

CoroDrill® Dura 462

Percez facilement dans toutes les matières

Remise : % sur les forets CoroDrill® Dura 462
Validité :

Caractéristiques et avantages

- Géométrie conçue pour obtenir une excellente stabilité d'usinage et une grande sécurité de process
- Productivité maximale grâce à la nouvelle nuance X2BM
- Forets entièrement revêtus pour une grande résistance à l'usure
- Une conception robuste assure un bon centrage et la rectitude du trou, ce qui garantit les meilleures conditions d'avant-trou possibles pour les opérations ultérieures telles que le taraudage ou l'alésage
- Durée de vie plus longue et coût au trou réduit
- Gamme étendue de forets, notamment foret droit et foret avec chanfrein pour avant - trou de taraudage

Conçue pour un perçage durable

Lorsque vous utilisez CoroDrill® Dura 462 avec le bon montage et les bonnes conditions de coupe provenant de CoroPlus® Tool Guide, vous pouvez espérer une augmentation de la durée de vie de l'outil de 100 % ou plus*.

Notre revêtement PVD Zertivo® 2.0 et notre substrat en carbure cimenté à micro-grains sont de véritables atouts, car ils permettent des avances et vitesses de coupes élevées.

Le résultat ? Productivité fiable et réduction du coût au trou.



Plage application
de 3 x Ø à 8 x Ø

En savoir plus sur le CoroDrill® Dura 462 :



