
| | K2.2.C.UT | O wysokiej wytrzymałości | 245 | 70.4-88-110 |
| K | K2.3.C.UT | Austenityczna | 175 | 51.2-64-80 |
| | | Żeliwo sferoidalne | | |
| | K3.1.C.UT | Ferrytyczne | 155 | 51.2-64-80 |
| | K3.2.C.UT | Ferrytyczne, Perlityczne | 215 | 51.2-64-80 |
| | K3.3.C.UT | Perlityczne | 265 | 51.2-64-80 |
| | K3.5.C.UT | Austenityczna | 190 | 51.2-64-80 |
| | K5.1.C.NS | ADI | 300 | 51.2-64-80 |
| | | Stopy aluminium | | |
| | N1.2.Z.UT | O czystości handlowej | 60 | 160-200-250 |
| | N1.2.Z.AG | Stopy AlSi, Si ≤ 1% | 100 | 160-200-250 |
| | N1.3.C.UT | Odlewy, niestarte | 75 | 160-200-250 |
| | N1.3.C.AG | Odlewy lub odlewy starzone | 90 | 128-160-200 |
| | N1.4.C.NS | Stopy odlewnicze AlSi, Si ≥ 13% | 130 | 96-120-150 |
| | | Stopy miedzi | | |
| | N3.3.U.UT | Automatowe stopy miedzi (Pb>1%) | 110 | 140.8-176-220 |
| N | N3.1.U.UT | Bezołowiowe stopy miedzi (w tym miedź elektrolityczna) | 100 | 80-100-125 |
| | | Stopy tytanu | | |
| | S4.1.Z.UT | | 200 | 32.5-44-55 |
| | S4.2.Z.AN | | 320 | 25.6-32-40 |
| | S4.4.Z.AN | | 330 | 25.6-32-40 |
| | | Stale bardzo twarde: Hartowane i odpuszczone | | |
| | H1.1.Z.HA | | 50HRC | 19.2-24-30 |
| | H2.0.C.UT.4 | Żeliwo zabilone | 64HRC | 16-20-25 |

4 – 5 × DC

SANDVIK
Coromant

CoroDrill® 460

Chłodziwo podawane wewnątrznie, jednostki calowe

2 – 3 x DC

| | | | Twierdzość Brinella | Prędkość skrawania V _c ft/min |
|-----|-------------|--|---------------------|--|
| ISO | Kod MC | Materiał | HB | |
| P | P1.1.Z.AN | Stal węglowa C = 0,05–0,10% | 125 | (min.-start-maks.) 328-410-492 |
| | P1.1.Z.AN | C = 0,1–0,25% | 125 | 328-410-492 |
| | P1.2.Z.AN | C = 0,25–0,55% | 150 | 289-361-433 |
| | P1.3.Z.AN | C = 0,55–0,80% | 170 | 289-361-433 |
| | P1.3.Z.AN | Stal wysokowęglowa Węglowa stal narzędziowa | 210 | 289-361-433 |
| | | Stal niskostopowa | | |
| | P2.1.Z.AN | Stal | 175 | 289-361-433 |
| | P2.5.Z.HT.1 | Stal hartowana i odpuszczana | 275 | 197-246-295 |
| | P2.5.Z.HT.2 | Stal hartowana i odpuszczana | 350 | 171-213-256 |
| | | Stal wysokostopowa | | |
| | P3.0.Z.AN | Wyżarzana | 200 | 249-312-374 |
| | P3.0.Z.HT.1 | Hartowana stal narzędziowa | 300 | 171-213-256 |
| | | Odlewy stalowe | | |
| | P1.5.C.UT | Niestopowe | 150 | 289-361-433 |
| | P2.6.C.UT | Niskostopowe (zawartość dodatków stopowych ≤ 5%) | 200 | 249-312-374 |
| M | | Stal nierdzewna | | |
| | M1.0.Z.AQ | Austenityczna | 200 | 105-131-157 |
| | M2.0.Z.AQ | Superaustenityczna Ni≥20% | 200 | 105-131-157 |
| | M3.1.Z.AQ | Duplex (ferrytyczno-austenityczna) | 230 | 92-115-138 |
| | M3.2.Z.AQ | Duplex (ferrytyczno-austenityczna) | 260 | 92-115-138 |
| | M1.0.C.UT | Austenityczna | 200 | 105-131-157 |
| | M2.0.C.AQ | Superaustenityczna Ni≥20% | 200 | 105-131-157 |
| | M3.1.C.AQ | Duplex (ferrytyczno-austenityczna) | 230 | 92-115-138 |
| K | | Żeliwo ciągliwe | | |
| | K1.1.C.NS | Ferrytyczne, Perlityczne | 200 | 210-262-315 |
| | | Żeliwo szare | | |
| | K2.1.C.UT | O niskiej wytrzymałości | 180 | 289-361-433 |
| | K2.2.C.UT | O wysokiej wytrzymałości | 245 | 289-361-433 |
| | K2.3.C.UT | Austenityczna | 175 | 210-262-315 |
| | | Żeliwo sferoidalne | | |
| | K3.1.C.UT | Ferrytyczne | 155 | 210-262-315 |
| | K3.2.C.UT | Ferrytyczne, Perlityczne | 215 | 210-262-315 |
| | K3.3.C.UT | Perlityczne | 265 | 210-262-315 |
| | K3.5.C.UT | Austenityczna | 190 | 210-262-315 |
| | K5.1.C.NS | ADI | 300 | 210-262-315 |
| N | | Stopy aluminium | | |
| | N1.2.Z.UT | O czystości handlowej | 60 | 656-820-984 |
| | N1.2.Z.AG | Stopy AlSi, Si ≤ 1% | 100 | 656-820-984 |
| | N1.3.C.UT | Odlewy, niestarte | 75 | 656-820-984 |
| | N1.3.C.AG | Odlewy lub odlewy starzone | 90 | 525-656-787 |
| | N1.4.C.NS | Stopy odlewnicze AlSi, Si ≥ 13% | 130 | 394-492-591 |
| | | Stopy miedzi | | |
| | N3.3.U.UT | Automatowe stopy miedzi (Pb>1%) | 110 | 577-722-866 |
| | N3.1.U.UT | Bezołowiowe stopy miedzi (w tym miedź elektrolityczna) | 100 | 328-410-492 |
| | | Stopy tytanu | | |
| S | S4.1.Z.UT | | 200 | 144-180-217 |
| | S4.2.Z.AN | | 320 | 105-121-157 |
| | S4.4.Z.AN | | 330 | 105-121-157 |
| H | H1.1.Z.HA | Stale bardzo twarde: Hartowane i odpuszczone | 50HRC | 79-98-118 |
| | H2.0.C.UT.4 | Żeliwo zabilone | 64HRC | 66-82-98 |

2 – 3 x DC

O

CoroDrill® 460

Chłodziwo podawane wewnątrz, jednostki calowe

4 – 5 × DC

B

C

D

E

| | | | Twardość Brinella | Prędkość skrawania V _c ft/min |
|-----|-------------|--|-------------------|--|
| ISO | Kod MC | Materiał | HB | |
| P | P1.1.Z.AN | Stal węglowa C = 0,05–0,10% | 125 | (min.-start-maks.) 328-410-492 |
| | P1.1.Z.AN | C = 0,1–0,25% | 125 | 328-410-492 |
| | P1.2.Z.AN | C = 0,25–0,55% | 150 | 289-361-433 |
| | P1.3.Z.AN | C = 0,55–0,80% | 170 | 289-361-433 |
| | P1.3.Z.AN | Stal wysokowęglowa Węglowa stal narzędziowa | 210 | 289-361-433 |
| | | Stal niskostopowa | | |
| | P2.1.Z.AN | Stal | 175 | 289-361-433 |
| | P2.5.Z.HT.1 | Stal hartowana i odpuszczana | 275 | 197-246-295 |
| | P2.5.Z.HT.2 | Stal hartowana i odpuszczana | 350 | 171-213-256 |
| | | Stal wysokostopowa | | |
| | P3.0.Z.AN | Wyżarzana | 200 | 249-312-374 |
| | P3.0.Z.HT.1 | Hartowana stal narzędziowa | 300 | 171-213-256 |
| | | Odlewy stalowe | | |
| | P1.5.C.UT | Niestopowe | 150 | 289-361-433 |
| | P2.6.C.UT | Niskostopowe (zawartość dodatków stopowych ≤ 5%) | 200 | 249-312-374 |
| M | M1.0.Z.AQ | Stal nierdzewna Austenityczna | 200 | 105-131-157 |
| | M2.0.Z.AQ | Superaustenityczna Ni≥20% | 200 | 105-131-157 |
| | M3.1.Z.AQ | Duplex (ferrytyczno-austenityczna) | 230 | 92-115-138 |
| | M3.2.Z.AQ | Duplex (ferrytyczno-austenityczna) | 260 | 92-115-138 |
| | M1.0.C.UT | Austenityczna | 200 | 105-131-157 |
| | M2.0.C.AQ | Superaustenityczna Ni≥20% | 200 | 105-131-157 |
| | M3.1.C.AQ | Duplex (ferrytyczno-austenityczna) | 230 | 92-115-138 |
| | | | | |
| K | K1.1.C.NS | Żeliwo ciągliwe Ferrytyczne, Perlityczne | 200 | 210-262-315 |
| | | Żeliwo szare | | |
| | K2.1.C.UT | O niskiej wytrzymałości | 180 | 289-361-433 |
| | K2.2.C.UT | O wysokiej wytrzymałości | 245 | 289-361-433 |
| | K2.3.C.UT | Austenityczna | 175 | 210-262-315 |
| | | Żeliwo sferoidalne | | |
| | K3.1.C.UT | Ferrytyczne | 155 | 210-262-315 |
| | K3.2.C.UT | Ferrytyczne, Perlityczne | 215 | 210-262-315 |
| | K3.3.C.UT | Perlityczne | 265 | 210-262-315 |
| | K3.5.C.UT | Austenityczna | 190 | 210-262-315 |
| | K5.1.C.NS | ADI | 300 | 210-262-315 |
| N | | Stopy aluminium | | |
| | N1.2.Z.UT | O czystości handlowej | 60 | 656-820-984 |
| | N1.2.Z.AG | Stopy AlSi, Si ≤ 1% | 100 | 656-820-984 |
| | N1.3.C.UT | Odlewy, niestarte | 75 | 656-820-984 |
| | N1.3.C.AG | Odlewy lub odlewy starzone | 90 | 525-656-787 |
| | N1.4.C.NS | Stopy odlewnicze AlSi, Si ≥ 13% | 130 | 394-492-591 |
| | | Stopy miedzi | | |
| | N3.3.U.UT | Automatowe stopy miedzi (Pb>1%) | 110 | 577-722-866 |
| | N3.1.U.UT | Bezołowiowe stopy miedzi (w tym miedź elektrolityczna) | 100 | 328-410-492 |
| | | Stopy tytanu | | |
| S | S4.1.Z.UT | | 200 | 144-180-217 |
| | S4.2.Z.AN | | 320 | 105-121-157 |
| | S4.4.Z.AN | | 330 | 105-121-157 |
| H | H1.1.Z.HA | Stale bardzo twarde: Hartowane i odpuszczone | 50HRC | 79-98-118 |
| | H2.0.C.UT.4 | Żeliwo zabilone | 64HRC | 66-82-98 |

4 – 5 x DC

SANDVIK
Coromant

CoroDrill® 460

Chłodziwo podawane wewnątrz, jednostki calowe

7 – 8 × DC

B

C

D

E

| | | | Twardość Brinella | Prędkość skrawania V _c ft/min |
|-----|-------------|--|-------------------|--|
| ISO | Kod MC | Materiał | HB | |
| P | P1.1.Z.AN | Stal węglowa | | (min.-start-maks.) |
| | | C = 0.05–0.10% | 125 | 341-427-512 |
| | P1.1.Z.AN | C = 0,1–0,25% | 125 | 341-427-512 |
| | P1.2.Z.AN | C = 0.25–0,55% | 150 | 289-361-433 |
| | P1.3.Z.AN | C = 0,55–0,80% | 170 | 289-361-433 |
| | P1.3.Z.AN | Stal wysokowęglowa | | |
| | | Węglowa stal narzędziowa | 210 | 289-361-433 |
| | P2.1.Z.AN | Stal niskostopowa | | |
| | | Niehartowana | 175 | 289-361-433 |
| | P2.5.Z.HT.1 | Hartowana i odpuszczana | 275 | 236-295-354 |
| | P2.5.Z.HT.2 | Hartowana i odpuszczana | 350 | 210-262-315 |
| | P3.0.Z.AN | Stal wysokostopowa | | |
| M | | Wyżarzana | 200 | 262-328-394 |
| | P3.0.Z.HT.1 | Hartowana stal narzędziowa | 300 | 210-262-315 |
| | P1.5.C.UT | Odlewy staliwne | | |
| | | Niestopowe | 150 | 289-361-433 |
| | P2.6.C.UT | Niskostopowe (zawartość dodatków stopowych ≤5%) | 200 | 262-328-394 |
| | M1.0.Z.AQ | Stal nierdzewna | | |
| | | Austenityczna | 200 | 79-98-118 |
| | M2.0.Z.AQ | Superaustenityczna Ni≥20% | 200 | 79-98-118 |
| | M3.1.Z.AQ | Duplex (ferrytyczno-austenityczna) | 230 | 66-82-98 |
| | M3.2.Z.AQ | Duplex (ferrytyczno-austenityczna) | 260 | 66-82-98 |
| | M1.0.C.UT | Austenityczna | 200 | 79-98-118 |
| | M2.0.C.AQ | Superaustenityczna Ni≥20% | 200 | 79-98-118 |
| K | M3.1.C.AQ | Duplex (ferrytyczno-austenityczna) | 230 | 66-82-98 |
| | K1.1.C.NS | Żeliwo ciągliwe | | |
| | | Ferrytyczne, Perlityczne | 200 | 197-246-295 |
| | K2.1.C.UT | Żeliwo szare | | |
| | | O niskiej wytrzymałości | 180 | 302-377-453 |
| | K2.2.C.UT | O wysokiej wytrzymałości | 245 | 302-377-453 |
| | K2.3.C.UT | Austenityczna | 175 | 197-246-295 |
| | K3.1.C.UT | Żeliwo sferoidalne | | |
| | | Ferrytyczne | 155 | 197-246-295 |
| | K3.2.C.UT | Ferrytyczne, Perlityczne | 215 | 197-246-295 |
| | K3.3.C.UT | Perlityczne | 265 | 197-246-295 |
| | K3.5.C.UT | Austenityczna | 190 | 197-246-295 |
| N | K5.1.C.NS | ADI | 300 | 197-246-295 |
| | N1.2.Z.UT | Stopy aluminium | | |
| | | Czystość handlowa | 60 | 709-886-1063 |
| | N1.2.Z.AG | Stopy AlSi, Si ≤ 1% | 100 | 709-886-1063 |
| | N1.3.C.UT | Odlewy, niestarzone | 75 | 709-886-1063 |
| | N1.3.C.AG | Odlewy lub odlewy starzone | 90 | 472-591-709 |
| | N1.4.C.NS | Stopy odlewnicze AlSi, Si ≥ 13% | 130 | 236-295-354 |
| | N3.3.U.UT | Stopy miedzi | | |
| D | | Automatowe stopy miedzi (Pb>1%) | 110 | 577-722-866 |
| | N3.1.U.UT | Bezołowiowe stopy miedzi (w tym miedź elektrolityczna) | 100 | 328-410-492 |

7 – 8 × DC

O

CoroDrill® 460

Chłodziwo podawane zewnątrznie, jednostki calowe

2 – 3 x DC

B

C

D

E

| | | | Twardość Brinella | Prędkość skrawania V _c ft/min |
|-----|-------------|---|-------------------|--|
| ISO | Kod MC | Materiał | HB | |
| P | P1.1.Z.AN | Stal węglowa C = 0,05–0,10% | 125 | (min.-start-maks.) 262-328-410 |
| | P1.1.Z.AN | C = 0,1–0,25% | 125 | 262-328-410 |
| | P1.2.Z.AN | C = 0,25–0,55% | 150 | 289-361-433 |
| | P1.3.Z.AN | C = 0,55–0,80% | 170 | 231-289-361 |
| | P1.3.Z.AN | Stal wysokowęglowa Węglowa stal narzędziowa | 210 | 231-289-361 |
| | P2.1.Z.AN | Stal niskostopowa Stal | 175 | 231-289-361 |
| | P2.5.Z.HT.1 | Stal hartowana i odpuszczana | 275 | 157-197-246 |
| | P2.5.Z.HT.2 | Stal hartowana i odpuszczana | 350 | 136-171-213 |
| | P3.0.Z.AN | Stal wysokostopowa Wyżarzana | 200 | 199-249-312 |
| | P3.0.Z.HT.1 | Hartowana stal narzędziowa | 300 | 136-171-213 |
| | P1.5.C.UT | Odlewy stalowe Niestopowe | 150 | 231-289-361 |
| | P2.6.C.UT | Niskostopowe (zawartość dodatków stopowych ≤ 5%) | 200 | 199-249-312 |
| | M | Stal nierdzewna Austenityczna | 200 | 73-92-115 |
| | | M2.0.Z.AQ Superaustenityczna Ni≥20% | 200 | 73-92-115 |
| | | M3.1.Z.AQ Duplex (ferrytyczno-austenityczna) | 230 | 63-79-98 |
| | | M3.2.Z.AQ Duplex (ferrytyczno-austenityczna) | 260 | 63-79-98 |
| | | M1.0.C.UT Austenityczna | 200 | 73-92-115 |
| | | M2.0.C.AQ Superaustenityczna Ni≥20% | 200 | 73-92-115 |
| | | M3.1.C.AQ Duplex (ferrytyczno-austenityczna) | 230 | 63-79-98 |
| | K | Żeliwo ciągliwe Ferrytyczne, Perlityczne | 200 | 168-210-262 |
| | | Żeliwo szare O niskiej wytrzymałości | 180 | 231-289-361 |
| | | K2.2.C.UT O wysokiej wytrzymałości | 245 | 231-289-361 |
| | | K2.3.C.UT Austenityczna | 175 | 168-210-262 |
| | | Żeliwo sferoidalne Ferrytyczne | 155 | 168-210-262 |
| | | K3.2.C.UT Ferrytyczne, Perlityczne | 215 | 168-210-262 |
| | | K3.3.C.UT Perlityczne | 265 | 168-210-262 |
| | | K3.5.C.UT Austenityczna | 190 | 210-262-315 |
| | | K5.1.C.NS ADI | 300 | 168-210-262 |
| | N | Stopy aluminium O czystości handlowej | 60 | 525-656-820 |
| | | N1.2.Z.AG Stopy AlSi, Si ≤ 1% | 100 | 525-656-820 |
| | | N1.3.C.UT Odlewy, niestarte | 75 | 525-656-820 |
| | | N1.3.C.AG Odlewy lub odlewy starzone | 90 | 420-525-656 |
| | | N1.4.C.NS Stopy odlewnicze AlSi, Si ≥ 13% | 130 | 315-394-492 |
| | | Stopy miedzi Automatowe stopy miedzi (Pb>1%) | 110 | 462-577-722 |
| | | N3.1.U.UT Bezołowiowe stopy miedzi (w tym miedź elektrolityczna) | 100 | 262-328-410 |
| | S | Stopy tytanu S4.1.Z.UT | 200 | 115-144-180 |
| | | S4.2.Z.AN | 320 | 84-105-131 |
| | | S4.4.Z.AN | 330 | 84-105-131 |
| | H | H1.1.Z.HA Stale bardzo twarde: Hartowane i odpuszczone | 50HRC | 63-79-98 |
| | | H2.0.C.UT.4 Żeliwo zabilone | 64HRC | 52-66-82 |

CoroDrill® 460

Chłodziwo podawane zewnętrznie, jednostki calowe

2 – 3 x DC

| Średnica wiertła, cale | | | | | | | |
|---|---|---|---|---|---|---|---|
| .1181 | .1575 | .2362 | .3150 | .3937 | .4724 | .6299 | .7874 |
| Posuw f _n cale/obr. (min.-start-maks.) | | | | | | | |
| .0041-.0051-.0061 .0041-.0051-.0061 .0041-.0051-.0061 .0041-.0051-.0061 | .0047-.0059-.0071 .0047-.0059-.0071 .0047-.0059-.0071 .0047-.0059-.0071 | .0063-.0079-.0094 .0063-.0079-.0094 .0063-.0079-.0094 .0063-.0079-.0094 | .0082-.0102-.0123 .0082-.0102-.0123 .0082-.0102-.0123 .0082-.0102-.0123 | .0104-.0130-.0156 .0104-.0130-.0156 .0104-.0130-.0156 .0104-.0130-.0156 | .0120-.0150-.0180 .0120-.0150-.0180 .0120-.0150-.0180 .0120-.0150-.0180 | .0135-.0169-.0203 .0135-.0169-.0203 .0135-.0169-.0203 .0135-.0169-.0203 | .0142-.0177-.0213 .0142-.0177-.0213 .0142-.0177-.0213 .0142-.0177-.0213 |
| .0041-.0051-.0061 | .0047-.0059-.0071 | .0063-.0079-.0094 | .0082-.0102-.0123 | .0104-.0130-.0156 | .0120-.0150-.0180 | .0135-.0169-.0203 | .0142-.0177-.0213 |
| .0041-.0051-.0061 .0031-.0039-.0047 .0022-.0028-.0033 | .0047-.0059-.0071 .0036-.0045-.0054 .0025-.0031-.0038 | .0063-.0079-.0094 .0048-.0060-.0072 .0034-.0042-.0051 | .0082-.0102-.0123 .0063-.0079-.0094 .0044-.0055-.0066 | .0104-.0130-.0156 .0079-.0098-.0118 .0054-.0067-.0080 | .0120-.0150-.0180 .0088-.0110-.0132 .0063-.0079-.0094 | .0135-.0169-.0203 .0101-.0126-.0151 .0072-.0091-.0109 | .0142-.0177-.0213 .0107-.0134-.0161 .0076-.0094-.0113 |
| .0031-.0039-.0047 .0022-.0028-.0033 | .0036-.0045-.0054 .0025-.0031-.0038 | .0048-.0060-.0072 .0034-.0042-.0051 | .0063-.0079-.0094 .0044-.0055-.0066 | .0079-.0098-.0118 .0054-.0067-.0080 | .0088-.0110-.0132 .0063-.0079-.0094 | .0101-.0126-.0151 .0072-.0091-.0109 | .0107-.0134-.0161 .0076-.0094-.0113 |
| .0041-.0051-.0061 .0031-.0039-.0047 | .0047-.0059-.0071 .0036-.0045-.0054 | .0063-.0079-.0094 .0048-.0060-.0072 | .0082-.0102-.0123 .0063-.0079-.0094 | .0104-.0130-.0156 .0079-.0098-.0118 | .0120-.0150-.0180 .0088-.0110-.0132 | .0135-.0169-.0203 .0101-.0126-.0151 | .0142-.0177-.0213 .0107-.0134-.0161 |
| .0031-.0039-.0047 .0031-.0039-.0047 .0022-.0028-.0033 .0022-.0028-.0033 .0031-.0039-.0047 .0031-.0039-.0047 .0022-.0028-.0033 | .0036-.0045-.0054 .0036-.0045-.0054 .0025-.0031-.0038 .0025-.0031-.0038 .0036-.0045-.0054 .0036-.0045-.0054 .0025-.0031-.0038 | .0048-.0060-.0072 .0048-.0060-.0072 .0034-.0042-.0051 .0034-.0042-.0051 .0048-.0060-.0072 .0048-.0060-.0072 .0034-.0042-.0051 | .0063-.0079-.0094 .0063-.0079-.0094 .0044-.0055-.0066 .0044-.0055-.0066 .0063-.0079-.0094 .0063-.0079-.0094 .0044-.0055-.0066 | .0079-.0098-.0118 .0079-.0098-.0118 .0054-.0067-.0080 .0054-.0067-.0080 .0079-.0098-.0118 .0079-.0098-.0118 .0054-.0067-.0080 | .0088-.0110-.0132 .0088-.0110-.0132 .0063-.0079-.0094 .0063-.0079-.0094 .0088-.0110-.0132 .0088-.0110-.0132 .0063-.0079-.0094 | .0101-.0126-.0151 .0101-.0126-.0151 .0072-.0091-.0109 .0072-.0091-.0109 .0101-.0126-.0151 .0101-.0126-.0151 .0072-.0091-.0109 | .0107-.0134-.0161 .0107-.0134-.0161 .0076-.0094-.0113 .0076-.0094-.0113 .0107-.0134-.0161 .0107-.0134-.0161 .0076-.0094-.0113 |
| .0031-.0039-.0047 | .0036-.0045-.0054 | .0048-.0060-.0072 | .0063-.0079-.0094 | .0079-.0098-.0118 | .0088-.0110-.0132 | .0101-.0126-.0151 | .0107-.0134-.0161 |
| .0041-.0051-.0061 .0041-.0051-.0061 .0031-.0039-.0047 | .0047-.0059-.0071 .0047-.0059-.0071 .0036-.0045-.0054 | .0063-.0079-.0094 .0063-.0079-.0094 .0048-.0060-.0072 | .0082-.0102-.0123 .0082-.0102-.0123 .0063-.0079-.0094 | .0104-.0130-.0156 .0104-.0130-.0156 .0079-.0098-.0118 | .0120-.0150-.0180 .0120-.0150-.0180 .0088-.0110-.0132 | .0135-.0169-.0203 .0135-.0169-.0203 .0101-.0126-.0151 | .0142-.0177-.0213 .0142-.0177-.0213 .0107-.0134-.0161 |
| .0031-.0039-.0047 .0031-.0039-.0047 .0031-.0039-.0047 .0031-.0039-.0047 .0031-.0039-.0047 | .0036-.0045-.0054 .0036-.0045-.0054 .0036-.0045-.0054 .0036-.0045-.0054 .0036-.0045-.0054 | .0048-.0060-.0072 .0048-.0060-.0072 .0048-.0060-.0072 .0048-.0060-.0072 .0048-.0060-.0072 | .0063-.0079-.0094 .0063-.0079-.0094 .0063-.0079-.0094 .0063-.0079-.0094 .0063-.0079-.0094 | .0079-.0098-.0118 .0079-.0098-.0118 .0079-.0098-.0118 .0079-.0098-.0118 .0079-.0098-.0118 | .0088-.0110-.0132 .0088-.0110-.0132 .0088-.0110-.0132 .0088-.0110-.0132 .0088-.0110-.0132 | .0101-.0126-.0151 .0101-.0126-.0151 .0101-.0126-.0151 .0101-.0126-.0151 .0101-.0126-.0151 | .0107-.0134-.0161 .0107-.0134-.0161 .0107-.0134-.0161 .0107-.0134-.0161 .0107-.0134-.0161 |
| .0041-.0051-.0061 .0041-.0051-.0061 .0041-.0051-.0061 .0031-.0039-.0047 .0031-.0039-.0047 | .0047-.0059-.0071 .0047-.0059-.0071 .0047-.0059-.0071 .0036-.0045-.0054 .0036-.0045-.0054 | .0063-.0079-.0094 .0063-.0079-.0094 .0063-.0079-.0094 .0048-.0060-.0072 .0048-.0060-.0072 | .0082-.0102-.0123 .0082-.0102-.0123 .0082-.0102-.0123 .0063-.0079-.0094 .0063-.0079-.0094 | .0104-.0130-.0156 .0104-.0130-.0156 .0104-.0130-.0156 .0079-.0098-.0118 .0079-.0098-.0118 | .0120-.0150-.0180 .0120-.0150-.0180 .0120-.0150-.0180 .0088-.0110-.0132 .0088-.0110-.0132 | .0135-.0169-.0203 .0135-.0169-.0203 .0135-.0169-.0203 .0101-.0126-.0151 .0101-.0126-.0151 | .0142-.0177-.0213 .0142-.0177-.0213 .0142-.0177-.0213 .0107-.0134-.0161 .0107-.0134-.0161 |
| .0041-.0051-.0061 .0041-.0051-.0061 | .0047-.0059-.0071 .0047-.0059-.0071 | .0063-.0079-.0094 .0063-.0079-.0094 | .0082-.0102-.0123 .0082-.0102-.0123 | .0104-.0130-.0156 .0104-.0130-.0156 | .0120-.0150-.0180 .0120-.0150-.0180 | .0135-.0169-.0203 .0135-.0169-.0203 | .0142-.0177-.0213 .0142-.0177-.0213 |
| .0031-.0039-.0047 .0022-.0028-.0033 .0022-.0028-.0033 | .0036-.0045-.0054 .0025-.0031-.0038 .0025-.0031-.0038 | .0048-.0060-.0072 .0034-.0042-.0051 .0034-.0042-.0051 | .0063-.0079-.0094 .0044-.0055-.0066 .0044-.0055-.0066 | .0079-.0098-.0118 .0054-.0067-.0080 .0054-.0067-.0080 | .0088-.0110-.0132 .0063-.0079-.0094 .0063-.0079-.0094 | .0101-.0126-.0151 .0072-.0091-.0109 .0072-.0091-.0109 | .0107-.0134-.0161 .0076-.0094-.0113 .0076-.0094-.0113 |
| .0022-.0028-.0033 .0022-.0028-.0033 | .0025-.0031-.0038 .0025-.0031-.0038 | .0034-.0042-.0051 .0034-.0042-.0051 | .0044-.0055-.0066 .0044-.0055-.0066 | .0054-.0067-.0080 .0054-.0067-.0080 | .0063-.0079-.0094 .0063-.0079-.0094 | .0072-.0091-.0109 .0072-.0091-.0109 | .0076-.0094-.0113 .0076-.0094-.0113 |

