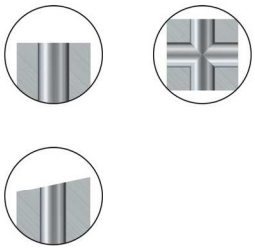
# CoroReamer® 830

## Rozwiertak węglikowy

# Wymienna głowica do obróbki otworów przelotowych z wysokim posuwem

Strona N5

**Zastosowanie**



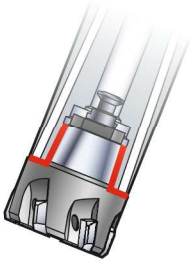
- Do stali, żeliwa sferoidalnego i żeliwa ciągliwego
- Otwory przelotowe, powierzchnie ustawione pod kątem i otwory przecinające się

P K

Obszar zastosowań wg ISO

### Asortyment produktów

- Zakres średnic: 10.00–31.75 mm (0.394-1.250 cala)
- Tolerancja średnicy otworu: H7
- Lutowane płytki z cermetalu w gatunku P10R
- Opcje z krótkim i długim trzonkiem
- Wymienne głowice



Szybka i łatwa wymiana głowicy z dużą dokładnością <3 µm (120 µcali).

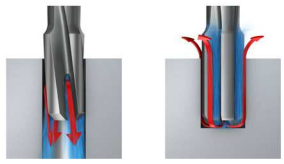
# CoroReamer® 435

## Rozwiertak węglikowy

# Bardzo wydajny rozwiertak do stosowania w szerokim spektrum materiałów

Strona N15

**Zastosowanie**



Śrubowe rowki wiórowe | Proste rowki wiórowe

P K N

Obszar zastosowań wg ISO

### Asortyment produktów

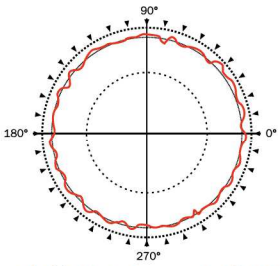
- Średnice standardowe: 3.97–20 mm (0.156–0.787 cala)
- Klasa dokładności otworu: IT7
- Ze śrubowym rowkiem wiórowym do otworów przelotowych i rowkiem prostym do otworów nieprzelotowych
- Możliwość realizacji indywidualnego zamówienia (Tailor Made)

Chłodziwo doprowadzene wewnętrznie (centralnie w modelach z prostymi rowkami i na części walcowej w modelach z rowkami śrubowymi) dociera prosto do strefy skrawania, usprawniając odprowadzanie wiórów i wydłużając trwałość.

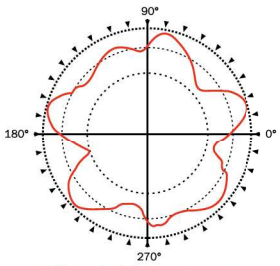
### Bardzo nierównomierne odstępy między ostrzami

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

Tailor Made




Okrągłość otworu przy rozwiercaniu z nierównomierną podziałką, <10 µm




Okrągłość otworu przy rozwiercaniu z bardzo nierównomierną podziałką, 1-2 µm

Pośrednie wymiary średnicy z zakresu 3.97 –20 mm (0.156–0.787 cala) dostępne są na życzenie (Tailor Made). Patrz strona Q5.



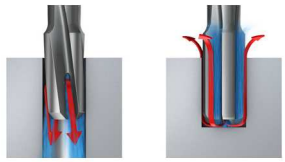
SANDVIK Coromant

# CoroReamer® 835

## Rozwiertak węglikowy

# Rozwiertak do poszczególnych materiałów, zapewniający najwyższą wydajność

**Zastosowanie**



Śrubowe rowki wiórowe | Proste rowki wiórowe

P M K N H

Obszar zastosowań wg ISO

**Strona N7**

### Asortyment produktów

- Zakres średnic: 3.97–20.00 mm (0.156–0.787 cala)
- Klasa dokładności otworu: IT7
- Ze śrubowymi rowkami wiórowymi do otworów przelotowych i rowkami prostymi do otworów nieprzelotowych
- Możliwość realizacji indywidualnego zamówienia (Tailor Made)

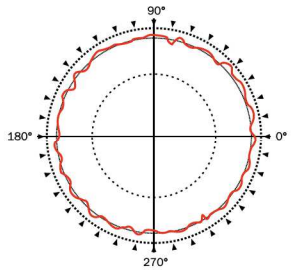
Chłodziwo podawane wewnętrznie (centralnie w modelach z prostymi rowkami i na części walcowej w modelach z rowkami śrubowymi) dociera prosto do strefy skrawania, usprawniając odprowadzanie wiórów i wydłużając trwałość.

### Bardzo nierównomierne odstępy między ostrzami

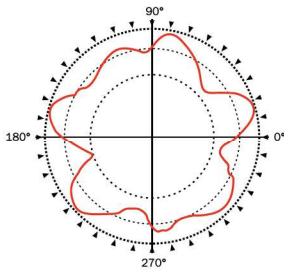
W przypadku bardzo nierównomiernej podziałki, odstępy między kolejnymi ostrzami są różnej wielkości. Ponieważ brak ostrzy osadzonych dokładnie naprzeciw siebie, poprawia się okrągłość otworu wykonanego przez rozwiertak.

Tailor Made

Patrz strona Q5




Okrągłość otworu przy rozwiercaniu z nierównomierną podziałką, <10 µm




Okrągłość otworu przy rozwiercaniu z bardzo nierównomierną podziałką, 1-2 µm

- Dostępne w opcji na życzenie (Tailor Made) w pośrednich wymiarach średnicy z zakresu 3.97–20 mm (0.156–0.787 cala) do materiałów z grup ISO P oraz ISO M. Patrz strona Q5.
- Specjalne geometrie do materiałów z grup ISO N oraz ISO H

K

## Wybór rozwiertaka

### 1 Określić średnicę otworu i materiał do rozwiercania

### 2 Wybór rodzaju rozwiertaka

Wybrać monolityczny rozwiertak z węglików spiekanych lub rozwiertak z wymienną głowicą.

L

### 3 Przegląd narzędzi

Jeśli wybrany został rozwiertak z węglików spiekanych, należy wybrać pomiędzy modelami do otworów przelotowych i nieprzelotowych, uniwersalnymi lub do zoptymalizowanymi dla danej grupy materiałów

CoroReamer® 830 to dobry wybór do otworów przelotowych, krzyżujących się i w zakrzywionych powierzchniach przedmiotów ze stali, żeliwa sferoidalnego i ciągliwego.

M

N

O

P

**Symbole odnośników do stron:**

Parametry skrawania

Symbole stosowane w normie ISO 13399

Informacje dotyczące sposobu podawania chłodziwa

Przegląd dostępnych rozwiązań narzędziowych

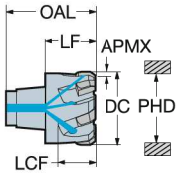
Opcja Tailor Made

Q

# CoroReamer™ 830, węglikowa głowica do rozwiercania

**Wewnętrzne doprowadzenie chłodziwa**

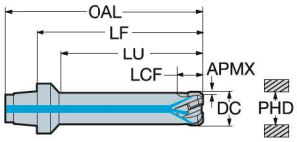
TCHA H7
CNSC 1




P K

| DC | DC" | $CZC_{MS}$ | TCHAL | TCHAU | Oznaczenie | Wymiary, mm, *cale* PHD | PHD" | APMX | APMX" | OAL | OAL" | LF | LF" | LCF | LCF" | CP Bar | CP PSI | BSG |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 19.00 | .748 | S12 | 0.00 | 0.02 | 830A-E06D1900H7S12 | 18.80 | .740 | 0.30 | .011 | 25.85 | 1.017 | 14.50 | .570 | 10.82 | .426 | 20 | 290 | COROMANT |
| 19.05 | .750 | S12 | 0.00 | 0.02 | 830A-E06D1905H7S12 | 18.83 | .741 | 0.30 | .011 | 25.85 | 1.017 | 14.50 | .570 | 10.82 | .426 | 20 | 290 | COROMANT |
| 20.00 | .787 | S12 | 0.00 | 0.02 | 830A-E06D2000H7S12 | 19.80 | .779 | 0.30 | .011 | 25.85 | 1.017 | 14.50 | .570 | 10.82 | .426 | 20 | 290 | COROMANT |
| 21.00 | .826 | S12 | 0.00 | 0.02 | 830A-E06D2100H7S12 | 20.80 | .818 | 0.30 | .011 | 25.85 | 1.017 | 14.50 | .570 | 10.82 | .426 | 20 | 290 | COROMANT |
| 22.00 | .866 | S14 | 0.00 | 0.02 | 830A-E06D2200H7S14 | 21.80 | .858 | 0.30 | .011 | 27.85 | 1.096 | 15.50 | .610 | 13.05 | .513 | 20 | 290 | COROMANT |
| 23.00 | .905 | S14 | 0.00 | 0.02 | 830A-E06D2300H7S14 | 22.80 | .897 | 0.30 | .011 | 27.85 | 1.096 | 15.50 | .610 | 13.05 | .513 | 20 | 290 | COROMANT |
| 24.00 | .944 | S16 | 0.00 | 0.02 | 830A-E06D2400H7S16 | 23.80 | .937 | 0.30 | .011 | 29.85 | 1.175 | 16.00 | .629 | 13.05 | .513 | 20 | 290 | COROMANT |
| 25.00 | .984 | S16 | 0.00 | 0.02 | 830A-E06D2500H7S16 | 24.80 | .976 | 0.30 | .011 | 29.85 | 1.175 | 16.00 | .629 | 13.05 | .513 | 20 | 290 | COROMANT |
| 25.40 | 1.000 | S16 | 0.00 | 0.02 | 830A-E06D2540H7S16 | 25.20 | .992 | 0.30 | .011 | 29.85 | 1.175 | 16.00 | .629 | 13.05 | .513 | 20 | 290 | COROMANT |
| 26.00 | 1.023 | S16 | 0.00 | 0.02 | 830A-E06D2600H7S16 | 25.80 | 1.015 | 0.30 | .011 | 29.85 | 1.175 | 16.00 | .629 | 13.05 | .513 | 20 | 290 | COROMANT |
| 27.00 | 1.062 | S16 | 0.00 | 0.02 | 830A-E06D2700H7S16 | 26.80 | 1.055 | 0.30 | .011 | 29.85 | 1.175 | 16.00 | .629 | 13.05 | .513 | 20 | 290 | COROMANT |
| 28.00 | 1.102 | S16 | 0.00 | 0.02 | 830A-E06D2800H7S16 | 27.80 | 1.094 | 0.30 | .011 | 29.85 | 1.175 | 16.00 | .629 | 13.05 | .513 | 20 | 290 | COROMANT |
| 29.00 | 1.141 | S16 | 0.00 | 0.02 | 830A-E06D2900H7S16 | 28.80 | 1.133 | 0.30 | .011 | 29.85 | 1.175 | 16.00 | .629 | 13.05 | .513 | 20 | 290 | COROMANT |
| 30.00 | 1.181 | S20 | 0.00 | 0.02 | 830A-E06D3000H7S20 | 29.80 | 1.173 | 0.30 | .011 | 31.85 | 1.253 | 17.00 | .669 | 13.21 | .520 | 20 | 290 | COROMANT |
| 31.75 | 1.250 | S20 | 0.00 | 0.02 | 830A-E06D3175H7S20 | 31.60 | 1.244 | 0.30 | .011 | 31.85 | 1.253 | 17.00 | .669 | 13.21 | .520 | 20 | 290 | COROMANT |

TCHA H7
CNSC 1




P K

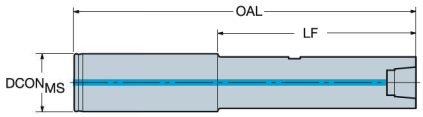
| DC | DC" | LU | LU" | $CZC_{MS}$ | TCHAL | TCHAU | Oznaczenie | Wymiary, mm, *cale* PHD | PHD" | APMX | APMX" | OAL | OAL" | LF | LF" | LCF | LCF" | CP Bar | CP PSI | BSG |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10.00 | .393 | 45.00 | 1.771 | S12 | 0.00 | 0.01 | 830B-E06D1000H7S12 | 9.80 | .385 | 0.30 | .011 | 71.35 | 2.809 | 60.00 | 2.362 | 9.99 | .393 | 20 | 290 | COROMANT |
| 11.00 | .433 | 45.00 | 1.771 | S12 | 0.00 | 0.01 | 830B-E06D1100H7S12 | 10.80 | .425 | 0.30 | .011 | 71.35 | 2.809 | 60.00 | 2.362 | 10.00 | .393 | 20 | 290 | COROMANT |
| 12.00 | .472 | 45.00 | 1.771 | S12 | 0.00 | 0.01 | 830B-E06D1200H7S12 | 11.80 | .464 | 0.30 | .011 | 71.35 | 2.809 | 60.00 | 2.362 | 9.99 | .393 | 20 | 290 | COROMANT |
| 13.00 | .511 | 45.00 | 1.771 | S12 | 0.00 | 0.01 | 830B-E06D1300H7S12 | 12.80 | .503 | 0.30 | .011 | 71.35 | 2.809 | 60.00 | 2.362 | 10.00 | .394 | 20 | 290 | COROMANT |
| 14.00 | .551 | 45.00 | 1.771 | S12 | 0.00 | 0.01 | 830B-E06D1400H7S12 | 13.80 | .543 | 0.30 | .011 | 71.35 | 2.809 | 60.00 | 2.362 | 10.00 | .394 | 20 | 290 | COROMANT |
| 15.00 | .590 | 45.00 | 1.771 | S12 | 0.00 | 0.01 | 830B-E06D1500H7S12 | 14.80 | .582 | 0.30 | .011 | 71.35 | 2.809 | 60.00 | 2.362 | 10.00 | .394 | 20 | 290 | COROMANT |
| 16.00 | .629 | 45.00 | 1.771 | S12 | 0.00 | 0.01 | 830B-E06D1600H7S12 | 15.80 | .622 | 0.30 | .011 | 71.35 | 2.809 | 60.00 | 2.362 | 10.00 | .394 | 20 | 290 | COROMANT |
| 17.00 | .669 | 45.00 | 1.771 | S12 | 0.00 | 0.01 | 830B-E06D1700H7S12 | 16.80 | .661 | 0.30 | .011 | 71.35 | 2.809 | 60.00 | 2.362 | 10.00 | .394 | 20 | 290 | COROMANT |
| 18.00 | .708 | 45.00 | 1.771 | S12 | 0.00 | 0.01 | 830B-E06D1800H7S12 | 17.80 | .700 | 0.30 | .011 | 71.35 | 2.809 | 60.00 | 2.362 | 10.00 | .394 | 20 | 290 | COROMANT |

N6 N19 Q1 Q35

# Oprawka CoroReamer™ 830 z chwytem cylindrycznym

**Wewnętrzne doprowadzenie chłodziwa**

CNSC 1




| CZC$_{MS}$ | CZC$_{WS}$ | Oznaczenie | Wymiary, mm, *cale* DCON$_{MS}$ | LF | OAL | CP Bar | CP PSI | Kg |
|---|---|---|---|---|---|---|---|---|
| 20 | S12 | 830-S12A20035F | 20 | 35.0 | 85.0 | 100 | | 0.1 |
| | | | .787 | 1.378 | 3.346 | | 1450 | |
| | S12 | 830-S12A20069F | 20 | 68.5 | 118.5 | 100 | | 0.2 |
| | | | .787 | 2.697 | 4.665 | | 1450 | |
| | S12 | 830-S12A20130F | 20 | 129.5 | 179.5 | 100 | | 0.4 |
| | | | .787 | 5.098 | 7.066 | | 1450 | |
| | S14 | 830-S14A20070F | 20 | 69.5 | 119.5 | 100 | | 0.2 |
| | | | .787 | 2.736 | 4.704 | | 1450 | |
| | S14 | 830-S14A20131F | 20 | 130.5 | 180.5 | 100 | | 0.4 |
| | | | .787 | 5.138 | 7.106 | | 1450 | |
| 25 | S16 | 830-S16A25090F | 25 | 90.0 | 150.0 | 100 | | 0.4 |
| | | | .984 | 3.543 | 5.905 | | 1450 | |
| | S16 | 830-S16A25151F | 25 | 151.0 | 211.0 | 100 | | 0.6 |
| | | | .984 | 5.945 | 8.307 | | 1450 | |
| | S20 | 830-S20A25089F | 25 | 89.0 | 149.0 | 100 | | 0.6 |
| | | | .984 | 3.504 | 5.866 | | 1450 | |
| | S20 | 830-S20A25150F | 25 | 150.0 | 210.0 | 100 | | 1.0 |
| | | | .984 | 5.906 | 8.267 | | 1450 | |