CoroDrill® Dura 462

SANDVIK
coromant

Conditions de coupe recommandées

ISO	Code MC	Matière	Dureté HB	Vitesse de coupe (v _c), m/min (pieds/min)			Diamètre de foret, mm (pouces)				
							3.00–6.00 (0.118–0.236)	6.01–10.00 (0.237–0.393)	10.01–13.00 (0.394–0.511)	13.01–16.00 (0.512–0.629)	16.01–20.00 (0.630–0.787)
				A1 (3–5xD)	A1 (8xD)	A0 (3–5xD)	Avance (f _a), mm/tr (pouces/tr)*				
P	Aciers										
	P1.1.Z.AN	Non allié C = 0.1–0.25 %	200	125–190 (410–623)	115–190 (377–623)	96–150 (315–492)	0.16–0.24 (0.0063–0.0094)	0.16–0.26 (0.0063–0.0102)	0.21–0.30 (0.0082–0.0118)	0.25–0.40 (0.0098–0.0157)	0.35–0.45 (0.0137–0.0177)
	P1.2.Z.AN	Non allié C = 0.25–0.55 %	300	125–190 (410–623)	125–190 (410–623)	85–130 (278–426)	0.16–0.24 (0.0063–0.0094)	0.16–0.26 (0.0063–0.0102)	0.21–0.30 (0.0082–0.0118)	0.25–0.40 (0.0098–0.0157)	0.35–0.45 (0.0137–0.0177)
	P1.3.Z.AN	Non allié C > 0.55 %	200	105–160 (344–525)	105–160 (344–525)	80–130 (262–426)	0.09–0.15 (0.0035–0.0060)	0.120–0.22 (0.0047–0.0086)	0.20–0.28 (0.0078–0.0110)	0.25–0.32 (0.0098–0.0126)	0.32–0.45 (0.0125–0.0177)
	P2.1.Z.AN	Faibl. allié (éléments d’alliage ≤ 5 %)	200	120–150 (393–492)	120–150 (393–492)	80–130 (262–426)	0.09–0.18 (0.0035–0.0070)	0.16–0.24 (0.0063–0.0094)	0.20–0.33 (0.0078–0.0129)	0.24–0.38 (0.0095–0.0149)	0.30–0.42 (0.0118–0.0165)
	P2.2.Z.AN	Faiblement allié recuit	200	80–132 (264–433)	80–132 (265–433)	70–104 (229–341)	0.12–0.18 0.0047–0.0070	0.15–0.24 0.0059–0.0094	0.22–0.32 0.0086–0.0126	0.3–0.45 0.0118–0.0177	0.35–0.50 0.0137–0.0196
	P2.5.Z.HT	Faiblement allié trempé + revenu	200	70–90 (230–295)	70–90 (230–295)	40–60 (131–197)	0.09–0.15 (0.0035–0.0059)	0.20–0.30 (0.0078–0.0118)	0.22–0.40 (0.0078–0.0157)	0.26–0.33 (0.0102–0.0129)	0.30–0.48 (0.0118–0.0188)
	P3.0.Z.AN	Fortement allié recuit	200	90–140 (295–459)	90–140 (295–459)	60–95 (197–311)	0.09–0.140 (0.0035–0.055)	0.16–0.24 (0.0063–0.0094)	0.20–0.30 (0.0079–0.0118)	0.22–0.336 (0.0086–0.0132)	0.32–0.41 (0.0126–0.0161)
P3.0.Z.HT	Fortement allié trempé + revenu	200	45–75 (147–246)	45–75 (147–246)	40–60 (131–197)	0.06–0.10 (0.0023–0.0039)	0.1–0.17 (0.0039–0.0067)	0.13–0.20 (0.0051–0.0078)	0.22–0.28 (0.0086–0.0110)	0.25–0.32 (0.0098–0.0126)	
M	Aciers inoxydables										
	M1.0.Z.AQ	Austénitique	200	30–90 (98–295)	30–90 (98–295)		0.07–0.15 (0.0027–0.0059)	0.10–0.20 (0.0039–0.0078)	0.13–0.20 (0.0051–0.0078)	0.15–0.3 (0.0059–0.0118)	0.25–0.40 (0.0098–0.0157)
	M2.0.Z.AQ	Super austénitique Ni ≥ 20 %	300	30–50 (98–164)	30–50 (98–164)		0.07–0.14 (0.0027–0.0055))	0.10–0.17 (0.0039–0.0067)	0.12–0.20 (0.0047–0.0078)	0.14–0.25 (0.0055–0.0098)	0.22–0.35 (0.0086–0.0137)
	M3.2.Z.A	Austénitique/ Ferritique (Duplex)	260	40–80 (131–262)	40–80 (131–262)		0.06–0.11 (0.0023–0.0043)	0.10–0.15 (0.0039–0.0059)	0.12–0.18 (0.0047–0.0070)	0.16–0.32 (0.0063–0.0126)	0.25–0.36 (0.0098–0.0141)
K	Fontes malléables										
	K1.1.C.NS	Ferritique/ perlitique	200	70–110 (230–360)	70–110 (230–360)	55–85 (180–278)	0.1–0.14 (0.0039–0.0066)	0.12–0.20 (0.0047–0.0078)	0.21–0.30 (0.0082–0.0118)	0.25–0.4 (0.0098–0.0157)	0.3–0.5 (0.0118–0.0196)
	Fontes grises										