CoroDrill® 460

Chłodziwo podawane zewnątrznie, jednostki calowe

4 – 5 × DC

B

C

D

E

| | | | Twardość Brinella | Prędkość skrawania V _c ft/min |
|-----|-------------|--|-------------------|--|
| ISO | Kod MC | Materiał | HB | |
| P | P1.1.Z.AN | Stal węglowa | | (min.-start-maks.) |
| | | C = 0,05–0,10% | 125 | 262-328-410 |
| | P1.1.Z.AN | C = 0,1–0,25% | 125 | 262-328-410 |
| | P1.2.Z.AN | C = 0,25–0,55% | 150 | 289-361-433 |
| | P1.3.Z.AN | C = 0,55–0,80% | 170 | 231-289-361 |
| | P1.3.Z.AN | Stal wysokowęglowa | | |
| | | Węglowa stal narzędziowa | 210 | 231-289-361 |
| | | Stal niskostopowa | | |
| | P2.1.Z.AN | Stal | 175 | 231-289-361 |
| | P2.5.Z.HT.1 | Stal hartowana i odpuszczana | 275 | 157-197-246 |
| | P2.5.Z.HT.2 | Stal hartowana i odpuszczana | 350 | 136-171-213 |
| | | Stal wysokostopowa | | |
| | P3.0.Z.AN | Wyżarzana | 200 | 199-249-312 |
| | P3.0.Z.HT.1 | Hartowana stal narzędziowa | 300 | 136-171-213 |
| | | Odlewy staliwne | | |
| M | P1.5.C.UT | Niestopowe | 150 | 231-289-361 |
| | P2.6.C.UT | Niskostopowe (zawartość dodatków stopowych ≤ 5%) | 200 | 199-249-312 |
| | | Stal nierdzewna | | |
| | M1.0.Z.AQ | Austenityczna | 200 | 73-92-115 |
| | M2.0.Z.AQ | Superaustenityczna Ni≥20% | 200 | 73-92-115 |
| | M3.1.Z.AQ | Duplex (ferrytyczno-austenityczna) | 230 | 63-79-98 |
| | M3.2.Z.AQ | Duplex (ferrytyczno-austenityczna) | 260 | 63-79-98 |
| | M1.0.C.UT | Austenityczna | 200 | 73-92-115 |
| | M2.0.C.AQ | Superaustenityczna Ni≥20% | 200 | 73-92-115 |
| | M3.1.C.AQ | Duplex (ferrytyczno-austenityczna) | 230 | 63-79-98 |
| | | Żeliwo ciagliwe | | |
| | K1.1.C.NS | Ferrytyczne, Perlityczne | 200 | 168-210-262 |
| | | Żeliwo szare | | |
| | K2.1.C.UT | O niskiej wytrzymałości | 180 | 231-289-361 |
| | K2.2.C.UT | O wysokiej wytrzymałości | 245 | 231-289-361 |
| K | K2.3.C.UT | Austenityczna | 175 | 168-210-262 |
| | | Żeliwo sferoidalne | | |
| | K3.1.C.UT | Ferrytyczne | 155 | 168-210-262 |
| | K3.2.C.UT | Ferrytyczne, Perlityczne | 215 | 168-210-262 |
| | K3.3.C.UT | Perlityczne | 265 | 168-210-262 |
| | K3.5.C.UT | Austenityczna | 190 | 168-210-262 |
| | K5.1.C.NS | ADI | 300 | 168-210-262 |
| | | Stopy aluminium | | |
| | N1.2.Z.UT | O czystości handlowej | 60 | 525-656-820 |
| | N1.2.Z.AG | Stopy AlSi, Si ≤ 1% | 100 | 525-656-820 |
| | N1.3.C.UT | Odlewy, niestarte | 75 | 525-656-820 |
| | N1.3.C.AG | Odlewy lub odlewy starzone | 90 | 420-525-656 |
| | N1.4.C.NS | Stopy odlewnicze AlSi, Si ≥ 13% | 130 | 315-394-492 |
| | | Stopy miedzi | | |
| | N3.3.U.UT | Automatowe stopy miedzi (Pb>1%) | 110 | 462-577-722 |
| S | N3.1.U.UT | Bezołowiowe stopy miedzi (w tym miedź elektrolityczna) | 100 | 262-328-410 |
| | | Stopy tytanu | | |
| | S4.1.Z.UT | | 200 | 115-144-180 |
| | S4.2.Z.AN | | 320 | 84-105-131 |
| | S4.4.Z.AN | | 330 | 84-105-131 |
| | | Stopy aluminium | | |
| | H1.1.Z.HA | Stale bardzo twarde: Hartowane i odpuszczone | 50HRC | 63-79-98 |
| | H2.0.C.UT.4 | Żeliwo zabilone | 64HRC | 52-66-82 |

CoroDrill® 460

Chłodziwo podawane zewnątrz, jednostki calowe

4 – 5 x DC

| Średnica wiertła, cale | | | | | | | |
|---|---|---|---|---|---|---|---|
| .1181 | .1575 | .2362 | .3150 | .3937 | .4724 | .6299 | .7874 |
| Posuw f_n cale/obr. (min.-start-maks.) | | | | | | | |
| .0031-.0039-.0047 .0031-.0039-.0047 .0031-.0039-.0047 .0031-.0039-.0047 | .0036-.0045-.0054 .0036-.0045-.0054 .0036-.0045-.0054 .0036-.0045-.0054 | .0048-.0060-.0072 .0048-.0060-.0072 .0048-.0060-.0072 .0048-.0060-.0072 | .0063-.0079-.0094 .0063-.0079-.0094 .0063-.0079-.0094 .0063-.0079-.0094 | .0079-.0098-.0118 .0079-.0098-.0118 .0079-.0098-.0118 .0079-.0098-.0118 | .0088-.0110-.0132 .0088-.0110-.0132 .0088-.0110-.0132 .0088-.0110-.0132 | .0101-.0126-.0151 .0101-.0126-.0151 .0101-.0126-.0151 .0101-.0126-.0151 | .0107-.0134-.0161 .0107-.0134-.0161 .0107-.0134-.0161 .0107-.0134-.0161 |
| .0031-.0039-.0047 | .0036-.0045-.0054 | .0048-.0060-.0072 | .0063-.0079-.0094 | .0079-.0098-.0118 | .0088-.0110-.0132 | .0101-.0126-.0151 | .0107-.0134-.0161 |
| .0031-.0039-.0047 .0031-.0039-.0047 .0022-.0028-.0033 | .0036-.0045-.0054 .0036-.0045-.0054 .0025-.0031-.0038 | .0048-.0060-.0072 .0048-.0060-.0072 .0034-.0042-.0051 | .0063-.0079-.0094 .0063-.0079-.0094 .0044-.0055-.0066 | .0079-.0098-.0118 .0079-.0098-.0118 .0054-.0067-.0080 | .0088-.0110-.0132 .0088-.0110-.0132 .0063-.0079-.0094 | .0101-.0126-.0151 .0101-.0126-.0151 .0072-.0091-.0109 | .0107-.0134-.0161 .0107-.0134-.0161 .0076-.0094-.0113 |
| .0031-.0039-.0047 .0022-.0028-.0033 | .0036-.0045-.0054 .0025-.0031-.0038 | .0048-.0060-.0072 .0034-.0042-.0051 | .0063-.0079-.0094 .0044-.0055-.0066 | .0079-.0098-.0118 .0054-.0067-.0080 | .0088-.0110-.0132 .0063-.0079-.0094 | .0101-.0126-.0151 .0072-.0091-.0109 | .0107-.0134-.0161 .0076-.0094-.0113 |
| .0031-.0039-.0047 .0031-.0039-.0047 | .0036-.0045-.0054 .0036-.0045-.0054 | .0048-.0060-.0072 .0048-.0060-.0072 | .0063-.0079-.0094 .0063-.0079-.0094 | .0079-.0098-.0118 .0079-.0098-.0118 | .0088-.0110-.0132 .0088-.0110-.0132 | .0101-.0126-.0151 .0101-.0126-.0151 | .0107-.0134-.0161 .0107-.0134-.0161 |
| .0031-.0039-.0047 .0031-.0039-.0047 .0022-.0028-.0033 .0022-.0028-.0033 .0031-.0039-.0047 .0031-.0039-.0047 .0022-.0028-.0033 | .0036-.0045-.0054 .0036-.0045-.0054 .0025-.0031-.0038 .0025-.0031-.0038 .0036-.0045-.0054 .0036-.0045-.0054 .0025-.0031-.0038 | .0048-.0060-.0072 .0048-.0060-.0072 .0034-.0042-.0051 .0034-.0042-.0051 .0048-.0060-.0072 .0048-.0060-.0072 .0034-.0042-.0051 | .0063-.0079-.0094 .0063-.0079-.0094 .0044-.0055-.0066 .0044-.0055-.0066 .0063-.0079-.0094 .0063-.0079-.0094 .0044-.0055-.0066 | .0079-.0098-.0118 .0079-.0098-.0118 .0054-.0067-.0080 .0054-.0067-.0080 .0079-.0098-.0118 .0079-.0098-.0118 .0054-.0067-.0080 | .0088-.0110-.0132 .0088-.0110-.0132 .0063-.0079-.0094 .0063-.0079-.0094 .0088-.0110-.0132 .0088-.0110-.0132 .0063-.0079-.0094 | .0101-.0126-.0151 .0101-.0126-.0151 .0072-.0091-.0109 .0072-.0091-.0109 .0101-.0126-.0151 .0101-.0126-.0151 .0072-.0091-.0109 | .0107-.0134-.0161 .0107-.0134-.0161 .0076-.0094-.0113 .0076-.0094-.0113 .0107-.0134-.0161 .0107-.0134-.0161 .0076-.0094-.0113 |
| .0031-.0039-.0047 | .0036-.0045-.0054 | .0048-.0060-.0072 | .0063-.0079-.0094 | .0079-.0098-.0118 | .0088-.0110-.0132 | .0101-.0126-.0151 | .0107-.0134-.0161 |
| .0041-.0051-.0061 .0041-.0051-.0061 .0031-.0039-.0047 | .0047-.0059-.0071 .0047-.0059-.0071 .0036-.0045-.0054 | .0063-.0079-.0094 .0063-.0079-.0094 .0048-.0060-.0072 | .0082-.0102-.0123 .0082-.0102-.0123 .0063-.0079-.0094 | .0104-.0130-.0156 .0104-.0130-.0156 .0079-.0098-.0118 | .0120-.0150-.0180 .0120-.0150-.0180 .0088-.0110-.0132 | .0135-.0169-.0203 .0135-.0169-.0203 .0101-.0126-.0151 | .0142-.0177-.0213 .0142-.0177-.0213 .0107-.0134-.0161 |
| .0031-.0039-.0047 .0031-.0039-.0047 .0031-.0039-.0047 .0031-.0039-.0047 .0031-.0039-.0047 | .0036-.0045-.0054 .0036-.0045-.0054 .0036-.0045-.0054 .0036-.0045-.0054 .0036-.0045-.0054 | .0048-.0060-.0072 .0048-.0060-.0072 .0048-.0060-.0072 .0048-.0060-.0072 .0048-.0060-.0072 | .0063-.0079-.0094 .0063-.0079-.0094 .0063-.0079-.0094 .0063-.0079-.0094 .0063-.0079-.0094 | .0079-.0098-.0118 .0079-.0098-.0118 .0079-.0098-.0118 .0079-.0098-.0118 .0079-.0098-.0118 | .0088-.0110-.0132 .0088-.0110-.0132 .0088-.0110-.0132 .0088-.0110-.0132 .0088-.0110-.0132 | .0101-.0126-.0151 .0101-.0126-.0151 .0101-.0126-.0151 .0101-.0126-.0151 .0101-.0126-.0151 | .0107-.0134-.0161 .0107-.0134-.0161 .0107-.0134-.0161 .0107-.0134-.0161 .0107-.0134-.0161 |
| .0041-.0051-.0061 .0041-.0051-.0061 .0041-.0051-.0061 .0031-.0039-.0047 .0031-.0039-.0047 | .0047-.0059-.0071 .0047-.0059-.0071 .0047-.0059-.0071 .0036-.0045-.0054 .0036-.0045-.0054 | .0063-.0079-.0094 .0063-.0079-.0094 .0063-.0079-.0094 .0048-.0060-.0072 .0048-.0060-.0072 | .0082-.0102-.0123 .0082-.0102-.0123 .0082-.0102-.0123 .0063-.0079-.0094 .0063-.0079-.0094 | .0104-.0130-.0156 .0104-.0130-.0156 .0104-.0130-.0156 .0079-.0098-.0118 .0079-.0098-.0118 | .0120-.0150-.0180 .0120-.0150-.0180 .0120-.0150-.0180 .0088-.0110-.0132 .0088-.0110-.0132 | .0135-.0169-.0203 .0135-.0169-.0203 .0135-.0169-.0203 .0101-.0126-.0151 .0101-.0126-.0151 | .0142-.0177-.0213 .0142-.0177-.0213 .0142-.0177-.0213 .0107-.0134-.0161 .0107-.0134-.0161 |
| .0041-.0051-.0061 .0041-.0051-.0061 | .0047-.0059-.0071 .0047-.0059-.0071 | .0063-.0079-.0094 .0063-.0079-.0094 | .0082-.0102-.0123 .0082-.0102-.0123 | .0104-.0130-.0156 .0104-.0130-.0156 | .0120-.0150-.0180 .0120-.0150-.0180 | .0135-.0169-.0203 .0135-.0169-.0203 | .0142-.0177-.0213 .0142-.0177-.0213 |
| .0031-.0039-.0047 .0022-.0028-.0033 .0022-.0028-.0033 | .0036-.0045-.0054 .0025-.0031-.0038 .0025-.0031-.0038 | .0048-.0060-.0072 .0034-.0042-.0051 .0034-.0042-.0051 | .0063-.0079-.0094 .0044-.0055-.0066 .0044-.0055-.0066 | .0079-.0098-.0118 .0054-.0067-.0080 .0054-.0067-.0080 | .0088-.0110-.0132 .0063-.0079-.0094 .0063-.0079-.0094 | .0101-.0126-.0151 .0072-.0091-.0109 .0072-.0091-.0109 | .0107-.0134-.0161 .0076-.0094-.0113 .0076-.0094-.0113 |
| .0022-.0028-.0033 .0022-.0028-.0033 | .0025-.0031-.0038 .0025-.0031-.0038 | .0034-.0042-.0051 .0034-.0042-.0051 | .0044-.0055-.0066 .0044-.0055-.0066 | .0054-.0067-.0080 .0054-.0067-.0080 | .0063-.0079-.0094 .0063-.0079-.0094 | .0072-.0091-.0109 .0072-.0091-.0109 | .0076-.0094-.0113 .0076-.0094-.0113 |

CoroTap™

CoroTap™ 200

Wartości metryczne

B

C

D

E

| | | | | Gatunek B110/C110 | | | T200-XM Gatunek B145/C145 | | | Gatunek B150/C150 | | |
|-----------|-------------|--|-----|----------------------|----|----|---------------------------------|----|----|----------------------|----|----|
| | | | | ULDR | | | ULDR | | | ULDR | | |
| ULDR(xTD) | | | | 1.5 | 2 | 3 | 1.5 | 2 | 3 | 1.5 | 2 | 3 |
| ISO | Kod MC | Materiał | HB | v _c m/min | | | v _c m/min | | | v _c m/min | | |
| P | P1.1.Z.AN | Stal węglowa | 125 | 43 | 35 | 30 | 31 | 25 | 21 | 31 | 25 | 21 |
| | P1.1.Z.HT | | 190 | 41 | 34 | 29 | 27 | 22 | 19 | 27 | 22 | 19 |
| | P1.2.Z.AN | | 190 | 39 | 32 | 27 | 22 | 18 | 15 | 22 | 18 | 15 |
| | P1.2.Z.HT | | 210 | 31 | 26 | 22 | 20 | 16 | 14 | 20 | 16 | 14 |
| | P1.3.Z.AN | | 190 | 39 | 32 | 27 | 22 | 18 | 15 | 22 | 18 | 15 |
| | P1.3.Z.HT | | 300 | 21 | 17 | 15 | 12 | 10 | 9 | 12 | 10 | 9 |
| | P2.1.Z.AN | Stal niskostopowa | 175 | 39 | 32 | 27 | 22 | 18 | 15 | 22 | 18 | 15 |
| | P2.2.Z.AN | | 240 | 31 | 26 | 22 | 20 | 16 | 14 | 20 | 16 | 14 |
| | P2.3.Z.AN | | 260 | 21 | 17 | 15 | 12 | 10 | 9 | 12 | 10 | 9 |
| | P2.5.Z.HT.1 | | 285 | 21 | 17 | 15 | 12 | 10 | 9 | 12 | 10 | 9 |
| | P3.0.Z.AN | Stal wysokostopowa | 200 | 31 | 26 | 22 | 20 | 16 | 14 | 20 | 16 | 14 |
| | P3.0.Z.HT.1 | | 380 | 10 | 8 | 7 | 6 | 5 | 4 | 6 | 5 | 4 |
| | P3.1.Z.AN | | 250 | 31 | 26 | 22 | 20 | 16 | 14 | 20 | 16 | 14 |
| | P1.5.C.UT | Odlewy stalowe | 150 | 39 | 32 | 27 | 22 | 18 | 15 | 22 | 18 | 15 |
| | P2.6.C.UT | | 200 | 31 | 26 | 22 | 20 | 16 | 14 | 20 | 16 | 14 |
| | P5.0.Z.HT.1 | Ferryticzna/ martenzytyczna stal nierdzewna | 330 | 32 | 26 | 22 | 20 | 16 | 14 | 20 | 16 | 14 |
| | P5.0.Z.PH | | 330 | 12 | 10 | 9 | 5 | 4 | 3 | | | |
| M | M1.0.Z.AQ | Stal nierdzewna austenityczna | 200 | 10 | 8 | 7 | 7 | 6 | 5 | - | - | - |
| | M1.0.C.UT | | 230 | 10 | 8 | 7 | 7 | 6 | 5 | - | - | - |
| | M2.0.Z.AQ | Superaustenityczna stal nierdzewna | 200 | 10 | 8 | 7 | 7 | 6 | 5 | - | - | - |
| | M2.0.C.AQ | | 260 | 10 | 8 | 7 | 7 | 6 | 5 | - | - | - |
| | M3.1.Z.AQ | Stal nierdzewna duplex (ferryticzno-austenityczna) | 200 | 6 | 5 | 4 | 5 | 4 | 3 | - | - | - |
| | M3.2.Z.AQ | | 200 | 6 | 5 | 4 | 5 | 4 | 3 | - | - | - |
| K | M3.1.C.AQ | | 230 | 6 | 5 | 4 | 5 | 4 | 3 | - | - | - |
| | K1.1.C.NS | Żeliwo ciągliwe | 200 | 24 | 20 | 17 | 18 | 15 | 13 | 18 | 15 | 13 |
| | K2.1.C.UT | Żeliwo szare | 180 | 23 | 19 | 16 | 18 | 15 | 13 | 18 | 15 | 13 |
| | K2.2.C.UT | | 245 | 16 | 13 | 11 | 10 | 8 | 7 | 10 | 8 | 7 |
| | K2.3.C.UT | | 175 | 24 | 20 | 17 | 18 | 15 | 13 | 18 | 15 | 13 |
| | K3.1.C.UT | Żeliwo sferoidalne | 155 | 24 | 20 | 17 | 18 | 15 | 13 | 18 | 15 | 13 |
| | K3.2.C.UT | | 215 | 24 | 20 | 17 | 18 | 15 | 13 | 18 | 15 | 13 |
| | K3.3.C.UT | | 265 | 24 | 20 | 17 | 18 | 15 | 13 | 18 | 15 | 13 |
| | K3.5.C.UT | | 190 | 24 | 20 | 17 | 18 | 15 | 13 | 18 | 15 | 13 |
| | K5.1.C.NS | Żeliwo sferoidalne hartowane izotermicznie (ADI) | 300 | 16 | 13 | 11 | 10 | 8 | 7 | 10 | 8 | 7 |
| N | N1.2.Z.UT | Stopy aluminium | 60 | 49 | 40 | 34 | - | - | - | 43 | 35 | 30 |
| | N1.2.Z.AG | | 100 | 49 | 40 | 34 | - | - | - | 43 | 35 | 30 |
| | N1.3.C.UT | | 75 | 49 | 40 | 34 | - | - | - | 43 | 35 | 30 |
| | N1.3.C.AG | | 90 | 31 | 25 | 21 | - | - | - | 24 | 20 | 17 |
| | N1.4.C.NS | | 130 | 21 | 18 | 15 | - | - | - | 18 | 15 | 13 |
| | N3.3.U.UT | Stopy miedzi | 110 | 46 | 38 | 32 | - | - | - | 37 | 30 | 26 |
| S | N3.1.U.UT | | 100 | 18 | 15 | 13 | - | - | - | 15 | 12 | 10 |
| | S1.0.U.AN | Superstopy na bazie żelaza | 200 | 9 | 8 | 6 | - | - | - | 6 | 5 | 4 |
| | S2.0.Z.UT | Superstopy na bazie niklu | 275 | 9 | 8 | 6 | - | - | - | 6 | 5 | 4 |
| | S2.0.Z.AN | | 250 | 9 | 8 | 6 | - | - | - | 6 | 5 | 4 |
| | S2.1.Z.AN | | 125 | 23 | 19 | 16 | - | - | - | 15 | 12 | 10 |
| | S4.1.Z.UT | Stopy tytanu | 200 | 21 | 18 | 15 | - | - | - | 18 | 15 | 13 |