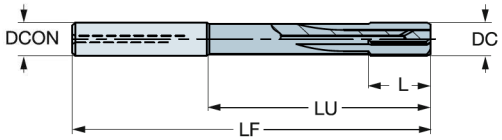
O5 Q1 Q35

# CoroReamer™ 835, rozwiertak węglikowy

**Proste rowki wiórowe**

**Do otworów nieprzelotowych**

TCHA H7
CNSC 1




| DC | DC" | LU | LU" | $CZC_{MS}$ | TCHAL | TCHAU | Oznaczenie | P 1024 | K 1024 | Wymiary, mm, *cale* DCON | DCON" | PHD | PHD" | LF | LF" | L | L" | CP Bar | CP PSI | BSG |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3.97 | .156 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.B-0397-A1-PF | ☆ | ☆ | 6.00 | .236 | 3.80 | .149 | 74.40 | 2.929 | 12.00 | .472 | 20 | 290 | COROMANT |
| 3.98 | .156 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.B-0398-A1-PF | ☆ | ☆ | 6.00 | .236 | 3.80 | .149 | 74.40 | 2.929 | 12.00 | .472 | 20 | 290 | COROMANT |
| 3.99 | .157 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.B-0399-A1-PF | ☆ | ☆ | 6.00 | .236 | 3.80 | .149 | 74.40 | 2.929 | 12.00 | .472 | 20 | 290 | COROMANT |
| 4.00 | .157 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.B-0400-A1-PF | ☆ | ☆ | 6.00 | .236 | 3.80 | .149 | 74.40 | 2.929 | 12.00 | .472 | 20 | 290 | COROMANT |
| 4.01 | .157 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.B-0401-A1-PF | ☆ | ☆ | 6.00 | .236 | 3.80 | .149 | 74.40 | 2.929 | 12.00 | .472 | 20 | 290 | COROMANT |
| 4.02 | .158 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.B-0402-A1-PF | ☆ | ☆ | 6.00 | .236 | 3.80 | .149 | 74.40 | 2.929 | 12.00 | .472 | 20 | 290 | COROMANT |
| 4.03 | .158 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.B-0403-A1-PF | ☆ | ☆ | 6.00 | .236 | 3.80 | .149 | 74.39 | 2.928 | 12.00 | .472 | 20 | 290 | COROMANT |
| 4.50 | .177 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.B-0450-A1-PF | ☆ | ☆ | 6.00 | .236 | 4.30 | .169 | 74.32 | 2.925 | 12.00 | .472 | 20 | 290 | COROMANT |
| 4.97 | .195 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.B-0497-A1-PF | ☆ | ☆ | 6.00 | .236 | 4.80 | .188 | 74.25 | 2.923 | 12.00 | .472 | 20 | 290 | COROMANT |
| 4.98 | .196 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.B-0498-A1-PF | ☆ | ☆ | 6.00 | .236 | 4.80 | .188 | 74.25 | 2.923 | 12.00 | .472 | 20 | 290 | COROMANT |
| 4.99 | .196 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.B-0499-A1-PF | ☆ | ☆ | 6.00 | .236 | 4.80 | .188 | 74.25 | 2.923 | 12.00 | .472 | 20 | 290 | COROMANT |
| 5.00 | .196 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.B-0500-A1-PF | ☆ | ☆ | 6.00 | .236 | 4.80 | .188 | 74.25 | 2.923 | 12.00 | .472 | 20 | 290 | COROMANT |
| 5.01 | .197 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.B-0501-A1-PF | ☆ | ☆ | 6.00 | .236 | 4.80 | .188 | 74.25 | 2.923 | 12.00 | .472 | 20 | 290 | COROMANT |
| 5.02 | .197 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.B-0502-A1-PF | ☆ | ☆ | 6.00 | .236 | 4.80 | .188 | 74.25 | 2.923 | 12.00 | .472 | 20 | 290 | COROMANT |
| 5.03 | .198 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.B-0503-A1-PF | ☆ | ☆ | 6.00 | .236 | 4.80 | .188 | 74.24 | 2.922 | 12.00 | .472 | 20 | 290 | COROMANT |
| 5.50 | .216 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.B-0550-A1-PF | ☆ | ☆ | 6.00 | .236 | 5.30 | .208 | 74.17 | 2.920 | 12.00 | .472 | 20 | 290 | COROMANT |
| 5.97 | .235 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.B-0597-A1-PF | ☆ | ☆ | 6.00 | .236 | 5.80 | .228 | 74.10 | 2.917 | 12.00 | .472 | 20 | 290 | COROMANT |
| 5.98 | .235 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.B-0598-A1-PF | ☆ | ☆ | 6.00 | .236 | 5.80 | .228 | 74.10 | 2.917 | 12.00 | .472 | 20 | 290 | COROMANT |
| 5.99 | .235 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.B-0599-A1-PF | ☆ | ☆ | 6.00 | .236 | 5.80 | .228 | 74.10 | 2.917 | 12.00 | .472 | 20 | 290 | COROMANT |
| 6.00 | .236 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.B-0600-A1-PF | ☆ | ☆ | 6.00 | .236 | 5.80 | .228 | 74.10 | 2.917 | 12.00 | .472 | 20 | 290 | COROMANT |
| 6.01 | .236 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.B-0601-A1-PF | ☆ | ☆ | 6.00 | .236 | 5.80 | .228 | 74.10 | 2.917 | 12.00 | .472 | 20 | 290 | COROMANT |
| 6.02 | .237 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.B-0602-A1-PF | ☆ | ☆ | 6.00 | .236 | 5.80 | .228 | 74.10 | 2.917 | 12.00 | .472 | 20 | 290 | COROMANT |
| 6.03 | .237 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.B-0603-A1-PF | ☆ | ☆ | 6.00 | .236 | 5.80 | .228 | 74.09 | 2.916 | 12.00 | .472 | 20 | 290 | COROMANT |
| 6.50 | .255 | 64.00 | 2.519 | 8 | 0.00 | 0.01 | 835.B-0650-A1-PF | ☆ | ☆ | 8.00 | .314 | 6.30 | .248 | 99.02 | 3.898 | 16.00 | .629 | 20 | 290 | COROMANT |
| 7.00 | .275 | 64.00 | 2.519 | 8 | 0.00 | 0.01 | 835.B-0700-A1-PF | ☆ | ☆ | 8.00 | .314 | 6.80 | .267 | 98.95 | 3.895 | 16.00 | .629 | 20 | 290 | COROMANT |
| 7.50 | .295 | 64.00 | 2.519 | 8 | 0.00 | 0.01 | 835.B-0750-A1-PF | ☆ | ☆ | 8.00 | .314 | 7.30 | .287 | 98.87 | 3.892 | 16.00 | .629 | 20 | 290 | COROMANT |
| 7.97 | .313 | 64.00 | 2.519 | 8 | 0.00 | 0.01 | 835.B-0797-A1-PF | ☆ | ☆ | 8.00 | .314 | 7.80 | .307 | 98.80 | 3.889 | 16.00 | .629 | 20 | 290 | COROMANT |
| 7.98 | .314 | 64.00 | 2.519 | 8 | 0.00 | 0.01 | 835.B-0798-A1-PF | ☆ | ☆ | 8.00 | .314 | 7.80 | .307 | 98.80 | 3.889 | 16.00 | .629 | 20 | 290 | COROMANT |
| 7.99 | .314 | 64.00 | 2.519 | 8 | 0.00 | 0.01 | 835.B-0799-A1-PF | ☆ | ☆ | 8.00 | .314 | 7.80 | .307 | 98.80 | 3.889 | 16.00 | .629 | 20 | 290 | COROMANT |
| 8.00 | .314 | 64.00 | 2.519 | 8 | 0.00 | 0.01 | 835.B-0800-A1-PF | ☆ | ☆ | 8.00 | .314 | 7.80 | .307 | 98.80 | 3.889 | 16.00 | .629 | 20 | 290 | COROMANT |
| 8.01 | .315 | 64.00 | 2.519 | 8 | 0.00 | 0.01 | 835.B-0801-A1-PF | ☆ | ☆ | 8.00 | .314 | 7.80 | .307 | 98.80 | 3.889 | 16.00 | .629 | 20 | 290 | COROMANT |
| 8.02 | .315 | 64.00 | 2.519 | 8 | 0.00 | 0.01 | 835.B-0802-A1-PF | ☆ | ☆ | 8.00 | .314 | 7.80 | .307 | 98.79 | 3.889 | 16.00 | .629 | 20 | 290 | COROMANT |
| 8.03 | .316 | 64.00 | 2.519 | 8 | 0.00 | 0.01 | 835.B-0803-A1-PF | ☆ | ☆ | 8.00 | .314 | 7.80 | .307 | 98.79 | 3.889 | 16.00 | .629 | 20 | 290 | COROMANT |
| 8.50 | .334 | 60.00 | 2.362 | 10 | 0.00 | 0.01 | 835.B-0850-A1-PF | ☆ | ☆ | 10.00 | .393 | 8.30 | .326 | 98.72 | 3.886 | 20.00 | .787 | 20 | 290 | COROMANT |
| 9.00 | .354 | 60.00 | 2.362 | 10 | 0.00 | 0.01 | 835.B-0900-A1-PF | ☆ | ☆ | 10.00 | .393 | 8.80 | .346 | 98.65 | 3.883 | 20.00 | .787 | 20 | 290 | COROMANT |
| 9.50 | .374 | 80.00 | 3.149 | 10 | 0.00 | 0.01 | 835.B-0950-A1-PF | ☆ | ☆ | 10.00 | .393 | 9.30 | .366 | 118.57 | 4.668 | 20.00 | .787 | 20 | 290 | COROMANT |
| 9.97 | .392 | 80.00 | 3.149 | 10 | 0.00 | 0.01 | 835.B-0997-A1-PF | ☆ | ☆ | 10.00 | .393 | 9.80 | .385 | 118.50 | 4.665 | 20.00 | .787 | 20 | 290 | COROMANT |
| 9.98 | .392 | 80.00 | 3.149 | 10 | 0.00 | 0.01 | 835.B-0998-A1-PF | ☆ | ☆ | 10.00 | .393 | 9.80 | .385 | 118.50 | 4.665 | 20.00 | .787 | 20 | 290 | COROMANT |
| 9.99 | .393 | 80.00 | 3.149 | 10 | 0.00 | 0.01 | 835.B-0999-A1-PF | ☆ | ☆ | 10.00 | .393 | 9.80 | .385 | 118.50 | 4.665 | 20.00 | .787 | 20 | 290 | COROMANT |
| 10.00 | .393 | 80.00 | 3.149 | 10 | 0.00 | 0.01 | 835.B-1000-A1-PF | ☆ | ☆ | 10.00 | .393 | 9.80 | .385 | 118.50 | 4.665 | 20.00 | .787 | 20 | 290 | COROMANT |
| 10.01 | .394 | 80.00 | 3.149 | 10 | 0.00 | 0.01 | 835.B-1001-A1-PF | ☆ | ☆ | 10.00 | .393 | 9.80 | .385 | 118.50 | 4.665 | 20.00 | .787 | 20 | 290 | COROMANT |
| 10.02 | .394 | 80.00 | 3.149 | 10 | 0.00 | 0.01 | 835.B-1002-A1-PF | ☆ | ☆ | 10.00 | .393 | 9.80 | .385 | 118.49 | 4.664 | 20.00 | .787 | 20 | 290 | COROMANT |
| 10.03 | .394 | 80.00 | 3.149 | 10 | 0.00 | 0.01 | 835.B-1003-A1-PF | ☆ | ☆ | 10.00 | .393 | 9.80 | .385 | 118.49 | 4.664 | 20.00 | .787 | 20 | 290 | COROMANT |
| 10.50 | .413 | 75.00 | 2.952 | 12 | 0.00 | 0.01 | 835.B-1050-A1-PF | ☆ | ☆ | 12.00 | .472 | 10.30 | .405 | 118.42 | 4.662 | 20.00 | .787 | 20 | 290 | COROMANT |
| 11.00 | .433 | 75.00 | 2.952 | 12 | 0.00 | 0.01 | 835.B-1100-A1-PF | ☆ | ☆ | 12.00 | .472 | 10.80 | .425 | 118.35 | 4.659 | 20.00 | .787 | 20 | 290 | COROMANT |
| 11.50 | .452 | 75.00 | 2.952 | 12 | 0.00 | 0.01 | 835.B-1150-A1-PF | ☆ | ☆ | 12.00 | .472 | 11.30 | .444 | 118.27 | 4.656 | 20.00 | .787 | 20 | 290 | COROMANT |
| 11.97 | .471 | 75.00 | 2.952 | 12 | 0.00 | 0.01 | 835.B-1197-A1-PF | ☆ | ☆ | 12.00 | .472 | 11.80 | .464 | 118.20 | 4.653 | 20.00 | .787 | 20 | 290 | COROMANT |
| 11.98 | .471 | 75.00 | 2.952 | 12 | 0.00 | 0.01 | 835.B-1198-A1-PF | ☆ | ☆ | 12.00 | .472 | 11.80 | .464 | 118.20 | 4.653 | 20.00 | .787 | 20 | 290 | COROMANT |

Q5

Q5

N20

Q1

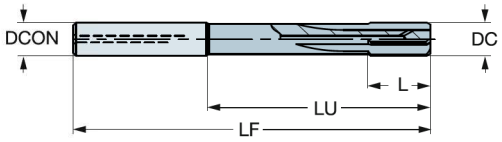
Q35

# CoroReamer™ 835, rozwiertak węglikowy

**Proste rowki wiórowe**

**Do otworów nieprzelotowych**

TCHA H7
CNSC 1



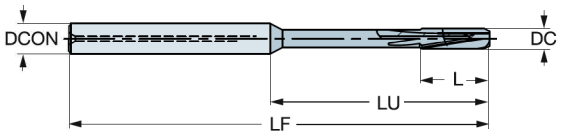

| DC | DC" | LU | LU" | $CZC_{MS}$ | TCHAL | TCHAU | Oznaczenie | P 1024 | K 1024 | DCON | DCON" | PHD | PHD" | LF | LF" | L | L" | CP Bar | CP PSI | BSG |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | Wymiary, mm, *cale* | | | | | | | | | | |
| 11.99 | .472 | 75.00 | 2.952 | 12 | 0.00 | 0.01 | **835.B-1199-A1-PF** | ☆ | ☆ | 12.00 | .472 | 11.80 | .464 | 118.20 | 4.653 | 20.00 | .787 | 20 | 290 | COROMANT |
| 12.00 | .472 | 75.00 | 2.952 | 12 | 0.00 | 0.01 | **835.B-1200-A1-PF** | ☆ | ☆ | 12.00 | .472 | 11.80 | .464 | 118.20 | 4.653 | 20.00 | .787 | 20 | 290 | COROMANT |
| 12.01 | .472 | 75.00 | 2.952 | 12 | 0.00 | 0.01 | **835.B-1201-A1-PF** | ☆ | ☆ | 12.00 | .472 | 11.80 | .464 | 118.20 | 4.653 | 20.00 | .787 | 20 | 290 | COROMANT |
| 12.02 | .473 | 75.00 | 2.952 | 12 | 0.00 | 0.01 | **835.B-1202-A1-PF** | ☆ | ☆ | 12.00 | .472 | 11.80 | .464 | 118.19 | 4.653 | 20.00 | .787 | 20 | 290 | COROMANT |
| 12.03 | .473 | 75.00 | 2.952 | 12 | 0.00 | 0.01 | **835.B-1203-A1-PF** | ☆ | ☆ | 12.00 | .472 | 11.80 | .464 | 118.19 | 4.653 | 20.00 | .787 | 20 | 290 | COROMANT |
| 13.00 | .511 | 85.00 | 3.346 | 14 | 0.00 | 0.01 | **835.B-1300-A1-PF** | ☆ | ☆ | 14.00 | .551 | 12.80 | .503 | 128.05 | 5.041 | 22.00 | .866 | 20 | 290 | COROMANT |
| 14.00 | .551 | 85.00 | 3.346 | 14 | 0.00 | 0.01 | **835.B-1400-A1-PF** | ☆ | ☆ | 14.00 | .551 | 13.80 | .543 | 127.90 | 5.035 | 22.00 | .866 | 20 | 290 | COROMANT |
| 15.00 | .590 | 82.00 | 3.228 | 16 | 0.00 | 0.01 | **835.B-1500-A1-PF** | ☆ | ☆ | 16.00 | .629 | 14.80 | .582 | 127.75 | 5.029 | 22.00 | .866 | 20 | 290 | COROMANT |
| 16.00 | .629 | 102.00 | 4.015 | 16 | 0.00 | 0.01 | **835.B-1600-A1-PF** | ☆ | ☆ | 16.00 | .629 | 15.80 | .622 | 147.60 | 5.811 | 25.00 | .984 | 20 | 290 | COROMANT |
| 17.00 | .669 | 102.00 | 4.015 | 18 | 0.00 | 0.01 | **835.B-1700-A1-PF** | ☆ | ☆ | 18.00 | .708 | 16.80 | .661 | 147.45 | 5.805 | 25.00 | .984 | 20 | 290 | COROMANT |
| 18.00 | .708 | 102.00 | 4.015 | 18 | 0.00 | 0.01 | **835.B-1800-A1-PF** | ☆ | ☆ | 18.00 | .708 | 17.80 | .700 | 147.30 | 5.799 | 25.00 | .984 | 20 | 290 | COROMANT |
| 19.00 | .748 | 100.00 | 3.937 | 20 | 0.00 | 0.02 | **835.B-1900-A1-PF** | ☆ | ☆ | 20.00 | .787 | 18.80 | .740 | 147.14 | 5.792 | 25.00 | .984 | 20 | 290 | COROMANT |
| 20.00 | .787 | 100.00 | 3.937 | 20 | 0.00 | 0.02 | **835.B-2000-A1-PF** | ☆ | ☆ | 20.00 | .787 | 19.80 | .779 | 146.99 | 5.787 | 25.00 | .984 | 20 | 290 | COROMANT |