CoroTap™

CoroTap™ 200

Wartości calowe

| | | | | T200-XM | | | | | | | | |
|-------------|--|--|-----|--------------------------|-----|-----|--------------------------|----|----|--------------------------|-----|----|
| | | | | Gatunek B110/C110 | | | Gatunek B145/C145 | | | Gatunek B150/C150 | | |
| | | | | ULDR | | | ULDR | | | ULDR | | |
| | | | | ULDR(xTD) | | | 1.5 | 2 | 3 | 1.5 | 2 | 3 |
| ISO | Kod MC | Materiał | HB | v _c stopa/min | | | v _c stopa/min | | | v _c stopa/min | | |
| P | | Stal węglowa | | | | | | | | | | |
| | P1.1.Z.AN | | 125 | 140 | 115 | 98 | 100 | 82 | 70 | 100 | 82 | 70 |
| | P1.1.Z.HT | | 190 | 134 | 110 | 94 | 88 | 72 | 62 | 88 | 72 | 62 |
| | P1.2.Z.AN | | 190 | 126 | 103 | 88 | 72 | 59 | 51 | 72 | 59 | 51 |
| | P1.2.Z.HT | | 210 | 102 | 84 | 72 | 64 | 52 | 45 | 64 | 52 | 45 |
| | P1.3.Z.AN | | 190 | 126 | 103 | 88 | 72 | 59 | 51 | 72 | 59 | 51 |
| | P1.3.Z.HT | | 300 | 70 | 57 | 49 | 40 | 33 | 28 | 40 | 33 | 28 |
| | P2.1.Z.AN | | 175 | 126 | 103 | 88 | 72 | 59 | 51 | 72 | 59 | 51 |
| | P2.2.Z.AN | | 240 | 102 | 84 | 72 | 64 | 52 | 45 | 64 | 52 | 45 |
| | P2.3.Z.AN | | 260 | 70 | 57 | 49 | 40 | 33 | 28 | 40 | 33 | 28 |
| | P2.5.Z.HT.1 | | 285 | 70 | 57 | 49 | 40 | 33 | 28 | 40 | 33 | 28 |
| | P3.0.Z.AN | | 200 | 102 | 84 | 72 | 64 | 52 | 45 | 64 | 52 | 45 |
| | P3.0.Z.HT.1 | | 380 | 32 | 26 | 22 | 20 | 16 | 14 | 20 | 16 | 14 |
| | P3.1.Z.AN | | 250 | 102 | 84 | 72 | 64 | 52 | 45 | 64 | 52 | 45 |
| P1.5.C.UT | | 150 | 126 | 103 | 88 | 72 | 59 | 51 | 72 | 59 | 51 | |
| P2.6.C.UT | | 200 | 102 | 84 | 72 | 64 | 52 | 45 | 64 | 52 | 45 | |
| P5.0.Z.HT.1 | | 330 | 104 | 85 | 73 | 64 | 52 | 45 | 64 | 52 | 45 | |
| P5.0.Z.PH | | 330 | 40 | 33 | 28 | 16 | 13 | 11 | - | - | - | |
| M | M1.0.Z.AQ | Stal nierdzewna austenityczna | 200 | 32 | 26 | 22 | 24 | 20 | 17 | - | - | - |
| | M1.0.C.UT | | 230 | 32 | 26 | 22 | 24 | 20 | 17 | - | - | - |
| | M2.0.Z.AQ | Superaustenityczna stal nierdzewna | 200 | 32 | 26 | 22 | 24 | 20 | 17 | - | - | - |
| | M2.0.C.AQ | | 260 | 32 | 26 | 22 | 24 | 20 | 17 | - | - | - |
| | M3.1.Z.AQ | Stal nierdzewna duplex (ferrytyczno-austenityczna) | 200 | 20 | 16 | 14 | 16 | 13 | 11 | - | - | - |
| | M3.2.Z.AQ | | 200 | 20 | 16 | 14 | 16 | 13 | 11 | - | - | - |
| M3.1.C.AQ | | 230 | 20 | 16 | 14 | 16 | 13 | 11 | - | - | - | |
| K | K1.1.C.NS | Żeliwo ciągliwe | 200 | 80 | 66 | 56 | 60 | 49 | 42 | 60 | 49 | 42 |
| | K2.1.C.UT | Żeliwo szare | 180 | 74 | 61 | 52 | 60 | 49 | 42 | 60 | 49 | 42 |
| | K2.2.C.UT | | 245 | 52 | 43 | 36 | 32 | 26 | 22 | 32 | 26 | 22 |
| | K2.3.C.UT | | 175 | 80 | 66 | 56 | 60 | 49 | 42 | 60 | 49 | 42 |
| | K3.1.C.UT | Żeliwo sferoidalne | 155 | 80 | 66 | 56 | 60 | 49 | 42 | 60 | 49 | 42 |
| | K3.2.C.UT | | 215 | 80 | 66 | 56 | 60 | 49 | 42 | 60 | 49 | 42 |
| | K3.3.C.UT | | 265 | 80 | 66 | 56 | 60 | 49 | 42 | 60 | 49 | 42 |
| | K3.5.C.UT | | 190 | 80 | 66 | 56 | 60 | 49 | 42 | 60 | 49 | 42 |
| K5.1.C.NS | Żeliwo sferoidalne hartowane izotermicznie (ADI) | 300 | 52 | 43 | 36 | 32 | 26 | 22 | 32 | 26 | 22 | |
| N | N1.2.Z.UT | Stopy aluminium | 60 | 161 | 131 | 112 | - | - | - | 140 | 115 | 98 |
| | N1.2.Z.AG | | 100 | 161 | 131 | 112 | - | - | - | 140 | 115 | 98 |
| | N1.3.C.UT | | 75 | 161 | 131 | 112 | - | - | - | 140 | 115 | 98 |
| | N1.3.C.AG | | 90 | 100 | 82 | 70 | - | - | - | 80 | 66 | 56 |
| | N1.4.C.NS | | 130 | 70 | 57 | 49 | - | - | - | 60 | 49 | 42 |
| | N3.3.U.UT | Stopy miedzi | 110 | 150 | 123 | 105 | - | - | - | 120 | 98 | 84 |
| N3.1.U.UT | | 100 | 60 | 49 | 42 | - | - | - | 48 | 39 | 34 | |
| S | S1.0.U.AN | Superstopy na bazie żelaza | 200 | 30 | 25 | 21 | - | - | - | 20 | 16 | 14 |
| | S2.0.Z.UT | Superstopy na bazie niklu | 275 | 30 | 25 | 21 | - | - | - | 20 | 16 | 14 |
| | S2.0.Z.AN | | 250 | 30 | 25 | 21 | - | - | - | 20 | 16 | 14 |
| | S2.1.Z.AN | | 125 | 74 | 61 | 52 | - | - | - | 48 | 39 | 34 |
| | S4.1.Z.UT | Stopy tytanu | 200 | 70 | 57 | 49 | - | - | - | 60 | 49 | 42 |

B

C

D

E

CoroTap™

CoroTap™ 300

Wartości metryczne

B

C

D

E

| | | | | Gatunek B110/C110 | | | T300-XM Gatunek B145/C145 | | | Gatunek B150/C150 | | |
|-----------|---|--|-----|----------------------|----|----|---------------------------------|----|----|----------------------|----|----|
| | | | | ULDR | | | ULDR | | | ULDR | | |
| ULDR(xTD) | | | | 1.5 | 2 | 3 | 1.5 | 2 | 3 | 1.5 | 2 | 3 |
| ISO | Kod MC | Materiał | HB | v _c m/min | | | v _c m/min | | | v _c m/min | | |
| P | Stal węglowa | | | | | | | | | | | |
| | P1.1.Z.AN | | 125 | 43 | 35 | 30 | 31 | 25 | 21 | 31 | 25 | 21 |
| | P1.1.Z.HT | | 190 | 41 | 34 | 29 | 27 | 22 | 19 | 27 | 22 | 19 |
| | P1.2.Z.AN | | 190 | 39 | 32 | 27 | 22 | 18 | 15 | 22 | 18 | 15 |
| | P1.2.Z.HT | | 210 | 31 | 26 | 22 | 20 | 16 | 14 | 20 | 16 | 14 |
| | P1.3.Z.AN | | 190 | 39 | 32 | 27 | 22 | 18 | 15 | 22 | 18 | 15 |
| | P1.3.Z.HT | | 300 | 21 | 17 | 15 | 12 | 10 | 9 | 12 | 10 | 9 |
| | Stal niskostopowa | | | | | | | | | | | |
| | P2.1.Z.AN | | 175 | 39 | 32 | 27 | 22 | 18 | 15 | 22 | 18 | 15 |
| | P2.2.Z.AN | | 240 | 31 | 26 | 22 | 20 | 16 | 14 | 20 | 16 | 14 |
| | P2.3.Z.AN | | 260 | 21 | 17 | 15 | 12 | 10 | 9 | 12 | 10 | 9 |
| | P2.5.Z.HT.1 | | 285 | 21 | 17 | 15 | 12 | 10 | 9 | 12 | 10 | 9 |
| | Stal wysokostopowa | | | | | | | | | | | |
| | P3.0.Z.AN | | 200 | 31 | 26 | 22 | 20 | 16 | 14 | 20 | 16 | 14 |
| | P3.0.Z.HT.1 | | 380 | 6 | 5 | 4 | 6 | 5 | 4 | 20 | 16 | 14 |
| | P3.1.Z.AN | | 250 | 31 | 26 | 22 | 20 | 16 | 14 | 20 | 16 | 14 |
| | Olewy stalowe | | | | | | | | | | | |
| | P1.5.C.UT | | 150 | 39 | 32 | 27 | 22 | 18 | 15 | 22 | 18 | 15 |
| | P2.6.C.UT | | 200 | 31 | 26 | 22 | 20 | 16 | 14 | 20 | 16 | 14 |
| | Fertryczna/ martenzytryczna stal nierdzewna | | | | | | | | | | | |
| | P5.0.Z.HT.1 | | 330 | 32 | 26 | 22 | 20 | 16 | 14 | 20 | 16 | 14 |
| | P5.0.Z.PH | | 330 | 12 | 10 | 9 | 5 | 4 | 3 | - | - | - |
| M | Stal nierdzewna austenityczna | | | | | | | | | | | |
| | M1.0.Z.AQ | | 200 | 10 | 8 | 7 | 7 | 6 | 5 | - | - | - |
| | M1.0.C.UT | | 230 | 10 | 8 | 7 | 7 | 6 | 5 | - | - | - |
| | Superaustenityczna stal nierdzewna | | | | | | | | | | | |
| | M2.0.Z.AQ | | 200 | 10 | 8 | 7 | 7 | 6 | 5 | - | - | - |
| | M2.0.C.AQ | | 260 | 10 | 8 | 7 | 7 | 6 | 5 | - | - | - |
| | Stal nierdzewna duplex (fertryczno-austenityczna) | | | | | | | | | | | |
| | M3.1.Z.AQ | | 200 | 6 | 5 | 4 | 5 | 4 | 3 | - | - | - |
| | M3.2.Z.AQ | | 200 | 6 | 5 | 4 | 5 | 4 | 3 | - | - | - |
| | M3.1.C.AQ | | 230 | 6 | 5 | 4 | 5 | 4 | 3 | - | - | - |
| K | Żeliwo ciągliwe | | | | | | | | | | | |
| | K1.1.C.NS | | 200 | 24 | 20 | 17 | 18 | 15 | 13 | - | - | - |
| | Żeliwo szare | | | | | | | | | | | |
| | K2.1.C.UT | | 180 | 23 | 19 | 16 | 18 | 15 | 13 | - | - | - |
| | K2.2.C.UT | | 245 | 16 | 13 | 11 | 10 | 8 | 7 | - | - | - |
| | K2.3.C.UT | | 175 | 24 | 20 | 17 | 18 | 15 | 13 | - | - | - |
| | Żeliwo sferoidalne | | | | | | | | | | | |
| | K3.1.C.UT | | 155 | 24 | 20 | 17 | 18 | 15 | 13 | - | - | - |
| | K3.2.C.UT | | 215 | 24 | 20 | 17 | 18 | 15 | 13 | - | - | - |
| | K3.3.C.UT | | 265 | 24 | 20 | 17 | 18 | 15 | 13 | - | - | - |
| | K3.5.C.UT | | 190 | 24 | 20 | 17 | 18 | 15 | 13 | - | - | - |
| | K5.1.C.NS | Żeliwo sferoidalne hartowane izotermicznie (ADI) | | 300 | 16 | 13 | 11 | 10 | 8 | 7 | - | - |
| N | Stopy aluminium | | | | | | | | | | | |
| | N1.2.Z.UT | | 60 | 49 | 40 | 34 | - | - | - | 43 | 35 | 30 |
| | N1.2.Z.AG | | 100 | 49 | 40 | 34 | - | - | - | 43 | 35 | 30 |
| | N1.3.C.UT | | 75 | 49 | 40 | 34 | - | - | - | 43 | 35 | 30 |
| | N1.3.C.AG | | 90 | 31 | 25 | 21 | - | - | - | 24 | 20 | 17 |
| | N1.4.C.NS | | 130 | 21 | 18 | 15 | - | - | - | 18 | 15 | 13 |
| | Stopy miedzi | | | | | | | | | | | |
| | N3.3.U.UT | | 110 | - | - | - | - | - | - | - | - | - |
| | N3.1.U.UT | | 100 | - | - | - | - | - | - | - | - | - |
| | Superstopy na bazie żelaza | | | | | | | | | | | |
| S | S1.0.U.AN | | 200 | 9 | 8 | 6 | - | - | - | 6 | 5 | 4 |
| | Superstopy na bazie niklu | | | | | | | | | | | |
| | S2.0.Z.UT | | 275 | 9 | 8 | 6 | - | - | - | 6 | 5 | 4 |
| | S2.0.Z.AN | | 250 | 9 | 8 | 6 | - | - | - | 6 | 5 | 4 |
| | S2.1.Z.AN | | 125 | 23 | 19 | 16 | - | - | - | 15 | 12 | 10 |
| | Stopy tytanu | | | | | | | | | | | |
| | S4.1.Z.UT | | 200 | 21 | 18 | 15 | - | - | - | 18 | 15 | 13 |

CoroTap™

CoroTap™ 300

Wartości calowe

| | | | | T300-XM | | | | | | | | |
|-------------|--|--|-----|--------------------------|-----|-----|--------------------------|----|----|--------------------------|-----|----|
| | | | | Gatunek B110/C110 | | | Gatunek B145/C145 | | | Gatunek B150/C150 | | |
| | | | | ULDR | | | ULDR | | | ULDR | | |
| | | | | 1.5 | 2 | 3 | 1.5 | 2 | 3 | 1.5 | 2 | 3 |
| ULDR(xTD) | | | | | | | | | | | | |
| ISO | Kod MC | Materiał | HB | v _c stopa/min | | | v _c stopa/min | | | v _c stopa/min | | |
| P | | Stal węglowa | | | | | | | | | | |
| | P1.1.Z.AN | | 125 | 140 | 115 | 98 | 100 | 82 | 70 | 100 | 82 | 70 |
| | P1.1.Z.HT | | 190 | 134 | 110 | 94 | 88 | 72 | 62 | 88 | 72 | 62 |
| | P1.2.Z.AN | | 190 | 126 | 103 | 88 | 72 | 59 | 51 | 72 | 59 | 51 |
| | P1.2.Z.HT | | 210 | 102 | 84 | 72 | 64 | 52 | 45 | 64 | 52 | 45 |
| | P1.3.Z.AN | | 190 | 126 | 103 | 88 | 72 | 59 | 51 | 72 | 59 | 51 |
| | P1.3.Z.HT | | 300 | 70 | 57 | 49 | 40 | 33 | 28 | 40 | 33 | 28 |
| | P2.1.Z.AN | Stal niskostopowa | 175 | 126 | 103 | 88 | 72 | 59 | 51 | 72 | 59 | 51 |
| | P2.2.Z.AN | | 240 | 102 | 84 | 72 | 64 | 52 | 45 | 64 | 52 | 45 |
| | P2.3.Z.AN | | 260 | 70 | 57 | 49 | 40 | 33 | 28 | 40 | 33 | 28 |
| | P2.5.Z.HT.1 | | 285 | 70 | 57 | 49 | 40 | 33 | 28 | 40 | 33 | 28 |
| | P3.0.Z.AN | Stal wysokostopowa | 200 | 102 | 84 | 72 | 64 | 52 | 45 | 64 | 52 | 45 |
| | P3.0.Z.HT.1 | | 380 | 20 | 16 | 14 | 20 | 16 | 14 | 20 | 16 | 14 |
| | P3.1.Z.AN | | 250 | 102 | 84 | 72 | 64 | 52 | 45 | 64 | 52 | 45 |
| | P1.5.C.UT | Odlewy stalowe | 150 | 126 | 103 | 88 | 72 | 59 | 51 | 72 | 59 | 51 |
| | P2.6.C.UT | | 200 | 102 | 84 | 72 | 64 | 52 | 45 | 64 | 52 | 45 |
| P5.0.Z.HT.1 | Ferrytyczna/ martenzytyczna stal nierdzewna | 330 | 104 | 85 | 73 | 64 | 52 | 45 | 64 | 52 | 45 | |
| P5.0.Z.PH | | 330 | 40 | 33 | 28 | 16 | 13 | 11 | - | - | - | |
| M | | Stal nierdzewna austenityczna | | | | | | | | | | |
| | M1.0.Z.AQ | | 200 | 32 | 26 | 22 | 24 | 20 | 17 | - | - | - |
| | M1.0.C.UT | | 230 | 32 | 26 | 22 | 24 | 20 | 17 | - | - | - |
| | M2.0.Z.AQ | Superaustenityczna stal nierdzewna | 200 | 32 | 26 | 22 | 24 | 20 | 17 | - | - | - |
| | M2.0.C.AQ | | 260 | 32 | 26 | 22 | 24 | 20 | 17 | - | - | - |
| | M3.1.Z.AQ | Stal nierdzewna duplex (ferrytyczno-austenityczna) | 200 | 20 | 16 | 14 | 16 | 13 | 11 | - | - | - |
| | M3.2.Z.AQ | | 200 | 20 | 16 | 14 | 16 | 13 | 11 | - | - | - |
| | M3.1.C.AQ | | 230 | 20 | 16 | 14 | 16 | 13 | 11 | - | - | - |
| K | | Żeliwo ciągliwe | | | | | | | | | | |
| | K1.1.C.NS | | 200 | 80 | 66 | 56 | 60 | 49 | 42 | - | - | - |
| | | Żeliwo szare | | | | | | | | | | |
| | K2.1.C.UT | | 180 | 74 | 61 | 52 | 60 | 49 | 42 | - | - | - |
| | K2.2.C.UT | | 245 | 52 | 43 | 36 | 32 | 26 | 22 | - | - | - |
| | K2.3.C.UT | | 175 | 80 | 66 | 56 | 60 | 49 | 42 | - | - | - |
| | K3.1.C.UT | Żeliwo sferoidalne | 155 | 80 | 66 | 56 | 60 | 49 | 42 | - | - | - |
| | K3.2.C.UT | | 215 | 80 | 66 | 56 | 60 | 49 | 42 | - | - | - |
| | K3.3.C.UT | | 265 | 80 | 66 | 56 | 60 | 49 | 42 | - | - | - |
| | K3.5.C.UT | | 190 | 80 | 66 | 56 | 60 | 49 | 42 | - | - | - |
| K5.1.C.NS | Żeliwo sferoidalne hartowane izotermicznie (ADI) | 300 | 52 | 43 | 36 | 32 | 26 | 22 | - | - | - | |
| N | | Stopy aluminium | | | | | | | | | | |
| | N1.2.Z.UT | | 60 | 161 | 131 | 112 | - | - | - | 140 | 115 | 98 |
| | N1.2.Z.AG | | 100 | 161 | 131 | 112 | - | - | - | 140 | 115 | 98 |
| | N1.3.C.UT | | 75 | 161 | 131 | 112 | - | - | - | 140 | 115 | 98 |
| | N1.3.C.AG | | 90 | 100 | 82 | 70 | - | - | - | 80 | 66 | 56 |
| | N1.4.C.NS | | 130 | 70 | 57 | 49 | - | - | - | 60 | 49 | 42 |
| | N3.3.U.UT | Stopy miedzi | 110 | - | - | - | - | - | - | - | - | - |
| N3.1.U.UT | | 100 | - | - | - | - | - | - | - | - | - | |
| S | | Superstopy na bazie żelaza | | | | | | | | | | |
| | S1.0.U.AN | | 200 | 30 | 25 | 21 | - | - | - | 20 | 16 | 14 |
| | | Superstopy na bazie niklu | | | | | | | | | | |
| | S2.0.Z.UT | | 275 | 30 | 25 | 21 | - | - | - | 20 | 16 | 14 |
| | S2.0.Z.AN | | 250 | 30 | 25 | 21 | - | - | - | 20 | 16 | 14 |
| | S2.1.Z.AN | | 125 | 74 | 61 | 52 | - | - | - | 48 | 39 | 34 |
| S4.1.Z.UT | Stopy tytanu | 200 | 70 | 57 | 49 | - | - | - | 60 | 49 | 42 | |

B

C

D

E

Parametry skrawania dla rozwiertaka CoroReamer™ 435

Wartości metryczne

Pol

| CoroReamer™ 435 -XF | | | | | Średnice [mm] | | | | | |
|---------------------|-----------|--|-------|---------------|---------------|-------------|-------------|--------------|---------------|---------------|
| ISO | Kod MC | Materiał | N/mm² | Parametr | < 5.00 | 5.00 - 6.20 | 6.20 - 8.00 | 8.00 - 12.00 | 12.00 - 16.00 | 16.00 - 20.00 |
| P | P1.1.Z.AN | Stal węglowa C=0.10-0.25% | 428 | v_c m/min | 30 | | | | | |
| | | | | f_n mm/obr. | 0.15 | 0.18 | 0.20 | 0.20 | 0.30 | 0.30 |
| | | | | Naddatek | 0.10 | 0.10 | 0.20 | 0.20 | 0.20 | 0.30 |
| | P1.1.Z.AN | Stal hartowana i odpuszczana | 639 | v_c m/min | 30 | | | | | |
| | | | | f_n mm/obr. | 0.15 | 0.18 | 0.20 | 0.20 | 0.30 | 0.30 |
| | | | | Naddatek | 0.10 | 0.10 | 0.20 | 0.20 | 0.20 | 0.30 |
| | P1.2.Z.AN | C=0.25-0.55% | 639 | v_c m/min | 30 | | | | | |
| | | | | f_n mm/obr. | 0.15 | 0.18 | 0.20 | 0.20 | 0.30 | 0.30 |
| | | | | Naddatek | 0.10 | 0.10 | 0.20 | 0.20 | 0.20 | 0.30 |
| | P1.2.Z.HT | | 708 | v_c m/min | 30 | | | | | |
| | | | | f_n mm/obr. | 0.15 | 0.18 | 0.20 | 0.20 | 0.30 | 0.30 |
| | | | | Naddatek | 0.10 | 0.10 | 0.20 | 0.20 | 0.20 | 0.30 |
| | P1.3.Z.AN | C=0.55-0.80% | 639 | v_c m/min | 30 | | | | | |
| | | | | f_n mm/obr. | 0.15 | 0.18 | 0.20 | 0.20 | 0.30 | 0.30 |
| | | | | Naddatek | 0.10 | 0.10 | 0.20 | 0.20 | 0.20 | 0.30 |
| | P1.3.Z.HT | | 991 | v_c m/min | 20 | | | | | |
| | | | | f_n mm/obr. | 0.15 | 0.18 | 0.20 | 0.20 | 0.30 | 0.30 |
| | | | | Naddatek | 0.10 | 0.10 | 0.20 | 0.20 | 0.20 | 0.30 |
| | P2.1.Z.AN | Stal niskostopowa Niehartowana | 591 | v_c m/min | 30 | | | | | |
| | | | | f_n mm/obr. | 0.15 | 0.18 | 0.20 | 0.20 | 0.30 | 0.30 |
| | | | | Naddatek | 0.10 | 0.10 | 0.20 | 0.20 | 0.20 | 0.30 |
| | P2.2.Z.AN | Wyżarzana | 811 | v_c m/min | 20 | | | | | |
| | | | | f_n mm/obr. | 0.15 | 0.18 | 0.20 | 0.20 | 0.30 | 0.30 |
| | | | | Naddatek | 0.10 | 0.10 | 0.20 | 0.20 | 0.20 | 0.30 |
| | P2.3.Z.AN | | 867 | v_c m/min | 20 | | | | | |
| | | | | f_n mm/obr. | 0.15 | 0.18 | 0.20 | 0.20 | 0.30 | 0.30 |
| | | | | Naddatek | 0.10 | 0.10 | 0.20 | 0.20 | 0.20 | 0.30 |
| | P2.5.Z.HT | Stal hartowana i odpuszczana | 961 | v_c m/min | 15 | | | | | |
| | | | | f_n mm/obr. | 0.15 | 0.18 | 0.20 | 0.20 | 0.30 | 0.30 |
| | | | | Naddatek | 0.10 | 0.10 | 0.20 | 0.20 | 0.20 | 0.30 |
| | P1.5.C.UT | Olewy stalowe Niestopowe | 503 | v_c m/min | 30 | | | | | |
| | | | | f_n mm/obr. | 0.15 | 0.18 | 0.20 | 0.20 | 0.30 | 0.30 |
| | | | | Naddatek | 0.10 | 0.10 | 0.20 | 0.20 | 0.20 | 0.30 |
| | P2.6.C.UT | Niskostopowe (zawartość dodatków stopowych ≤ 5%) | 674 | v_c m/min | 20 | | | | | |
| | | | | f_n mm/obr. | 0.15 | 0.18 | 0.20 | 0.20 | 0.30 | 0.30 |
| | | | | Naddatek | 0.10 | 0.10 | 0.20 | 0.20 | 0.20 | 0.30 |
| C | P3.0.Z.AN | Stal wysokostopowa Wyżarzana | 674 | v_c m/min | 20 | | | | | |
| | | | | f_n mm/obr. | 0.15 | 0.18 | 0.20 | 0.20 | 0.30 | 0.30 |
| | | | | Naddatek | 0.10 | 0.10 | 0.20 | 0.20 | 0.20 | 0.30 |
| | P3.0.Z.HT | | 1282 | v_c m/min | 15 | | | | | |
| | | | | f_n mm/obr. | 0.15 | 0.18 | 0.20 | 0.20 | 0.30 | 0.30 |
| | | | | Naddatek | 0.10 | 0.10 | 0.20 | 0.20 | 0.20 | 0.30 |
| | P3.1.Z.AN | Wyżarzana stal szybkotnąca | 839 | v_c m/min | 20 | | | | | |
| | | | | f_n mm/obr. | 0.15 | 0.18 | 0.20 | 0.20 | 0.30 | 0.30 |
| | | | | Naddatek | 0.10 | 0.10 | 0.20 | 0.20 | 0.20 | 0.30 |
| | P5.0.Z.HT | | 1114 | v_c m/min | 15 | | | | | |
| | | | | f_n mm/obr. | 0.15 | 0.18 | 0.20 | 0.20 | 0.30 | 0.30 |
| | | | | Naddatek | 0.10 | 0.10 | 0.20 | 0.20 | 0.20 | 0.30 |
| D | P5.0.Z.PH | | 503 | v_c m/min | 30 | | | | | |
| | | | | f_n mm/obr. | 0.15 | 0.18 | 0.20 | 0.20 | 0.30 | 0.30 |
| | | | | Naddatek | 0.10 | 0.10 | 0.20 | 0.20 | 0.20 | 0.30 |