# CoroReamer™ 835, rozwiertak węglikowy

**Śrubowe rowki wiórowe**

**Do otworów przelotowych**

TCHA H7
CNSC 1




| DC | DC" | LU | LU" | $CZC_{MS}$ | TCHAL | TCHAU | Oznaczenie | P 1024 | K 1024 | Wymiary, mm, *cale* DCON | DCON" | PHD | PHD" | LF | LF" | L | L" | CP Bar | CP PSI | BSG |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3.97 | .156 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.T-0397-A1-PF | ☆ | ☆ | 6.00 | .236 | 3.80 | .149 | 74.40 | 2.929 | 12.00 | .472 | 20 | 290 | COROMANT |
| 3.98 | .156 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.T-0398-A1-PF | ☆ | ☆ | 6.00 | .236 | 3.80 | .149 | 74.40 | 2.929 | 12.00 | .472 | 20 | 290 | COROMANT |
| 3.99 | .157 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.T-0399-A1-PF | ☆ | ☆ | 6.00 | .236 | 3.80 | .149 | 74.40 | 2.929 | 12.00 | .472 | 20 | 290 | COROMANT |
| 4.00 | .157 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.T-0400-A1-PF | ☆ | ☆ | 6.00 | .236 | 3.80 | .149 | 74.40 | 2.929 | 12.00 | .472 | 20 | 290 | COROMANT |
| 4.01 | .157 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.T-0401-A1-PF | ☆ | ☆ | 6.00 | .236 | 3.80 | .149 | 74.40 | 2.929 | 12.00 | .472 | 20 | 290 | COROMANT |
| 4.02 | .158 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.T-0402-A1-PF | ☆ | ☆ | 6.00 | .236 | 3.80 | .149 | 74.40 | 2.929 | 12.00 | .472 | 20 | 290 | COROMANT |
| 4.03 | .158 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.T-0403-A1-PF | ☆ | ☆ | 6.00 | .236 | 3.80 | .149 | 74.39 | 2.928 | 12.00 | .472 | 20 | 290 | COROMANT |
| 4.50 | .177 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.T-0450-A1-PF | ☆ | ☆ | 6.00 | .236 | 4.30 | .169 | 74.32 | 2.925 | 12.00 | .472 | 20 | 290 | COROMANT |
| 4.97 | .195 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.T-0497-A1-PF | ☆ | ☆ | 6.00 | .236 | 4.80 | .188 | 74.25 | 2.923 | 12.00 | .472 | 20 | 290 | COROMANT |
| 4.98 | .196 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.T-0498-A1-PF | ☆ | ☆ | 6.00 | .236 | 4.80 | .188 | 74.25 | 2.923 | 12.00 | .472 | 20 | 290 | COROMANT |
| 4.99 | .196 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.T-0499-A1-PF | ☆ | ☆ | 6.00 | .236 | 4.80 | .188 | 74.25 | 2.923 | 12.00 | .472 | 20 | 290 | COROMANT |
| 5.00 | .196 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.T-0500-A1-PF | ☆ | ☆ | 6.00 | .236 | 4.80 | .188 | 74.25 | 2.923 | 12.00 | .472 | 20 | 290 | COROMANT |
| 5.01 | .197 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.T-0501-A1-PF | ☆ | ☆ | 6.00 | .236 | 4.80 | .188 | 74.25 | 2.923 | 12.00 | .472 | 20 | 290 | COROMANT |
| 5.02 | .197 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.T-0502-A1-PF | ☆ | ☆ | 6.00 | .236 | 4.80 | .188 | 74.25 | 2.923 | 12.00 | .472 | 20 | 290 | COROMANT |
| 5.03 | .198 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.T-0503-A1-PF | ☆ | ☆ | 6.00 | .236 | 4.80 | .188 | 74.24 | 2.922 | 12.00 | .472 | 20 | 290 | COROMANT |
| 5.50 | .216 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.T-0550-A1-PF | ☆ | ☆ | 6.00 | .236 | 5.30 | .208 | 74.17 | 2.920 | 12.00 | .472 | 20 | 290 | COROMANT |
| 5.97 | .235 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.T-0597-A1-PF | ☆ | ☆ | 6.00 | .236 | 5.80 | .228 | 74.10 | 2.917 | 12.00 | .472 | 20 | 290 | COROMANT |
| 5.98 | .235 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.T-0598-A1-PF | ☆ | ☆ | 6.00 | .236 | 5.80 | .228 | 74.10 | 2.917 | 12.00 | .472 | 20 | 290 | COROMANT |
| 5.99 | .235 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.T-0599-A1-PF | ☆ | ☆ | 6.00 | .236 | 5.80 | .228 | 74.10 | 2.917 | 12.00 | .472 | 20 | 290 | COROMANT |
| 6.00 | .236 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.T-0600-A1-PF | ☆ | ☆ | 6.00 | .236 | 5.80 | .228 | 74.10 | 2.917 | 12.00 | .472 | 20 | 290 | COROMANT |
| 6.01 | .236 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.T-0601-A1-PF | ☆ | ☆ | 6.00 | .236 | 5.80 | .228 | 74.10 | 2.917 | 12.00 | .472 | 20 | 290 | COROMANT |
| 6.02 | .237 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.T-0602-A1-PF | ☆ | ☆ | 6.00 | .236 | 5.80 | .228 | 74.10 | 2.917 | 12.00 | .472 | 20 | 290 | COROMANT |
| 6.03 | .237 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.T-0603-A1-PF | ☆ | ☆ | 6.00 | .236 | 5.80 | .228 | 74.09 | 2.916 | 12.00 | .472 | 20 | 290 | COROMANT |
| 6.50 | .255 | 64.00 | 2.519 | 8 | 0.00 | 0.01 | 835.T-0650-A1-PF | ☆ | ☆ | 8.00 | .314 | 6.30 | .248 | 99.02 | 3.898 | 16.00 | .629 | 20 | 290 | COROMANT |
| 7.00 | .275 | 64.00 | 2.519 | 8 | 0.00 | 0.01 | 835.T-0700-A1-PF | ☆ | ☆ | 8.00 | .314 | 6.80 | .267 | 98.95 | 3.895 | 16.00 | .629 | 20 | 290 | COROMANT |
| 7.50 | .295 | 64.00 | 2.519 | 8 | 0.00 | 0.01 | 835.T-0750-A1-PF | ☆ | ☆ | 8.00 | .314 | 7.30 | .287 | 98.87 | 3.892 | 16.00 | .629 | 20 | 290 | COROMANT |
| 7.97 | .313 | 64.00 | 2.519 | 8 | 0.00 | 0.01 | 835.T-0797-A1-PF | ☆ | ☆ | 8.00 | .314 | 7.80 | .307 | 98.80 | 3.889 | 16.00 | .629 | 20 | 290 | COROMANT |
| 7.98 | .314 | 64.00 | 2.519 | 8 | 0.00 | 0.01 | 835.T-0798-A1-PF | ☆ | ☆ | 8.00 | .314 | 7.80 | .307 | 98.80 | 3.889 | 16.00 | .629 | 20 | 290 | COROMANT |
| 7.99 | .314 | 64.00 | 2.519 | 8 | 0.00 | 0.01 | 835.T-0799-A1-PF | ☆ | ☆ | 8.00 | .314 | 7.80 | .307 | 98.80 | 3.889 | 16.00 | .629 | 20 | 290 | COROMANT |
| 8.00 | .314 | 64.00 | 2.519 | 8 | 0.00 | 0.01 | 835.T-0800-A1-PF | ☆ | ☆ | 8.00 | .314 | 7.80 | .307 | 98.80 | 3.889 | 16.00 | .629 | 20 | 290 | COROMANT |
| 8.01 | .315 | 64.00 | 2.519 | 8 | 0.00 | 0.01 | 835.T-0801-A1-PF | ☆ | ☆ | 8.00 | .314 | 7.80 | .307 | 98.80 | 3.889 | 16.00 | .629 | 20 | 290 | COROMANT |
| 8.02 | .315 | 64.00 | 2.519 | 8 | 0.00 | 0.01 | 835.T-0802-A1-PF | ☆ | ☆ | 8.00 | .314 | 7.80 | .307 | 98.79 | 3.889 | 16.00 | .629 | 20 | 290 | COROMANT |
| 8.03 | .316 | 64.00 | 2.519 | 8 | 0.00 | 0.01 | 835.T-0803-A1-PF | ☆ | ☆ | 8.00 | .314 | 7.80 | .307 | 98.79 | 3.889 | 16.00 | .629 | 20 | 290 | COROMANT |
| 8.50 | .334 | 60.00 | 2.362 | 10 | 0.00 | 0.01 | 835.T-0850-A1-PF | ☆ | ☆ | 10.00 | .393 | 8.30 | .326 | 98.72 | 3.886 | 20.00 | .787 | 20 | 290 | COROMANT |
| 9.00 | .354 | 60.00 | 2.362 | 10 | 0.00 | 0.01 | 835.T-0900-A1-PF | ☆ | ☆ | 10.00 | .393 | 8.80 | .346 | 98.65 | 3.883 | 20.00 | .787 | 20 | 290 | COROMANT |
| 9.50 | .374 | 80.00 | 3.149 | 10 | 0.00 | 0.01 | 835.T-0950-A1-PF | ☆ | ☆ | 10.00 | .393 | 9.30 | .366 | 118.57 | 4.668 | 20.00 | .787 | 20 | 290 | COROMANT |
| 9.97 | .392 | 80.00 | 3.149 | 10 | 0.00 | 0.01 | 835.T-0997-A1-PF | ☆ | ☆ | 10.00 | .393 | 9.80 | .385 | 118.50 | 4.665 | 20.00 | .787 | 20 | 290 | COROMANT |
| 9.98 | .392 | 80.00 | 3.149 | 10 | 0.00 | 0.01 | 835.T-0998-A1-PF | ☆ | ☆ | 10.00 | .393 | 9.80 | .385 | 118.50 | 4.665 | 20.00 | .787 | 20 | 290 | COROMANT |
| 9.99 | .393 | 80.00 | 3.149 | 10 | 0.00 | 0.01 | 835.T-0999-A1-PF | ☆ | ☆ | 10.00 | .393 | 9.80 | .385 | 118.50 | 4.665 | 20.00 | .787 | 20 | 290 | COROMANT |
| 10.00 | .393 | 80.00 | 3.149 | 10 | 0.00 | 0.01 | 835.T-1000-A1-PF | ☆ | ☆ | 10.00 | .393 | 9.80 | .385 | 118.50 | 4.665 | 20.00 | .787 | 20 | 290 | COROMANT |
| 10.01 | .394 | 80.00 | 3.149 | 10 | 0.00 | 0.01 | 835.T-1001-A1-PF | ☆ | ☆ | 10.00 | .393 | 9.80 | .385 | 118.50 | 4.665 | 20.00 | .787 | 20 | 290 | COROMANT |
| 10.02 | .394 | 80.00 | 3.149 | 10 | 0.00 | 0.01 | 835.T-1002-A1-PF | ☆ | ☆ | 10.00 | .393 | 9.80 | .385 | 118.49 | 4.664 | 20.00 | .787 | 20 | 290 | COROMANT |
| 10.03 | .394 | 80.00 | 3.149 | 10 | 0.00 | 0.01 | 835.T-1003-A1-PF | ☆ | ☆ | 10.00 | .393 | 9.80 | .385 | 118.49 | 4.664 | 20.00 | .787 | 20 | 290 | COROMANT |
| 10.50 | .413 | 75.00 | 2.952 | 12 | 0.00 | 0.01 | 835.T-1050-A1-PF | ☆ | ☆ | 12.00 | .472 | 10.30 | .405 | 118.42 | 4.662 | 20.00 | .787 | 20 | 290 | COROMANT |
| 11.00 | .433 | 75.00 | 2.952 | 12 | 0.00 | 0.01 | 835.T-1100-A1-PF | ☆ | ☆ | 12.00 | .472 | 10.80 | .425 | 118.35 | 4.659 | 20.00 | .787 | 20 | 290 | COROMANT |
| 11.50 | .452 | 75.00 | 2.952 | 12 | 0.00 | 0.01 | 835.T-1150-A1-PF | ☆ | ☆ | 12.00 | .472 | 11.30 | .444 | 118.27 | 4.656 | 20.00 | .787 | 20 | 290 | COROMANT |
| 11.97 | .471 | 75.00 | 2.952 | 12 | 0.00 | 0.01 | 835.T-1197-A1-PF | ☆ | ☆ | 12.00 | .472 | 11.80 | .464 | 118.20 | 4.653 | 20.00 | .787 | 20 | 290 | COROMANT |
| 11.98 | .471 | 75.00 | 2.952 | 12 | 0.00 | 0.01 | 835.T-1198-A1-PF | ☆ | ☆ | 12.00 | .472 | 11.80 | .464 | 118.20 | 4.653 | 20.00 | .787 | 20 | 290 | COROMANT |

Q5

Q5

N20

Q1

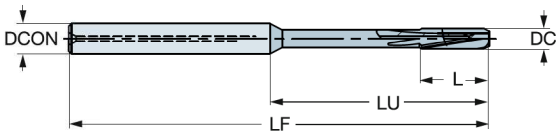
Q35

# CoroReamer™ 835, rozwiertak węglikowy

**Śrubowe rowki wiórowe**

**Do otworów przelotowych**

TCHA H7
CNSC 1



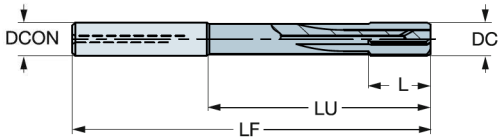

| DC | DC" | LU | LU" | $CZC_{MS}$ | TCHAL | TCHAU | Oznaczenie | P 1024 | K 1024 | Wymiary, mm, *cale* DCON | DCON" | PHD | PHD" | LF | LF" | L | L" | CP Bar | CP PSI | BSG |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11.99 | .472 | 75.00 | 2.952 | 12 | 0.00 | 0.01 | **835.T-1199-A1-PF** | ☆ | ☆ | 12.00 | .472 | 11.80 | .464 | 118.20 | 4.653 | 20.00 | .787 | 20 | 290 | COROMANT |
| 12.00 | .472 | 75.00 | 2.952 | 12 | 0.00 | 0.01 | **835.T-1200-A1-PF** | ☆ | ☆ | 12.00 | .472 | 11.80 | .464 | 118.20 | 4.653 | 20.00 | .787 | 20 | 290 | COROMANT |
| 12.01 | .472 | 75.00 | 2.952 | 12 | 0.00 | 0.01 | **835.T-1201-A1-PF** | ☆ | ☆ | 12.00 | .472 | 11.80 | .464 | 118.20 | 4.653 | 20.00 | .787 | 20 | 290 | COROMANT |
| 12.02 | .473 | 75.00 | 2.952 | 12 | 0.00 | 0.01 | **835.T-1202-A1-PF** | ☆ | ☆ | 12.00 | .472 | 11.80 | .464 | 118.19 | 4.653 | 20.00 | .787 | 20 | 290 | COROMANT |
| 12.03 | .473 | 75.00 | 2.952 | 12 | 0.00 | 0.01 | **835.T-1203-A1-PF** | ☆ | ☆ | 12.00 | .472 | 11.80 | .464 | 118.19 | 4.653 | 20.00 | .787 | 20 | 290 | COROMANT |
| 13.00 | .511 | 85.00 | 3.346 | 14 | 0.00 | 0.01 | **835.T-1300-A1-PF** | ☆ | ☆ | 14.00 | .551 | 12.80 | .503 | 128.05 | 5.041 | 22.00 | .866 | 20 | 290 | COROMANT |
| 14.00 | .551 | 85.00 | 3.346 | 14 | 0.00 | 0.01 | **835.T-1400-A1-PF** | ☆ | ☆ | 14.00 | .551 | 13.80 | .543 | 127.90 | 5.035 | 22.00 | .866 | 20 | 290 | COROMANT |
| 15.00 | .590 | 82.00 | 3.228 | 16 | 0.00 | 0.01 | **835.T-1500-A1-PF** | ☆ | ☆ | 16.00 | .629 | 14.80 | .582 | 127.75 | 5.029 | 22.00 | .866 | 20 | 290 | COROMANT |
| 16.00 | .629 | 102.00 | 4.015 | 16 | 0.00 | 0.01 | **835.T-1600-A1-PF** | ☆ | ☆ | 16.00 | .629 | 15.80 | .622 | 147.60 | 5.811 | 25.00 | .984 | 20 | 290 | COROMANT |
| 17.00 | .669 | 102.00 | 4.015 | 18 | 0.00 | 0.01 | **835.T-1700-A1-PF** | ☆ | ☆ | 18.00 | .708 | 16.80 | .661 | 147.45 | 5.805 | 25.00 | .984 | 20 | 290 | COROMANT |
| 18.00 | .708 | 102.00 | 4.015 | 18 | 0.00 | 0.01 | **835.T-1800-A1-PF** | ☆ | ☆ | 18.00 | .708 | 17.80 | .700 | 147.30 | 5.799 | 25.00 | .984 | 20 | 290 | COROMANT |
| 19.00 | .748 | 100.00 | 3.937 | 20 | 0.00 | 0.02 | **835.T-1900-A1-PF** | ☆ | ☆ | 20.00 | .787 | 18.80 | .740 | 147.14 | 5.792 | 25.00 | .984 | 20 | 290 | COROMANT |
| 20.00 | .787 | 100.00 | 3.937 | 20 | 0.00 | 0.02 | **835.T-2000-A1-PF** | ☆ | ☆ | 20.00 | .787 | 19.80 | .779 | 146.99 | 5.787 | 25.00 | .984 | 20 | 290 | COROMANT |

# CoroReamer™ 835, rozwiertak węglikowy

**Proste rowki wiórowe**

**Do otworów nieprzelotowych**

TCHA H7
CNSC 1




| DC | DC" | LU | LU" | $CZC_{MS}$ | TCHAL | TCHAU | Oznaczenie | M 1024 | Wymiary, mm, *cale* DCON | DCON" | PHD | PHD" | LF | LF" | L | L" | CP Bar | CP PSI | BSG |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3.97 | .156 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.B-0397-A1-MF | ☆ | 6.00 | .236 | 3.80 | .149 | 74.40 | 2.929 | 12.00 | .472 | 20 | 290 | COROMANT |
| 3.98 | .156 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.B-0398-A1-MF | ☆ | 6.00 | .236 | 3.80 | .149 | 74.40 | 2.929 | 12.00 | .472 | 20 | 290 | COROMANT |
| 3.99 | .157 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.B-0399-A1-MF | ☆ | 6.00 | .236 | 3.80 | .149 | 74.40 | 2.929 | 12.00 | .472 | 20 | 290 | COROMANT |
| 4.00 | .157 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.B-0400-A1-MF | ☆ | 6.00 | .236 | 3.80 | .149 | 74.40 | 2.929 | 12.00 | .472 | 20 | 290 | COROMANT |
| 4.01 | .157 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.B-0401-A1-MF | ☆ | 6.00 | .236 | 3.80 | .149 | 74.40 | 2.929 | 12.00 | .472 | 20 | 290 | COROMANT |
| 4.02 | .158 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.B-0402-A1-MF | ☆ | 6.00 | .236 | 3.80 | .149 | 74.40 | 2.929 | 12.00 | .472 | 20 | 290 | COROMANT |
| 4.03 | .158 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.B-0403-A1-MF | ☆ | 6.00 | .236 | 3.80 | .149 | 74.39 | 2.928 | 12.00 | .472 | 20 | 290 | COROMANT |
| 4.50 | .177 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.B-0450-A1-MF | ☆ | 6.00 | .236 | 4.30 | .169 | 74.32 | 2.925 | 12.00 | .472 | 20 | 290 | COROMANT |
| 4.97 | .195 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.B-0497-A1-MF | ☆ | 6.00 | .236 | 4.80 | .188 | 74.25 | 2.923 | 12.00 | .472 | 20 | 290 | COROMANT |
| 4.98 | .196 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.B-0498-A1-MF | ☆ | 6.00 | .236 | 4.80 | .188 | 74.25 | 2.923 | 12.00 | .472 | 20 | 290 | COROMANT |
| 4.99 | .196 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.B-0499-A1-MF | ☆ | 6.00 | .236 | 4.80 | .188 | 74.25 | 2.923 | 12.00 | .472 | 20 | 290 | COROMANT |
| 5.00 | .196 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.B-0500-A1-MF | ☆ | 6.00 | .236 | 4.80 | .188 | 74.25 | 2.923 | 12.00 | .472 | 20 | 290 | COROMANT |
| 5.01 | .197 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.B-0501-A1-MF | ☆ | 6.00 | .236 | 4.80 | .188 | 74.25 | 2.923 | 12.00 | .472 | 20 | 290 | COROMANT |
| 5.02 | .197 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.B-0502-A1-MF | ☆ | 6.00 | .236 | 4.80 | .188 | 74.25 | 2.923 | 12.00 | .472 | 20 | 290 | COROMANT |
| 5.03 | .198 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.B-0503-A1-MF | ☆ | 6.00 | .236 | 4.80 | .188 | 74.24 | 2.922 | 12.00 | .472 | 20 | 290 | COROMANT |
| 5.50 | .216 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.B-0550-A1-MF | ☆ | 6.00 | .236 | 5.30 | .208 | 74.17 | 2.920 | 12.00 | .472 | 20 | 290 | COROMANT |
| 5.97 | .235 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.B-0597-A1-MF | ☆ | 6.00 | .236 | 5.80 | .228 | 74.10 | 2.917 | 12.00 | .472 | 20 | 290 | COROMANT |
| 5.98 | .235 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.B-0598-A1-MF | ☆ | 6.00 | .236 | 5.80 | .228 | 74.10 | 2.917 | 12.00 | .472 | 20 | 290 | COROMANT |
| 5.99 | .235 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.B-0599-A1-MF | ☆ | 6.00 | .236 | 5.80 | .228 | 74.10 | 2.917 | 12.00 | .472 | 20 | 290 | COROMANT |
| 6.00 | .236 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.B-0600-A1-MF | ☆ | 6.00 | .236 | 5.80 | .228 | 74.10 | 2.917 | 12.00 | .472 | 20 | 290 | COROMANT |
| 6.01 | .236 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.B-0601-A1-MF | ☆ | 6.00 | .236 | 5.80 | .228 | 74.10 | 2.917 | 12.00 | .472 | 20 | 290 | COROMANT |
| 6.02 | .237 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.B-0602-A1-MF | ☆ | 6.00 | .236 | 5.80 | .228 | 74.10 | 2.917 | 12.00 | .472 | 20 | 290 | COROMANT |
| 6.03 | .237 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.B-0603-A1-MF | ☆ | 6.00 | .236 | 5.80 | .228 | 74.09 | 2.916 | 12.00 | .472 | 20 | 290 | COROMANT |
| 6.50 | .255 | 64.00 | 2.519 | 8 | 0.00 | 0.01 | 835.B-0650-A1-MF | ☆ | 8.00 | .314 | 6.30 | .248 | 99.02 | 3.898 | 16.00 | .629 | 20 | 290 | COROMANT |
| 7.00 | .275 | 64.00 | 2.519 | 8 | 0.00 | 0.01 | 835.B-0700-A1-MF | ☆ | 8.00 | .314 | 6.80 | .267 | 98.95 | 3.895 | 16.00 | .629 | 20 | 290 | COROMANT |
| 7.50 | .295 | 64.00 | 2.519 | 8 | 0.00 | 0.01 | 835.B-0750-A1-MF | ☆ | 8.00 | .314 | 7.30 | .287 | 98.87 | 3.892 | 16.00 | .629 | 20 | 290 | COROMANT |
| 7.97 | .313 | 64.00 | 2.519 | 8 | 0.00 | 0.01 | 835.B-0797-A1-MF | ☆ | 8.00 | .314 | 7.80 | .307 | 98.80 | 3.889 | 16.00 | .629 | 20 | 290 | COROMANT |
| 7.98 | .314 | 64.00 | 2.519 | 8 | 0.00 | 0.01 | 835.B-0798-A1-MF | ☆ | 8.00 | .314 | 7.80 | .307 | 98.80 | 3.889 | 16.00 | .629 | 20 | 290 | COROMANT |
| 7.99 | .314 | 64.00 | 2.519 | 8 | 0.00 | 0.01 | 835.B-0799-A1-MF | ☆ | 8.00 | .314 | 7.80 | .307 | 98.80 | 3.889 | 16.00 | .629 | 20 | 290 | COROMANT |
| 8.00 | .314 | 64.00 | 2.519 | 8 | 0.00 | 0.01 | 835.B-0800-A1-MF | ☆ | 8.00 | .314 | 7.80 | .307 | 98.80 | 3.889 | 16.00 | .629 | 20 | 290 | COROMANT |
| 8.01 | .315 | 64.00 | 2.519 | 8 | 0.00 | 0.01 | 835.B-0801-A1-MF | ☆ | 8.00 | .314 | 7.80 | .307 | 98.80 | 3.889 | 16.00 | .629 | 20 | 290 | COROMANT |
| 8.02 | .315 | 64.00 | 2.519 | 8 | 0.00 | 0.01 | 835.B-0802-A1-MF | ☆ | 8.00 | .314 | 7.80 | .307 | 98.79 | 3.889 | 16.00 | .629 | 20 | 290 | COROMANT |
| 8.03 | .316 | 64.00 | 2.519 | 8 | 0.00 | 0.01 | 835.B-0803-A1-MF | ☆ | 8.00 | .314 | 7.80 | .307 | 98.79 | 3.889 | 16.00 | .629 | 20 | 290 | COROMANT |
| 8.50 | .334 | 60.00 | 2.362 | 10 | 0.00 | 0.01 | 835.B-0850-A1-MF | ☆ | 10.00 | .393 | 8.30 | .326 | 98.72 | 3.886 | 20.00 | .787 | 20 | 290 | COROMANT |
| 9.00 | .354 | 60.00 | 2.362 | 10 | 0.00 | 0.01 | 835.B-0900-A1-MF | ☆ | 10.00 | .393 | 8.80 | .346 | 98.65 | 3.883 | 20.00 | .787 | 20 | 290 | COROMANT |
| 9.50 | .374 | 80.00 | 3.149 | 10 | 0.00 | 0.01 | 835.B-0950-A1-MF | ☆ | 10.00 | .393 | 9.30 | .366 | 118.57 | 4.668 | 20.00 | .787 | 20 | 290 | COROMANT |
| 9.97 | .392 | 80.00 | 3.149 | 10 | 0.00 | 0.01 | 835.B-0997-A1-MF | ☆ | 10.00 | .393 | 9.80 | .385 | 118.50 | 4.665 | 20.00 | .787 | 20 | 290 | COROMANT |
| 9.98 | .392 | 80.00 | 3.149 | 10 | 0.00 | 0.01 | 835.B-0998-A1-MF | ☆ | 10.00 | .393 | 9.80 | .385 | 118.50 | 4.665 | 20.00 | .787 | 20 | 290 | COROMANT |
| 9.99 | .393 | 80.00 | 3.149 | 10 | 0.00 | 0.01 | 835.B-0999-A1-MF | ☆ | 10.00 | .393 | 9.80 | .385 | 118.50 | 4.665 | 20.00 | .787 | 20 | 290 | COROMANT |
| 10.00 | .393 | 80.00 | 3.149 | 10 | 0.00 | 0.01 | 835.B-1000-A1-MF | ☆ | 10.00 | .393 | 9.80 | .385 | 118.50 | 4.665 | 20.00 | .787 | 20 | 290 | COROMANT |
| 10.01 | .394 | 80.00 | 3.149 | 10 | 0.00 | 0.01 | 835.B-1001-A1-MF | ☆ | 10.00 | .393 | 9.80 | .385 | 118.50 | 4.665 | 20.00 | .787 | 20 | 290 | COROMANT |
| 10.02 | .394 | 80.00 | 3.149 | 10 | 0.00 | 0.01 | 835.B-1002-A1-MF | ☆ | 10.00 | .393 | 9.80 | .385 | 118.49 | 4.664 | 20.00 | .787 | 20 | 290 | COROMANT |
| 10.03 | .394 | 80.00 | 3.149 | 10 | 0.00 | 0.01 | 835.B-1003-A1-MF | ☆ | 10.00 | .393 | 9.80 | .385 | 118.49 | 4.664 | 20.00 | .787 | 20 | 290 | COROMANT |
| 10.50 | .413 | 75.00 | 2.952 | 12 | 0.00 | 0.01 | 835.B-1050-A1-MF | ☆ | 12.00 | .472 | 10.30 | .405 | 118.42 | 4.662 | 20.00 | .787 | 20 | 290 | COROMANT |
| 11.00 | .433 | 75.00 | 2.952 | 12 | 0.00 | 0.01 | 835.B-1100-A1-MF | ☆ | 12.00 | .472 | 10.80 | .425 | 118.35 | 4.659 | 20.00 | .787 | 20 | 290 | COROMANT |
| 11.50 | .452 | 75.00 | 2.952 | 12 | 0.00 | 0.01 | 835.B-1150-A1-MF | ☆ | 12.00 | .472 | 11.30 | .444 | 118.27 | 4.656 | 20.00 | .787 | 20 | 290 | COROMANT |
| 11.97 | .471 | 75.00 | 2.952 | 12 | 0.00 | 0.01 | 835.B-1197-A1-MF | ☆ | 12.00 | .472 | 11.80 | .464 | 118.20 | 4.653 | 20.00 | .787 | 20 | 290 | COROMANT |
| 11.98 | .471 | 75.00 | 2.952 | 12 | 0.00 | 0.01 | 835.B-1198-A1-MF | ☆ | 12.00 | .472 | 11.80 | .464 | 118.20 | 4.653 | 20.00 | .787 | 20 | 290 | COROMANT |

O5

Q5

N20

Q1

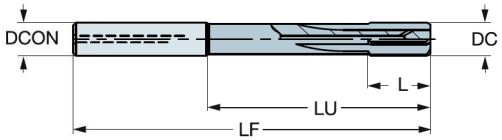
Q35

# CoroReamer™ 835, rozwiertak węglikowy

**Proste rowki wiórowe**

**Do otworów nieprzelotowych**

TCHA H7
CNSC 1



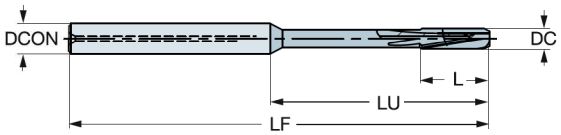

| DC | DC" | LU | LU" | CZC$_{MS}$ | TCHAL | TCHAU | Oznaczenie | M 1024 | Wymiary, mm, *cale* DCON | DCON" | PHD | PHD" | LF | LF" | L | L" | CP Bar | CP PSI | BSG |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11.99 | .472 | 75.00 | 2.952 | 12 | 0.00 | 0.01 | **835.B-1199-A1-MF** | ☆ | 12.00 | .472 | 11.80 | .464 | 118.20 | 4.653 | 20.00 | .787 | 20 | 290 | COROMANT |
| 12.00 | .472 | 75.00 | 2.952 | 12 | 0.00 | 0.01 | **835.B-1200-A1-MF** | ☆ | 12.00 | .472 | 11.80 | .464 | 118.20 | 4.653 | 20.00 | .787 | 20 | 290 | COROMANT |
| 12.01 | .472 | 75.00 | 2.952 | 12 | 0.00 | 0.01 | **835.B-1201-A1-MF** | ☆ | 12.00 | .472 | 11.80 | .464 | 118.20 | 4.653 | 20.00 | .787 | 20 | 290 | COROMANT |
| 12.02 | .473 | 75.00 | 2.952 | 12 | 0.00 | 0.01 | **835.B-1202-A1-MF** | ☆ | 12.00 | .472 | 11.80 | .464 | 118.19 | 4.653 | 20.00 | .787 | 20 | 290 | COROMANT |
| 12.03 | .473 | 75.00 | 2.952 | 12 | 0.00 | 0.01 | **835.B-1203-A1-MF** | ☆ | 12.00 | .472 | 11.80 | .464 | 118.19 | 4.653 | 20.00 | .787 | 20 | 290 | COROMANT |
| 13.00 | .511 | 85.00 | 3.346 | 14 | 0.00 | 0.01 | **835.B-1300-A1-MF** | ☆ | 14.00 | .551 | 12.80 | .503 | 128.05 | 5.041 | 22.00 | .866 | 20 | 290 | COROMANT |
| 14.00 | .551 | 85.00 | 3.346 | 14 | 0.00 | 0.01 | **835.B-1400-A1-MF** | ☆ | 14.00 | .551 | 13.80 | .543 | 127.90 | 5.035 | 22.00 | .866 | 20 | 290 | COROMANT |
| 15.00 | .590 | 82.00 | 3.228 | 16 | 0.00 | 0.01 | **835.B-1500-A1-MF** | ☆ | 16.00 | .629 | 14.80 | .582 | 127.75 | 5.029 | 22.00 | .866 | 20 | 290 | COROMANT |
| 16.00 | .629 | 102.00 | 4.015 | 16 | 0.00 | 0.01 | **835.B-1600-A1-MF** | ☆ | 16.00 | .629 | 15.80 | .622 | 147.60 | 5.811 | 25.00 | .984 | 20 | 290 | COROMANT |
| 17.00 | .669 | 102.00 | 4.015 | 18 | 0.00 | 0.01 | **835.B-1700-A1-MF** | ☆ | 18.00 | .708 | 16.80 | .661 | 147.45 | 5.805 | 25.00 | .984 | 20 | 290 | COROMANT |
| 18.00 | .708 | 102.00 | 4.015 | 18 | 0.00 | 0.01 | **835.B-1800-A1-MF** | ☆ | 18.00 | .708 | 17.80 | .700 | 147.30 | 5.799 | 25.00 | .984 | 20 | 290 | COROMANT |
| 19.00 | .748 | 100.00 | 3.937 | 20 | 0.00 | 0.02 | **835.B-1900-A1-MF** | ☆ | 20.00 | .787 | 18.80 | .740 | 147.14 | 5.792 | 25.00 | .984 | 20 | 290 | COROMANT |
| 20.00 | .787 | 100.00 | 3.937 | 20 | 0.00 | 0.02 | **835.B-2000-A1-MF** | ☆ | 20.00 | .787 | 19.80 | .779 | 146.99 | 5.787 | 25.00 | .984 | 20 | 290 | COROMANT |

# CoroReamer™ 835, rozwiertak węglikowy

**Śrubowe rowki wiórowe**

**Do otworów przelotowych**

TCHA H7
CNSC 1




| DC | DC" | LU | LU" | $CZC_{MS}$ | TCHAL | TCHAU | Oznaczenie | M 1024 | Wymiary, mm, *cale* DCON | DCON" | PHD | PHD" | LF | LF" | L | L" | CP Bar | CP PSI | BSG |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3.97 | .156 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.T-0397-A1-MF | ☆ | 6.00 | .236 | 3.80 | .149 | 74.40 | 2.929 | 12.00 | .472 | 20 | 290 | COROMANT |
| 3.98 | .156 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.T-0398-A1-MF | ☆ | 6.00 | .236 | 3.80 | .149 | 74.40 | 2.929 | 12.00 | .472 | 20 | 290 | COROMANT |
| 3.99 | .157 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.T-0399-A1-MF | ☆ | 6.00 | .236 | 3.80 | .149 | 74.40 | 2.929 | 12.00 | .472 | 20 | 290 | COROMANT |
| 4.00 | .157 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.T-0400-A1-MF | ☆ | 6.00 | .236 | 3.80 | .149 | 74.40 | 2.929 | 12.00 | .472 | 20 | 290 | COROMANT |
| 4.01 | .157 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.T-0401-A1-MF | ☆ | 6.00 | .236 | 3.80 | .149 | 74.40 | 2.929 | 12.00 | .472 | 20 | 290 | COROMANT |
| 4.02 | .158 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.T-0402-A1-MF | ☆ | 6.00 | .236 | 3.80 | .149 | 74.40 | 2.929 | 12.00 | .472 | 20 | 290 | COROMANT |
| 4.03 | .158 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.T-0403-A1-MF | ☆ | 6.00 | .236 | 3.80 | .149 | 74.39 | 2.928 | 12.00 | .472 | 20 | 290 | COROMANT |
| 4.50 | .177 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.T-0450-A1-MF | ☆ | 6.00 | .236 | 4.30 | .169 | 74.32 | 2.925 | 12.00 | .472 | 20 | 290 | COROMANT |
| 4.97 | .195 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.T-0497-A1-MF | ☆ | 6.00 | .236 | 4.80 | .188 | 74.25 | 2.923 | 12.00 | .472 | 20 | 290 | COROMANT |
| 4.98 | .196 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.T-0498-A1-MF | ☆ | 6.00 | .236 | 4.80 | .188 | 74.25 | 2.923 | 12.00 | .472 | 20 | 290 | COROMANT |
| 4.99 | .196 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.T-0499-A1-MF | ☆ | 6.00 | .236 | 4.80 | .188 | 74.25 | 2.923 | 12.00 | .472 | 20 | 290 | COROMANT |
| 5.00 | .196 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.T-0500-A1-MF | ☆ | 6.00 | .236 | 4.80 | .188 | 74.25 | 2.923 | 12.00 | .472 | 20 | 290 | COROMANT |
| 5.01 | .197 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.T-0501-A1-MF | ☆ | 6.00 | .236 | 4.80 | .188 | 74.25 | 2.923 | 12.00 | .472 | 20 | 290 | COROMANT |
| 5.02 | .197 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.T-0502-A1-MF | ☆ | 6.00 | .236 | 4.80 | .188 | 74.25 | 2.923 | 12.00 | .472 | 20 | 290 | COROMANT |
| 5.03 | .198 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.T-0503-A1-MF | ☆ | 6.00 | .236 | 4.80 | .188 | 74.24 | 2.922 | 12.00 | .472 | 20 | 290 | COROMANT |
| 5.50 | .216 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.T-0550-A1-MF | ☆ | 6.00 | .236 | 5.30 | .208 | 74.17 | 2.920 | 12.00 | .472 | 20 | 290 | COROMANT |
| 5.97 | .235 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.T-0597-A1-MF | ☆ | 6.00 | .236 | 5.80 | .228 | 74.10 | 2.917 | 12.00 | .472 | 20 | 290 | COROMANT |
| 5.98 | .235 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.T-0598-A1-MF | ☆ | 6.00 | .236 | 5.80 | .228 | 74.10 | 2.917 | 12.00 | .472 | 20 | 290 | COROMANT |
| 5.99 | .235 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.T-0599-A1-MF | ☆ | 6.00 | .236 | 5.80 | .228 | 74.10 | 2.917 | 12.00 | .472 | 20 | 290 | COROMANT |
| 6.00 | .236 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.T-0600-A1-MF | ☆ | 6.00 | .236 | 5.80 | .228 | 74.10 | 2.917 | 12.00 | .472 | 20 | 290 | COROMANT |
| 6.01 | .236 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.T-0601-A1-MF | ☆ | 6.00 | .236 | 5.80 | .228 | 74.10 | 2.917 | 12.00 | .472 | 20 | 290 | COROMANT |
| 6.02 | .237 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.T-0602-A1-MF | ☆ | 6.00 | .236 | 5.80 | .228 | 74.10 | 2.917 | 12.00 | .472 | 20 | 290 | COROMANT |
| 6.03 | .237 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 835.T-0603-A1-MF | ☆ | 6.00 | .236 | 5.80 | .228 | 74.09 | 2.916 | 12.00 | .472 | 20 | 290 | COROMANT |
| 6.50 | .255 | 64.00 | 2.519 | 8 | 0.00 | 0.01 | 835.T-0650-A1-MF | ☆ | 8.00 | .314 | 6.30 | .248 | 99.02 | 3.898 | 16.00 | .629 | 20 | 290 | COROMANT |
| 7.00 | .275 | 64.00 | 2.519 | 8 | 0.00 | 0.01 | 835.T-0700-A1-MF | ☆ | 8.00 | .314 | 6.80 | .267 | 98.95 | 3.895 | 16.00 | .629 | 20 | 290 | COROMANT |
| 7.50 | .295 | 64.00 | 2.519 | 8 | 0.00 | 0.01 | 835.T-0750-A1-MF | ☆ | 8.00 | .314 | 7.30 | .287 | 98.87 | 3.892 | 16.00 | .629 | 20 | 290 | COROMANT |
| 7.97 | .313 | 64.00 | 2.519 | 8 | 0.00 | 0.01 | 835.T-0797-A1-MF | ☆ | 8.00 | .314 | 7.80 | .307 | 98.80 | 3.889 | 16.00 | .629 | 20 | 290 | COROMANT |
| 7.98 | .314 | 64.00 | 2.519 | 8 | 0.00 | 0.01 | 835.T-0798-A1-MF | ☆ | 8.00 | .314 | 7.80 | .307 | 98.80 | 3.889 | 16.00 | .629 | 20 | 290 | COROMANT |
| 7.99 | .314 | 64.00 | 2.519 | 8 | 0.00 | 0.01 | 835.T-0799-A1-MF | ☆ | 8.00 | .314 | 7.80 | .307 | 98.80 | 3.889 | 16.00 | .629 | 20 | 290 | COROMANT |
| 8.00 | .314 | 64.00 | 2.519 | 8 | 0.00 | 0.01 | 835.T-0800-A1-MF | ☆ | 8.00 | .314 | 7.80 | .307 | 98.80 | 3.889 | 16.00 | .629 | 20 | 290 | COROMANT |
| 8.01 | .315 | 64.00 | 2.519 | 8 | 0.00 | 0.01 | 835.T-0801-A1-MF | ☆ | 8.00 | .314 | 7.80 | .307 | 98.80 | 3.889 | 16.00 | .629 | 20 | 290 | COROMANT |
| 8.02 | .315 | 64.00 | 2.519 | 8 | 0.00 | 0.01 | 835.T-0802-A1-MF | ☆ | 8.00 | .314 | 7.80 | .307 | 98.79 | 3.889 | 16.00 | .629 | 20 | 290 | COROMANT |
| 8.03 | .316 | 64.00 | 2.519 | 8 | 0.00 | 0.01 | 835.T-0803-A1-MF | ☆ | 8.00 | .314 | 7.80 | .307 | 98.79 | 3.889 | 16.00 | .629 | 20 | 290 | COROMANT |
| 8.50 | .334 | 60.00 | 2.362 | 10 | 0.00 | 0.01 | 835.T-0850-A1-MF | ☆ | 10.00 | .393 | 8.30 | .326 | 98.72 | 3.886 | 20.00 | .787 | 20 | 290 | COROMANT |
| 9.00 | .354 | 60.00 | 2.362 | 10 | 0.00 | 0.01 | 835.T-0900-A1-MF | ☆ | 10.00 | .393 | 8.80 | .346 | 98.65 | 3.883 | 20.00 | .787 | 20 | 290 | COROMANT |
| 9.50 | .374 | 80.00 | 3.149 | 10 | 0.00 | 0.01 | 835.T-0950-A1-MF | ☆ | 10.00 | .393 | 9.30 | .366 | 118.57 | 4.668 | 20.00 | .787 | 20 | 290 | COROMANT |
| 9.97 | .392 | 80.00 | 3.149 | 10 | 0.00 | 0.01 | 835.T-0997-A1-MF | ☆ | 10.00 | .393 | 9.80 | .385 | 118.50 | 4.665 | 20.00 | .787 | 20 | 290 | COROMANT |
| 9.98 | .392 | 80.00 | 3.149 | 10 | 0.00 | 0.01 | 835.T-0998-A1-MF | ☆ | 10.00 | .393 | 9.80 | .385 | 118.50 | 4.665 | 20.00 | .787 | 20 | 290 | COROMANT |
| 9.99 | .393 | 80.00 | 3.149 | 10 | 0.00 | 0.01 | 835.T-0999-A1-MF | ☆ | 10.00 | .393 | 9.80 | .385 | 118.50 | 4.665 | 20.00 | .787 | 20 | 290 | COROMANT |
| 10.00 | .393 | 80.00 | 3.149 | 10 | 0.00 | 0.01 | 835.T-1000-A1-MF | ☆ | 10.00 | .393 | 9.80 | .385 | 118.50 | 4.665 | 20.00 | .787 | 20 | 290 | COROMANT |
| 10.01 | .394 | 80.00 | 3.149 | 10 | 0.00 | 0.01 | 835.T-1001-A1-MF | ☆ | 10.00 | .393 | 9.80 | .385 | 118.50 | 4.665 | 20.00 | .787 | 20 | 290 | COROMANT |
| 10.02 | .394 | 80.00 | 3.149 | 10 | 0.00 | 0.01 | 835.T-1002-A1-MF | ☆ | 10.00 | .393 | 9.80 | .385 | 118.49 | 4.664 | 20.00 | .787 | 20 | 290 | COROMANT |
| 10.03 | .394 | 80.00 | 3.149 | 10 | 0.00 | 0.01 | 835.T-1003-A1-MF | ☆ | 10.00 | .393 | 9.80 | .385 | 118.49 | 4.664 | 20.00 | .787 | 20 | 290 | COROMANT |
| 10.50 | .413 | 75.00 | 2.952 | 12 | 0.00 | 0.01 | 835.T-1050-A1-MF | ☆ | 12.00 | .472 | 10.30 | .405 | 118.42 | 4.662 | 20.00 | .787 | 20 | 290 | COROMANT |
| 11.00 | .433 | 75.00 | 2.952 | 12 | 0.00 | 0.01 | 835.T-1100-A1-MF | ☆ | 12.00 | .472 | 10.80 | .425 | 118.35 | 4.659 | 20.00 | .787 | 20 | 290 | COROMANT |
| 11.50 | .452 | 75.00 | 2.952 | 12 | 0.00 | 0.01 | 835.T-1150-A1-MF | ☆ | 12.00 | .472 | 11.30 | .444 | 118.27 | 4.656 | 20.00 | .787 | 20 | 290 | COROMANT |
| 11.97 | .471 | 75.00 | 2.952 | 12 | 0.00 | 0.01 | 835.T-1197-A1-MF | ☆ | 12.00 | .472 | 11.80 | .464 | 118.20 | 4.653 | 20.00 | .787 | 20 | 290 | COROMANT |
| 11.98 | .471 | 75.00 | 2.952 | 12 | 0.00 | 0.01 | 835.T-1198-A1-MF | ☆ | 12.00 | .472 | 11.80 | .464 | 118.20 | 4.653 | 20.00 | .787 | 20 | 290 | COROMANT |