D

E

Parametry skrawania dla rozwiertaka CoroReamer™ 435

Wartości calowe

| CoroReamer™ 435 -XF | | | | | Średnice [cale] | | | | | | |
|---------------------|-----------|--|-------|-----------------|-----------------|-------------|-------------|-------------|-------------|-------------|--|
| ISO | Kod MC | Materiał | N/mm² | Parametr | < .197 | .197 - .244 | .244 - .315 | .315 - .472 | .472 - .630 | .630 - .787 | |
| P | P1.1.Z.AN | Stal węglowa C=0.10-0.25% | 428 | v_c stopa/min | | | 98 | | | | |
| | | | | f_n cale/obr. | .006 | .007 | .008 | .008 | .012 | .012 | |
| | | | | Naddatek | .004 | .004 | .008 | .008 | .008 | .012 | |
| | | Stal hartowana i odpuszczana | 639 | v_c stopa/min | | | 98 | | | | |
| | | | | f_n cale/obr. | .006 | .007 | .008 | .008 | .012 | .012 | |
| | | | | Naddatek | .004 | .004 | .008 | .008 | .008 | .012 | |
| | P1.2.Z.AN | C=0.25-0.55% | 639 | v_c stopa/min | | | 98 | | | | |
| | | | | f_n cale/obr. | .006 | .007 | .008 | .008 | .012 | .012 | |
| | P1.2.Z.HT | | 708 | f_n cale/obr. | .006 | .007 | .008 | .008 | .012 | .012 | |
| | | | | Naddatek | .004 | .004 | .008 | .008 | .008 | .012 | |
| | P1.3.Z.AN | C=0.55-0.80% | 639 | v_c stopa/min | | | 98 | | | | |
| | | | | f_n cale/obr. | .006 | .007 | .008 | .008 | .012 | .012 | |
| | | | | Naddatek | .004 | .004 | .008 | .008 | .008 | .012 | |
| | P1.3.Z.HT | | 991 | v_c stopa/min | | | 66 | | | | |
| | | | | f_n cale/obr. | .006 | .007 | .008 | .008 | .012 | .012 | |
| | | | | Naddatek | .004 | .004 | .008 | .008 | .008 | .012 | |
| | P2.1.Z.AN | Stal niskostopowa Niehartowana | 591 | v_c stopa/min | | | 98 | | | | |
| | | | | f_n cale/obr. | .006 | .007 | .008 | .008 | .012 | .012 | |
| | | | | Naddatek | .004 | .004 | .008 | .008 | .008 | .012 | |
| | | Wyżarzana | 811 | v_c stopa/min | | | 66 | | | | |
| | | | | f_n cale/obr. | .006 | .007 | .008 | .008 | .012 | .012 | |
| | | | | Naddatek | .004 | .004 | .008 | .008 | .008 | .012 | |
| | P2.3.Z.AN | | 867 | v_c stopa/min | | | 66 | | | | |
| | | | | f_n cale/obr. | .006 | .007 | .008 | .008 | .012 | .012 | |
| | P2.5.Z.HT | Stal hartowana i odpuszczana | 961 | v_c stopa/min | | | 49 | | | | |
| | | | | f_n cale/obr. | .006 | .007 | .008 | .008 | .012 | .012 | |
| | | | | Naddatek | .004 | .004 | .008 | .008 | .008 | .012 | |
| | P1.5.C.UT | Odlęwy staliwne Niestopowe | 503 | v_c stopa/min | | | 98 | | | | |
| | | | | f_n cale/obr. | .006 | .007 | .008 | .008 | .012 | .012 | |
| | P2.6.C.UT | Niskostopowe (zawartość dodatków stopowych ≤ 5%) | 674 | v_c stopa/min | | | 66 | | | | |
| | | | | f_n cale/obr. | .006 | .007 | .008 | .008 | .012 | .012 | |
| | P3.0.Z.AN | Stal wysokostopowa Wyżarzana | 674 | v_c stopa/min | | | 66 | | | | |
| | | | | f_n cale/obr. | .006 | .007 | .008 | .008 | .012 | .012 | |
| | | | | Naddatek | .004 | .004 | .008 | .008 | .008 | .012 | |
| | | | | v_c stopa/min | | | 49 | | | | |
| | | | | f_n cale/obr. | .006 | .007 | .008 | .008 | .012 | .012 | |
| | | | | Naddatek | .004 | .004 | .008 | .008 | .008 | .012 | |
| | | | | v_c stopa/min | | | 66 | | | | |
| | | | | f_n cale/obr. | .006 | .007 | .008 | .008 | .012 | .012 | |
| | | | | Naddatek | .004 | .004 | .008 | .008 | .008 | .012 | |
| | | | | v_c stopa/min | | | 49 | | | | |
| | | | | f_n cale/obr. | .006 | .007 | .008 | .008 | .012 | .012 | |
| | | | | Naddatek | .004 | .004 | .008 | .008 | .008 | .012 | |
| | P5.0.Z.HT | | 1114 | v_c stopa/min | | | 98 | | | | |
| | | | | f_n cale/obr. | .006 | .007 | .008 | .008 | .012 | .012 | |
| | P5.0.Z.PH | | 503 | v_c stopa/min | | | 98 | | | | |
| | | | | f_n cale/obr. | .006 | .007 | .008 | .008 | .012 | .012 | |
| | | | | Naddatek | .004 | .004 | .008 | .008 | .008 | .012 | |

B

C

D

E

Parametry skrawania dla rozwiertaka CoroReamer™ 435

Wartości metryczne

Pol

| CoroReamer™ 435 -XF | | | | | Średnice [mm] | | | | | |
|---------------------|-----------|--|-------|---------------|---------------|-------------|-------------|--------------|---------------|---------------|
| ISO | Kod MC | Materiał | N/mm² | Parametr | < 5.00 | 5.00 - 6.20 | 6.20 - 8.00 | 8.00 - 12.00 | 12.00 - 16.00 | 16.00 - 20.00 |
| K | K1.1.C.NS | Żeliwo ciągliwe | 428 | v_c m/min | 30 | | | | | |
| | | Ferrytyczne, Perlityczne | | f_n mm/obr. | 0.15 | 0.18 | 0.20 | 0.20 | 0.25 | 0.30 |
| | | | | Naddatek | 0.10 | 0.10 | 0.20 | 0.20 | 0.20 | 0.30 |
| | K2.1.C.UT | Żeliwo szare | 639 | v_c m/min | 30 | | | | | |
| | | O niskiej wytrzymałości | | f_n mm/obr. | 0.15 | 0.18 | 0.20 | 0.20 | 0.25 | 0.30 |
| | | | | Naddatek | 0.10 | 0.10 | 0.20 | 0.20 | 0.20 | 0.30 |
| | K2.2.C.UT | O wysokiej wytrzymałości | 639 | v_c m/min | 30 | | | | | |
| | | | | f_n mm/obr. | 0.15 | 0.18 | 0.20 | 0.20 | 0.25 | 0.30 |
| | | | | Naddatek | 0.10 | 0.10 | 0.20 | 0.20 | 0.20 | 0.30 |
| | K2.3.C.UT | | 708 | v_c m/min | 30 | | | | | |
| | | | | f_n mm/obr. | 0.15 | 0.18 | 0.20 | 0.20 | 0.25 | 0.30 |
| | | | | Naddatek | 0.10 | 0.10 | 0.20 | 0.20 | 0.20 | 0.30 |
| | K3.1.C.UT | Żeliwo sferoidalne | 639 | v_c m/min | 20 | | | | | |
| | | | | f_n mm/obr. | 0.15 | 0.18 | 0.20 | 0.20 | 0.25 | 0.30 |
| | | | | Naddatek | 0.10 | 0.10 | 0.20 | 0.20 | 0.20 | 0.30 |
| | | | | v_c m/min | 20 | | | | | |
| | | | | f_n mm/obr. | 0.15 | 0.18 | 0.20 | 0.20 | 0.25 | 0.30 |
| | K3.2.C.UT | Perlityczne | 991 | v_c m/min | 20 | | | | | |
| | | | | Naddatek | 0.10 | 0.10 | 0.20 | 0.20 | 0.20 | 0.30 |
| | K3.3.C.UT | Perlityczne | 503 | v_c m/min | 20 | | | | | |
| | | | | f_n mm/obr. | 0.15 | 0.18 | 0.20 | 0.20 | 0.25 | 0.30 |
| | K3.5.C.UT | | 591 | v_c m/min | 20 | | | | | |
| | | | | f_n mm/obr. | 0.15 | 0.18 | 0.20 | 0.20 | 0.25 | 0.30 |
| | | | | Naddatek | 0.10 | 0.10 | 0.20 | 0.20 | 0.20 | 0.30 |
| N | N1.2.Z.UT | Stopy aluminium | 400 | v_c m/min | 50 | | | | | |
| | | | | f_n mm/obr. | 0.15 | 0.18 | 0.20 | 0.20 | 0.25 | 0.30 |
| | N1.2.Z.AG | Kute lub kute i starzone | 650 | v_c m/min | 50 | | | | | |
| | | | | f_n mm/obr. | 0.15 | 0.18 | 0.20 | 0.20 | 0.25 | 0.30 |
| | N1.3.C.UT | Odlewy niestlarzone | 600 | v_c m/min | 50 | | | | | |
| | | | | f_n mm/obr. | 0.15 | 0.18 | 0.20 | 0.20 | 0.25 | 0.30 |
| | N1.3.C.AG | Odlewy lub odlewy starzone | 700 | v_c m/min | 50 | | | | | |
| | | | | f_n mm/obr. | 0.15 | 0.18 | 0.20 | 0.20 | 0.25 | 0.30 |
| | N1.4.C.NS | Stopy odlewnicze AlSi, Si ≥ 13% | 700 | v_c m/min | 30 | | | | | |
| | | | | f_n mm/obr. | 0.15 | 0.15 | 0.15 | 0.20 | 0.20 | 0.30 |
| | | Stopy miedzi | | v_c m/min | 50 | | | | | |
| | | | | f_n mm/obr. | 0.15 | 0.18 | 0.20 | 0.20 | 0.25 | 0.30 |
| | | | | Naddatek | 0.10 | 0.10 | 0.15 | 0.20 | 0.20 | 0.30 |
| | | | | v_c m/min | 50 | | | | | |
| | | | | f_n mm/obr. | 0.15 | 0.18 | 0.20 | 0.20 | 0.25 | 0.30 |
| | | Bezolowiowe stopy miedzi (w tym miedź elektrolityczna) | 1350 | f_n mm/obr. | 0.15 | 0.18 | 0.20 | 0.20 | 0.25 | 0.30 |
| | | | | Naddatek | 0.10 | 0.10 | 0.15 | 0.20 | 0.20 | 0.30 |
| O | | Tworzywa sztuczne | | v_c m/min | 40 | | | | | |
| | | | | f_n mm/obr. | 0.15 | 0.15 | 0.15 | 0.35 | 0.35 | 0.40 |
| | | | | Naddatek | 0.15 | 0.15 | 0.20 | 0.20 | 0.20 | 0.30 |

Parametry skrawania dla rozwiertaka CoroReamer™ 435

Wartości calowe

| CoroReamer™ 435 -XF | | | | | Średnice [cale] | | | | | | |
|---------------------|---------------------------|--|-------|--|-----------------|-------------|-------------|-------------|-------------|-------------|--|
| ISO | Kod MC | Material | N/mm² | Parametr | < .197 | .197 - .244 | .244 - .315 | .315 - .472 | .472 - .630 | .630 - .787 | |
| K | Żeliwo ciągliwe | | | | | | | | | | |
| | K1.1.C.NS | Ferrytyczne, Perlityczne | 428 | v _c stopa/min f _n cale/obr. Naddatek | | | 98 | | | | |
| | | | | | .006 | .007 | .008 | .008 | .010 | .012 | |
| | | | | | .004 | .004 | .008 | .008 | .008 | .012 | |
| | Żeliwo szare | | | | | | | | | | |
| | K2.1.C.UT | O niskiej wytrzymałości | 639 | v _c stopa/min f _n cale/obr. Naddatek | | | 98 | | | | |
| | | | | | .006 | .007 | .008 | .008 | .010 | .012 | |
| | | | | | .004 | .004 | .008 | .008 | .008 | .012 | |
| | K2.2.C.UT | O wysokiej wytrzymałości | 639 | v _c stopa/min f _n cale/obr. Naddatek | | | 98 | | | | |
| | | | | | .006 | .007 | .008 | .008 | .010 | .012 | |
| | | | | | .004 | .004 | .008 | .008 | .008 | .012 | |
| | K2.3.C.UT | | 708 | v _c stopa/min f _n cale/obr. Naddatek | | | 98 | | | | |
| | | | | | .006 | .007 | .008 | .008 | .010 | .012 | |
| | | | | | .004 | .004 | .008 | .008 | .008 | .012 | |
| | Żeliwo sferoidalne | | | | | | | | | | |
| | K3.1.C.UT | Ferrytyczne | 639 | v _c stopa/min f _n cale/obr. Naddatek | | | 66 | | | | |
| | | | | | .006 | .007 | .008 | .008 | .010 | .012 | |
| | | | | | .004 | .004 | .008 | .008 | .008 | .012 | |
| | K3.2.C.UT | Perlityczne | 991 | v _c stopa/min f _n cale/obr. Naddatek | | | 66 | | | | |
| | | | | | .006 | .007 | .008 | .008 | .010 | .012 | |
| | | | | | .004 | .004 | .008 | .008 | .008 | .012 | |
| | K3.3.C.UT | Perlityczne | 503 | v _c stopa/min f _n cale/obr. Naddatek | | | 66 | | | | |
| | | | | | .006 | .007 | .008 | .008 | .010 | .012 | |
| | | | | | .004 | .004 | .008 | .008 | .008 | .012 | |
| | K3.5.C.UT | | 591 | v _c stopa/min f _n cale/obr. Naddatek | | | 66 | | | | |
| | | | | | .006 | .007 | .008 | .008 | .010 | .012 | |
| | | | | | .004 | .004 | .008 | .008 | .008 | .012 | |
| N | Stopy aluminium | | | | | | | | | | |
| | N1.2.Z.UT | Przerobione plastycznie, niestarte | 400 | v _c stopa/min f _n cale/obr. Naddatek | | | 164 | | | | |
| | | | | | .006 | .007 | .008 | .008 | .010 | .012 | |
| | | | | | .004 | .004 | .006 | .008 | .008 | .012 | |
| | N1.2.Z.AG | Kute lub kute i starzone | 650 | v _c stopa/min f _n cale/obr. Naddatek | | | 164 | | | | |
| | | | | | .006 | .007 | .008 | .008 | .010 | .012 | |
| | | | | | .004 | .004 | .006 | .008 | .008 | .012 | |
| | N1.3.C.UT | Odlewy niestarte | 600 | v _c stopa/min f _n cale/obr. Naddatek | | | 164 | | | | |
| | | | | | .006 | .007 | .008 | .008 | .010 | .012 | |
| | | | | | .004 | .004 | .006 | .008 | .008 | .012 | |
| | N1.3.C.AG | Odlewy lub odlewy starzone | 700 | v _c stopa/min f _n cale/obr. Naddatek | | | 164 | | | | |
| | | | | | .006 | .007 | .008 | .008 | .010 | .012 | |
| | | | | | .004 | .004 | .006 | .008 | .008 | .012 | |
| | N1.4.C.NS | Stopy odlewnicze AISi, Si ≥ 13% | 700 | v _c stopa/min f _n cale/obr. Naddatek | | | 98 | | | | |
| | | | | | .006 | .006 | .006 | .008 | .008 | .012 | |
| | | | | | .004 | .004 | .008 | .008 | .008 | .012 | |
| | Stopy miedzi | | | | | | | | | | |
| | N3.3.U.UT | Automatowe stopy miedzi (Pb>1%) | 550 | v _c stopa/min f _n cale/obr. Naddatek | | | 164 | | | | |
| | | | | | .006 | .007 | .008 | .008 | .010 | .012 | |
| | | | | | .004 | .004 | .006 | .008 | .008 | .012 | |
| | N3.1.U.UT | Bezołowiowe stopy miedzi (w tym miedź elektrolityczna) | 1350 | v _c stopa/min f _n cale/obr. Naddatek | | | 164 | | | | |
| | | | | | .006 | .007 | .008 | .008 | .010 | .012 | |
| | | | | | .004 | .004 | .006 | .008 | .008 | .012 | |
| O | Tworzywa sztuczne | | | | | | | | | | |
| | | | | v _c stopa/min f _n cale/obr. Naddatek | | | 131 | | | | |
| | | | | | .006 | .006 | .006 | .014 | .014 | .016 | |
| | | | | | .006 | .006 | .008 | .008 | .008 | .012 | |

B

C

D

E

C

B

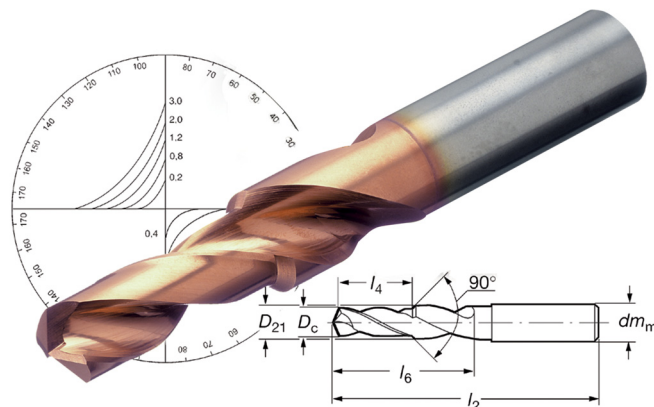
Narzędzia niestandardowe

Jeśli nasz standardowy asortyment nie obejmuje produktu spełniającego określone wymagania, posiadamy odpowiednią wiedzę, aby opracować koncepcję, zaprojektować i wyprodukować narzędzie na zamówienie, wychodząc na przeciw potrzebom danego zastosowania. W naszej ofercie rozwiązań na zamówienie można wybrać pomiędzy produktami wykonanymi w ramach usługi Tailor Made lub zaawansowanymi technicznie produktami specjalnymi, w zależności od złożoności danego zastosowania i cech obrabianego przedmiotu.

C

D

E

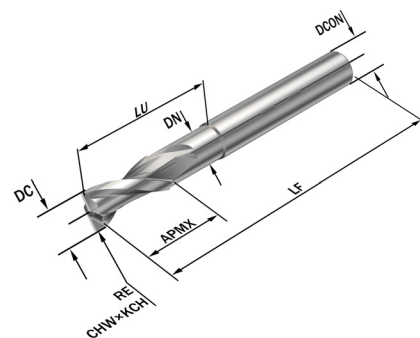


Tailor Made

Głęboko wierzymy w to, że tworząc ofertę Tailor Made odpowiedzieliśmy na większość Państwa potrzeb. Czy to w zakresie alternatywnego wymiaru średnicy, długości, typu chwytu lub innej wymaganej cechy, oferta dostosowania narzędzia do potrzeb w ramach usługi Tailor Made łączy najwyższą jakość z rozsądnym czasem dostawy.



Zainteresowanych prosimy o kontakt z najbliższym przedstawicielem marki Sandvik Coromant lub odwiedzenie adresu: www.sandvik.coromant.com/tailormade



Zaawansowane narzędzia specjalne

Gdy w ramach usługi Tailor Made nie będziemy mogli zaproponować Państwu odpowiedniego rozwiązania, np. z uwagi na złożoność zagadnienia i specyficzne cechy przedmiotu obrabianego, prosimy rozważyć użycie narzędzia specjalnego. We współpracy z Państwem, doświadczeni inżynierowie Sandvik Coromant skonstruują, a następnie wyprodukują narzędzie wyjątkowe – najlepiej dopasowane do Państwa indywidualnych potrzeb.

Zainteresowanych prosimy o kontakt z najbliższym przedstawicielem marki Sandvik Coromant



Gwintowniki

Materiał

| HSS-E | HSS-PM |
|-----------------------------|-----------------------------|
| Stal szybko tnąca kobaltowa | Stal szybko tnąca proszkowa |

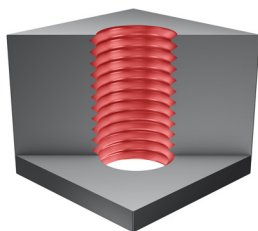
Gatunek/pokrycie

| C110/B110 | C145/B145 |
|---|--|
| Optymalne pod względem twardości i odporności na zużycie ściernie | Oksydowany, bezpieczny i zapobiegający powstawaniu narostu |

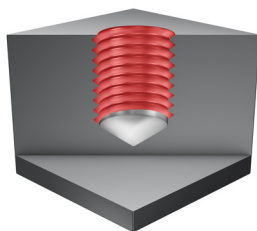
| C150/B150 |
|--|
| Niepokrywany, zapewniający mniejsze przyleganie przy obróbce miękkich materiałów |

Typ otworu

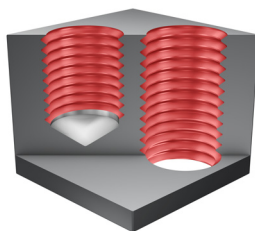
Otwór przelotowy



Otwór nieprzelotowy



Otwór przelotowy lub nieprzelotowy

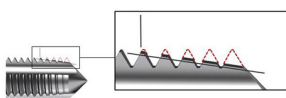


OGÓLNE WSKAZOWKI DOT. GWINTOWANIA OTWORÓW

Dobre wyniki gwintowania zależą od kilku ważnych czynników, które mają wpływ na ostateczną jakość produktu. Chcąc zapewnić korzystny przebieg obróbki, warto stosować się do następujących wskazówek:

1. Posługując się tabelą klasyfikacji materiałowej wybrać odpowiedni model gwintownika do obrabianego materiału i typu otworu (przelotowego lub nieprzelotowego).
2. Zapewnić bezpieczne mocowanie obrabianego przedmiotu – ruchy na boki mogą doprowadzić do złamania narzędzia lub wykonywania gwintów niskiej jakości.
3. Znaleźć wiertło odpowiedniej wielkości w katalogu. Należy pamiętać, że w przypadku wygniataków obowiązują inne wielkości. Niewłaściwy wybór lub niekorzystne warunki wiercenia mogą prowadzić do utwardzania materiału obrabianego i pogorszenia wydajności gwintownika.
4. Wybrać odpowiednią prędkość skrawania zgodnie z informacjami podanymi w katalogu lub zaproponowanymi przez CoroPlus ToolGuide.
5. Stosować ciecz obróbkową odpowiednio do zastosowania.
6. Zadbaj o to, by gwintownik łagodnie zagłębiał się w otwór, ponieważ nierównomierny posuw może prowadzić do powstawania deformacji w kształcie stożka.

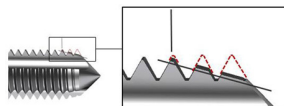
Forma nakroju gwintownika



B = 3.5 – 5 zwojów

Długi nakrój:

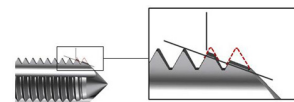
Wysoki moment obrotowy
Optymalna jakość wykończenia powierzchni
Cienkie wióry
Mały nacisk na nakrój
Większa trwałość
Najczęściej spotykany w gwintownikach ze skośną powierzchnią natarcia



C = 2 – 3 zwoje

Średni nakrój:

Niski moment obrotowy
Dobra jakość wykończenia powierzchni
Wióry typowej grubości
Typowy nacisk na nakrój
Typowa trwałość
Najpopularniejsza konstrukcja
Stosowany standardowo do obróbki otworów nieprzelotowych
Najczęściej spotykany w gwintownikach ze śrubowym rowkiem wiórowym



E = 1.5 – 2 zwoje

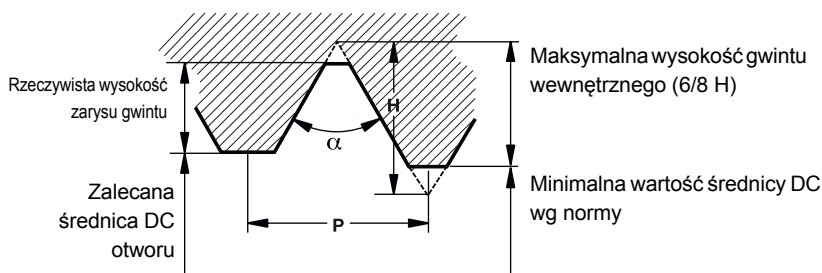
Krótki nakrój:

Niski moment obrotowy
Dobra jakość wykończenia powierzchni
Grube wióry
Duży nacisk na nakrój
Mniejsza trwałość
Konstrukcja do wyjątkowych zastosowań
Do gwintowania z niewielkim wybiegiem (luzem) względem dna otworu

Czym jest procentowa wysokość zarysu gwintu?