O5

Q5

N20

Q1

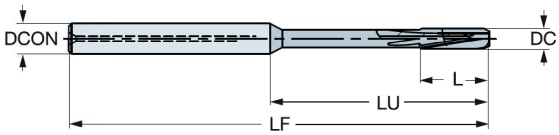
Q35

# CoroReamer™ 835, rozwiertak węglikowy

**Śrubowe rowki wiórowe**

**Do otworów przelotowych**

TCHA H7
CNSC 1



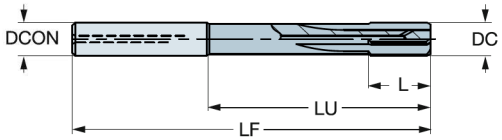

| DC | DC" | LU | LU" | CZC$_{MS}$ | TCHAL | TCHAU | Oznaczenie | M 1024 | Wymiary, mm, *cale* DCON | DCON" | PHD | PHD" | LF | LF" | L | L" | CP Bar | CP PSI | BSG |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11.99 | .472 | 75.00 | 2.952 | 12 | 0.00 | 0.01 | **835.T-1199-A1-MF** | ☆ | 12.00 | .472 | 11.80 | .464 | 118.20 | 4.653 | 20.00 | .787 | 20 | 290 | COROMANT |
| 12.00 | .472 | 75.00 | 2.952 | 12 | 0.00 | 0.01 | **835.T-1200-A1-MF** | ☆ | 12.00 | .472 | 11.80 | .464 | 118.20 | 4.653 | 20.00 | .787 | 20 | 290 | COROMANT |
| 12.01 | .472 | 75.00 | 2.952 | 12 | 0.00 | 0.01 | **835.T-1201-A1-MF** | ☆ | 12.00 | .472 | 11.80 | .464 | 118.20 | 4.653 | 20.00 | .787 | 20 | 290 | COROMANT |
| 12.02 | .473 | 75.00 | 2.952 | 12 | 0.00 | 0.01 | **835.T-1202-A1-MF** | ☆ | 12.00 | .472 | 11.80 | .464 | 118.19 | 4.653 | 20.00 | .787 | 20 | 290 | COROMANT |
| 12.03 | .473 | 75.00 | 2.952 | 12 | 0.00 | 0.01 | **835.T-1203-A1-MF** | ☆ | 12.00 | .472 | 11.80 | .464 | 118.19 | 4.653 | 20.00 | .787 | 20 | 290 | COROMANT |
| 13.00 | .511 | 85.00 | 3.346 | 14 | 0.00 | 0.01 | **835.T-1300-A1-MF** | ☆ | 14.00 | .551 | 12.80 | .503 | 128.05 | 5.041 | 22.00 | .866 | 20 | 290 | COROMANT |
| 14.00 | .551 | 85.00 | 3.346 | 14 | 0.00 | 0.01 | **835.T-1400-A1-MF** | ☆ | 14.00 | .551 | 13.80 | .543 | 127.90 | 5.035 | 22.00 | .866 | 20 | 290 | COROMANT |
| 15.00 | .590 | 82.00 | 3.228 | 16 | 0.00 | 0.01 | **835.T-1500-A1-MF** | ☆ | 16.00 | .629 | 14.80 | .582 | 127.75 | 5.029 | 22.00 | .866 | 20 | 290 | COROMANT |
| 16.00 | .629 | 102.00 | 4.015 | 16 | 0.00 | 0.01 | **835.T-1600-A1-MF** | ☆ | 16.00 | .629 | 15.80 | .622 | 147.60 | 5.811 | 25.00 | .984 | 20 | 290 | COROMANT |
| 17.00 | .669 | 102.00 | 4.015 | 18 | 0.00 | 0.01 | **835.T-1700-A1-MF** | ☆ | 18.00 | .708 | 16.80 | .661 | 147.45 | 5.805 | 25.00 | .984 | 20 | 290 | COROMANT |
| 18.00 | .708 | 102.00 | 4.015 | 18 | 0.00 | 0.01 | **835.T-1800-A1-MF** | ☆ | 18.00 | .708 | 17.80 | .700 | 147.30 | 5.799 | 25.00 | .984 | 20 | 290 | COROMANT |
| 19.00 | .748 | 100.00 | 3.937 | 20 | 0.00 | 0.02 | **835.T-1900-A1-MF** | ☆ | 20.00 | .787 | 18.80 | .740 | 147.14 | 5.792 | 25.00 | .984 | 20 | 290 | COROMANT |
| 20.00 | .787 | 100.00 | 3.937 | 20 | 0.00 | 0.02 | **835.T-2000-A1-MF** | ☆ | 20.00 | .787 | 19.80 | .779 | 146.99 | 5.787 | 25.00 | .984 | 20 | 290 | COROMANT |

# CoroReamer™ 435, rozwiertak węglikowy

**Proste rowki wiórowe**

**Do otworów nieprzelotowych**

TCHA H7
CNSC 1




| DC | DC" | LU | LU" | $CZC_{MS}$ | TCHAL | TCHAU | Oznaczenie | P H10F | K H10F | N H10F | Wymiary, mm, *cale* DCON | DCON" | PHD | PHD" | LF | LF" | L | L" | CP Bar | CP PSI | BSG |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3.97 | .156 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 435.B-0397-A1-XF | ☆ | ☆ | ☆ | 6.00 | .236 | 3.80 | .149 | 74.40 | 2.929 | 12.00 | .472 | 20 | 290 | COROMANT |
| 3.98 | .156 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 435.B-0398-A1-XF | ☆ | ☆ | ☆ | 6.00 | .236 | 3.80 | .149 | 74.40 | 2.929 | 12.00 | .472 | 20 | 290 | COROMANT |
| 3.99 | .157 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 435.B-0399-A1-XF | ☆ | ☆ | ☆ | 6.00 | .236 | 3.80 | .149 | 74.40 | 2.929 | 12.00 | .472 | 20 | 290 | COROMANT |
| 4.00 | .157 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 435.B-0400-A1-XF | ☆ | ☆ | ☆ | 6.00 | .236 | 3.80 | .149 | 74.40 | 2.929 | 12.00 | .472 | 20 | 290 | COROMANT |
| 4.01 | .157 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 435.B-0401-A1-XF | ☆ | ☆ | ☆ | 6.00 | .236 | 3.80 | .149 | 74.40 | 2.929 | 12.00 | .472 | 20 | 290 | COROMANT |
| 4.02 | .158 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 435.B-0402-A1-XF | ☆ | ☆ | ☆ | 6.00 | .236 | 3.80 | .149 | 74.40 | 2.929 | 12.00 | .472 | 20 | 290 | COROMANT |
| 4.03 | .158 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 435.B-0403-A1-XF | ☆ | ☆ | ☆ | 6.00 | .236 | 3.80 | .149 | 74.39 | 2.928 | 12.00 | .472 | 20 | 290 | COROMANT |
| 4.50 | .177 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 435.B-0450-A1-XF | ☆ | ☆ | ☆ | 6.00 | .236 | 4.30 | .169 | 74.32 | 2.925 | 12.00 | .472 | 20 | 290 | COROMANT |
| 4.97 | .195 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 435.B-0497-A1-XF | ☆ | ☆ | ☆ | 6.00 | .236 | 4.80 | .188 | 74.25 | 2.923 | 12.00 | .472 | 20 | 290 | COROMANT |
| 4.98 | .196 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 435.B-0498-A1-XF | ☆ | ☆ | ☆ | 6.00 | .236 | 4.80 | .188 | 74.25 | 2.923 | 12.00 | .472 | 20 | 290 | COROMANT |
| 4.99 | .196 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 435.B-0499-A1-XF | ☆ | ☆ | ☆ | 6.00 | .236 | 4.80 | .188 | 74.25 | 2.923 | 12.00 | .472 | 20 | 290 | COROMANT |
| 5.00 | .196 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 435.B-0500-A1-XF | ☆ | ☆ | ☆ | 6.00 | .236 | 4.80 | .188 | 74.25 | 2.923 | 12.00 | .472 | 20 | 290 | COROMANT |
| 5.01 | .197 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 435.B-0501-A1-XF | ☆ | ☆ | ☆ | 6.00 | .236 | 4.80 | .188 | 74.25 | 2.923 | 12.00 | .472 | 20 | 290 | COROMANT |
| 5.02 | .197 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 435.B-0502-A1-XF | ☆ | ☆ | ☆ | 6.00 | .236 | 4.80 | .188 | 74.25 | 2.923 | 12.00 | .472 | 20 | 290 | COROMANT |
| 5.03 | .198 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 435.B-0503-A1-XF | ☆ | ☆ | ☆ | 6.00 | .236 | 4.80 | .188 | 74.24 | 2.922 | 12.00 | .472 | 20 | 290 | COROMANT |
| 5.50 | .216 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 435.B-0550-A1-XF | ☆ | ☆ | ☆ | 6.00 | .236 | 5.30 | .208 | 74.17 | 2.920 | 12.00 | .472 | 20 | 290 | COROMANT |
| 5.97 | .235 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 435.B-0597-A1-XF | ☆ | ☆ | ☆ | 6.00 | .236 | 5.80 | .228 | 74.10 | 2.917 | 12.00 | .472 | 20 | 290 | COROMANT |
| 5.98 | .235 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 435.B-0598-A1-XF | ☆ | ☆ | ☆ | 6.00 | .236 | 5.80 | .228 | 74.10 | 2.917 | 12.00 | .472 | 20 | 290 | COROMANT |
| 5.99 | .235 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 435.B-0599-A1-XF | ☆ | ☆ | ☆ | 6.00 | .236 | 5.80 | .228 | 74.10 | 2.917 | 12.00 | .472 | 20 | 290 | COROMANT |
| 6.00 | .236 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 435.B-0600-A1-XF | ☆ | ☆ | ☆ | 6.00 | .236 | 5.80 | .228 | 74.10 | 2.917 | 12.00 | .472 | 20 | 290 | COROMANT |
| 6.01 | .236 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 435.B-0601-A1-XF | ☆ | ☆ | ☆ | 6.00 | .236 | 5.80 | .228 | 74.10 | 2.917 | 12.00 | .472 | 20 | 290 | COROMANT |
| 6.02 | .237 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 435.B-0602-A1-XF | ☆ | ☆ | ☆ | 6.00 | .236 | 5.80 | .228 | 74.10 | 2.917 | 12.00 | .472 | 20 | 290 | COROMANT |
| 6.03 | .237 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 435.B-0603-A1-XF | ☆ | ☆ | ☆ | 6.00 | .236 | 5.80 | .228 | 74.09 | 2.916 | 12.00 | .472 | 20 | 290 | COROMANT |
| 6.50 | .255 | 64.00 | 2.519 | 8 | 0.00 | 0.01 | 435.B-0650-A1-XF | ☆ | ☆ | ☆ | 8.00 | .314 | 6.30 | .248 | 99.02 | 3.898 | 16.00 | .629 | 20 | 290 | COROMANT |
| 7.00 | .275 | 64.00 | 2.519 | 8 | 0.00 | 0.01 | 435.B-0700-A1-XF | ☆ | ☆ | ☆ | 8.00 | .314 | 6.80 | .267 | 98.95 | 3.895 | 16.00 | .629 | 20 | 290 | COROMANT |
| 7.50 | .295 | 64.00 | 2.519 | 8 | 0.00 | 0.01 | 435.B-0750-A1-XF | ☆ | ☆ | ☆ | 8.00 | .314 | 7.30 | .287 | 98.87 | 3.892 | 16.00 | .629 | 20 | 290 | COROMANT |
| 7.97 | .313 | 64.00 | 2.519 | 8 | 0.00 | 0.01 | 435.B-0797-A1-XF | ☆ | ☆ | ☆ | 8.00 | .314 | 7.80 | .307 | 98.80 | 3.889 | 16.00 | .629 | 20 | 290 | COROMANT |
| 7.98 | .314 | 64.00 | 2.519 | 8 | 0.00 | 0.01 | 435.B-0798-A1-XF | ☆ | ☆ | ☆ | 8.00 | .314 | 7.80 | .307 | 98.80 | 3.889 | 16.00 | .629 | 20 | 290 | COROMANT |
| 7.99 | .314 | 64.00 | 2.519 | 8 | 0.00 | 0.01 | 435.B-0799-A1-XF | ☆ | ☆ | ☆ | 8.00 | .314 | 7.80 | .307 | 98.80 | 3.889 | 16.00 | .629 | 20 | 290 | COROMANT |
| 8.00 | .314 | 64.00 | 2.519 | 8 | 0.00 | 0.01 | 435.B-0800-A1-XF | ☆ | ☆ | ☆ | 8.00 | .314 | 7.80 | .307 | 98.80 | 3.889 | 16.00 | .629 | 20 | 290 | COROMANT |
| 8.01 | .315 | 64.00 | 2.519 | 8 | 0.00 | 0.01 | 435.B-0801-A1-XF | ☆ | ☆ | ☆ | 8.00 | .314 | 7.80 | .307 | 98.80 | 3.889 | 16.00 | .629 | 20 | 290 | COROMANT |
| 8.02 | .315 | 64.00 | 2.519 | 8 | 0.00 | 0.01 | 435.B-0802-A1-XF | ☆ | ☆ | ☆ | 8.00 | .314 | 7.80 | .307 | 98.79 | 3.889 | 16.00 | .629 | 20 | 290 | COROMANT |
| 8.03 | .316 | 64.00 | 2.519 | 8 | 0.00 | 0.01 | 435.B-0803-A1-XF | ☆ | ☆ | ☆ | 8.00 | .314 | 7.80 | .307 | 98.79 | 3.889 | 16.00 | .629 | 20 | 290 | COROMANT |
| 8.50 | .334 | 60.00 | 2.362 | 10 | 0.00 | 0.01 | 435.B-0850-A1-XF | ☆ | ☆ | ☆ | 10.00 | .393 | 8.30 | .326 | 98.72 | 3.886 | 20.00 | .787 | 20 | 290 | COROMANT |
| 9.00 | .354 | 60.00 | 2.362 | 10 | 0.00 | 0.01 | 435.B-0900-A1-XF | ☆ | ☆ | ☆ | 10.00 | .393 | 8.80 | .346 | 98.65 | 3.883 | 20.00 | .787 | 20 | 290 | COROMANT |
| 9.50 | .374 | 80.00 | 3.149 | 10 | 0.00 | 0.01 | 435.B-0950-A1-XF | ☆ | ☆ | ☆ | 10.00 | .393 | 9.30 | .366 | 118.57 | 4.668 | 20.00 | .787 | 20 | 290 | COROMANT |
| 9.97 | .392 | 80.00 | 3.149 | 10 | 0.00 | 0.01 | 435.B-0997-A1-XF | ☆ | ☆ | ☆ | 10.00 | .393 | 9.80 | .385 | 118.50 | 4.665 | 20.00 | .787 | 20 | 290 | COROMANT |
| 9.98 | .392 | 80.00 | 3.149 | 10 | 0.00 | 0.01 | 435.B-0998-A1-XF | ☆ | ☆ | ☆ | 10.00 | .393 | 9.80 | .385 | 118.50 | 4.665 | 20.00 | .787 | 20 | 290 | COROMANT |
| 9.99 | .393 | 80.00 | 3.149 | 10 | 0.00 | 0.01 | 435.B-0999-A1-XF | ☆ | ☆ | ☆ | 10.00 | .393 | 9.80 | .385 | 118.50 | 4.665 | 20.00 | .787 | 20 | 290 | COROMANT |
| 10.00 | .393 | 80.00 | 3.149 | 10 | 0.00 | 0.01 | 435.B-1000-A1-XF | ☆ | ☆ | ☆ | 10.00 | .393 | 9.80 | .385 | 118.50 | 4.665 | 20.00 | .787 | 20 | 290 | COROMANT |
| 10.01 | .394 | 80.00 | 3.149 | 10 | 0.00 | 0.01 | 435.B-1001-A1-XF | ☆ | ☆ | ☆ | 10.00 | .393 | 9.80 | .385 | 118.50 | 4.665 | 20.00 | .787 | 20 | 290 | COROMANT |
| 10.02 | .394 | 80.00 | 3.149 | 10 | 0.00 | 0.01 | 435.B-1002-A1-XF | ☆ | ☆ | ☆ | 10.00 | .393 | 9.80 | .385 | 118.49 | 4.664 | 20.00 | .787 | 20 | 290 | COROMANT |
| 10.03 | .394 | 80.00 | 3.149 | 10 | 0.00 | 0.01 | 435.B-1003-A1-XF | ☆ | ☆ | ☆ | 10.00 | .393 | 9.80 | .385 | 118.49 | 4.664 | 20.00 | .787 | 20 | 290 | COROMANT |
| 10.50 | .413 | 75.00 | 2.952 | 12 | 0.00 | 0.01 | 435.B-1050-A1-XF | ☆ | ☆ | ☆ | 12.00 | .472 | 10.30 | .405 | 118.42 | 4.662 | 20.00 | .787 | 20 | 290 | COROMANT |
| 11.00 | .433 | 75.00 | 2.952 | 12 | 0.00 | 0.01 | 435.B-1100-A1-XF | ☆ | ☆ | ☆ | 12.00 | .472 | 10.80 | .425 | 118.35 | 4.659 | 20.00 | .787 | 20 | 290 | COROMANT |
| 11.50 | .452 | 75.00 | 2.952 | 12 | 0.00 | 0.01 | 435.B-1150-A1-XF | ☆ | ☆ | ☆ | 12.00 | .472 | 11.30 | .444 | 118.27 | 4.656 | 20.00 | .787 | 20 | 290 | COROMANT |
| 11.97 | .471 | 75.00 | 2.952 | 12 | 0.00 | 0.01 | 435.B-1197-A1-XF | ☆ | ☆ | ☆ | 12.00 | .472 | 11.80 | .464 | 118.20 | 4.653 | 20.00 | .787 | 20 | 290 | COROMANT |
| 11.98 | .471 | 75.00 | 2.952 | 12 | 0.00 | 0.01 | 435.B-1198-A1-XF | ☆ | ☆ | ☆ | 12.00 | .472 | 11.80 | .464 | 118.20 | 4.653 | 20.00 | .787 | 20 | 290 | COROMANT |