Przykład dla norm ISO i UTS – gwinty &60°

Procentowa wysokość zarysu gwintu to stosunek rzeczywistej wysokości zarysu do maksymalnej wysokości zarysu określonej w normie.



Przykład: M8×1.25

Maksymalna wysokość zarysu gwintu zgodnie z normą to 6/8H.

$$H = 0.866 \times P$$

(H = wysokość trójkąta podstawowego)

(P = skok gwintu)

Maksymalna wysokość zarysu gwintu wynosi:

$$6/8 \times (0.866 \times 1,25) = 0.811 \text{ mm}$$

Rzeczywista wysokość zarysu gwintu

w otworze o DC 6.9 mm:

$$(8 - 6,9) / 2 = 0.55 \text{ mm}$$

Procentowa wysokość zarysu gwintu wynosi zatem

$$(0.55 / 0.811) \times 100 = 68\%$$

KLASY GWINTOWNIKOW 2B & 3B: GWINTY CALOWE ZUNIFIKOWANE

POL

| Wielkość | TPI | | Klasy tolerancji | |
|----------|-----|-----|------------------|----------|
| | UNC | UNF | Klasa 2B | Klasa 3B |
| 0 | | 80 | H2 | H1 |
| 1 | 64 | | H2 | H1 |
| 1 | | 72 | H2 | H1 |
| 2 | 56 | | H2 | H1 |
| 2 | | 64 | H2 | H1 |
| 3 | 48 | | H2 | H1 |
| 3 | | 56 | H2 | H1 |
| 4 | 40 | | H2 | H2 |
| 4 | | 48 | H2 | H1 |
| 5 | 40 | | H2 | H2 |
| 5 | | 44 | H2 | H1 |
| 6 | 32 | | H3 | H2 |
| 6 | | 40 | H2 | H2 |
| 8 | 32 | | H3 | H2 |
| 8 | | 36 | H2 | H2 |
| 10 | 24 | | H3 | H3 |
| 10 | | 32 | H3 | H2 |
| 12 | 24 | | H3 | H3 |
| 12 | | 28 | H3 | H3 |
| 1/4 | 20 | | H5 | H3 |
| 1/4 | | 28 | H4 | H3 |
| 5/16 | 18 | | H5 | H3 |
| 5/16 | | 24 | H4 | H3 |
| 3/8 | 16 | | H5 | H3 |

| Wielkość | TPI | | Klasy tolerancji | |
|----------|-----|-----|------------------|----------|
| | UNC | UNF | Klasa 2B | Klasa 3B |
| 3/8 | | 24 | H4 | H3 |
| 7/16 | 14 | | H5 | H3 |
| 7/16 | | 20 | H5 | H3 |
| 1/2 | 13 | | H5 | H3 |
| 1/2 | | 20 | H5 | H3 |
| 9/16 | 12 | | H5 | H3 |
| 9/16 | | 18 | H5 | H3 |
| 5/8 | 11 | | H5 | H3 |
| 5/8 | | 18 | H5 | H3 |
| 3/4 | 10 | | H5 | H5 |
| 3/4 | | 16 | H5 | H3 |
| 7/8 | 9 | | H6 | H4 |
| 7/8 | | 14 | H6 | H4 |
| 1" | 8 | | H6 | H4 |
| 1" | | 12 | H6 | H4 |
| 1.1/8 | 7 | | H8 | H4 |
| 1.1/8 | | 12 | H6 | H4 |
| 1.1/4 | 7 | | H8 | H4 |
| 1.1/4 | | 12 | H6 | H4 |
| 1.3/8 | 6 | | H8 | H4 |
| 1.3/8 | | 12 | H6 | H4 |
| 1.1/2 | 6 | | H8 | H4 |
| 1.1/2 | | 12 | H6 | H4 |

Zalecenia dotyczące wielkości otworów

Zalecenia dot. średnic otworów

Tabela zawiera zalecenia dotyczące średnic otworów pod gwint.

Średnica otworu zależy od rodzaju wiertła i obrabianego materiału.

Średnica otworu może być inna niż średnica nominalna wiertła, ze względu na tolerancję wiertła. Najwyższą precyzję wykonania otworu zapewniają nowoczesne wiertła pełnowęglkowe, wykonane w wąskich klasach dokładności. Umożliwiają one wiercenie otworów o średnicach zbliżonych do maksymalnej średnicy otworu podanej w niniejszych zaleceniach.

W szczególnych przypadkach, np. przy wierceniu bardzo udurowionych materiałów, dla wydłużenia trwałości gwintownika można wykonać otwór o większej średnicy. Gwint ma wtedy odpowiednią wytrzymałość, ale nie mieści się w standardowym zakresie pola tolerancji.

Więcej informacji technicznych można uzyskać na stronie: www.sandvik.coromant.com

M

| DIN 13 | | Metryczne | | Calowe | |
|--------|--------|-----------|--------|--------|----------------|
| TDZ | TP | PHD | PHDX | PHD | PHDX *5H/6H |
| M 1* | x 0.25 | 0.75 | 0.785 | .0295 | .0309 |
| M 1.1* | x 0.25 | 0.85 | 0.885 | .0335 | .0348 |
| M 1.2* | x 0.25 | 0.95 | 0.985 | .0374 | .0388 |
| M 1.4* | x 0.30 | 1.10 | 1.142 | .0433 | .0450 |
| M 1.6 | x 0.35 | 1.25 | 1.321 | .0492 | .0520 |
| M 1.8 | x 0.35 | 1.45 | 1.521 | .0571 | .0599 |
| M 2 | x 0.40 | 1.60 | 1.679 | .0630 | .0661 |
| M 2.2 | x 0.45 | 1.75 | 1.838 | .0689 | .0724 |
| M 2.3 | x 0.40 | 1.85 | 1.938 | .0728 | .0763 |
| M 2.5 | x 0.45 | 2.05 | 2.138 | .0807 | .0842 |
| M 2.6 | x 0.45 | 2.15 | 2.238 | .0846 | .0881 |
| M 3 | x 0.50 | 2.50 | 2.599 | .0984 | .1023 |
| M 3.5 | x 0.60 | 2.90 | 3.010 | .1142 | .1185 |
| M 4 | x 0.70 | 3.30 | 3.422 | .1299 | .1347 |
| M 4.5 | x 0.75 | 3.70 | 3.878 | .1457 | .1527 |
| M 5 | x 0.80 | 4.20 | 4.334 | .1654 | .1706 |
| M 6 | x 1.00 | 5.00 | 5.153 | .1969 | .2029 |
| M 7 | x 1.00 | 6.00 | 6.153 | .2362 | .2422 |
| M 8 | x 1.25 | 6.80 | 6.912 | .2677 | .2721 |
| M 9 | x 1.25 | 7.80 | 7.912 | .3071 | .3115 |
| M 10 | x 1.50 | 8.50 | 8.676 | .3346 | .3416 |
| M 11 | x 1.50 | 9.50 | 9.676 | .3740 | .3809 |
| M 12 | x 1.75 | 10.20 | 10.441 | .4016 | .4111 |
| M 14 | x 2.00 | 12.00 | 12.210 | .4724 | .4807 |
| M 16 | x 2.00 | 14.00 | 14.210 | .5512 | .5594 |
| M 18 | x 2.50 | 15.50 | 15.744 | .6102 | .6198 |
| M 20 | x 2.50 | 17.50 | 17.744 | .6890 | .6986 |
| M 22 | x 2.50 | 19.50 | 19.744 | .7677 | .7773 |
| M 24 | x 3.00 | 21.00 | 21.252 | .8268 | .8367 |
| M 27 | x 3.00 | 24.00 | 24.252 | .9449 | .9548 |
| M 30 | x 3.50 | 26.50 | 26.771 | 1.0433 | 1.0540 |
| M 33 | x 3.50 | 29.50 | 29.771 | 1.1614 | 1.1721 |
| M 36 | x 4.00 | 32.00 | 32.270 | 1.2598 | 1.2705 |
| M 39 | x 4.00 | 35.00 | 35.270 | 1.3780 | 1.3886 |
| M 42 | x 4.50 | 37.50 | 37.799 | 1.4764 | 1.4881 |
| M 45 | x 4.50 | 40.50 | 40.799 | 1.5945 | 1.6063 |
| M 48 | x 5.00 | 43.00 | 43.297 | 1.6929 | 1.7046 |
| M 52 | x 5.00 | 47.00 | 47.297 | 1.8504 | 1.8621 |
| M 56 | x 5.50 | 50.50 | 50.796 | 1.9882 | 1.9998 |
| M 64 | x 6.00 | 58.00 | 58.305 | 2.2835 | 2.2955 |



E45

Zalecenia dotyczące wielkości otworów

Gwintowniki

MF

| DIN 13 | | | Metryczne | | Calowe | |
|--------|--------|--|-----------|------------|--------|------------|
| TDZ | TP | | PHD | PHDX 6H | PHD | PHDX 6H |
| MF 2.5 | x 0.35 | | 2.15 | 2.221 | .0846 | .0874 |
| MF 3.0 | x 0.35 | | 2.65 | 2.721 | .1043 | .1071 |
| MF 3.5 | x 0.35 | | 3.15 | 3.221 | .1240 | .1268 |
| MF 4.0 | x 0.50 | | 3.50 | 3.599 | .1378 | .1417 |
| MF 4.5 | x 0.50 | | 4.00 | 4.099 | .1575 | .1614 |
| MF 5.0 | x 0.50 | | 4.50 | 4.599 | .1772 | .1811 |
| MF 5.5 | x 0.50 | | 5.00 | 5.099 | .1969 | .2007 |
| MF 6.0 | x 0.75 | | 5.25 | 5.378 | .2047 | .2117 |
| MF 7.0 | x 0.75 | | 6.25 | 6.378 | .2441 | .2511 |
| MF 8.0 | x 0.50 | | 7.50 | 7.599 | .2953 | .2992 |
| MF 8.0 | x 0.75 | | 7.25 | 7.378 | .2835 | .2905 |
| MF 8.0 | x 1.00 | | 7.00 | 7.153 | .2756 | .2816 |
| MF 9.0 | x 0.75 | | 8.25 | 8.378 | .3228 | .3298 |
| MF 9.0 | x 1.00 | | 8.00 | 8.153 | .3150 | .3210 |
| MF 10 | x 0.75 | | 9.25 | 9.378 | .3622 | .3692 |
| MF 10 | x 1.00 | | 9.00 | 9.153 | .3543 | .3604 |
| MF 10 | x 1.25 | | 8.80 | 8.912 | .3465 | .3509 |
| MF 11 | x 0.75 | | 10.25 | 10.378 | .4016 | .4086 |
| MF 11 | x 1.00 | | 10.00 | 10.153 | .3937 | .3997 |
| MF 12 | x 1.00 | | 11.00 | 11.153 | .4331 | .4391 |
| MF 12 | x 1.25 | | 10.75 | 10.912 | .4252 | .4296 |
| MF 12 | x 1.50 | | 10.50 | 10.676 | .4134 | .4203 |
| MF 14 | x 1.00 | | 13.00 | 13.153 | .5118 | .5178 |
| MF 14 | x 1.25 | | 12.75 | 12.912 | .5039 | .5083 |
| MF 14 | x 1.50 | | 12.50 | 12.676 | .4921 | .4991 |
| MF 15 | x 1.00 | | 14.00 | 14.153 | .5512 | .5572 |
| MF 15 | x 1.50 | | 13.50 | 13.676 | .5315 | .5384 |
| MF 16 | x 1.00 | | 15.00 | 15.153 | .5906 | .5966 |
| MF 16 | x 1.25 | | 14.80 | 14.912 | .5827 | .5871 |
| MF 16 | x 1.50 | | 14.50 | 14.676 | .5709 | .5778 |
| MF 17 | x 1.00 | | 16.00 | 16.153 | .6299 | .6359 |
| MF 17 | x 1.50 | | 15.50 | 15.676 | .6102 | .6172 |
| MF 18 | x 1.00 | | 17.00 | 17.153 | .6693 | .6753 |
| MF 18 | x 1.50 | | 16.50 | 16.676 | .6496 | .6565 |
| MF 20 | x 1.00 | | 19.00 | 19.153 | .7480 | .7541 |
| MF 20 | x 1.50 | | 18.50 | 18.676 | .7283 | .7353 |
| MF 20 | x 2.00 | | 18.00 | 18.210 | .7087 | .7169 |
| MF 22 | x 1.00 | | 21.00 | 21.153 | .8268 | .8328 |
| MF 22 | x 1.50 | | 20.50 | 20.676 | .8071 | .8140 |
| MF 22 | x 2.00 | | 20.00 | 20.210 | .7874 | .7957 |
| MF 24 | x 1.00 | | 23.00 | 23.153 | .9055 | .9115 |
| MF 24 | x 1.50 | | 22.50 | 22.676 | .8858 | .8928 |
| MF 24 | x 2.00 | | 22.00 | 22.210 | .8661 | .8744 |
| MF 25 | x 1.00 | | 24.00 | 24.153 | .9449 | .9509 |
| MF 25 | x 1.50 | | 23.50 | 23.676 | .9252 | .9321 |
| MF 25 | x 2.00 | | 23.00 | 23.210 | .9055 | .9138 |
| MF 27 | x 1.00 | | 26.00 | 26.153 | 1.0236 | 1.0296 |
| MF 27 | x 1.50 | | 25.50 | 25.676 | 1.0039 | 1.0109 |
| MF 27 | x 2.00 | | 25.00 | 25.210 | .9843 | .9925 |
| MF 28 | x 1.00 | | 27.00 | 27.153 | 1.0630 | 1.0690 |
| MF 28 | x 1.50 | | 26.50 | 26.676 | 1.0433 | 1.0502 |
| MF 28 | x 2.00 | | 26.00 | 26.210 | 1.0236 | 1.0319 |
| MF 30 | x 1.00 | | 29.00 | 29.153 | 1.1417 | 1.1478 |
| MF 30 | x 1.50 | | 28.50 | 28.676 | 1.1220 | 1.1290 |
| MF 30 | x 2.00 | | 28.00 | 28.210 | 1.1024 | 1.1106 |
| MF 30 | x 3.00 | | 27.00 | 27.252 | 1.0630 | 1.0729 |
| MF 32 | x 1.50 | | 30.50 | 30.676 | 1.2008 | 1.2077 |
| MF 32 | x 2.00 | | 30.00 | 30.210 | 1.1811 | 1.1894 |
| MF 33 | x 1.50 | | 31.50 | 31.676 | 1.2402 | 1.2471 |
| MF 33 | x 2.00 | | 31.00 | 31.210 | 1.2205 | 1.2287 |
| MF 33 | x 3.00 | | 30.00 | 30.252 | 1.1811 | 1.1910 |
| MF 35 | x 1.50 | | 33.50 | 33.676 | 1.3189 | 1.3258 |
| MF 36 | x 1.50 | | 34.50 | 34.676 | 1.3583 | 1.3652 |



Zalecenia dotyczące wielkości otworów

Gwintowniki

UNC

| ASME B1.1 | | Metryczne | | | Calowe | | |
|-----------|-------|-----------|------------|------------|--------|------------|------------|
| TDZ | TPI | PHD | PHDX 2B | PHDX 3B | PHD | PHDX 2B | PHDX 3B |
| Nr. 1 | - 64 | 1.55 | 1.582 | 1.582 | .0610 | .0623 | .0623 |
| Nr. 2 | - 56 | 1.85 | 1.872 | 1.872 | .0728 | .0737 | .0737 |
| Nr. 3 | - 48 | 2.10 | 2.146 | 2.146 | .0827 | .0845 | .0845 |
| Nr. 4 | - 40 | 2.35 | 2.385 | 2.385 | .0925 | .0939 | .0939 |
| Nr. 5 | - 40 | 2.65 | 2.697 | 2.697 | .1043 | .1062 | .1062 |
| Nr. 6 | - 32 | 2.85 | 2.896 | 2.896 | .1122 | .1140 | .1140 |
| Nr. 8 | - 32 | 3.50 | 3.531 | 3.528 | .1378 | .1390 | .1389 |
| Nr. 10 | - 24 | 3.90 | 3.962 | 3.950 | .1535 | .1560 | .1555 |
| Nr. 12 | - 24 | 4.50 | 4.597 | 4.590 | .1772 | .1810 | .1807 |
| 1/4 | - 20 | 5.10 | 5.268 | 5.250 | .2008 | .2074 | .2067 |
| 5/16 | - 18 | 6.60 | 6.734 | 6.680 | .2598 | .2651 | .2630 |
| 3/8 | - 16 | 8.00 | 8.164 | 8.082 | .3150 | .3214 | .3182 |
| 7/16 | - 14 | 9.40 | 9.550 | 9.441 | .3701 | .3760 | .3717 |
| 1/2 | - 13 | 10.80 | 11.013 | 10.881 | .4252 | .4336 | .4284 |
| 9/16 | - 12 | 12.20 | 12.456 | 12.301 | .4803 | .4904 | .4843 |
| 5/8 | - 11 | 13.50 | 13.868 | 13.693 | .5315 | .5460 | .5391 |
| 3/4 | - 10 | 16.50 | 16.833 | 16.324 | .6496 | .6627 | .6427 |
| 7/8 | - 9 | 19.50 | 19.748 | 19.520 | .7677 | .7775 | .7685 |
| 1 | - 8 | 22.25 | 22.598 | 22.344 | .8760 | .8897 | .8797 |
| 1 1/8 | - 7 | 25.00 | 25.349 | 25.082 | .9843 | .9980 | .9875 |
| 1 1/4 | - 7 | 28.00 | 28.524 | 28.258 | 1.1024 | 1.1230 | 1.1125 |
| 1 3/8 | - 6 | 30.75 | 31.120 | 30.851 | 1.2106 | 1.2252 | 1.2146 |
| 1 1/2 | - 6 | 34.00 | 34.295 | 34.026 | 1.3386 | 1.3502 | 1.3396 |
| 1 3/4 | - 5 | 39.50 | 39.814 | 39.560 | 1.5551 | 1.5675 | 1.5575 |
| 2 | - 4.5 | 45.00 | 45.598 | 45.367 | 1.7717 | 1.7952 | 1.7861 |

UNF

| ASME B1.1 | | Metryczne | | | Calowe | | |
|-----------|------|-----------|------------|------------|--------|------------|------------|
| TDZ | TPI | PHD | PHDX 2B | PHDX 3B | PHD | PHDX 2B | PHDX 3B |
| Nr.1 | - 72 | 1.55 | 1.613 | 1.613 | .0610 | .0635 | .0635 |
| Nr.2 | - 64 | 1.85 | 1.913 | 1.913 | .0728 | .0753 | .0753 |
| Nr.3 | - 56 | 2.15 | 2.197 | 2.197 | .0846 | .0865 | .0865 |
| Nr.4 | - 48 | 2.40 | 2.459 | 2.459 | .0945 | .0968 | .0968 |
| Nr.5 | - 44 | 2.70 | 2.741 | 2.741 | .1063 | .1079 | .1079 |
| Nr.6 | - 40 | 2.95 | 3.023 | 3.012 | .1161 | .1190 | .1186 |
| Nr.8 | - 36 | 3.50 | 3.607 | 3.597 | .1378 | .1420 | .1416 |
| Nr. 10 | - 32 | 4.10 | 4.166 | 4.168 | .1614 | .1640 | .1641 |
| Nr. 12 | - 28 | 4.60 | 4.724 | 4.717 | .1811 | .1860 | .1857 |
| 1/4 | - 28 | 5.50 | 5.580 | 5.563 | .2165 | .2197 | .2190 |
| 5/16 | - 24 | 6.90 | 7.038 | 6.995 | .2717 | .2771 | .2754 |
| 3/8 | - 24 | 8.50 | 8.626 | 8.565 | .3346 | .3396 | .3372 |
| 7/16 | - 20 | 9.90 | 10.030 | 9.947 | .3898 | .3949 | .3916 |
| 1/2 | - 20 | 11.50 | 11.618 | 11.524 | .4528 | .4574 | .4537 |
| 9/16 | - 18 | 12.90 | 13.084 | 12.969 | .5079 | .5151 | .5106 |
| 5/8 | - 18 | 14.50 | 14.671 | 14.554 | .5709 | .5776 | .5730 |
| 3/4 | - 16 | 17.50 | 17.689 | 17.546 | .6890 | .6964 | .6908 |
| 7/8 | - 14 | 20.40 | 20.663 | 20.493 | .8031 | .8135 | .8068 |
| 1 | - 12 | 23.25 | 23.569 | 23.363 | .9154 | .9279 | .9198 |
| 1 1/8 | - 12 | 26.50 | 26.744 | 26.538 | 1.0433 | 1.0529 | 1.0448 |
| 1 1/4 | - 12 | 29.50 | 29.919 | 29.713 | 1.1614 | 1.1779 | 1.1698 |
| 1 3/8 | - 12 | 32.75 | 33.094 | 32.888 | 1.2894 | 1.3029 | 1.2948 |
| 1 1/2 | - 12 | 36.00 | 36.269 | 36.063 | 1.4173 | 1.4279 | 1.4198 |



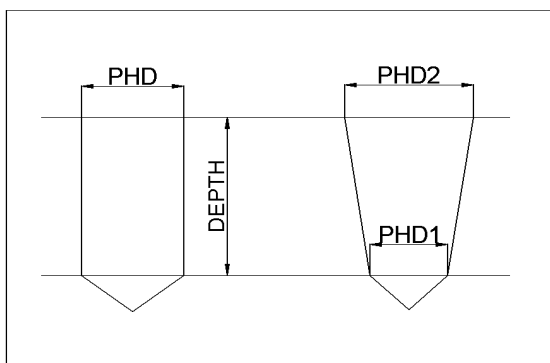
E45

Zalecenia dotyczące wielkości otworów

Gwintowniki

G

| DIN-ISO 228 | | Metryczne | | Calowe | |
|-------------|------|-----------|--------|--------|--------|
| TDZ | TPI | PHD | PHDX | PHD | PHDX |
| G 1/16 | - 28 | 6.80 | 6.843 | .2677 | .2694 |
| G 1/8 | - 28 | 8.80 | 8.848 | .3465 | .3483 |
| G 1/4 | - 19 | 11.80 | 11.890 | .4646 | .4681 |
| G 3/8 | - 19 | 15.25 | 15.395 | .6004 | .6061 |
| G 1/2 | - 14 | 19.00 | 19.173 | .7480 | .7548 |
| G 5/8 | - 14 | 21.00 | 21.129 | .8268 | .8319 |
| G 3/4 | - 14 | 24.50 | 24.659 | .9646 | .9708 |
| G 7/8 | - 14 | 28.25 | 28.419 | 1.1122 | 1.1189 |
| G 1 | - 11 | 30.75 | 30.932 | 1.2106 | 1.2178 |
| G 1 1/8 | - 11 | 35.50 | 35.580 | 1.3976 | 1.4008 |
| G 1 1/4 | - 11 | 39.50 | 39.593 | 1.5551 | 1.5588 |
| G 1 1/2 | - 11 | 45.25 | 45.486 | 1.7815 | 1.7908 |



E45

Nowa norma - łatwiejsza identyfikacja i dobór

ISO 13399 to międzynarodowa norma, wprowadzona dla uproszczenia obiegu danych narzędzi skrawających. Zmiany spowodowane wdrożeniem tej normy można zauważyć w parametrach i sposobie opisu narzędzi.

Po raz pierwszy, sposób opisu geometrii narzędzi skrawających został znormalizowany. Ujednolicenie parametrów i definicji cech narzędzi w całej branży ogromnie ułatwia komunikację między systemami komputerowymi zarządzającymi danymi narzędziowymi.

Jakie ma to znaczenie dla użytkownika?