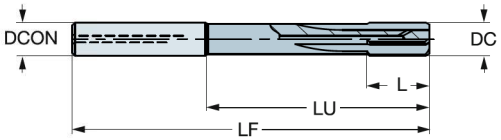
O5 Q5 N24 Q1 Q35

# CoroReamer™ 435, rozwiertak węglikowy

**Proste rowki wiórowe**

**Do otworów nieprzelotowych**

TCHA H7
CNSC 1




| DC | DC" | LU | LU" | $CZC_{MS}$ | TCHAL | TCHAU | Oznaczenie | P H10F | K H10F | N H10F | Wymiary, mm, *cale* DCON | DCON" | PHD | PHD" | LF | LF" | L | L" | CP Bar | CP PSI | BSG |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11.99 | .472 | 75.00 | 2.952 | 12 | 0.00 | 0.01 | **435.B-1199-A1-XF** | ☆ | ☆ | ☆ | 12.00 | .472 | 11.80 | .464 | 118.20 | 4.653 | 20.00 | .787 | 20 | 290 | COROMANT |
| 12.00 | .472 | 75.00 | 2.952 | 12 | 0.00 | 0.01 | **435.B-1200-A1-XF** | ☆ | ☆ | ☆ | 12.00 | .472 | 11.80 | .464 | 118.20 | 4.653 | 20.00 | .787 | 20 | 290 | COROMANT |
| 12.01 | .472 | 75.00 | 2.952 | 12 | 0.00 | 0.01 | **435.B-1201-A1-XF** | ☆ | ☆ | ☆ | 12.00 | .472 | 11.80 | .464 | 118.20 | 4.653 | 20.00 | .787 | 20 | 290 | COROMANT |
| 12.02 | .473 | 75.00 | 2.952 | 12 | 0.00 | 0.01 | **435.B-1202-A1-XF** | ☆ | ☆ | ☆ | 12.00 | .472 | 11.80 | .464 | 118.19 | 4.653 | 20.00 | .787 | 20 | 290 | COROMANT |
| 12.03 | .473 | 75.00 | 2.952 | 12 | 0.00 | 0.01 | **435.B-1203-A1-XF** | ☆ | ☆ | ☆ | 12.00 | .472 | 11.80 | .464 | 118.19 | 4.653 | 20.00 | .787 | 20 | 290 | COROMANT |
| 13.00 | .511 | 85.00 | 3.346 | 14 | 0.00 | 0.01 | **435.B-1300-A1-XF** | ☆ | ☆ | ☆ | 14.00 | .551 | 12.80 | .503 | 128.05 | 5.041 | 22.00 | .866 | 20 | 290 | COROMANT |
| 14.00 | .551 | 85.00 | 3.346 | 14 | 0.00 | 0.01 | **435.B-1400-A1-XF** | ☆ | ☆ | ☆ | 14.00 | .551 | 13.80 | .543 | 127.90 | 5.035 | 22.00 | .866 | 20 | 290 | COROMANT |
| 15.00 | .590 | 82.00 | 3.228 | 16 | 0.00 | 0.01 | **435.B-1500-A1-XF** | ☆ | ☆ | ☆ | 16.00 | .629 | 14.80 | .582 | 127.75 | 5.029 | 22.00 | .866 | 20 | 290 | COROMANT |
| 16.00 | .629 | 102.00 | 4.015 | 16 | 0.00 | 0.01 | **435.B-1600-A1-XF** | ☆ | ☆ | ☆ | 16.00 | .629 | 15.80 | .622 | 147.60 | 5.811 | 25.00 | .984 | 20 | 290 | COROMANT |
| 17.00 | .669 | 102.00 | 4.015 | 18 | 0.00 | 0.01 | **435.B-1700-A1-XF** | ☆ | ☆ | ☆ | 18.00 | .708 | 16.80 | .661 | 147.45 | 5.805 | 25.00 | .984 | 20 | 290 | COROMANT |
| 18.00 | .708 | 102.00 | 4.015 | 18 | 0.00 | 0.01 | **435.B-1800-A1-XF** | ☆ | ☆ | ☆ | 18.00 | .708 | 17.80 | .700 | 147.30 | 5.799 | 25.00 | .984 | 20 | 290 | COROMANT |
| 19.00 | .748 | 100.00 | 3.937 | 20 | 0.00 | 0.02 | **435.B-1900-A1-XF** | ☆ | ☆ | ☆ | 20.00 | .787 | 18.80 | .740 | 147.14 | 5.792 | 25.00 | .984 | 20 | 290 | COROMANT |
| 20.00 | .787 | 100.00 | 3.937 | 20 | 0.00 | 0.02 | **435.B-2000-A1-XF** | ☆ | ☆ | ☆ | 20.00 | .787 | 19.80 | .779 | 146.99 | 5.787 | 25.00 | .984 | 20 | 290 | COROMANT |

Q5 Q5 N24 Q1 Q35



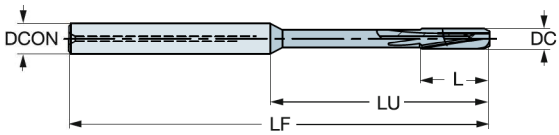
SANDVIK Coromant

# CoroReamer™ 435, rozwiertak węglikowy

**Śrubowe rowki wiórowe**

**Do otworów przelotowych**

TCHA H7
CNSC 1




| DC | DC" | LU | LU" | $CZC_{MS}$ | TCHAL | TCHAU | Oznaczenie | P H10F | K H10F | N H10F | DCON | DCON" | PHD | PHD" | LF | LF" | L | L" | CP Bar | CP PSI | BSG |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | Wymiary, mm, *cale* | | | | | | | | | | |
| 3.97 | .156 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 435.T-0397-A1-XF | ☆ | ☆ | ☆ | 6.00 | .236 | 3.80 | .149 | 74.40 | 2.929 | 12.00 | .472 | 20 | 290 | COROMANT |
| 3.98 | .156 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 435.T-0398-A1-XF | ☆ | ☆ | ☆ | 6.00 | .236 | 3.80 | .149 | 74.40 | 2.929 | 12.00 | .472 | 20 | 290 | COROMANT |
| 3.99 | .157 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 435.T-0399-A1-XF | ☆ | ☆ | ☆ | 6.00 | .236 | 3.80 | .149 | 74.40 | 2.929 | 12.00 | .472 | 20 | 290 | COROMANT |
| 4.00 | .157 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 435.T-0400-A1-XF | ☆ | ☆ | ☆ | 6.00 | .236 | 3.80 | .149 | 74.40 | 2.929 | 12.00 | .472 | 20 | 290 | COROMANT |
| 4.01 | .157 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 435.T-0401-A1-XF | ☆ | ☆ | ☆ | 6.00 | .236 | 3.80 | .149 | 74.40 | 2.929 | 12.00 | .472 | 20 | 290 | COROMANT |
| 4.02 | .158 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 435.T-0402-A1-XF | ☆ | ☆ | ☆ | 6.00 | .236 | 3.80 | .149 | 74.40 | 2.929 | 12.00 | .472 | 20 | 290 | COROMANT |
| 4.03 | .158 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 435.T-0403-A1-XF | ☆ | ☆ | ☆ | 6.00 | .236 | 3.80 | .149 | 74.39 | 2.928 | 12.00 | .472 | 20 | 290 | COROMANT |
| 4.50 | .177 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 435.T-0450-A1-XF | ☆ | ☆ | ☆ | 6.00 | .236 | 4.30 | .169 | 74.32 | 2.925 | 12.00 | .472 | 20 | 290 | COROMANT |
| 4.97 | .195 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 435.T-0497-A1-XF | ☆ | ☆ | ☆ | 6.00 | .236 | 4.80 | .188 | 74.25 | 2.923 | 12.00 | .472 | 20 | 290 | COROMANT |
| 4.98 | .196 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 435.T-0498-A1-XF | ☆ | ☆ | ☆ | 6.00 | .236 | 4.80 | .188 | 74.25 | 2.923 | 12.00 | .472 | 20 | 290 | COROMANT |
| 4.99 | .196 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 435.T-0499-A1-XF | ☆ | ☆ | ☆ | 6.00 | .236 | 4.80 | .188 | 74.25 | 2.923 | 12.00 | .472 | 20 | 290 | COROMANT |
| 5.00 | .196 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 435.T-0500-A1-XF | ☆ | ☆ | ☆ | 6.00 | .236 | 4.80 | .188 | 74.25 | 2.923 | 12.00 | .472 | 20 | 290 | COROMANT |
| 5.01 | .197 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 435.T-0501-A1-XF | ☆ | ☆ | ☆ | 6.00 | .236 | 4.80 | .188 | 74.25 | 2.923 | 12.00 | .472 | 20 | 290 | COROMANT |
| 5.02 | .197 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 435.T-0502-A1-XF | ☆ | ☆ | ☆ | 6.00 | .236 | 4.80 | .188 | 74.25 | 2.923 | 12.00 | .472 | 20 | 290 | COROMANT |
| 5.03 | .198 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 435.T-0503-A1-XF | ☆ | ☆ | ☆ | 6.00 | .236 | 4.80 | .188 | 74.24 | 2.922 | 12.00 | .472 | 20 | 290 | COROMANT |
| 5.50 | .216 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 435.T-0550-A1-XF | ☆ | ☆ | ☆ | 6.00 | .236 | 5.30 | .208 | 74.17 | 2.920 | 12.00 | .472 | 20 | 290 | COROMANT |
| 5.97 | .235 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 435.T-0597-A1-XF | ☆ | ☆ | ☆ | 6.00 | .236 | 5.80 | .228 | 74.10 | 2.917 | 12.00 | .472 | 20 | 290 | COROMANT |
| 5.98 | .235 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 435.T-0598-A1-XF | ☆ | ☆ | ☆ | 6.00 | .236 | 5.80 | .228 | 74.10 | 2.917 | 12.00 | .472 | 20 | 290 | COROMANT |
| 5.99 | .235 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 435.T-0599-A1-XF | ☆ | ☆ | ☆ | 6.00 | .236 | 5.80 | .228 | 74.10 | 2.917 | 12.00 | .472 | 20 | 290 | COROMANT |
| 6.00 | .236 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 435.T-0600-A1-XF | ☆ | ☆ | ☆ | 6.00 | .236 | 5.80 | .228 | 74.10 | 2.917 | 12.00 | .472 | 20 | 290 | COROMANT |
| 6.01 | .236 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 435.T-0601-A1-XF | ☆ | ☆ | ☆ | 6.00 | .236 | 5.80 | .228 | 74.10 | 2.917 | 12.00 | .472 | 20 | 290 | COROMANT |
| 6.02 | .237 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 435.T-0602-A1-XF | ☆ | ☆ | ☆ | 6.00 | .236 | 5.80 | .228 | 74.10 | 2.917 | 12.00 | .472 | 20 | 290 | COROMANT |
| 6.03 | .237 | 39.00 | 1.535 | 6 | 0.00 | 0.01 | 435.T-0603-A1-XF | ☆ | ☆ | ☆ | 6.00 | .236 | 5.80 | .228 | 74.09 | 2.916 | 12.00 | .472 | 20 | 290 | COROMANT |
| 6.50 | .255 | 64.00 | 2.519 | 8 | 0.00 | 0.01 | 435.T-0650-A1-XF | ☆ | ☆ | ☆ | 8.00 | .314 | 6.30 | .248 | 99.02 | 3.898 | 16.00 | .629 | 20 | 290 | COROMANT |
| 7.00 | .275 | 64.00 | 2.519 | 8 | 0.00 | 0.01 | 435.T-0700-A1-XF | ☆ | ☆ | ☆ | 8.00 | .314 | 6.80 | .267 | 98.95 | 3.895 | 16.00 | .629 | 20 | 290 | COROMANT |
| 7.50 | .295 | 64.00 | 2.519 | 8 | 0.00 | 0.01 | 435.T-0750-A1-XF | ☆ | ☆ | ☆ | 8.00 | .314 | 7.30 | .287 | 98.87 | 3.892 | 16.00 | .629 | 20 | 290 | COROMANT |
| 7.97 | .313 | 64.00 | 2.519 | 8 | 0.00 | 0.01 | 435.T-0797-A1-XF | ☆ | ☆ | ☆ | 8.00 | .314 | 7.80 | .307 | 98.80 | 3.889 | 16.00 | .629 | 20 | 290 | COROMANT |
| 7.98 | .314 | 64.00 | 2.519 | 8 | 0.00 | 0.01 | 435.T-0798-A1-XF | ☆ | ☆ | ☆ | 8.00 | .314 | 7.80 | .307 | 98.80 | 3.889 | 16.00 | .629 | 20 | 290 | COROMANT |
| 7.99 | .314 | 64.00 | 2.519 | 8 | 0.00 | 0.01 | 435.T-0799-A1-XF | ☆ | ☆ | ☆ | 8.00 | .314 | 7.80 | .307 | 98.80 | 3.889 | 16.00 | .629 | 20 | 290 | COROMANT |
| 8.00 | .314 | 64.00 | 2.519 | 8 | 0.00 | 0.01 | 435.T-0800-A1-XF | ☆ | ☆ | ☆ | 8.00 | .314 | 7.80 | .307 | 98.80 | 3.889 | 16.00 | .629 | 20 | 290 | COROMANT |
| 8.01 | .315 | 64.00 | 2.519 | 8 | 0.00 | 0.01 | 435.T-0801-A1-XF | ☆ | ☆ | ☆ | 8.00 | .314 | 7.80 | .307 | 98.80 | 3.889 | 16.00 | .629 | 20 | 290 | COROMANT |
| 8.02 | .315 | 64.00 | 2.519 | 8 | 0.00 | 0.01 | 435.T-0802-A1-XF | ☆ | ☆ | ☆ | 8.00 | .314 | 7.80 | .307 | 98.79 | 3.889 | 16.00 | .629 | 20 | 290 | COROMANT |
| 8.03 | .316 | 64.00 | 2.519 | 8 | 0.00 | 0.01 | 435.T-0803-A1-XF | ☆ | ☆ | ☆ | 8.00 | .314 | 7.80 | .307 | 98.79 | 3.889 | 16.00 | .629 | 20 | 290 | COROMANT |
| 8.50 | .334 | 60.00 | 2.362 | 10 | 0.00 | 0.01 | 435.T-0850-A1-XF | ☆ | ☆ | ☆ | 10.00 | .393 | 8.30 | .326 | 98.72 | 3.886 | 20.00 | .787 | 20 | 290 | COROMANT |
| 9.00 | .354 | 60.00 | 2.362 | 10 | 0.00 | 0.01 | 435.T-0900-A1-XF | ☆ | ☆ | ☆ | 10.00 | .393 | 8.80 | .346 | 98.65 | 3.883 | 20.00 | .787 | 20 | 290 | COROMANT |
| 9.50 | .374 | 80.00 | 3.149 | 10 | 0.00 | 0.01 | 435.T-0950-A1-XF | ☆ | ☆ | ☆ | 10.00 | .393 | 9.30 | .366 | 118.57 | 4.668 | 20.00 | .787 | 20 | 290 | COROMANT |
| 9.97 | .392 | 80.00 | 3.149 | 10 | 0.00 | 0.01 | 435.T-0997-A1-XF | ☆ | ☆ | ☆ | 10.00 | .393 | 9.80 | .385 | 118.50 | 4.665 | 20.00 | .787 | 20 | 290 | COROMANT |
| 9.98 | .392 | 80.00 | 3.149 | 10 | 0.00 | 0.01 | 435.T-0998-A1-XF | ☆ | ☆ | ☆ | 10.00 | .393 | 9.80 | .385 | 118.50 | 4.665 | 20.00 | .787 | 20 | 290 | COROMANT |
| 9.99 | .393 | 80.00 | 3.149 | 10 | 0.00 | 0.01 | 435.T-0999-A1-XF | ☆ | ☆ | ☆ | 10.00 | .393 | 9.80 | .385 | 118.50 | 4.665 | 20.00 | .787 | 20 | 290 | COROMANT |
| 10.00 | .393 | 80.00 | 3.149 | 10 | 0.00 | 0.01 | 435.T-1000-A1-XF | ☆ | ☆ | ☆ | 10.00 | .393 | 9.80 | .385 | 118.50 | 4.665 | 20.00 | .787 | 20 | 290 | COROMANT |
| 10.01 | .394 | 80.00 | 3.149 | 10 | 0.00 | 0.01 | 435.T-1001-A1-XF | ☆ | ☆ | ☆ | 10.00 | .393 | 9.80 | .385 | 118.50 | 4.665 | 20.00 | .787 | 20 | 290 | COROMANT |
| 10.02 | .394 | 80.00 | 3.149 | 10 | 0.00 | 0.01 | 435.T-1002-A1-XF | ☆ | ☆ | ☆ | 10.00 | .393 | 9.80 | .385 | 118.49 | 4.664 | 20.00 | .787 | 20 | 290 | COROMANT |
| 10.03 | .394 | 80.00 | 3.149 | 10 | 0.00 | 0.01 | 435.T-1003-A1-XF | ☆ | ☆ | ☆ | 10.00 | .393 | 9.80 | .385 | 118.49 | 4.664 | 20.00 | .787 | 20 | 290 | COROMANT |
| 10.50 | .413 | 75.00 | 2.952 | 12 | 0.00 | 0.01 | 435.T-1050-A1-XF | ☆ | ☆ | ☆ | 12.00 | .472 | 10.30 | .405 | 118.42 | 4.662 | 20.00 | .787 | 20 | 290 | COROMANT |
| 11.00 | .433 | 75.00 | 2.952 | 12 | 0.00 | 0.01 | 435.T-1100-A1-XF | ☆ | ☆ | ☆ | 12.00 | .472 | 10.80 | .425 | 118.35 | 4.659 | 20.00 | .787 | 20 | 290 | COROMANT |
| 11.50 | .452 | 75.00 | 2.952 | 12 | 0.00 | 0.01 | 435.T-1150-A1-XF | ☆ | ☆ | ☆ | 12.00 | .472 | 11.30 | .444 | 118.27 | 4.656 | 20.00 | .787 | 20 | 290 | COROMANT |
| 11.97 | .471 | 75.00 | 2.952 | 12 | 0.00 | 0.01 | 435.T-1197-A1-XF | ☆ | ☆ | ☆ | 12.00 | .472 | 11.80 | .464 | 118.20 | 4.653 | 20.00 | .787 | 20 | 290 | COROMANT |
| 11.98 | .471 | 75.00 | 2.952 | 12 | 0.00 | 0.01 | 435.T-1198-A1-XF | ☆ | ☆ | ☆ | 12.00 | .472 | 11.80 | .464 | 118.20 | 4.653 | 20.00 | .787 | 20 | 290 | COROMANT |