Oprogramowanie, z którego korzysta użytkownik, może komunikować się z naszym systemem w jednym języku. Po pobraniu danych o produktach z naszej strony internetowej, użytkownik może od razu wprowadzić je do oprogramowania CAD/ CAM, w którym projektowane są zespoły narzędzi wykorzystywane w produkcji. Nie ma potrzeby wyszukiwania danych w katalogach ani konwersji do innego formatu. To ogromna oszczędność czasu!

| Skrót | Zalecana nazwa |
|-------------------|--|
| ADJLN | Dolna granica regulacji |
| ADJLX | Maksymalny zakres regulacji |
| ADJRG | Zakres regulacji |
| ALP | Kąt przyłożenia |
| AN | Główny kąt przyłożenia |
| ANN | Pomocniczy kąt przyłożenia |
| APMX | Maksymalna głębokość skrawania |
| APMX_EFW | Maksymalna głębokość skrawania - posuw w kierunku osiowym |
| APMX_FFW | Maksymalna głębokość skrawania - posuw w kierunku promieniowym |
| AZ | Maksymalna głębokość wglębenia |
| B | Szerokość chwytu oprawki |
| BAWS | Kąt korpusu po stronie przedmiotu obrabianego |
| BAMS | Kąt korpusu po stronie obrabiarki |
| BBD | Wyważony konstrukcyjnie |
| BBR | Wyważony w teście obrotowym |
| BCH | Długość ścinu naroża |
| BD | Średnica korpusu |
| BHTA | Kąt stożka korpusu |
| BN | Szerokość ścinów powierzchni natarcia |
| BS | Długość krawędzi dogładzającej |
| BSG | Norma wykonania |
| BSR | Promień naroża typu Wiper |
| CDX | Maksymalna głębokość skrawania |
| CEMR | Główny promień zaokrąglenia krawędzi skrawającej |
| CF | Szerokość ścinu na profilu ostrza |
| CHBA | Kąt ścinu korpusu |
| CHBL | Długość ścinu korpusu |
| CHW | Szerokość fazki naroża płytki |
| CICT | Liczba elementów skrawających |
| CICT _E | Liczba efektywnych ostrzy - od czoła |
| CICT _P | Liczba efektywnych ostrzy - na obwodzie |
| CICT _S | Liczba efektywnych ostrzy - w położeniu bocznym |
| CICT _T | Łączna liczba efektywnych ostrzy |
| CND | Średnica podłączenia chłodziwa |
| CNSC | Oznaczenie typu wlotu chłodziwa |
| CNT | Wielkość gwintu wlotu chłodziwa |
| COATING | Pokrycie |
| CP | Maksymalne dopuszczalne ciśnienie chłodziwa |
| CRKS | Wielkość gwintu śruby ściągającej złącza |
| CRNT | Wielkość gwintu wlotu chłodziwa od strony promieniowej |
| CTPT | Typ operacji |
| CUTDIA | Maksymalna średnica przecinanego przedmiotu |
| CW | Szerokość skrawania |
| CWN | Minimalna szerokość warstwy skrawanej |
| CWTOLL | Dolna odchyłka tolerancji szerokości skrawania |
| CWTOLU | Górna odchyłka tolerancji szerokości skrawania |
| CWX | Maksymalna szerokość przejścia |
| CXSC | Oznaczenie typu wylotu chłodziwa |
| CZC | Oznaczenie wielkości złącza |
| CZC _{MS} | Oznaczenie wielkości złącza po stronie obrabiarki |
| CZC _{WS} | Oznaczenie wielkości złącza po stronie przedmiotu obrabianego |
| D1 | Średnica otworu mocującego |
| DAH | Średnica otworu dostępowego |
| DAXIN | Minimalna średnica wewnętrzna rowka czołowego |

| | |
|--------------------|--|
| DAXN | Minimalna średnica zewnętrzna rowka czołowego |
| DAXX | Maksymalna średnica zewnętrzna rowka czołowego |
| DBC | Średnica rozstawienia śrub |
| DC | Średnica skrawania |
| DCB | Średnica otworu mocującego |
| DCBN | Minimalna średnica otworu mocującego |
| DCBX | Maksymalna średnica otworu mocującego |
| DCF | Średnica skrawania czoła |
| DCIN | Wewnętrzna średnica skrawania |
| DCN | Minimalna średnica skrawania |
| DCON | Średnica złącza |
| DCON _{MS} | Wielkość złącza po stronie obrabiarki |
| DCON _{WS} | Wielkość złącza po stronie przedmiotu obrabianego |
| DCPS | Wielkość wgłębienia na nośnik danych |
| DCSF _{MS} | Średnica powierzchni styku po stronie obrabiarki |
| DCSF _{WS} | Średnica powierzchni styku po stronie przedmiotu obrabianego |
| DCX | Maksymalna średnica skrawania |
| DHUB | Średnica piasty |
| DIX | Maksymalna średnica dopasowania do zmieniaacza narzędzi |
| DMIN | Średnica minimalna otworu obrabianego |
| DMM | Średnica trzonka |
| DN | Średnica szyjki |
| DRVCT | Liczba zabieraków |
| DSGN | Wersja |
| EPSR | Kąt naroża płytki |
| FHA | Kąt pochylenia linii śrubowej rowków wiórowych |
| FLGT | Grubość kołnierza |
| FTDZ | Do gwintów od średnicy gwintu |
| H | Wysokość trzonka |
| HA | Teoretyczna wysokość zarysu gwintu |
| HB | Różnica wysokości zarysu gwintu |
| HBH | Odległość podstawy głowicy od powierzchni bazowej |
| HC | Wysokość zarysu gwintu |
| HF | Wysokość funkcjonalna |
| HRY | Najniższy punkt do płaszczyzny odniesienia |
| HTB | Wysokość korpusu |
| HTH | Wysokość |
| IC | Średnica okręgu wpisanego |
| INSL | Długość płytki |
| INSUC | Oznaczenie przeznaczenia płytki skrawającej |
| IZC | Oznaczenie wielkości płytki |
| KAPR | Kąt przystawienia |
| KAPR_EFW | Kąt przystawienia - posuw w położeniu końcowym |
| KCH | Kąt fazki naroża |
| KRINS | Główny kąt przystawienia |
| KWW | Szerokość rowka wpustowego |
| L | Długość krawędzi |
| LAMS | Kąt pochylenia |
| LB | Długość korpusu |
| LCF | Długość rowka wiórowego |
| LCOX | Maksymalna długość odciętej części |
| LE | Efektywna długość krawędzi skrawającej |
| LF | Długość funkcjonalna |
| LFN | Minimalna długość funkcjonalna |
| LH | Długość głowicy |
| LPR | Długość wysunięcia |
| LS | Długość trzonka |
| LSC | Długość mocowania |
| LSCN | Minimalna długość mocowania |
| LSCS | Odległość do rozpoczęcia części chwytowej |
| LSCX | Maksymalna długość mocowania |
| LSD | Długość chwytu |
| LU | Długość użytkowa (max. zalecana) |
| LU_BFW | Długość użytkowa - planowanie wsteczne |
| LUX | Maksymalna długość użytkowa |
| MHD | Odległość otworu mocującego |
| MIID | Oznaczenie płytki głównej |
| MIID _E | Oznaczenie płytki głównej - położenie końcowe |
| MIID _S | Oznaczenie płytki głównej - położenie boczne |
| MIID _C | Oznaczenie płytki głównej - położenie centralne |
| MIID _P | Oznaczenie płytki głównej - położenie zewnętrzne |
| MIID _I | Oznaczenie płytki głównej - położenie pośrednie |
| MMCC | Kod momentu wstępnego |
| MMCX | Maksymalny moment siły skrawania |
| NOF | Liczba rowków |
| NT | Liczba ostrzy |
| OAH | Wysokość całkowita |
| OAL | Długość całkowita |
| OAW | Szerokość całkowita |

| | |
|------------------|--|
| OH | Zalecany wysięg |
| OHN | Minimalny wysięg |
| OHX | Maksymalny wysięg |
| ORDCODE | Oznaczenie |
| PCL | Długość części walcowej |
| PDX | Odległość profilu ex |
| PDY | Odległość profilu ey |
| PHD | Średnica otworu wstępnie obrobionego |
| PHDX | Maksymalna średnica otworu wstępnie obrobionego |
| PL | Długość wierzchołka |
| PNA | Kąt zarysu na krawędzi skrawającej |
| PRFRAD | Promień profilu |
| PRSPC | Specyfikacja zarysu |
| PSIR | Kąt przystawienia narzędzia |
| PSIRL | Główny lewy kąt przystawienia |
| PSIRR | Główny prawy kąt przystawienia |
| PSW | Szerokość rowka wstępnie obrobionego |
| RADH | Promieniowa wysokość korpusu |
| RADW | Promieniowa szerokość korpusu |
| RAR | Kąt przyłożenia z prawej strony |
| RE | Promień naroża |
| REL | Promień naroża z lewej strony |
| RER | Promień naroża z prawej strony |
| RETOLL | Dolna odchyłka tolerancji promienia naroża |
| RETOLU | Górna odchyłka tolerancji promienia naroża |
| RGL | Długość ostrzenia |
| RMPX | Maksymalny kąt zagłębiania skośnego |
| RPMX | Maksymalna prędkość obrotowa |
| S | Promień przedmiotu obrabianego |
| SDL | Długość do stopnia |
| SIG | Kąt wierzchołkowy |
| SPTL | Linia podziałowa |
| SSC | Oznaczenie wielkości gniazda płytki |
| SSC _E | Oznaczenie wielkości gniazda płytki - położenie końcowe |
| SSC _P | Oznaczenie wielkości gniazda płytki - położenie zewnętrzne |
| SSC _S | Oznaczenie wielkości gniazda płytki - położenie boczne |
| STA | Kąt stopnia |
| SUBSTRATE | Podłoże |
| TCDC | Klasa tolerancji średnicy skrawania |
| TCDCON | Dokładność średnicy złącza |
| TCDMM | Tolerancja średnicy trzonka |
| TCHA | Osiągalna tolerancja otworu |
| TCHAL | Dolna odchyłka tolerancji wymiaru średnicy otworu |
| TCHAU | Górna odchyłka tolerancji wymiaru średnicy otworu |
| TCT | Klasa tolerancji narzędzia |
| TCTR | Klasa tolerancji gwintu |
| TD | Średnica gwintu |
| TDZ | Wielkość średnicy gwintu |
| TFLA | Wydłużenie oprawki podatnej gwintownika |
| TFLB | Skrócenie oprawki podatnej gwintownika |
| TG | Zbieżność stożka |
| THBTP | Gwint stożkowy |
| THCA | Kąt korekcji linii śrubowej gwintu |
| THCHT | Forma nakroju gwintownika |
| THFT | Zarys gwintu |
| THFTS | Norma zarysu gwintu |
| THL | Długość gwintu |
| THUB | Grubość piasty |
| TP | Podziałka gwintu |
| TPI | Liczba zwojów gwintu na cal |
| TPIN | Minimalna liczba zwojów/ cal |
| TPIX | Maksymalna liczba zwojów/ cal |
| TPN | Najmniejsza podziałka gwintu |
| TPT | Zarys gwintu |
| TPX | Największa podziałka gwintu |
| TRMAX | Maks. zakres wielkości gwintu |
| TQ | Moment obrotowy |
| TSYC | Oznaczenie główne, tj. typ narzędzia |
| TTP | Typ gwintu |
| ULDR | Stosunek długości użytkowej do średnicy |
| VCX | Maksymalna prędkość skrawania |
| W1 | Szerokość płytki |
| WB | Szerokość korpusu |
| WF | Szerokość funkcjonalna |
| WFCIRP | Szerokość do punktu odniesienia krawędzi skrawającej |
| WSC | Szerokość mocowania |
| WT | Ciężar elementu |
| ZEFF | Liczba efektywnych ostrzy na czole |
| ZEFP | Liczba efektywnych ostrzy na obwodzie (ZEFP) |
| ZWX | Maksymalna liczba płytek Wiper |

Przeliczanie jednostek

Zmiana jednostek z systemu metrycznego na imperialny

Odległość
1 metr = 39.370 cali
1 metr = 3.281 stopy
1 milimetr = 0.039 cala

Masa
1 kilogram = 2.205 funta
1 kilogram = 35.274 uncji

Moment obrotowy
1 Nm = 0.738 ft-lbs
1 Nm = 8.851 in-lbs

Zmiana jednostek z systemu imperialnego na metryczny

Odległość
1 cal = 25.4 mm
1 stopa = 0.3 m
1 stopa = 304.8 mm

Masa
1 funt = 0.45 kilograma
1 uncja = 28.35 grama

Moment obrotowy
1 ft-lbf = 1.4 Nm
1 in-lbf = 0.1 Nm


Wykorzystywane symbole:

v_c = prędkość skrawania
 n = prędkość obrotowa wrzeciona
 v_f = prędkość posuwu
 z_n = łączna liczba ostrzy
 z_c = liczba efektywnych ostrzy
 f_z = posuw na ostrze
 f_n = posuw na obrót
 h_{ex} = maksymalna grubość wióra
 a_p = głębokość skrawania
 l_a = szerokość ostrza
 a_e = szerokość frezowania
 a_e/D_c % = zagłębienie promieniowe
 T = czas obróbki
 Q = objętościowa wydajność skrawania
 nap = liczba przejeść
 TPI = liczba zwojów gwintu na cal
 k_c = opór właściwy skrawania
 R_a = chropowatość powierzchni

| Metryczne | Imperialne |
|-----------------------------|-----------------------|
| m/min (metr/minutę) | ft/min (stopa/minutę) |
| obr./min (obroty na minutę) | |
| mm/min | cal/min |
| | |
| mm/ostrze | cal/ostrze |
| mm/obr. | cale/obr. |
| mm | cale |
| mm | cale |
| mm | cale |
| mm | cale |
| % | % |
| min | min |
| cm³/min | cale³/min |
| | |
| N/mm² | lbs/in² |
| µm | µin |

Wielkość płytki

iC = okrąg wpisany w calach

 = długość krawędzi skrawającej w mm

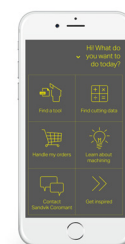
Aplikacja Ifind

Nasze najbardziej przydatne narzędzia zebrane razem dla Państwa wygody

Masz dostęp do Internetu i pracujesz w drodze lub w warsztacie. Niezależnie od miejsca, dzięki aplikacji Ifind uzyskasz dostęp do potrzebnych funkcji.

Ta aplikacja pomaga w znalezieniu odpowiednich narzędzi, rozwiązań lub informacji niezbędnych dla Twojej działalności. Tu uzyskasz zalecenia dotyczące doboru narzędzi, dokonasz zakupu, prześledzisz realizację złożonego zamówienia, a także uzupełnisz posiadaną wiedzę. Czym chciałbyś zająć się dzisiaj?

Wszystko, co może zaoferować aplikacja Ifind jest dostępne na dowolnym urządzeniu.



Regeneracja

Proponujemy coś więcej niż zwykłe ostrzenie narzędzi monolitycznych. W ramach usługi regeneracji gwarantujemy kilkukrotne odtworzenie pierwotnych parametrów narzędzi, co wiąże się z obniżeniem kosztów narzędziowych.

Nasza oferta



100%

Satysfakcji

Nasi eksperci służą wsparciem i poradami.



x3

Pierwotne parametry

Gwarancja przywrócenia pierwotnej jakości narzędzia - nawet trzykrotnie.

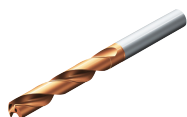


50%

Oszczędności

Usługa regeneracji może przyczynić się do obniżenia kosztów narzędzi nawet o 50%.

Produkty podlegające regeneracji



Wiertła



Frezy



Rozwiertaki



Patrz oznaczenie symbolem usługi regeneracji na stronach produktów i rodzin produktów.

Dodatkowe informacje



Pojemnik na narzędzia do regeneracji

Pojemniki mogą być zamawiane w dwóch wielkościach

- małe (300 x 200 x 138mm)
oznaczenie produktu: 6949557
- średnie (400 x 300 x 138mm)
oznaczenie produktu: 6949558

Różnego typu narzędzia Sandvik Coromant można wysłać zapakowane do jednego pojemnika.



Usługa regeneracji

- Przed regeneracją dokonujemy przeglądu stanu narzędzi, aby ocenić, które z nich można poddać regeneracji. Narzędzia, których nie można zregenerować, zostaną zwrócone
- Oznaczenie laserowe na chwycie wskazuje liczbę wykonanych regeneracji
- Narzędzia są zwracane w oryginalnym opakowaniu



Jakim zabiegom są poddawane narzędzia?

- Całkowite odtworzenie geometrii
- Skrócenie długości w przypadku wiertel
- Zmniejszenie średnicy i długości frezów trzpieniowych
 - Średnica minimalna wynosi około 0.9xDc
- Średnica rozwiertaków mieści się w zakresie tolerancji

Informacji o cenach udzieli lokalny przedstawiciel Sandvik Coromant.

Na rzecz ochrony środowiska naturalnego

Już dziś włącz się w odzyskiwanie surowców z Coromant Recycling Concept!

Koncepcja odzyskiwania surowców (Coromant Recycling Concept - CRC) jest kompleksową usługą odzyskiwania zużytych płytek węglkowych, oferowaną dla wszystkich klientów Sandvik Coromant. W związku ze wzrastającym zapotrzebowaniem na surowce nieodnawialne, oszczędne gospodarowanie ich malejącymi zasobami jest powinnością wszystkich producentów. Sandvik Coromant bierze udział w tej akcji, oferując zbiórkę zużytych płytek węglkowych i ich przeróbkę w sposób najbardziej przyjazny dla środowiska naturalnego.

Wszystkie zużyte płytki węglkowe powinny być zbierane do pojemników zbiorczych na stanowisku roboczym. Gdy pojemnik zbiorczy jest zapełniony, jego zawartość przekłada się do pojemnika transportowego. Zalecamy wyposażenie każdej narzędziowni w dwa pojemniki transportowe. Zapełniony pojemnik transportowy należy następnie wysłać do najbliższego przedstawicielstwa Sandvik Coromant lub do lokalnego dystrybutora, gdzie można zasięgnąć bliższych informacji.

Korzyści z CRC mówią same za siebie:

- Wspólny dla wszystkich rynków system recyklingu.
- Dla kupujących bezpośrednio, jak i przez sieć dystrybutorów.
- Zbiórka i transport ułatwione dzięki systemowi specjalnych pojemników.
- Mniejsze straty, mniejsze obciążenie dla środowiska naturalnego.
- Lepsze spożytkowanie zasobów naturalnych.
- Akceptujemy węgliki pochodzące od innych producentów.



Zamów pojemnik zbiorczy na zużyte płytki dla każdej tokarki, frezarki, wiertarki czy centrum obróbczego. Zalecamy jeden pojemnik zbiorczy dla płytek oraz jeden oddzielny dla narzędzi pełnowęglkowych przy każdym stanowisku obróbkowym.

| | |
|---|------------|
| Pojemnik zbiorczy: | Oznaczenie |
| Pojemnik transportowy dla narzędzi pełnowęglkowych (drewniany): | 91617 |
| Pojemnik transportowy dla płytek (drewniany): | 92994 |
| | 92995 |

Informacje dotyczące bezpieczeństwa

Informacje z zakresu BHP dotyczące m.in. szlifowania węglików spiekanych

Składniki

Oprawki narzędzi

Oprawki narzędzi składają się głównie ze stopów żelaza (FE) z niskoprocentową domieszką chromu, niklu, manganu, molibdenu i krzemu.

Płytki wymienne i narzędzia skrawające jednolite wykonane z węglików spiekanych

Produkty z węgliku spiekane zawierają głównie węgiel wolframu i kobalt. Mogą one również zawierać węgliki i karbonitryle w których skład wchodzi: tytan, tantal, niob, chrom, molibden i wanad.

Rodzaje narażenia na szkodliwe działanie

Szlifowanie lub podgrzewanie półfabrykatu lub gotowego produktu na bazie spieku węglkowego prowadzi do wydzielania pyłu lub wylęgów zawierających niebezpieczne składniki, które mogą być szkodliwe dla dróg oddechowych (wdychanie), pokarmowych (połknięcie), lub spowodować obrażenia skóry lub oczu.

Ostra toksyczność

Pyły są toksyczne w razie wdychania. Wdychanie może spowodować podrażnienie lub zapalenie dróg oddechowych. Stwierdzono, że jednocześnie wdychanie kobaltu i węgliku wolframu jest znacznie groźniejsze niż wdychanie samego kobaltu. Zetknięcie ze skórą może powodować podrażnienie i wysypkę. U osób, których skóra jest podatna na uczulenia - może wystąpić reakcja alergiczna.

Toksyczność przewlekła

Powtarzające się wdychanie aerozoli zawierających kobalt może spowodować utrudnienia w oddychaniu. Przedłużające się wdychanie kobaltu w zwiększonych stężeniach może spowodować zwłóknienie płuc, lub prowadzić do raka płuc. Badania epidemiologiczne wskazują, że u pracowników narażonych w przeszłości na duże stężenia węgliku wolframu / kobaltu występuje zwiększone ryzyko rozwoju raka płuc.

Kobalt i nikiel mają działanie potencjalnie uczulające względem skóry. Powtarzające się lub długotrwałe narażenie na działanie tych substancji może powodować podrażnienie skóry.

Ostrzeżenia przed ryzykiem

Toksyczne: grozi poważną utratą zdrowia w razie długotrwałego narażenia się na wdychanie

Toksyczne przy wdychaniu

Ograniczone dowody na działanie rakotwórcze.

Może spowodować uczulenie w razie wdychania lub zetknięcia ze skórą

Działania zapobiegawcze

Unikać wytwarzania i wdychania pyłów. Stosować miejscową wentylację wyciągową w stopniu wystarczającym do utrzymania poziomu ekspozycji znacznie poniżej wartości dopuszczalnych w danym kraju.

Jeżeli przewietrzanie nie jest możliwe do zrealizowania, lub jest niewystarczające, należy stosować maski ochronne, zatwierdzone w danym kraju do tego rodzaju zastosowań.

W razie konieczności stosować okulary ochronne z osłonami bocznymi.

Unikać powtarzającego się kontaktu ze skórą. Stosować odpowiednie rękawice ochronne. Po wykonaniu czynności dokładnie umyć powierzchnię skóry.

Stosować odpowiednią odzież ochronną. Pracować w odzieży ochronnej w miarę potrzeb.

Nie jeść, nie pić, ani nie palić tytoniu na stanowisku roboczym. Przed jedzeniem, piciem lub paleniem tytoniu dokładnie umyć powierzchnię skóry.



Wykaz odpowiedników materiałowych

| ISO | MC | CMC | Kraj | | | | | | | | | |
|------|---------------------|-----------|-------------|--------|-------------------|-------|---------|---------------|-----------------|-----------------|-------------|------------------|
| | | | Europa | Niemcy | Wielka Brytania | | Szwecja | USA | Francja | Włochy | Hiszpania | Japonia |
| | | | Norma | | | | | | | | | |
| | | | DIN EN | W.-nr. | BS | EN | SS | AISI/SAE/ASTM | AFNOR | UNI | UNE | JIS |
| P | Stal węglowa | | | | | | | | | | | |
| | P1.1.Z.AN | 01.1 | S235JR G2 | 1.0038 | 4360 40 C | - | 1311 | A570.36 | E 24-2 Ne | - | - | STKM 12A;C |
| | P1.1.Z.AN | 01.1 | S235J2 G3 | 1.0116 | 4360 40 B | - | 1312 | A573-81 65 | E 24-U | Fe37-3 | - | - |
| | P1.1.Z.AN | 01.1 | C15 | 1.0401 | 080M15 | - | 1350 | 1015 | CC12 | C15C16 | F.111 | - |
| | P1.1.Z.AN | 01.1 | C22 | 1.0402 | 050A20 | 2C/2D | 1450 | 1020 | CC20 | C20C21 | F.112 | - |
| | P1.1.Z.AN | 01.1 | C15E | 1.1141 | 080M15 | 32C | 1370 | 1015 | XC12 | C16 | C15K | S15C |
| | P1.1.Z.AN | 01.1 | C25E | 1.1158 | - | - | - | 1025 | - | - | - | S25C |
| | P1.1.Z.AN | 01.1 | S380N | 1.8900 | 4360 55 E | - | 2145 | A572-60 | - | FeE390KG | - | - |
| | P1.1.Z.AN | 01.1 | 17MnV7 | 1.0870 | 4360 55 E | - | 2142 | A572-60 | NFA 35-501 E 36 | - | - | - |
| | P1.1.Z.AN | 02.1 | 55Si7 | 1.0904 | 250A53 | 45 | 2085 | 9255 | 55S7 | 55Si8 | 56Si7 | - |
| | P1.1.Z.AN | 02.2 | - | - | - | - | 2090 | 9255 | 55S7 | - | - | - |
| | P1.2.Z.AN | 01.2 | C35 | 1.0501 | 060A35 | - | 1550 | 1035 | CC35 | C35 | F.113 | - |
| | P1.2.Z.AN | 01.2 | C45 | 1.0503 | 080M46 | - | 1650 | 1045 | CC45 | C45 | F.114 | - |
| | P1.2.Z.AN | 01.2 | 40Mn4 | 1.1157 | 150M36 | 15 | - | 1039 | 35M5 | - | - | - |
| | P1.2.Z.AN | 01.2 | 36Mn5 | 1.1167 | - | - | 2120 | 1335 | 40M5 | - | 36Mn5 | SMn438(H) |
| | P1.2.Z.AN | 01.2 | 28Mn6 | 1.1170 | 150M28 | 14A | - | 1330 | 20M5 | C28Mn | - | SCMn1 |
| | P1.2.Z.AN | 01.2 | C35G | 1.1183 | 060A35 | - | 1572 | 1035 | XC38TS | C36 | - | S35C |
| | P1.2.Z.AN | 01.2 | C45E | 1.1191 | 080M46 | - | 1672 | 1045 | XC42 | C45 | C45K | S45C |
| | P1.2.Z.AN | 01.2 | C53G | 1.1213 | 060A52 | - | 1674 | 1050 | XC48TS | C53 | - | S50C |
| | P1.2.Z.AN | 01.3 | C55 | 1.0535 | 070M55 | - | 1655 | 1055 | - | C55 | - | - |
| | P1.2.Z.AN | 01.3 | C55E | 1.1203 | 070M55 | - | - | 1055 | XC55 | C50 | C55K | S55C |
| | P1.2.Z.AN | 02.1 | S275J2G3 | 1.0144 | 4360 43C | - | 1412 | A573-81 | E 28-3 | - | - | SM 400A;B;C |
| | P1.2.Z.AN | 02.1 | S355J2G3+C2 | 1.0570 | 4360 50B | - | 2132 | - | E36-3 | Fe52BFN/Fe52CFN | - | SM490A;B;C;YA;YB |
| | P1.2.Z.AN | 02.1 | S355J2G3 | 1.0841 | 150 M 19 | - | 2172 | 5120 | 20 MC 5 | Fe52 | F-431 | - |
| | P1.3.Z.AN | 01.3 | C60E | 1.0601 | 080A62 | 43D | - | 1060 | CC55 | C60 | - | - |
| | P1.3.Z.AN | 01.3 | C60E | 1.1221 | 080A62 | 43D | 1678 | 1060 | XC60 | C60 | - | S58C |
| | P1.3.Z.AN | 01.4 | C101E | 1.1274 | 060 A 96 | - | 1870 | 1095 | XC 100 | - | F-5117 | - |
| | P1.3.Z.AN | 01.4 | C101u | 1.1545 | BW 1A | - | 1880 | W 1 | Y105 | C36KU | F-5118 | SK 3 |
| | P1.3.Z.AN | 01.4 | C105W1 | - | BW2 | - | 2900 | W210 | Y120 | C120KU | F.515 | SUP4 |
| | P1.3.Z.AN | 02.1 | S340 MGC | 1.0961 | - | - | - | 9262 | 60SC7 | 60SiCr8 | 60SiCr8 | - |
| | P1.4.Z.AN | 01.1 | 11SMn30 | 1.0715 | 230M07 | - | 1912 | 1213 | S250 | CF9SMn28 | 11SMn28 | SUM22 |
| | P1.4.Z.AN | 01.1 | 11SMnPb30 | 1.0718 | - | - | 1914 | 12L13 | S250Pb | CF9SMnPb28 | 11SMnPb28 | SUM22L |
| | P1.4.Z.AN | 01.1 | 10SPb20 | 1.0722 | - | - | - | - | 10PbF2 | CF10SPb20 | 10SPb20 | - |
| | P1.4.Z.AN | 01.1 | 11SMn37 | 1.0736 | 240M07 | 1B | - | 1215 | S 300 | CF9SMn36 | 12SMn35 | - |
| | P1.4.Z.AN | 01.1 | 11SMnPb37 | 1.0737 | - | - | 1926 | 12L14 | S300Pb | CF9SMnPb36 | 12SMnP35 | - |
| | P1.4.Z.AN | 01.2 | 35S20 | 1.0726 | 212M36 | 8M | 1957 | 1140 | 35MF4 | - | F210G | - |
| | P1.5.C.UT | 01.1 | GC16E | 1.1142 | 030A04 | 1A | 1325 | 1115 | - | - | - | - |
| Stal | Stal niskostopowa | | | | | | | | | | | |
| | P2.1.Z.AN | 02.1 | 16Mo3 | 1.5415 | 1501-240 | - | 2912 | A204Gr.A | 15D3 | 16Mo3KW | 16Mo3 | - |
| | P2.1.Z.AN | 02.1 | 14Ni6 | 1.5622 | - | - | - | A350LF5 | 16N6 | 14Ni6 | 15Ni6 | - |
| | P2.1.Z.AN | 02.1 | 21NiCrMo2 | 1.6523 | 805M20 | 362 | 2506 | 8620 | 20NCD2 | 20NiCrMo2 | 20NiCrMo2 | SNCM220(H) |
| | P2.1.Z.AN | 02.1 | 17CrNiMo6 | 1.6587 | 820A16 | - | - | - | 18NCD6 | - | 14NiCrMo13 | - |
| | P2.1.Z.AN | 02.1 | 15Cr3 | 1.7015 | 523M15 | - | - | 5015 | 12C3 | - | - | SCR415(H) |
| | P2.1.Z.AN | 02.1 | 55Cr3 | 1.7176 | 527A60 | 48 | - | 5155 | 55C3 | - | - | SUP9(A) |
| | P2.1.Z.AN | 02.1 | 15CrMo5 | 1.7262 | - | - | 2216 | - | 12CD4 | - | 12CrMo4 | SCM415(H) |
| | P2.1.Z.AN | 02.1 | 13CrMo4-5 | 1.7335 | 1501-620Gr27 | - | - | A182 F11;F12 | 15CD3.5 | 14CrMo4 5 | 14CrMo45 | - |
| | | | | | | | | | 15CD4.5 | | | |
| | P2.1.Z.AN | 02.1 | 10CrMo9 10 | 1.7380 | 1501-622 Gr.31;45 | - | 2218 | A182 F.22 | 12CD9, 10 | 12CrMo9, 10 | TU.H | - |
| | P2.1.Z.AN | 02.1 | 14MoV6 3 | 1.7715 | 1503-660-440 | - | - | - | - | - | 13MoCrV6 | - |
| | P2.1.Z.AN | 02.1 | 50CoMo4 | 1.7228 | 823M30 | 33 | 2512 | - | - | 653M31 | - | - |
| | P2.1.Z.AN | 02.2 | 14NiCr10 | 1.5732 | - | - | - | 3415 | 14NC11 | 16NiCr11 | 15NiCr11 | SNC415(H) |
| | P2.1.Z.AN | 02.2 | 14NiCr14 | 1.5752 | 655M13; A12 | 36A | - | 3415;3310 | 12NC15 | - | - | SNC815(H) |
| | P2.1.Z.AN | 02.1/02.2 | 16MnCr5 | 1.7131 | (527M20) | - | 2511 | 5115 | 16MC5 | 16MnCr5 | 16MnCr5 | - |
| | P2.1.Z.AN | 02.1/02.2 | 34CrMo4 | 1.7220 | 708A37 | 19B | 2234 | 4137;4135 | 35CD4 | 35CrMo4 | 34CrMo4 | SCM432;SCCRM3 |
| | P2.1.Z.AN | 02.1/02.2 | 41CrMo4 | 1.7223 | 708M40 | 19A | 2244 | 4140;4142 | 42CD4TS | 41CrMo4 | 42CrMo4 | SCM 440 |
| | P2.1.Z.AN | 02.1/02.2 | 42CrMo4 | 1.7225 | 708M40 | 19A | 2244 | 4140 | 42CD4 | 42CrMo4 | 42CrMo4 | SCM440(H) |
| | P2.1.Z.AN | 03.11 | 14NiCrMo134 | 1.6657 | 832M13 | 36C | - | - | - | 15NiCrMo13 | 14NiCrMo131 | - |
| | P2.2.Z.AN | 02.1 | 31CrMo12 | 1.8515 | 722 M 24 | - | 2240 | - | 30 CD 12 | 30CrMo12 | F-1712 | - |
| | P2.2.Z.AN | 02.1 | 39CrMoV13 9 | 1.8523 | 897M39 | 40C | - | - | - | 36CrMoV12 | - | - |
| | P2.2.Z.AN | 02.1 | 41CrS4 | 1.7039 | 524A14 | - | 2092 | L1 | - | 105WCR 5 | - | - |
| | P2.2.Z.AN | 02.1 | 50NiCr13 | 1.2721 | - | - | 2550 | L6 | 55NCV6 | - | F-528 | - |
| | P2.2.Z.AN | 03.11 | 45WCrV7 | 1.2542 | BS1 | - | 2710 | S1 | - | 45WCrV8KU | 45WCrSi8 | - |
| | P2.2.Z.AN/P2.5.Z.HT | 02.1/02.2 | 36CrNiMo4 | 1.6511 | 816M40 | 110 | - | 9840 | 40NCD3 | 38NiCrMo4(KB) | 35NiCrMo4 | - |
| | P2.2.Z.AN/P2.5.Z.HT | 02.1/02.2 | 34CrNiMo6 | 1.6582 | 817M40 | 24 | 2541 | 4340 | 35NCD6 | 35NiCrMo6(KB) | - | - |
| | P2.2.Z.AN/P2.5.Z.HT | 02.1/02.2 | 34Cr4 | 1.7033 | 530A32 | 18B | - | 5132 | 32C4 | 34Cr4(KB) | 35Cr4 | SCR430(H) |
| | P2.2.Z.AN/P2.5.Z.HT | 02.1/02.2 | 41Cr4 | 1.7035 | 530A40 | 18 | - | 5140 | 42C4 | 41Cr4 | 42Cr4 | SCR440(H) |
| | P2.2.Z.AN/P2.5.Z.HT | 02.1/02.2 | 32CrMo12 | 1.7361 | 722M24 | 40B | 2240 | - | 30CD12 | 32CrMo12 | F.124.A | - |
| | P2.2.Z.AN/P2.5.Z.HT | 02.1/02.2 | 51CrV4 | 1.8159 | 735A50 | 47 | 2230 | 6150 | 50CV4 | 50CrV4 | 51CrV4 | SUP10 |
| | P2.2.Z.AN/P2.5.Z.HT | 02.1/02.2 | 41CrAlMo7 | 1.8509 | 905M39 | 41B | 2940 | - | 40CAD6, 12 | 41CrAlMo7 | 41CrAlMo7 | - |
| | P2.3.Z.AN | 02.1 | 100Cr6 | 1.3505 | 534A99 | 31 | 2258 | 52100 | 100C6 | 100Cr6 | F.131 | SUJ2 |

Wykaz odpowiedników materiałowych

| ISO | MC | CMC | Kraj | | | | | | | | | |
|--|---------------------|-------------|----------------|---------------|---|------|---------|---------------|---------------|-------------------------------|-------------|---------------|
| | | | Europa | Niemcy | Wielka Brytania | | Szwecja | USA | Francja | Włochy | Hiszpania | Japonia |
| | | | Norma | | | | | | | | | |
| | | | DIN EN | W.-nr. | BS | EN | SS | AISI/SAE/ASTM | AFNOR | UNI | UNE | JIS |
| P | P2.3.Z.AN/H1.2.Z.HA | 02.1/02.2 | 105WCr6 | 1.2419 | - | - | 2140 | - | 105WC13 | 10WCr6 | 105WCr5 | SKS31 |
| | P2.3.Z.AN/H1.2.Z.HA | - | - | - | - | - | - | - | - | 107WCr5KU | - | SKS2, SKS3 |
| | P2.3.Z.AN/H1.2.Z.HA | 02.1/02.2 | - | 1.2714 | - | - | - | L6 | 55NCDV7 | - | F.520.S | SKT4 |
| | P2.3.Z.AN/H1.3.Z.HA | 02.1/02.2 | 100Cr6 | 1.2067 | BL3 | - | - | L3 | Y100C6 | - | 100Cr6 | - |
| | P2.4.Z.AN | 02.1 | 16MnCr5 | 1.7139 | - | - | 2127 | - | - | - | - | - |
| | P2.5.Z.HT | 02.1 | 16Mo5 | 1.5423 | 1503-245-420 | - | - | 4520 | - | 16Mo5 | 16Mo5 | - |
| | P2.5.Z.HT | 02.1 | 40NiCrMo8-4 | 1.6562 | 311-Type 7 | - | - | 8740 | - | 40NiCrMo2(KB) | 40NiCrMo2 | SNCM240 |
| | P2.5.Z.HT | 02.1 | 42Cr4 | 1.7045 | - | - | 2245 | 5140 | - | - | 42Cr4 | SCr440 |
| | P2.5.Z.HT | 02.1 | 31NiCrMo14 | 1.5755 | 830 M 31 | - | 2534 | - | - | - | F-1270 | - |
| | P2.5.Z.HT | 02.2 | 36NiCr6 | 1.5710 | 640A35 | 111A | - | 3135 | 35NC6 | - | - | SNC236 |
| | P2.6.C.UT | 02.1 | 22Mo4 | 1.5419 | 605A32 | - | 2108 | 8620 | - | - | F520.S | - |
| | P2.6.C.UT | 02.1/02.2 | 25CrMo4 | 1.7218 | 1717CDS110 | - | 2225 | 4130 | 25CD4 | 25CrMo4(KB) | AM26CrMo4 | SCM420;SCM430 |
| | P2.6.C.UT | 06.2 | - | - | - | - | 2223 | - | - | - | - | - |
| Stal wysokostopowa | | | | | | | | | | | | |
| P | P3.0.Z.AN | 03.11 | X210Cr12 | 1.2080 | BD3 | - | - | D3 | Z200C12 | X210Cr13KU X250Cr12KU | X210Cr12 | SKD1 |
| | P3.0.Z.AN | 03.11 | X43Cr13 | 1.2083 | - | - | 2314 | - | - | - | - | - |
| | P3.0.Z.AN | 03.11 | X40CrMoV5 1 | 1.2344 | BH13 | - | 2242 | H13 | Z40CDV5 | X35CrMoV05KU X40CrMoV511KU | X40CrMoV5 | SKD61 |
| | P3.0.Z.AN | 03.11 | X100CrMoV5 1 | 1.2363 | BA2 | - | 2260 | A2 | Z100CDV5 | X100CrMoV51KU | X100CrMoV5 | SKD12 |
| | P3.0.Z.AN | 03.11 | X210CrW12 | 1.2436 | - | - | 2312 | - | - | X215CrW12 1KU | X210CrW12 | SKD2 |
| | P3.0.Z.AN | 03.11 | X30WCrV9 3 | 1.2581 | BH21 | - | - | H21 | Z30WCV9 | X28W09KU X30WCrV9 3KU | X30WCrV9 | SKD5 |
| | P3.0.Z.AN | 03.11 | X165CrMoV 12 | 1.2601 | - | - | 2310 | - | - | X165CrMoW12KU | X160CrMoV12 | - |
| | P3.0.Z.AN | 03.21 | X155CrMoV12-1 | 1.2379 | - | - | 2736 | HNv3 | - | - | - | - |
| | P3.0.Z.HT | 03.11 | X8Ni9 | 1.5662 | 1501-509;510 | - | - | ASTM A353 | - | X10Ni9 | XBNI09 | - |
| | P3.0.Z.HT | 03.11 | 12Ni19 | 1.5680 | - | - | - | 2515 | Z18N5 | - | - | - |
| | P3.1.Z.AN | 03.11 | S6-5-2 | 1.3343 | 4959BA2 | - | 2715 | D3 | Z40CSD10 | 15NiCrMo13 | - | SUH3 |
| | P3.1.Z.AN | 03.13 | - | - | BM 2 | - | 2722 | M 2 | Z85WDCV | HS 6-5-2-2 | F-5603. | SKH 51 |
| | P3.1.Z.AN | 03.13 | HS 6-5-2-5 | 1.3243 | BM 35 | - | 2723 | M 35 | 6-5-2-5 | HS 6-5-2-5 | F-5613 | SKH 55 |
| | P3.1.Z.AN | 03.13 | HS 2-9-2 | 1.3348 | - | - | 2782 | M 7 | - | HS 2-9-2 | F-5607 | - |
| | P3.2.C.AQ | 06.33 | G-X120Mn12 | 1.3401 | Z120M12 | - | 2183 | L3 | Z120M12 | XG120Mn12 | X120Mn12 | SCMnH/1 |
| Ferytyczna/ martenzytyczna stal nierdzewna | | | | | | | | | | | | |
| Stal | P5.0.Z.AN | 05.11/15.11 | X10CrAl13 | 1.4724 | 403S17 | - | - | 405 | Z10C13 | X10CrAl12 | F.311 | SUS405 |
| | P5.0.Z.AN | 05.11/15.11 | X10CrAl18 | 1.4742 | 430S15 | 60 | - | 430 | Z10CAS18 | X8Cr17 | F.3113 | SUS430 |
| | P5.0.Z.AN | 05.11/15.11 | X10CrAl2-4 | 1.4762 | - | - | 2322 | 446 | Z10CAS24 | X16Cr26 | - | SUH446 |
| | P5.0.Z.AN | 05.11/15.11 | X1CrMoTi18-2 | 1.4521 | - | - | 2326 | S44400 | - | - | - | - |
| | P5.0.Z.AN/P5.0.Z.HT | 05.11/15.11 | X6Cr13 | 1.4000 | 403S17 | - | 2301 | 403 | Z6C13 | X6Cr13 | F.3110 | SUS403 |
| | P5.0.Z.AN/P5.0.Z.HT | - | X7Cr14 | 1.4001 | - | - | - | - | - | - | F.8401 | - |
| | P5.0.Z.AN/P5.0.Z.HT | 05.11/15.11 | X10Cr13 | 1.4006 | 410S21 | 56A | 2302 | 410 | Z10C14 | X12Cr13 | F.3401 | SUS410 |
| | P5.0.Z.AN/P5.0.Z.HT | 05.11/15.11 | X6Cr17 | 1.4016 | 430S15 | 960 | 2320 | 430 | Z8C17 | X8Cr17 | F3113 | SUS430 |
| | P5.0.Z.AN/P5.0.Z.HT | 05.11/15.11 | X6CrAl13 | 1.4002 | 405S17 | - | - | 405 | Z8CA12 | X6CrAl13 | - | - |
| | P5.0.Z.AN/P5.0.Z.HT | 05.11/15.11 | X20Cr13 | 1.4021 | 420S37 | - | 2303 | 420 | Z20C13 | X20Cr13 | - | - |
| | P5.0.Z.AN/P5.0.Z.HT | 05.11/15.11 | X6CrMo17-1 | 1.4113 | 434S17 | - | 2325 | 434 | Z8CD17.01 | X8CrMo17 | - | SUS434 |
| | P5.0.Z.HT | 03.11 | X45CrS9-3-1 | 1.4718 | 401S45 | 52 | - | HW3 | Z45CS9 | X45GrSi8 | F322 | SUH1 |
| | P5.0.Z.HT | 05.11/15.11 | X85CrMoV18-2 | 1.4748 | 443S65 | 59 | - | HNv6 | Z80CSN20.02 | X80CrSiNi20 | F.320B | SUH4 |
| | P5.0.Z.HT | 05.11/15.11 | X20CrMoV12-1 | 1.4922 | - | - | 2317 | - | - | X20CrMoNi 12 01 | - | - |
| | P5.0.Z.PH | 05.11/15.11 | X12CrS13 | 1.4005 | 416 S 21 | - | 2380 | 416 | Z11CF13 | X12 CrS 13 | F-3411 | SUS 416 |
| | P5.0.Z.PH | 05.11/15.11 | X46Cr13 | 1.4034 | 420S45 | 56D | 2304 | - | Z40CM | X40Cr14 | F.3405 | SUS420J2 |
| | P5.0.Z.PH | 05.11/15.11 | X19CrNi17-2 | 1.4057 | 431S29 | 57 | 2321 | 431 | Z15CNI6.02 | X16CrNi16 | F.3427 | SUS431 |
| | P5.0.Z.PH | 05.12/15.12 | X5CrNiCuNb16-4 | 1.4542 1.4548 | - | - | - | 630 | Z7CNU17-04 | - | - | - |
| | P5.0.Z.PH | 15.21 | X4 CrNiMo16-5 | 1.4418 | - | - | 2387 | - | Z6CND16-04-01 | - | - | - |
| | P5.1.Z.AN/P5.0.Z.HT | 05.11/15.11 | X14CrMoS17 | 1.4104 | - | - | 2383 | 430F | Z10CF17 | X10CrS17 | F.3117 | SUS430F |
| P | P2.1.Z.AN | 02.1 | | | Nazwy handlowe | | | | | | | |
| | P2.2.Z.AN | 02.1 | | 1.0045 | OVAKO 520M (Ovako Steel) | | | | | | | |
| | P2.2.Z.AN | 02.1 | | | FORMAX (Uddeholm Tooling) | | | | | | | |
| | P2.5.Z.HT | 02.2 | | | IMACRO NIT (Imatra Steel) | | | | | | | |
| | P1.2.Z.AN | | | | INEXA 482 (XM) (Inexa Profil) | | | | | | | |
| | P1.2.Z.AN | | | | S355J2G3(XM) | | | | | | | |
| | P1.2.Z.AN | | | | C45(XM) | | | | | | | |
| | P1.2.Z.AN | | | | 16MnCrS5(XM) | | | | | | | |
| | P2.5.Z.HT | | | | INEXA280(XM) | | | | | | | |
| | P2.5.Z.HT | 02.2 | | | 070M20(XM) | | | | | | | |
| | P2.5.Z.HT | 02.2 | | | HARDOX 500 (SSAB – Swedish Steel Corp.) | | | | | | | |
| | P2.5.Z.HT | | | | WELDUX 700 (SSAB – Swedish Steel Corp.) | | | | | | | |

Wykaz odpowiedników materiałowych

| ISO | MC | CMC | Kraj | | | | | | | | | |
|-----------|--|-------------|---------------------------------|---------------|---------------------------------|-----|------------|---------------|-----------------------|-----------------|---------------|----------------|
| | | | Europa | Niemcy | Wielka Brytania | | Szwecja | USA | Francja | Włochy | Hiszpania | Japonia |
| | | | Norma | | | | | | | | | |
| | | | DIN EN | W.-nr. | BS | EN | SS | AISI/SAE/ASTM | AFNOR | UNI | UNE | JIS |
| M | Stal nierdzewna austenityczna | | | | | | | | | | | |
| | M1.0.Z.AQ | 05.11/15.11 | X3CrNiMo13-4 | 1.4313 | 425C11 | - | 2385 | CA6-NM | Z4CND13.4M Z38C13M | (G)X6CrNi304 | - | SCS5 |
| | M1.0.Z.AQ/M1.0.C.UT | 05.11/15.11 | X53CrMnNiN21-9 | 1.4871 | 349S54 | - | - | EV8 | Z52CMN21.09 | X53CrMnNiN21 9 | - | SUH35, SUH36 |
| | M1.0.Z.AQ/M1.0.C.UT | 05.21/15.21 | X2CrNiN18-10 | 1.4311 | 304S62 | - | 2371 | 304LN | Z2CN18.10 | - | - | SUS304LN |
| | M1.0.Z.AQ/M1.0.C.UT | 05.21/15.21 | X2CrNiMoN17-13-3 | 1.4429 | - | - | 2375 | 316LN | Z2CND17.13 | - | - | SUS316LN |
| | M1.0.Z.AQ/M1.0.C.UT | 05.21/15.21 | X2CrNiMo17-12-2 | 1.4404 | 316S13 | - | 2348 | 316L | Z2CND17-12 | X2CrNiMo1712 | - | - |
| | M1.0.Z.AQ/M1.0.C.UT | 05.21/15.21 | X2CrNiMo18-14-3 | 1.4435 | 316S13 | - | 2353 | 316L | Z2CND17.12 | X2CrNiMo17 12 | - | SCS16, SUS316L |
| | M1.0.Z.AQ/M1.0.C.UT | 05.21/15.21 | X3CrNiMo17-3-3 | 1.4436 | 316S33 | - | 2343, 2347 | 316 | Z6CND18-12-03 | X8CrNiMo1713 | - | - |
| | M1.0.Z.AQ/M1.0.C.UT | 05.21/15.21 | X2CrNiMo18-15-4 | 1.4438 | 317S12 | - | 2367 | 317L | Z2CND19.15 | X2CrNiMo18 16 | - | SUS317L |
| | M1.0.Z.AQ/M1.0.C.UT | 05.21/15.21 | X6CrNiNb18-10 | 1.4550 | 347S17 | 58F | 2338 | 347 | Z6CNNb18.10 | X6CrNiNb18 11 | F.3552 F.3524 | SUS347 |
| | M1.0.Z.AQ/M1.0.C.UT | 05.21/15.21 | X6CrNiMoTi17-12-2 | 1.4571 | 320S17 | 58J | 2350 | 316Ti | Z6NDT17.12 | X6CrNiMoTi17 12 | F.3535 | - |
| | M1.0.Z.AQ/M1.0.C.UT | 05.21/15.21 | X10CrNiMoNb 18-12 | 1.4583 | - | - | - | 318 | Z6CNDNb17 13B | X6CrNiMoNb17 13 | - | - |
| | M1.0.Z.AQ/M1.0.C.UT | 05.21/15.21 | X15CrNiSi20-12 | 1.4828 | 309S24 | - | - | 309 | Z15CNS20.12 | - | - | SUH309 |
| | M1.0.Z.AQ/M1.0.C.UT | 05.21/15.21 | X2CrNiMoN17-11-2 | 1.4406 | 301S21 | 58C | 2370 | 308 | Z1NCDDU25.20 | - | F.8414 | SCS17 |
| | M1.0.Z.AQ | 05.21/15.21 | X1CrNiMoCuN20-18-7 | 1.4547 | - | - | 2378 | S31254 | Z1CNDU20-18-06AZ | - | - | - |
| | M1.0.Z.AQ/M1.0.C.UT | 05.21/15.21 | X9CrNi18-8 | 1.4310 | - | - | 2331 | 301 | Z12CN17.07 | X12CrNi17 07 | F.3517 | SUS301 |
| | M1.0.Z.PH | 05.22/15.22 | X7CrNiAl17-7 | 1.4568 1.4504 | 316S111 | - | - | 17-7PH | Z8CNA17-07 | X2CrNiMo1712 | - | - |
| | M1.0.Z.AQ/M1.0.C.UT | 05.21/15.21 | X2CrNi19-11 | 1.4306 | 304S11 | - | 2352 | 304L | Z2CN18-10 | X2CrNi18 11 | - | - |
| | | | | | 304S12 | | | | | | | |
| | M1.1.Z.AQ | 05.21/15.21 | - | - | 304S31 | 58E | 2332, 2333 | 304 | Z6CN18.09 | X5CrNi18 10 | F.3504 F.3541 | SUS304 |
| | M1.1.Z.AQ | 05.21/15.21 | X5CrNi18-10 | 1.4301 | 304S15 | 58E | 2332 | 304 | Z6CN18.09 | X5CrNi18 10 | F.3551 | SUS304 |
| | M1.1.Z.AQ | 05.21/15.21 | X5CrNiMo17-2-2 | 1.4401 | 316S16 | 58J | 2347 | 316 | Z6CND17.11 | X5CrNiMo17 12 | F.3543 | SUS316 |
| | M1.1.Z.AQ | 05.21/15.21 | X6CrNiTi18-10 | 1.4541 | 321S12 | 58B | 2337 | 321 | Z6CNT18.10 | X6CrNiTi18 11 | F.3553 F.3523 | SUS321 |
| | M1.2.Z.AQ | 05.21/15.21 | X8CrNiS18-9 | 1.4305 | 303S21 | 58M | 2346 | 303 | Z10CNF 18.09 | X10CrNiS 18.09 | F.3508 | SUS303 |
| | Stal nierdzewna superaustenityczna (Ni>20%) | | | | | | | | | | | |
| | M2.0.C.AQ | 20.11 | G-X40NiCrSi36-18 | 1.4865 | 330C11 | - | - | - | - | XG50NiCr39 19 | - | SCH15 |
| | M2.0.Z.AQ | 05.21/15.21 | X1NiCrMoCu25-20-5 | 1.4539 | - | - | 2562 | UNS V 0890A | Z2 NCDU25-20 | - | - | - |
| | M2.0.Z.AQ | 05.21/15.21 | X8CrNi25-21 | 1.4845 | 310S24 | - | 2361 | 310S | Z12CN25 20 | X6CrNi25 20 | F.331 | SUH310 |
| | M2.0.Z.AQ | 20.11 | X12NiCrSi36 16 | 1.4864 | - | - | - | 330 | Z12NCS35.16 | F-3313 | - | SUH330 |
| | M2.0.Z.AQ | 05.23/15.23 | X1NiCrMoCu31-27-4 | 1.4563 | - | - | 2584 | NO8028 | Z1NCDU31-27-03 | - | - | - |
| | Stal nierdzewna duplex (ferrytyczno-austenityczna) | | | | | | | | | | | |
| | M3.1.Z.AQ/M3.1.C.AQ | 05.51/15.51 | X2CrNiN23-4 | 1.4362 | - | - | 2376 | S31500 | - | - | - | - |
| | M3.1.Z.AQ/M3.1.C.AQ | 05.51/15.51 | X8CrNiMo27-5 | - | - | - | 2324 | S32900 | - | - | - | - |
| | M3.2.Z.AQ/M3.2.C.AQ | 05.52/15.52 | X2CrNiN23-4 | - | - | - | 2327 | S32304 | Z2CN23-04AZ | - | - | - |
| | M3.2.Z.AQ/M3.2.C.AQ | 05.52/15.52 | - | - | - | - | 2328 | - | - | - | - | - |
| | M3.2.Z.AQ/M3.2.C.AQ | 05.52/15.52 | X2CrNiMoN22-53 | - | - | - | 2377 | S31803 | Z2CND22-05-03 | - | - | - |
| | Nazwy handlowe | | | | | | | | | | | |
| | M1.1.Z.AQ | 05.21/15.21 | | 1.0045 | SANMAC 304 (Sandvik Steel) | | | | | | | |
| | M1.1.Z.AQ | 05.21/15.21 | | | SANMAC 304L (Sandvik Steel) | | | | | | | |
| | M1.1.Z.AQ | 05.21/15.21 | | | SANMAC 316 (Sandvik Steel) | | | | | | | |
| | M1.1.Z.AQ | 05.21/15.21 | | | SANMAC 316L (Sandvik Steel) | | | | | | | |
| | M1.0.Z.AQ | 05.23/15.23 | | | 254 SMO | | | | | | | |
| | M2.0.Z.AQ | 05.23/15.23 | | | 654 SMO | | | | | | | |
| | M3.2.Z.AQ | 05.52/15.52 | | | SANMAC SAF 2205 (Sandvik Steel) | | | | | | | |
| M3.2.Z.AQ | 05.52/15.52 | | SANMAC SAF 2507 (Sandvik Steel) | | | | | | | | | |