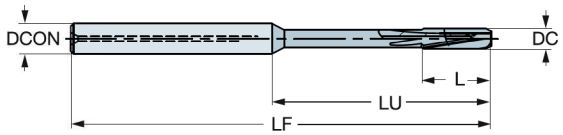
O5 Q5 N24 Q1 Q35

# CoroReamer™ 435, rozwiertak węglikowy

**Śrubowe rowki wiórowe**

**Do otworów przelotowych**

TCHA H7
CNSC 1




| DC | DC" | LU | LU" | $CZC_{MS}$ | TCHAL | TCHAU | Oznaczenie | P H10F | K H10F | N H10F | DCON | DCON" | PHD | PHD" | LF | LF" | L | L" | CP Bar | CP PSI | BSG |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | Wymiary, mm, *cale* | | | | | | | | | | |
| 11.99 | .472 | 75.00 | 2.952 | 12 | 0.00 | 0.01 | **435.T-1199-A1-XF** | ☆ | ☆ | ☆ | 12.00 | .472 | 11.80 | .464 | 118.20 | 4.653 | 20.00 | .787 | 20 | 290 | COROMANT |
| 12.00 | .472 | 75.00 | 2.952 | 12 | 0.00 | 0.01 | **435.T-1200-A1-XF** | ☆ | ☆ | ☆ | 12.00 | .472 | 11.80 | .464 | 118.20 | 4.653 | 20.00 | .787 | 20 | 290 | COROMANT |
| 12.01 | .472 | 75.00 | 2.952 | 12 | 0.00 | 0.01 | **435.T-1201-A1-XF** | ☆ | ☆ | ☆ | 12.00 | .472 | 11.80 | .464 | 118.20 | 4.653 | 20.00 | .787 | 20 | 290 | COROMANT |
| 12.02 | .473 | 75.00 | 2.952 | 12 | 0.00 | 0.01 | **435.T-1202-A1-XF** | ☆ | ☆ | ☆ | 12.00 | .472 | 11.80 | .464 | 118.19 | 4.653 | 20.00 | .787 | 20 | 290 | COROMANT |
| 12.03 | .473 | 75.00 | 2.952 | 12 | 0.00 | 0.01 | **435.T-1203-A1-XF** | ☆ | ☆ | ☆ | 12.00 | .472 | 11.80 | .464 | 118.19 | 4.653 | 20.00 | .787 | 20 | 290 | COROMANT |
| 13.00 | .511 | 85.00 | 3.346 | 14 | 0.00 | 0.01 | **435.T-1300-A1-XF** | ☆ | ☆ | ☆ | 14.00 | .551 | 12.80 | .503 | 128.05 | 5.041 | 22.00 | .866 | 20 | 290 | COROMANT |
| 14.00 | .551 | 85.00 | 3.346 | 14 | 0.00 | 0.01 | **435.T-1400-A1-XF** | ☆ | ☆ | ☆ | 14.00 | .551 | 13.80 | .543 | 127.90 | 5.035 | 22.00 | .866 | 20 | 290 | COROMANT |
| 15.00 | .590 | 82.00 | 3.228 | 16 | 0.00 | 0.01 | **435.T-1500-A1-XF** | ☆ | ☆ | ☆ | 16.00 | .629 | 14.80 | .582 | 127.75 | 5.029 | 22.00 | .866 | 20 | 290 | COROMANT |
| 16.00 | .629 | 102.00 | 4.015 | 16 | 0.00 | 0.01 | **435.T-1600-A1-XF** | ☆ | ☆ | ☆ | 16.00 | .629 | 15.80 | .622 | 147.60 | 5.811 | 25.00 | .984 | 20 | 290 | COROMANT |
| 17.00 | .669 | 102.00 | 4.015 | 18 | 0.00 | 0.01 | **435.T-1700-A1-XF** | ☆ | ☆ | ☆ | 18.00 | .708 | 16.80 | .661 | 147.45 | 5.805 | 25.00 | .984 | 20 | 290 | COROMANT |
| 18.00 | .708 | 102.00 | 4.015 | 18 | 0.00 | 0.01 | **435.T-1800-A1-XF** | ☆ | ☆ | ☆ | 18.00 | .708 | 17.80 | .700 | 147.30 | 5.799 | 25.00 | .984 | 20 | 290 | COROMANT |
| 19.00 | .748 | 100.00 | 3.937 | 20 | 0.00 | 0.02 | **435.T-1900-A1-XF** | ☆ | ☆ | ☆ | 20.00 | .787 | 18.80 | .740 | 147.14 | 5.792 | 25.00 | .984 | 20 | 290 | COROMANT |
| 20.00 | .787 | 100.00 | 3.937 | 20 | 0.00 | 0.02 | **435.T-2000-A1-XF** | ☆ | ☆ | ☆ | 20.00 | .787 | 19.80 | .779 | 146.99 | 5.787 | 25.00 | .984 | 20 | 290 | COROMANT |

# Parametry skrawania dla CoroReamer™ 830

## Wartości metryczne

| ISO | CMC | Materiał | Twardość Brinella HB | Gatunek | Prędkość skrawania $V_c$ m/min | Posuw $f_z$ mm/ostrze | Promieniowa głębokość skrawania $a_p$ mm |
|---|---|---|---|---|---|---|---|
| P | | **Stal węglowa** | | | | | |
| | **01.1** | 0.10-0.25% C | 90-200 | P10R | 150-200 | 0.15-0.25 | 0.1-0.3 |
| | **01.2** | 0.25-0.55% C | 125-225 | | 150-200 | 0.15-0.25 | |
| | **01.3** | 0.55-0.80% C | 150-225 | | 140-180 | 0.15-0.25 | |
| | **01.4** | Wysokowęglowa i węglowa stal narzędziowa | 180-225 | | 140-180 | 0.15-0.25 | |
| | | **Stal niskostopowa** | | | | | |
| | **02.1** | Niehartowana | 150-260 | P10R | 110-180 | 0.15-0.25 | 0.1-0.3 |
| | **02.2** | Hartowana i odpuszczana | 220-400 | | 70-130 | 0.10-0.20 | |
| | | **Odlewy staliwne** | | | | | |
| | **06.1** | Niestopowe | 90-225 | P10R | 140-180 | 0.15-0.25 | 0.1-0.3 |
| | **06.2** | Niskostopowa | 150-250 | | 100-150 | 0.15-0.25 | |
| K | | **Żeliwo ciągliwe** | | | | | |
| | **07.2** | Perlityczne | 150-270 | P10R | 150-200 | 0.15-0.25 | 0.1-0.3 |
| | | **Żeliwo sferoidalne** | | | | | |
| | **09.2** | Perlityczne | 200-300 | P10R | 110-190 | 0.15-0.25 | 0.1-0.3 |

## Wartości calowe

| ISO | CMC | Materiał | Twardość Brinella HB | Gatunek | Prędkość skrawania $V_c$ stopa/min | Posuw $f_z$ cale/ostrze | Promieniowa głębokość skrawania $a_p$ cale |
|---|---|---|---|---|---|---|---|
| P | | **Stal węglowa** | | | | | |
| | **01.1** | 0.10-0.25% C | 90-200 | P10R | 490-650 | .006-.010 | .004-.012 |
| | **01.2** | 0.25-0.55% C | 125-225 | | 490-650 | .006-.010 | |
| | **01.3** | 0.55-0.80% C | 150-225 | | 460-590 | .006-.010 | |
| | **01.4** | Wysokowęglowa i węglowa stal narzędziowa | 180-225 | | 460-590 | .006-.010 | |
| | | **Stal niskostopowa** | | | | | |
| | **02.1** | Niehartowana | 150-260 | P10R | 360-590 | .006-.010 | .004-.012 |
| | **02.2** | Hartowana i odpuszczana | 220-400 | | 230-425 | .004-.008 | |
| | | **Odlewy staliwne** | | | | | |
| | **06.1** | Niestopowe | 90-225 | P10R | 460-590 | .006-.010 | .004-.012 |
| | **06.2** | Niskostopowa | 150-250 | | 330-490 | .006-.010 | |
| K | | **Żeliwo ciągliwe** | | | | | |
| | **07.2** | Perlityczne | 150-270 | P10R | 490-650 | .006-.010 | .004-.012 |
| | | **Żeliwo sferoidalne** | | | | | |
| | **09.2** | Perlityczne | 200-300 | P10R | 360-620 | .006-.010 | .004-.012 |

# Parametry skrawania dla rozwiertaka CoroReamer™ 835

## Wartości metryczne

### Geometria -MF

| ISO | Kod MC | Materiał | N/mm² | HB | MF $v_c$ m/min Min. | Zal. | Max. |
|---|---|---|---|---|---|---|---|
| P | P5.0.Z.PH | | 503 | 330 | 24 | 30 | 36 |
| M | | **Stal nierdzewna** | | | | | |
| | M1.0.Z.AQ | Austenityczna | 811 | 200 | 32 | 40 | 48 |
| | M2.0.Z.AQ | Superaustenityczna Ni≥20% | 961 | 200 | 32 | 40 | 48 |
| | M3.1.Z.AQ | | 674 | 230 | 24 | 30 | 36 |
| | M3.2.Z.AQ | Duplex (austenityczno-ferrytyczna) | 674 | 260 | 24 | 30 | 36 |
| | M1.0.C.UT | | 674 | 200 | 32 | 40 | 48 |
| | M2.0.C.AQ | | | 200 | 32 | 40 | 48 |
| | M3.1.C.AQ | | 1114 | 230 | 24 | 30 | 36 |

### Geometria -PF

| ISO | Kod MC | Materiał | N/mm² | HB | PF $v_c$ m/min Min. | Zal. | Maks. |
|---|---|---|---|---|---|---|---|
| P | | **Stal węglowa** | | | | | |
| | P1.1.Z.AN | C=0.10-0.25% | 428 | 125 | 148 | 185 | 222 |
| | P1.1.Z.AN | Hartowana i odpuszczana | 639 | 190 | 148 | 185 | 222 |
| | P1.2.Z.AN | C=0.25-0.55% | 639 | 190 | 148 | 185 | 222 |
| | P1.2.Z.HT | | 708 | 210 | 128 | 160 | 192 |
| | P1.3.Z.AN | C=0.55-0.80% | 639 | 190 | 148 | 185 | 222 |
| | P1.3.Z.HT | | 991 | 300 | 112 | 140 | 168 |
| | | **Stal niskostopowa** | | | | | |
| | P2.1.Z.AN | Niehartowana | 591 | 175 | 148 | 185 | 222 |
| | P2.2.Z.AN | Wyżarzana | 811 | 240 | 128 | 160 | 192 |
| | P2.3.Z.AN | | 867 | 260 | 112 | 140 | 168 |
| | P2.5.Z.HT.1 | Hartowana i odpuszczana | 961 | 285 | 112 | 140 | 168 |
| | | **Odlewy staliwne** | | | | | |
| | P1.5.C.UT | Niestopowe | 503 | 150 | 148 | 185 | 222 |
| | P2.6.C.UT | Niskostopowe (zawartość składników stopowych ≤ 5%) | 674 | 200 | 128 | 160 | 192 |
| | | **Stal wysokostopowa** | | | | | |
| | P3.0.Z.AN | Wyżarzana | 674 | 200 | 128 | 160 | 192 |
| | P3.0.Z.HT.1 | Hartowana stal narzędziowa | 1282 | 380 | 96 | 120 | 144 |
| | P3.1.Z.AN | Wyżarzona stal szybkotnąca | 839 | 250 | 128 | 160 | 192 |
| | P5.0.Z.HT.1 | | 1114 | 330 | 128 | 160 | 192 |
| K | | **Żeliwo ciągliwe** | | | | | |
| | K1.1.C.NS | Ferrytyczne, Perlityczne | 428 | 200 | 72 | 90 | 108 |
| | | Żeliwo szare | | | | | |
| | K2.1.C.UT | O niskiej wytrzymałości | 639 | 180 | 96 | 120 | 144 |
| | K2.2.C.UT | O wysokiej wytrzymałości | 639 | 245 | 148 | 185 | 222 |
| | K2.3.C.UT | | 708 | 175 | 72 | 90 | 108 |
| | | **Żeliwo sferoidalne** | | | | | |
| | K3.1.C.UT | Ferrytyczne | 639 | 155 | 72 | 90 | 108 |
| | K3.2.C.UT | Perlityczne | 991 | 215 | 72 | 90 | 108 |
| | K3.3.C.UT | Perlityczne | 503 | 265 | 72 | 90 | 108 |
| | K3.5.C.UT | | 591 | 190 | 72 | 90 | 108 |
| | K5.1.C.NS | **ADI** | 961 | 300 | 48 | 60 | 72 |

# Parametry skrawania dla rozwiertaka CoroReamer™ 835

**Wartości metryczne**

**Geometria -MF**

| DC 3 | 5 | 8 | 10 | 12 | 16 | 20 |
|---|---|---|---|---|---|---|
| | | | $f_n$ mm/obr | | | |
| 0.16 | 0.20 | 0.27 | 0.32 | 0.36 | 0.41 | 0.47 |
| 0.16 | 0.20 | 0.27 | 0.32 | 0.36 | 0.41 | 0.47 |
| 0.16 | 0.20 | 0.27 | 0.32 | 0.36 | 0.41 | 0.47 |
| 0.16 | 0.20 | 0.27 | 0.32 | 0.36 | 0.41 | 0.47 |
| 0.16 | 0.20 | 0.27 | 0.32 | 0.36 | 0.41 | 0.47 |
| 0.16 | 0.20 | 0.27 | 0.32 | 0.36 | 0.41 | 0.47 |
| 0.16 | 0.20 | 0.27 | 0.32 | 0.36 | 0.41 | 0.47 |
| 0.16 | 0.20 | 0.27 | 0.32 | 0.36 | 0.41 | 0.47 |

**Geometria -PF**

| DC 3 | 5 | 8 | 10 | 12 | 16 | 20 |
|---|---|---|---|---|---|---|
| | | | $f_n$ mm/obr | | | |
| 0.3 | 0.7 | 1.0 | 1.0 | 1.5 | 1.5 | 1.5 |
| 0.3 | 0.7 | 1.0 | 1.0 | 1.5 | 1.5 | 1.5 |
| 0.3 | 0.7 | 1.0 | 1.0 | 1.5 | 1.5 | 1.5 |
| 0.3 | 0.7 | 1.0 | 1.0 | 1.5 | 1.5 | 1.5 |
| 0.3 | 0.7 | 1.0 | 1.0 | 1.5 | 1.5 | 1.5 |
| 0.21 | 0.5 | 0.7 | 0.7 | 1.0 | 1.0 | 1.0 |
| 0.3 | 0.7 | 1.0 | 1.0 | 1.5 | 1.5 | 1.5 |
| 0.3 | 0.7 | 1.0 | 1.0 | 1.5 | 1.5 | 1.5 |
| 0.21 | 0.5 | 0.7 | 0.7 | 1.0 | 1.0 | 1.0 |
| 0.21 | 0.5 | 0.7 | 0.7 | 1.0 | 1.0 | 1.0 |
| 0.3 | 0.7 | 1.0 | 1.0 | 1.5 | 1.5 | 1.5 |
| 0.3 | 0.7 | 1.0 | 1.0 | 1.5 | 1.5 | 1.5 |
| 0.3 | 0.7 | 1.0 | 1.0 | 1.5 | 1.5 | 1.5 |
| 0.21 | 0.5 | 0.7 | 0.7 | 1.0 | 1.0 | 1.0 |
| 0.3 | 0.7 | 1.0 | 1.0 | 1.5 | 1.5 | 1.5 |
| 0.3 | 0.7 | 1.0 | 1.0 | 1.5 | 1.5 | 1.5 |
| 0.3 | 0.7 | 1.0 | 1.0 | 1.5 | 1.5 | 1.5 |
| 0.3 | 0.7 | 1.0 | 1.0 | 1.5 | 1.5 | 1.5 |
| 0.3 | 0.7 | 1.0 | 1.0 | 1.5 | 1.5 | 1.5 |
| 0.3 | 0.7 | 1.0 | 1.0 | 1.5 | 1.5 | 1.5 |
| 0.3 | 0.7 | 1.0 | 1.0 | 1.5 | 1.5 | 1.5 |
| 0.3 | 0.7 | 1.0 | 1.0 | 1.5 | 1.5 | 1.5 |
| 0.3 | 0.7 | 1.0 | 1.0 | 1.5 | 1.5 | 1.5 |
| 0.3 | 0.7 | 1.0 | 1.0 | 1.5 | 1.5 | 1.5 |
| 0.3 | 0.7 | 1.0 | 1.0 | 1.5 | 1.5 | 1.5 |
| 0.3 | 0.7 | 1.0 | 1.0 | 1.5 | 1.5 | 1.5 |
| 0.3 | 0.7 | 1.0 | 1.0 | 1.5 | 1.5 | 1.5 |

# Parametry skrawania dla rozwiertaka CoroReamer™ 835

## Wartości calowe

### Geometria -MF

| ISO | Kod MC | Materiał | N/mm² | HB | MF $v_c$ stopa/min Min. | Zal. | Max. |
|---|---|---|---|---|---|---|---|
| P | P5.0.Z.PH | | 503 | 330 | 79 | 98 | 118 |
| M | | **Stal nierdzewna** | | | | | |
| | M1.0.Z.AQ | Austenityczna | 811 | 200 | 105 | 131 | 157 |
| | M2.0.Z.AQ | Superaustenityczna Ni≥20% | 961 | 200 | 105 | 131 | 157 |
| | M3.1.Z.AQ | | 674 | 230 | 79 | 98 | 118 |
| | M3.2.Z.AQ | Duplex (austenityczno-ferrytyczna) | 674 | 260 | 79 | 98 | 118 |
| | M1.0.C.UT | | 674 | 200 | 105 | 131 | 157 |
| | M2.0.C.AQ | | | 200 | 105 | 131 | 157 |
| | M3.1.C.AQ | | 1114 | 230 | 79 | 98 | 118 |

### Geometria -PF

| ISO | Kod MC | Materiał | N/mm² | HB | PF $v_c$ stopa/min Min. | Zal. | Maks. |
|---|---|---|---|---|---|---|---|
| P | | **Stal węglowa** | | | | | |
| | P1.1.Z.AN | C=0.10-0.25% | 428 | 125 | 486 | 607 | 728 |
| | P1.1.Z.AN | Hartowana i odpuszczana | 639 | 190 | 486 | 607 | 728 |
| | P1.2.Z.AN | C=0.25-0.55% | 639 | 190 | 486 | 607 | 728 |
| | P1.2.Z.HT | | 708 | 210 | 420 | 525 | 630 |
| | P1.3.Z.AN | C=0.55-0.80% | 639 | 190 | 486 | 607 | 728 |
| | P1.3.Z.HT | | 991 | 300 | 367 | 459 | 551 |
| | | **Stal niskostopowa** | | | | | |
| | P2.1.Z.AN | Niehartowana | 591 | 175 | 486 | 607 | 728 |
| | P2.2.Z.AN | Wyżarzana | 811 | 240 | 420 | 525 | 630 |
| | P2.3.Z.AN | | 867 | 260 | 367 | 459 | 551 |
| | P2.5.Z.HT.1 | Hartowana i odpuszczana | 961 | 285 | 367 | 459 | 551 |
| | | **Odlewy staliwne** | | | | | |
| | P1.5.C.UT | Niestopowe | 503 | 150 | 486 | 607 | 728 |
| | P2.6.C.UT | Niskostopowe (zawartość składników stopowych ≤ 5%) | 674 | 200 | 420 | 525 | 630 |
| | | **Stal wysokostopowa** | | | | | |
| | P3.0.Z.AN | Wyżarzana | 674 | 200 | 420 | 525 | 630 |
| | P3.0.Z.HT.1 | Hartowana stal narzędziowa | 1282 | 380 | 315 | 394 | 472 |
| | P3.1.Z.AN | Wyżarzona stal szybkotnąca | 839 | 250 | 420 | 525 | 630 |
| | P5.0.Z.HT.1 | | 1114 | 330 | 420 | 525 | 630 |
| K | | **Żeliwo ciągliwe** | | | | | |
| | K1.1.C.NS | Ferrytyczne, Perlityczne | 428 | 200 | 236 | 295 | 354 |
| | | Żeliwo szare | | | | | |
| | K2.1.C.UT | O niskiej wytrzymałości | 639 | 180 | 315 | 394 | 472 |
| | K2.2.C.UT | O wysokiej wytrzymałości | 639 | 245 | 486 | 607 | 728 |
| | K2.3.C.UT | | 708 | 175 | 236 | 295 | 354 |
| | | **Żeliwo sferoidalne** | | | | | |
| | K3.1.C.UT | Ferrytyczne | 639 | 155 | 236 | 295 | 354 |
| | K3.2.C.UT | Perlityczne | 991 | 215 | 236 | 295 | 354 |
| | K3.3.C.UT | Perlityczne | 503 | 265 | 236 | 295 | 354 |
| | K3.5.C.UT | | 591 | 190 | 236 | 295 | 354 |
| | K5.1.C.NS | **ADI** | 961 | 300 | 157 | 197 | 236 |

# Parametry skrawania dla rozwiertaka CoroReamer™ 835

**Wartości calowe**

**Geometria -MF**

| DC | | | | | | |
|---|---|---|---|---|---|---|
| 3 | 5 | 8 | 10 | 12 | 16 | 20 |
| $f_n$ cal/obr | | | | | | |
| .0063 | .0079 | .0106 | .0126 | .0142 | .0161 | .0185 |
| .0063 | .0079 | .0106 | .0126 | .0142 | .0161 | .0185 |
| .0063 | .0079 | .0106 | .0126 | .0142 | .0161 | .0185 |
| .0063 | .0079 | .0106 | .0126 | .0142 | .0161 | .0185 |
| .0063 | .0079 | .0106 | .0126 | .0142 | .0161 | .0185 |
| .0063 | .0079 | .0106 | .0126 | .0142 | .0161 | .0185 |
| .0063 | .0079 | .0106 | .0126 | .0142 | .0161 | .0185 |
| .0063 | .0079 | .0106 | .0126 | .0142 | .0161 | .0185 |