B

C

D

E

Wykaz odpowiedników materiałowych

| ISO | MC | CMC | Kraj | | | | | | | | | |
|--|--------------------|---------------|-------------------|---------------|-----------------|------------|-----------------|---------------|------------|------------|-----------|-----------|
| | | | Europa | Niemcy | Wielka Brytania | Szwecja | USA | Francja | Włochy | Hiszpania | Japonia | |
| | | | Norma | | | | | | | | | |
| | | | DIN EN | W.-nr. | BS | EN | SS | AISI/SAE/ASTM | AFNOR | UNI | UNE | JIS |
| K | Żeliwo ciągliwe | | | | | | | | | | | |
| | K1.1.C.NS | 07.1 | - | - | 8 290/6 | - | 0814 | - | MN 32-8 | - | - | FCMB310 |
| | K1.1.C.NS | 07.1 | EN-GJMB350-10 | 0.8135 | B 340/12 | - | 0815 | 32510 | MN 35-10 | - | - | FCMW330 |
| | K1.1.C.NS | 07.2 | EN-GJMB450-6 | 0.8145 | P 440/7 | - | 0852 | 40010 | Mn 450 | GMN 45 | - | FCMW370 |
| | K1.1.C.NS | 07.2 | EN-GJMB550-4 | 0.8155 | P 510/4 | - | 0854 | 50005 | MP 50-5 | GMN 55 | - | FCMP490 |
| | | | | | P 570/3 | | 0858 | 70003 | MP 60-3 | | | FCMP540 |
| | K1.1.C.NS | 07.2 | EN-GJMB650-2 | 0.8165 | P570/3 | - | 0856 | A220-70003 | Mn 650-3 | GMN 65 | - | FCMP590 |
| | K1.1.C.NS | 07.3 | EN-GJMB700-2 | 0.8170 | P690/2 | - | 0862 | A220-80002 | Mn700-2 | GMN 70 | - | FCMP690 |
| | Żeliwo szare | | | | | | | | | | | |
| | K2.1.C.UT | 08.1 | - | - | - | - | 0100 | - | - | - | - | - |
| | K2.1.C.UT | 08.1 | EN-GJL-100 | 0.6010 | - | - | 0110 | No 20 B | Ft 10 D | - | - | FC100 |
| | K2.1.C.UT | 08.1 | EN-GJL-150 | 0.6015 | Grade 150 | - | 0115 | No 25 B | Ft 15 D | G 15 | FG 15 | FC150 |
| | K2.1.C.UT | 08.1 | EN-GJL-200 | 0.6020 | Grade 220 | - | 0120 | No 30 B | Ft 20 D | G 20 | - | FC200 |
| | K2.1.C.UT | 08.2 | EN-GJL-250 | 0.6025 | Grade 260 | - | 0125 | No 35 B | Ft 25 D | G 25 | FG 25 | FC250 |
| | K2.1.C.UT | 08.2 | EN-JLZ | 0.6040 | Grade 400 | - | 0140 | No 55 B | Ft 40 D | - | - | - |
| | K2.2.C.UT | 08.2 | EN-GJL-300 | 0.6030 | Grade 300 | - | 0130 | No 45 B | Ft 30 D | G 30 | FG 30 | FC300 |
| | K2.2.C.UT | 08.2 | EN-GJL-350 | 0.6035 | Grade 350 | - | 0135 | No 50 B | Ft 35 D | G 35 | FG 35 | FC350 |
| | K2.3.C.UT | 08.3 | GGL-NiCr20-2 | 0.6660 | L-NiCuCr202 | - | 0523 | A436 Type 2 | L-NC 202 | - | - | - |
| | Żeliwo sferoidalne | | | | | | | | | | | |
| | Żeliwo | K3.1.C.UT | 09.1 | EN-GJS-400-15 | 0.7040 | SNG 420/12 | - | 0717-02 | 60-40-18 | FCS 400-12 | GS 370-17 | FGE 38-17 |
| K3.1.C.UT | | 09.1 | EN-GJS-400-18-LT | 0.7043 | SNG 370/17 | - | 0717-12 | - | FGS 370-17 | - | - | - |
| K3.1.C.UT | | 09.1 | EN-GJS-350-22-LT | 0.7033 | - | - | 0717-15 | - | - | - | - | - |
| K3.1.C.UT | | 09.1 | EN-GJS-800-7 | 0.7050 | SNG 500/7 | - | 0727 | 80-55-06 | FGS 500-7 | GS 500 | FGE 50-7 | FCD500 |
| K3.2.C.UT | | 09.2 | EN-GJS-600-3 | 0.7060 | SNG 600/3 | - | 0732-03 | - | FGS 600-3 | - | - | FCD600 |
| K3.3.C.UT | | 09.2 | EN-GJS-700-2 | 0.7070 | SNG 700/2 | - | 0737-01 | 100-70-03 | FGS 700-2 | GS 700-2 | FGS 70-2 | FCD700 |
| K3.5.C.UT | | - | EN-GJSA-XNiCr20-2 | 0.7660 | Grade S6 | - | 0776 | A43D2 | S-NC 202 | - | - | - |
| Żeliwo o zwartym graficie (CGI) | | | | | | | | | | | | |
| K4.1.C.UT | - | EN-GJV-300 | | | | | | | | | | |
| K4.1.C.UT | - | EN-GJV-350 | | | | | | | | | | |
| K4.2.C.UT | - | EN-GJV-400 | | | | | | | | | | |
| K4.2.C.UT | - | EN-GJV-450 | | | | | | | | | | |
| K4.2.C.UT | - | EN-GJV-500 | | | | | | | | | | |
| Żeliwo sferoidalne hartowane izotermicznie (ADI) | | | | | | | | | | | | |
| K5.1.C.NS | - | EN-GJS-800-8 | - | - | - | - | ASTM A897 No. 1 | - | - | - | - | |
| K5.1.C.NS | - | EN-GJS-1000-5 | - | - | - | - | ASTM A897 No. 2 | - | - | - | - | |
| K5.2.C.NS | - | EN-GJS-1200-2 | - | - | - | - | ASTM A897 No. 3 | - | - | - | - | |
| K5.2.C.NS | - | EN-GJS-1400-1 | - | - | - | - | ASTM A897 No. 4 | - | - | - | - | |
| K5.3.C.NS | - | - | - | - | - | - | ASTM A897 No. 5 | - | - | - | - | |

Wykaz odpowiedników materiałowych

| ISO | MC | CMC | Kraj | | | | | | | | | | |
|-----------|------------------------|---------------------|------------------------|-----------------------|-----------------|------|---------|---------------|------------|--------|-----------|---------|--|
| | | | Europa | Niemcy | Wielka Brytania | | Szwecja | USA | Francja | Włochy | Hiszpania | Japonia | |
| | | | Norma | | | | | | | | | | |
| | | | DIN EN | W.-nr. | BS | EN | SS | AISI/SAE/ASTM | AFNOR | UNI | UNE | JIS | |
| N | Stopy aluminium | | | | | | | | | | | | |
| | N1.3.C.AG | 30.21 | G-AISI9MGWA | 3.2373 | - | - | 4251 | SC64D | A-S7G | - | - | C4BS | |
| | N1.3.C.UT | 30.21 | G-ALMG5 | - | LM5 | - | 4252 | GD-AISI12 | A-SU12 | - | - | AC4A | |
| | N1.3.C.UT/N1.3.C.AG | 30.21/30.22 | - | - | LM25 | - | 4244 | 356.1 | - | - | - | A5052 | |
| | N1.3.C.UT | - | GD-AISI12 | - | - | - | 4247 | A413.0 | - | - | - | A6061 | |
| | N1.3.C.AG | - | GD-AISI8Cu3 | - | LM24 | - | 4250 | A380.1 | - | - | - | A7075 | |
| | N1.3.C.UT | - | G-AISI12(Cu) | - | LM20 | - | 4260 | A413.1 | - | - | - | ADC12 | |
| | N1.3.C.UT | - | G-AISI12 | - | LM6 | - | 4261 | A413.2 | - | - | - | - | |
| N1.3.C.AG | - | G-AISI10Mg(Cu) | - | LM9 | - | 4253 | A360.2 | - | - | - | - | | |
| S | Stopy na bazie niklu | | | | | | | | | | | | |
| | S2.0.Z.AG | 20.22 | S-NiCr13A16MoNb | LW2 4670 | mar-46 | - | - | 5391 | NC12AD | - | - | - | |
| | S2.0.C.UT | 20.24 | NiCo15Cr10MoAlTi | LW2 4674 | - | - | - | AMS 5397 | - | - | - | - | |
| | S2.0.Z.AG | 20.22 | NiFe35Cr14MoTi | LW2.4662 | - | - | - | 5660 | ZSNCDT42 | - | - | - | |
| | S2.0.Z.AG | 20.22 | NiCr19Fe19NbMo | LW2.4668 | HR8 | - | - | 5383 | NC19eNB | - | - | - | |
| | S2.0.Z.AG | 20.22 | NiCr20TiAk | 2.4631 | Hr401.601 | - | - | - | NC20TA | - | - | - | |
| | S2.0.Z.AG | 20.22 | NiCr19Co11MoTi | 2.4973 | - | - | - | AMS 5399 | NC19KDT | - | - | - | |
| | S2.0.Z.AG | 20.22 | NiCr19Fe19NbMo | LW2.4668 | - | - | - | AMS 5544 | NC20K14 | - | - | - | |
| | S2.0.Z.AN | 20.21 | - | 2.4603 | - | - | - | 5390A | NC22FeD | - | - | - | |
| | S2.0.Z.AN | 20.21 | NiCr22Mo9Nb | 2.4856 | - | - | - | 5666 | NC22FeDNB | - | - | - | |
| | S2.0.Z.AN | 20.21 | NiCr20Ti | 2.4630 | HR5.203-4 | - | - | - | NC20T | - | - | - | |
| | S2.0.Z.AG | 20.22 | NiCu30Al3Ti | 2.4375 | 3072-76 | - | - | 4676 | - | - | - | - | |
| | Stopy na bazie kobaltu | | | | | | | | | | | | |
| | - | - | CoCr20W15Ni | - | - | - | - | 5537C, AMS | KC20WN | - | - | - | |
| | S3.0.Z.AG | 20.32 | CoCr22W14Ni | LW2.4964 | - | - | - | 5772 | KC22WN | - | - | - | |
| | Stopy tytanu | | | | | | | | | | | | |
| | S4.2.Z.AN | 23.22 | TiAl5Sn2.5 | 3.7115.1 | TA14/17 | - | - | UNS R54520 | T-A5E | - | - | - | |
| | S4.2.Z.AN | 23.22 | TiAl6V4 | 3.7165.1 | TA10-13/TA28 | - | - | UNS R56401 | UNS R56400 | - | - | - | |
| | S4.3.Z.AN | 23.22 | TiAl5V5Mo5Cr3 | - | - | - | - | - | T-A6V | - | - | - | |
| | S4.2.Z.AN | 23.22 | TiAl4Mo4Sn4Si0.5 | 3.7185 | - | - | - | - | - | - | - | - | |
| | Superstopy żaroodporne | | | Nazwy handlowe | | | | | | | | | |
| | | S2.0.Z.UT/S2.0.Z.AN | 20.11 | Stopy na bazie żelaza | | | | | | | | | |
| | | | | Incoloy 800 | | | | | | | | | |
| | | S2.0.Z.AN | 20.2 | Stopy na bazie niklu | | | | | | | | | |
| | | S2.0.Z.AN | 20.2 | Haynes 600 | | | | | | | | | |
| | | S2.0.Z.AG | 20.2 | Nimocast PD16 | | | | | | | | | |
| | | S2.0.Z.AG | 20.2 | Nimonic PE 13 | | | | | | | | | |
| | | S2.0.Z.AG | 20.2 | Rene 95 | | | | | | | | | |
| | | S2.0.Z.AN | 20.21 | Hastelloy C | | | | | | | | | |
| | | S2.0.Z.AN | 20.21 | Incoloy 825 | | | | | | | | | |
| | | S2.0.Z.AN | 20.21 | Inconel 600 | | | | | | | | | |
| | | S2.0.Z.AN | 20.21 | Monet 400 | | | | | | | | | |
| | | S2.0.Z.AG | 20.22 | Inconel 700 | | | | | | | | | |
| | | S2.0.Z.AG | S2.0.Z.AG | Inconel 718 | | | | | | | | | |
| | | S2.0.Z.AG | 20.22 | Mar – M 432 | | | | | | | | | |
| | | S2.0.Z.AG | 20.22 | Nimonic 901 | | | | | | | | | |
| | | S2.0.Z.AG | 20.22 | Waspaloy | | | | | | | | | |
| | | S2.0.C.NS | 20.24 | Jessop G 64 | | | | | | | | | |
| | S3.0.Z.AG | 20.3 | Stopy na bazie kobaltu | | | | | | | | | | |
| | S3.0.Z.AG | 20.3 | Air Resist 213 | | | | | | | | | | |
| | | | Jetalloy 209 | | | | | | | | | | |
| H | Materiały hartowane | | | | | | | | | | | | |
| | H1.2.Z.HA | 04.1 | X100CrMo13 | 1.4108 | - | - | 2258 08 | 440A | - | - | - | C4BS | |
| | H1.3.Z.HA | 04.1 | X110CrMoV15 | 1.4111 | - | - | 2534 05 | 610 | - | - | - | AC4A | |
| | H1.2.Z.HA | 04.1 | X65CrMo14 | - | - | - | 2541 06 | 0-2 | - | - | - | AC4A | |

Sposób oznaczania produktów serii CoroMill® Plura

| | | | | | | | | | | | | |
|---|---|---|---|---|---|------|---|-----|---|---|----|------|
| 2 | S | 3 | 4 | 0 | - | 1200 | - | 200 | - | M | A | 1640 |
| 1 | 2 | 3 | 4 | 5 | | 6 | | 7 | 8 | 9 | 10 | 11 |

| | |
|----|--------------------------------|
| 1 | Grupa |
| 1: | Uniwersalne |
| 2: | Zoptymalizowane dla wydajności |

| | |
|----|---|
| 2 | Geometria czoła |
| S: | Czoło proste, z promieniem naroża, ostrze centralne |
| F: | Proste, z promieniem naroża, bez ostrza centralnego |
| P: | Czoło proste, ostrze centralne |
| N: | Czoło proste, bez ostrza centralnego |
| B: | Czoło kuliste |
| C: | Do fazowania |
| H: | Frez do wysokich posuwów |
| U: | Do zaokrąglania krawędzi |
| T: | Do frezowania tocznego |

| | |
|----|--|
| 3 | Kąt pochylenia linii śrubowej rowków wiórowych |
| 0: | 0°<FHA≤15° |
| 1: | 15°<FHA≤25° |
| 2: | 25°<FHA≤35° |
| 3: | 35°<FHA≤45° |
| 4: | 45°<FHA≤55° |
| 5: | 55°<FHA≤65° |

| | |
|----|---|
| 4 | Średnia głębokość skrawania narzędzia (APMX/DC) |
| 0: | 0-0.5 x DC |
| 1: | 0.6-1.0 x DC |
| 2: | 1.1-1.5 x DC |
| 3: | 1.6-2.0 x DC |
| 4: | 2.1-2.5 x DC |
| 5: | 2.6-3.0 x DC |
| 6: | 3.1-3.5 x DC |
| 7: | 3.6-4.0 x DC |
| 8: | 4.1-5.0 x DC |
| 9: | > 5.0 x DC |

| | |
|---|---------------------------------|
| 5 | Cyfra dla rozróżnienia oznaczeń |
|---|---------------------------------|

| | |
|---------------------|-------------------------|
| 6 | Średnica skrawania (DC) |
| Np. 1200 = 12.00 mm | |

| | |
|--------------------------------|--|
| 7 | Promień naroża, faza lub faza z promieniem |
| Np. 200 = Promień naroża 2 mm. | |
| Np. 045 = Faza naroża 45° | |

| | |
|----|-----------------------------------|
| 8 | Chłodziwo |
| - | Bez doprowadzenia chłodziwa |
| C: | Wylot chłodziwa w części walcowej |
| A: | Wylot chłodziwa w osi |

| | |
|----|-------------------------|
| 9 | Grupa materiałów wg ISO |
| P: | ISO P |
| K: | ISO K |
| M: | ISO M |
| S: | ISO S |
| H: | ISO H |
| N: | ISO N |
| O: | ISO O |
| X: | Różne materiały |

| | |
|----|-----------------------|
| 10 | Chwyt |
| A: | Cylindryczny |
| B: | Weldon |
| C: | Cylindryczny z szyjką |
| D: | Weldon z szyjką |
| Y: | iLock |
| F: | iLock z szyjką |
| G: | Podwymiarowy |

| | |
|----|---------|
| 11 | Gatunek |
|----|---------|

Sposób oznaczania gwintowników

| | | | | | | | | |
|-------------|----------|----------|----------|------------|----------|----------|----------|-----------|
| T200 | - | S | D | 100 | D | A | - | M3 |
| 1 | | 2 | 3 | 4 | 5 | 6 | | 7 |

| | | |
|---|--|---|
| 1 Oznaczenie główne | 2 Materiał obrabiany wg ISO <p>P = Stal M = Stal nierdzewna K = Żeliwo S = Superstopy żaroodporne H = Materiał hartowany N = Metale nieżelazne X = Materiał mieszany</p> | 3 Skrawalność materiału obrabianego <p>E = Dobra M = Średnia D = Niska</p> |
| 4 Wyróżnik liczbowy <p>1 0 0</p> <p>Inny numer dla: wzmocnionego lub prostego chwytu różnego nakroju, typu narzędzia, doprowadzenia chłodziwa itd.</p> | 5 Norma <p>D = DIN A = ANSI & DIN/ANSI J = JIS I = ISO</p> | 6 Zarys gwintu <p>A = M B = MF C = MJ D = UN E = UNC F = UNF G = UNEF H = UNJC I = UNJF J = UNS K = G L = NPT M = NPTF N = NPSF O = NPSM P = EGM Q = EGMF R = EGUNC S = EGUNF T = PG U = R V = Rc X = Rp Y = BA Z = EGUNJF</p> |
| 7 Wymiar <p>Skok podawany tylko w razie potrzeby, np. gdy drobnozwojny</p> <p>M3 M10x125 (Wartość skoku zapisana bez separatora dziesiętnego)</p> | | |

CNSC

Oznaczenie typu wlotu chłodziwa

| Ozna- czenie | Opis | Rysunek |
|-----------------|---|---------|
| 0 | Bez wlotu chłodziwa | |
| 1 | Wlot chłodziwa współosiowy | |
| 2 | Wlot chłodziwa promieniowy | |
| 3 | Wlot chłodziwa współosiowy i promieniowy | |
| 4 | Wlot chłodziwa współosiowy po obwodzie | |
| 5 | Wlot chłodziwa promieniowy przed adapterem | |
| 6 | Wlot chłodziwa niewspółosiowy przez kołnierz | |
| 7 | Wlot chłodziwa osiowy i niewspółosiowy przez kołnierz | |
| 8 | Wylot chłodziwa niewspółosiowy rowkami wzdłuż chwytu | |

CXSC

Oznaczenie typu wylotu chłodziwa

| Ozna- czenie | Opis | Rysunek |
|-----------------|---|---------|
| 0 | Bez wylotu chłodziwa | |
| 1 | Wylot chłodziwa współosiowy | |
| 2 | Wylot chłodziwa promieniowy | |
| 3 | Wylot chłodziwa osiowy pochylony | |
| 4 | Wylot chłodziwa współosiowy po obwodzie | |
| 5 | Wylot chłodziwa osiowy pochylony przez dysze, nastawny | |
| 6 | Wylot chłodziwa niewspółosiowy przez dysze, nastawny | |
| 7 | Wylot chłodziwa niewspółosiowy rowkami wzdłuż chwytu | |
| 8 | Wylot chłodziwa osiowy lub niewspółosiowy przez dysze, nastawny | |

| Oznaczenie | Strona | Oznaczenie | Strona | Oznaczenie | Strona |
|--------------------|----------|--------------|----------|------------|--------|
| 1B230-XA | A25 | T300-XM102AE | C23, C24 | | |
| 1B231-XA | A26 | T300-XM102AF | C26, C27 | | |
| 1B232-XA | A26 | T300-XM102DA | C17 | | |
| 1B240-XA | A27 | T300-XM103AA | C18 | | |
| 1C050-XA | A29 | T300-XM103AB | C21 | | |
| 1P220-XA | A5 | T300-XM103AE | C24 | | |
| 1P220-XB | A6 | T300-XM103AF | C27 | | |
| 1P221-XA | A7 | T300-XM103DA | C17 | | |
| 1P221-XB | A8 | T300-XM104DA | C17 | | |
| 1P222-XA | A9 | T300-XM105DA | C17 | | |
| 1P222-XB | A9 | | | | |
| 1P230-XA | A10, A11 | | | | |
| 1P230-XB | A10 | | | | |
| 1P231-XA | A12 | | | | |
| 1P231-XB | A13 | | | | |
| 1P240-XA | A14 | | | | |
| 1P240-XB | A14 | | | | |
| 1P250-XA | A15 | | | | |
| 1P250-XB | A15 | | | | |
| 1P251-XA | A16 | | | | |
| 1P251-XB | A16 | | | | |
| 1P260-XA | A17 | | | | |
| 1P260-XB | A17 | | | | |
| 1P330-XA | A19 | | | | |
| 1P330-XB | A19 | | | | |
| 1P340-XA | A23 | | | | |
| 1P340-XB | A23 | | | | |
| 1P341-XA | A20 | | | | |
| 1P341-XB | A20 | | | | |
| 1P360-XA | A21 | | | | |
| 1U000-XA | A29 | | | | |
| 435.B..A1-XF | D3, D4 | | | | |
| 435.T..A1-XF | D5, D6 | | | | |
| 460.1..A0-XM (3xD) | B15-B21 | | | | |
| 460.1..A0-XM (5xD) | B15-B21 | | | | |
| 460.1..A1-XM (3xD) | B3-B14 | | | | |
| 460.1..A1-XM (5xD) | B3-B14 | | | | |
| 460.1..A1-XM (8xD) | B3-B14 | | | | |
| 460.2..A1-XM | B22, B23 | | | | |
| T | | | | | |
| T200-XM100AA | C6 | | | | |
| T200-XM100AB | C9 | | | | |
| T200-XM100AE | C11 | | | | |
| T200-XM100AF | C13 | | | | |
| T200-XM100DA | C4 | | | | |
| T200-XM100DB-MF | C7, C8 | | | | |
| T200-XM100DE | C10 | | | | |
| T200-XM100DF | C12 | | | | |
| T200-XM100DK | C14 | | | | |
| T200-XM101AA | C6 | | | | |
| T200-XM101AB | C9 | | | | |
| T200-XM101AE | C11 | | | | |
| T200-XM101AF | C13 | | | | |
| T200-XM101DA | C4, C5 | | | | |
| T200-XM101DE | C10 | | | | |
| T200-XM101DF | C12 | | | | |
| T200-XM104DA | C5 | | | | |
| T200-XM105DA | C5 | | | | |
| T300-XM100AA | C18 | | | | |
| T300-XM100AB | C21 | | | | |
| T300-XM100AE | C23 | | | | |
| T300-XM100AF | C26 | | | | |
| T300-XM100DA | C16 | | | | |
| T300-XM100DB | C19, C20 | | | | |
| T300-XM100DE | C22 | | | | |
| T300-XM100DF | C25 | | | | |
| T300-XM100DK | C28 | | | | |
| T300-XM101AA | C18 | | | | |
| T300-XM101AB | C21 | | | | |
| T300-XM101AE | C23 | | | | |
| T300-XM101AF | C26 | | | | |
| T300-XM101DA | C16, C17 | | | | |
| T300-XM101DE | C22 | | | | |
| T300-XM101DF | C25 | | | | |
| T300-XM102AA | C18 | | | | |
| T300-XM102AB | C21 | | | | |