**Geometria -PF**

| DC | | | | | | |
|---|---|---|---|---|---|---|
| 3 | 5 | 8 | 10 | 12 | 16 | 20 |
| $f_n$ cal/obr | | | | | | |
| .0118 | .0276 | .0394 | .0394 | .0591 | .0591 | .0591 |
| .0118 | .0276 | .0394 | .0394 | .0591 | .0591 | .0591 |
| .0118 | .0276 | .0394 | .0394 | .0591 | .0591 | .0591 |
| .0118 | .0276 | .0394 | .0394 | .0591 | .0591 | .0591 |
| .0118 | .0276 | .0394 | .0394 | .0591 | .0591 | .0591 |
| .0083 | .0197 | .0276 | .0276 | .0394 | .0394 | .0394 |
| .0118 | .0276 | .0394 | .0394 | .0591 | .0591 | .0591 |
| .0118 | .0276 | .0394 | .0394 | .0591 | .0591 | .0591 |
| .0083 | .0197 | .0276 | .0276 | .0394 | .0394 | .0394 |
| .0083 | .0197 | .0276 | .0276 | .0394 | .0394 | .0394 |
| .0118 | .0276 | .0394 | .0394 | .0591 | .0591 | .0591 |
| .0118 | .0276 | .0394 | .0394 | .0591 | .0591 | .0591 |
| .0118 | .0276 | .0394 | .0394 | .0591 | .0591 | .0591 |
| .0083 | .0197 | .0276 | .0276 | .0394 | .0394 | .0394 |
| .0118 | .0276 | .0394 | .0394 | .0591 | .0591 | .0591 |
| .0118 | .0276 | .0394 | .0394 | .0591 | .0591 | .0591 |
| .0118 | .0276 | .0394 | .0394 | .0591 | .0591 | .0591 |
| .0118 | .0276 | .0394 | .0394 | .0591 | .0591 | .0591 |
| .0118 | .0276 | .0394 | .0394 | .0591 | .0591 | .0591 |
| .0118 | .0276 | .0394 | .0394 | .0591 | .0591 | .0591 |
| .0118 | .0276 | .0394 | .0394 | .0591 | .0591 | .0591 |
| .0118 | .0276 | .0394 | .0394 | .0591 | .0591 | .0591 |
| .0118 | .0276 | .0394 | .0394 | .0591 | .0591 | .0591 |
| .0118 | .0276 | .0394 | .0394 | .0591 | .0591 | .0591 |
| .0118 | .0276 | .0394 | .0394 | .0591 | .0591 | .0591 |

# Parametry skrawania dla rozwiertaka CoroReamer™ 435

## Wartości metryczne

## Geometria -XF

| ISO | Kod MC | Materiał | N/mm² | HB | XF $v_c$ m/min Min. | Zal. | Max. |
|---|---|---|---|---|---|---|---|
| P | | **Stal węglowa** | | | | | |
| | P1.1.Z.AN | C=0.10-0.25% | 428 | 125 | 24 | 30 | 36 |
| | P1.1.Z.AN | Hartowana i odpuszczana | 639 | 190 | 24 | 30 | 36 |
| | P1.2.Z.AN | C=0.25-0.55% | 639 | 190 | 24 | 30 | 36 |
| | P1.2.Z.HT | | 708 | 210 | 20 | 25 | 30 |
| | P1.3.Z.AN | C=0.55-0.80% | 639 | 190 | 24 | 30 | 36 |
| | P1.3.Z.HT | | 991 | 300 | 16 | 20 | 24 |
| | | **Stal niskostopowa** | | | | | |
| | P2.1.Z.AN | Niehartowana | 591 | 175 | 24 | 30 | 36 |
| | P2.2.Z.AN | Wyżarzana | 811 | 240 | 20 | 25 | 30 |
| | P2.3.Z.AN | | 867 | 260 | 16 | 20 | 24 |
| | P2.5.Z.HT.1 | Hartowana i odpuszczana | 961 | 285 | 16 | 20 | 24 |
| | | **Odlewy staliwne** | | | | | |
| | P1.5.C.UT | Niestopowe | 503 | 150 | 24 | 30 | 36 |
| | P2.6.C.UT | Niskostopowe (zawartość składników stopowych ≤ 5%) | 674 | 200 | 20 | 25 | 30 |
| | | **Stal wysokostopowa** | | | | | |
| | P3.0.Z.AN | Wyżarzana | 674 | 200 | 20 | 25 | 30 |
| | P3.0.Z.HT.1 | | 1282 | 380 | 12 | 15 | 18 |
| | P3.1.Z.AN | Wyżarzona stal szybkotnąca | 839 | 250 | 20 | 25 | 30 |
| | P5.0.Z.HT.1 | | 1114 | 330 | 20 | 25 | 30 |
| | P5.0.Z.PH | | 503 | 330 | | | |
| M | | **Stal nierdzewna** | | | | | |
| | M1.0.Z.AQ | Austenityczna | 811 | 200 | - | - | - |
| | M2.0.Z.AQ | Superaustenityczna Ni≥20% | 961 | 200 | - | - | - |
| | M3.1.Z.AQ | | 674 | 230 | - | - | - |
| | M3.2.Z.AQ | Duplex (austenityczno-ferrytyczna) | 674 | 260 | - | - | - |
| | M1.0.C.UT | | 674 | 200 | - | - | - |
| | M2.0.C.AQ | | | 200 | - | - | - |
| | M3.1.C.AQ | | 1114 | 230 | - | - | - |
| K | | **Żeliwo ciągliwe** | | | | | |
| | K1.1.C.NS | Ferrytyczne, Perlityczne | 428 | 200 | 24 | 30 | 36 |
| | | **Żeliwo szare** | | | | | |
| | K2.1.C.UT | O niskiej wytrzymałości | 639 | 180 | 32 | 40 | 48 |
| | K2.2.C.UT | O wysokiej wytrzymałości | 639 | 245 | 32 | 40 | 48 |
| | K2.3.C.UT | | 708 | 175 | 24 | 30 | 36 |
| | | **Żeliwo sferoidalne** | | | | | |
| | K3.1.C.UT | Ferrytyczne | 639 | 155 | 24 | 30 | 36 |
| | K3.2.C.UT | Perlityczne | 991 | 215 | 24 | 30 | 36 |
| | K3.3.C.UT | Perlityczne | 503 | 265 | 24 | 30 | 36 |
| | K3.5.C.UT | | 591 | 190 | 24 | 30 | 36 |
| | K5.1.C.NS | **ADI** | 961 | 300 | 24 | 30 | 36 |
| N | | **Stopy aluminium** | | | | | |
| | N1.2.Z.UT | Przerobione plastycznie, niestarzone | 400 | 60 | 64 | 80 | 96 |
| | N1.2.Z.AG | Kute lub kute i starzone | 650 | 100 | 64 | 80 | 96 |
| | N1.3.C.UT | Odlewy niestarzone | 600 | 75 | 64 | 80 | 96 |
| | N1.3.C.AG | Odlewy lub odlewy starzone | 700 | 90 | 64 | 80 | 96 |
| | N1.4.C.NS | Stopy odlewnicze AlSi, Si ≥ 13% | 700 | 130 | 64 | 80 | 96 |
| | | **Stopy miedzi** | | | | | |
| | N3.3.U.UT | Automatowe stopy miedzi (Pb>1%) | 550 | 110 | 64 | 80 | 96 |
| | N3.1.U.UT | Bezołowiowe stopy miedzi (w tym miedź elektrolityczna) | 1350 | 100 | 64 | 80 | 96 |

# Parametry skrawania dla rozwiertaka CoroReamer™ 435

**Wartości metryczne**

**Geometria -XF**

| DC 3 | 5 | 8 | 10 | 12 | 16 | 20 |
|---|---|---|---|---|---|---|
| | | | $f_n$ mm/obr | | | |
| 0.16 | 0.2 | 0.27 | 0.32 | 0.36 | 0.41 | 0.47 |
| 0.16 | 0.2 | 0.27 | 0.32 | 0.36 | 0.41 | 0.47 |
| 0.16 | 0.2 | 0.27 | 0.32 | 0.36 | 0.41 | 0.47 |
| 0.16 | 0.2 | 0.27 | 0.32 | 0.36 | 0.41 | 0.47 |
| 0.16 | 0.2 | 0.27 | 0.32 | 0.36 | 0.41 | 0.47 |
| 0.11 | 0.15 | 0.18 | 0.21 | 0.24 | 0.28 | 0.31 |
| 0.16 | 0.2 | 0.27 | 0.32 | 0.36 | 0.41 | 0.47 |
| 0.16 | 0.2 | 0.27 | 0.32 | 0.36 | 0.41 | 0.47 |
| 0.11 | 0.15 | 0.18 | 0.21 | 0.24 | 0.28 | 0.31 |
| 0.11 | 0.15 | 0.18 | 0.21 | 0.24 | 0.28 | 0.31 |
| 0.16 | 0.2 | 0.27 | 0.32 | 0.36 | 0.41 | 0.47 |
| 0.16 | 0.2 | 0.27 | 0.32 | 0.36 | 0.41 | 0.47 |
| 0.16 | 0.2 | 0.27 | 0.32 | 0.36 | 0.41 | 0.47 |
| 0.11 | 0.15 | 0.18 | 0.21 | 0.24 | 0.28 | 0.31 |
| 0.16 | 0.2 | 0.27 | 0.32 | 0.36 | 0.41 | 0.47 |
| 0.16 | 0.2 | 0.27 | 0.32 | 0.36 | 0.41 | 0.47 |
| 0.16 | 0.2 | 0.27 | 0.32 | 0.36 | 0.41 | 0.47 |
| 0.16 | 0.2 | 0.27 | 0.32 | 0.36 | 0.41 | 0.47 |
| 0.16 | 0.2 | 0.27 | 0.32 | 0.36 | 0.41 | 0.47 |
| 0.16 | 0.2 | 0.27 | 0.32 | 0.36 | 0.41 | 0.47 |
| 0.16 | 0.2 | 0.27 | 0.32 | 0.36 | 0.41 | 0.47 |
| 0.16 | 0.2 | 0.27 | 0.32 | 0.36 | 0.41 | 0.47 |
| 0.16 | 0.2 | 0.27 | 0.32 | 0.36 | 0.41 | 0.47 |
| 0.16 | 0.2 | 0.27 | 0.32 | 0.36 | 0.41 | 0.47 |
| 0.16 | 0.2 | 0.27 | 0.32 | 0.36 | 0.41 | 0.47 |
| 0.16 | 0.2 | 0.27 | 0.32 | 0.36 | 0.41 | 0.47 |
| 0.16 | 0.2 | 0.27 | 0.32 | 0.36 | 0.41 | 0.47 |
| 0.16 | 0.2 | 0.27 | 0.32 | 0.36 | 0.41 | 0.47 |
| 0.16 | 0.2 | 0.27 | 0.32 | 0.36 | 0.41 | 0.47 |
| 0.16 | 0.2 | 0.27 | 0.32 | 0.36 | 0.41 | 0.47 |
| 0.16 | 0.2 | 0.27 | 0.32 | 0.36 | 0.41 | 0.47 |
| 0.16 | 0.2 | 0.27 | 0.32 | 0.36 | 0.41 | 0.47 |
| 0.16 | 0.2 | 0.27 | 0.32 | 0.36 | 0.41 | 0.47 |
| 0.16 | 0.2 | 0.27 | 0.32 | 0.36 | 0.41 | 0.47 |
| 0.16 | 0.2 | 0.27 | 0.32 | 0.36 | 0.41 | 0.47 |
| 0.16 | 0.2 | 0.27 | 0.32 | 0.36 | 0.41 | 0.47 |
| 0.16 | 0.2 | 0.27 | 0.32 | 0.36 | 0.41 | 0.47 |
| 0.16 | 0.2 | 0.27 | 0.32 | 0.36 | 0.41 | 0.47 |
| 0.16 | 0.2 | 0.27 | 0.32 | 0.36 | 0.41 | 0.47 |
| 0.16 | 0.2 | 0.27 | 0.32 | 0.36 | 0.41 | 0.47 |
| 0.16 | 0.2 | 0.27 | 0.32 | 0.36 | 0.41 | 0.47 |
| 0.16 | 0.2 | 0.27 | 0.32 | 0.36 | 0.41 | 0.47 |
| 0.16 | 0.2 | 0.27 | 0.32 | 0.36 | 0.41 | 0.47 |
| 0.16 | 0.2 | 0.27 | 0.32 | 0.36 | 0.41 | 0.47 |
| 0.16 | 0.2 | 0.27 | 0.32 | 0.36 | 0.41 | 0.47 |
| 0.16 | 0.2 | 0.27 | 0.32 | 0.36 | 0.41 | 0.47 |
| 0.16 | 0.2 | 0.27 | 0.32 | 0.36 | 0.41 | 0.47 |
| 0.18 | 0.25 | 0.35 | 0.39 | 0.43 | 0.5 | 0.53 |

# Parametry skrawania dla rozwiertaka CoroReamer™ 435

**Wartości calowe**

**Geometria -XF**

| ISO | Kod MC | Materiał | N/mm² | HB | XF $v_c$ stopa/min Min. | Zal. | Maks. |
|---|---|---|---|---|---|---|---|
| P | | **Stal węglowa** | | | | | |
| | P1.1.Z.AN | C=0.10-0.25% | 428 | 125 | 79 | 98 | 118 |
| | P1.1.Z.AN | Hartowana i odpuszczana | 639 | 190 | 79 | 98 | 118 |
| | P1.2.Z.AN | C=0.25-0.55% | 639 | 190 | 79 | 98 | 118 |
| | P1.2.Z.HT | | 708 | 210 | 66 | 82 | 98 |
| | P1.3.Z.AN | C=0.55-0.80% | 639 | 190 | 79 | 98 | 118 |
| | P1.3.Z.HT | | 991 | 300 | 52 | 66 | 79 |
| | | **Stal niskostopowa** | | | | | |
| | P2.1.Z.AN | Niehartowana | 591 | 175 | 79 | 98 | 118 |
| | P2.2.Z.AN | Wyżarzana | 811 | 240 | 66 | 82 | 98 |
| | P2.3.Z.AN | | 867 | 260 | 52 | 66 | 79 |
| | P2.5.Z.HT.1 | Hartowana i odpuszczana | 961 | 285 | 52 | 66 | 79 |
| | | **Odlewy staliwne** | | | | | |
| | P1.5.C.UT | Niestopowe | 503 | 150 | 79 | 98 | 118 |
| | P2.6.C.UT | Niskostopowe (zawartość składników stopowych ≤ 5%) | 674 | 200 | 66 | 82 | 98 |
| | | **Stal wysokostopowa** | | | | | |
| | P3.0.Z.AN | Wyżarzana | 674 | 200 | 66 | 82 | 98 |
| | P3.0.Z.HT.1 | | 1282 | 380 | 39 | 49 | 59 |
| | P3.1.Z.AN | Wyżarzona stal szybkotnąca | 839 | 250 | 66 | 82 | 98 |
| | P5.0.Z.HT.1 | | 1114 | 330 | 66 | 82 | 98 |
| | P5.0.Z.PH | | 503 | 330 | | | |
| M | | **Stal nierdzewna** | | | | | |
| | M1.0.Z.AQ | Austenityczna | 811 | 200 | - | - | - |
| | M2.0.Z.AQ | Superaustenityczna Ni≥20% | 961 | 200 | - | - | - |
| | M3.1.Z.AQ | | 674 | 230 | - | - | - |
| | M3.2.Z.AQ | Duplex (austenityczno-ferrytyczna) | 674 | 260 | - | - | - |
| | M1.0.C.UT | | 674 | 200 | - | - | - |
| | M2.0.C.AQ | | | 200 | - | - | - |
| | M3.1.C.AQ | | 1114 | 230 | - | - | - |
| K | | **Żeliwo ciągliwe** | | | | | |
| | K1.1.C.NS | Ferrytyczne, Perlityczne | 428 | 200 | 79 | 98 | 118 |
| | | **Żeliwo szare** | | | | | |
| | K2.1.C.UT | O niskiej wytrzymałości | 639 | 180 | 105 | 131 | 157 |
| | K2.2.C.UT | O wysokiej wytrzymałości | 639 | 245 | 105 | 131 | 157 |
| | K2.3.C.UT | | 708 | 175 | 79 | 98 | 118 |
| | | **Żeliwo sferoidalne** | | | | | |
| | K3.1.C.UT | Ferrytyczne | 639 | 155 | 79 | 98 | 118 |
| | K3.2.C.UT | Perlityczne | 991 | 215 | 79 | 98 | 118 |
| | K3.3.C.UT | Perlityczne | 503 | 265 | 79 | 98 | 118 |
| | K3.5.C.UT | | 591 | 190 | 79 | 98 | 118 |
| | K5.1.C.NS | **ADI** | 961 | 300 | 79 | 98 | 118 |
| N | | **Stopy aluminium** | | | | | |
| | N1.2.Z.UT | Przerobione plastycznie, niestarzone | 400 | 60 | 210 | 262 | 315 |
| | N1.2.Z.AG | Kute lub kute i starzone | 650 | 100 | 210 | 262 | 315 |
| | N1.3.C.UT | Odlewy niestarzone | 600 | 75 | 210 | 262 | 315 |
| | N1.3.C.AG | Odlewy lub odlewy starzone | 700 | 90 | 210 | 262 | 315 |
| | N1.4.C.NS | Stopy odlewnicze AlSi, Si ≥ 13% | 700 | 130 | 210 | 262 | 315 |
| | | **Stopy miedzi** | | | | | |
| | N3.3.U.UT | Automatowe stopy miedzi (Pb>1%) | 550 | 110 | 210 | 262 | 315 |
| | N3.1.U.UT | Bezołowiowe stopy miedzi (w tym miedź elektrolityczna) | 1350 | 100 | 210 | 262 | 315 |



SANDVIK Coromant

# Parametry skrawania dla rozwiertaka CoroReamer™ 435

**Wartości calowe**

**Geometria -XF**

| DC 3 | 5 | 8 | 10 | 12 | 16 | 20 |
|---|---|---|---|---|---|---|
| | | | $f_n$ cal/obr | | | |
| .0063 | .0079 | .0106 | .0126 | .0142 | .0161 | .0185 |
| .0063 | .0079 | .0106 | .0126 | .0142 | .0161 | .0185 |
| .0063 | .0079 | .0106 | .0126 | .0142 | .0161 | .0185 |
| .0063 | .0079 | .0106 | .0126 | .0142 | .0161 | .0185 |
| .0063 | .0079 | .0106 | .0126 | .0142 | .0161 | .0185 |
| .0043 | .0059 | .0071 | .0083 | .0094 | .0110 | .0122 |
| .0063 | .0079 | .0106 | .0126 | .0142 | .0161 | .0185 |
| .0063 | .0079 | .0106 | .0126 | .0142 | .0161 | .0185 |
| .0043 | .0059 | .0071 | .0083 | .0094 | .0110 | .0122 |
| .0043 | .0059 | .0071 | .0083 | .0094 | .0110 | .0122 |
| .0063 | .0079 | .0106 | .0126 | .0142 | .0161 | .0185 |
| .0063 | .0079 | .0106 | .0126 | .0142 | .0161 | .0185 |
| .0063 | .0079 | .0106 | .0126 | .0142 | .0161 | .0185 |
| .0043 | .0059 | .0071 | .0083 | .0094 | .0110 | .0122 |
| .0063 | .0079 | .0106 | .0126 | .0142 | .0161 | .0185

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