	K2.1.C.UT	Faible résistance à la traction	180	80–130 (262–426)	70–125 (230–410)		0.12–0.2 (0.0047–0.0078)	0.18–0.25 (0.0070–0.0098)	0.24–0.35 (0.0094–0.0137)	0.3–0.5 (0.0118–0.0196)	0.4–0.6 (0.0157–0.0236)
	K2.2.C.UT	Forte résistance à la traction	245	80–130 (263–426)	70–125 (230–410)		0.12–0.2 (0.0047–0.0051)	0.18–0.25 (0.0070–0.0098)	0.24–0.35 (0.0094–0.0137)	0.3–0.5 (0.0118–0.0196)	0.4–0.6 (0.0157–0.0236)
	Fontes nodulaires										
	K3.1.C.UT	Ferritique	155	75–130 (246–426)	65–120 (213–394)	60–90 (197–295)	0.12–0.25 (0.0047–0.0098)	0.18–0.3 (0.0070–0.0118)	0.25–0.38 (0.0098–0.0149)	0.28–0.5 (0.0110–0.0197)	0.40–0.65 (0.0157–0.0255)
	K3.3.C.UT	Perlitique	265	75–130 (246–426)	65–120 (213–394)	60–90 (197–295)	0.1–0.2 (0.0039–0.0078)	0.16–0.24 (0.0063–0.0094)	0.20–0.30 (0.0078–0.0118)	0.25–0.38 (0.0098–0.0149)	0.3–0.45 (0.0118–0.0177)
N	K4.2.C.UT	CGI	230	75–130 (246–426)	65–120 (213–394)	60–90 (197–295)	0.12–0.30 (0.0047–0.0118)	0.18–0.32 (0.0070–0.0125)	0.25–0.38 (0.0098–0.0149)	0.28–0.45 (0.0110–0.0177)	0.35–0.5 (0.0137–0.0196)
	K5.1.C.NS	ADI	300	45–90 (148–295)	45–90 (148–295)	40–60 (131–197)	0.10–0.16 (0.0039–0.0063)	0.16–0.26 (0.0062–0.0102)	0.20–0.30 (0.0078–0.0118)	0.28–0.35 (0.0110–0.0137)	0.30–0.40 (0.0118–0.0157)
	Alliages à base aluminium										
	N1.2.Z.UT	Alliages AlSi Si ≤ 1 % non traité	60	250–360 (820–360)	250–360 (820–360)	190–284 (623–931)	0.12–0.18 (0.0047–0.0070)	0.21–0.31 (0.0082–0.0122)	0.30–0.45 (0.0118–0.0177)	0.35–0.51 (0.0137–0.0201)	0.36–0.55 (0.0141–0.0216)
N1.2.Z.AG	Alliages AlSi Si ≤ 1 %	100	250–360 (820–1180)	250–360 (820–1180)	180–300 (590–984)	0.20–0.30 (0.0078–0.0118)	0.24–0.38 (0.0094–0.0147)	0.30–0.45 (0.0118–0.0177)	0.30–0.45 (0.0118–0.0177)	0.35–0.55 (0.0137–0.0216)	
N1.3.C.AG	Alliages AlSi 1 % < Si < 13 %	90	190–285 (623–935)	190–285 (623–935)	152–228 (499–747)	0.10–0.18 (0.0078–0.0118)	0.16–0.24 (0.0063–0.0094)	0.25–0.45 (0.0098–0.0177)	0.30–0.43 (0.0118–0.0169)	0.40–0.70 (0.0157–0.0275)	
N1.4.C.NS	Alliages coulés AlSi Si ≥ 13 %	130	145–220 (475–721)	145–220 (475–721)	120–170 (394–557)	0.090–0.14 (0.0035–0.0055)	0.16–0.24 (0.0063–0.0094)	0.20–0.30 (0.0078–0.0118)	0.22–0.34 (0.0086–0.0133)	0.27–0.45 (0.0106–0.0177)	
S	Alliages à base de titane										
	S4.1.Z.UT	Pur commercial (~99.5 % Ti)	200	45–70 (147–230)			0.13–0.18 (0.0051–0.0110)	0.15–0.20 (0.0059–0.0078)	0.17–0.22 (0.0066–0.0086)	0.23–0.32 (0.0090–0.0125)	0.35–0.42 (0.0137–0.0165)
	S4.2.Z.AN	Alliages alpha et quasi alpha	330	38–58 (125–190)			0.10–0.15 (0.0039–0.0059)	0.11–0.18 (0.0043–0.0070)	0.11–0.22 (0.0043–0.0086)	0.16–0.28 (0.0063–0.0110)	0.3–0.38 (0.0118–0.0147)
H	Aciers extra durs										
	H1.1.Z.HA	Trempé et revenu	50	20–30 (65–98)			0.06–0.1 (0.0023–0.0039)	0.08–0.12 (0.0031–0.0047)	0.13–0.20 (0.0051–0.0078)	0.16–0.24 (0.0063–0.0094)	0.18–0.27 (0.0070–0.0106)
	H1.2.Z.HA	Trempé et revenu	55	18–25 (59–82)			0.06–0.1 (0.0023–0.0039)	0.08–0.12 (0.0031–0.0047)	0.13–0.20 (0.0051–0.0078)	0.16–0.24 (0.0063–0.0094)	0.18–0.27 (0.0070–0.0106)
	H2.0.C.UT	Fonte en coquille	55	22–36 (72–118)			0.06–0.1 (0.0023–0.0039)	0.08–0.12 (0.0031–0.0047)	0.13–0.20 (0.0051–0.0078)	0.16–0.24 (0.0063–0.0094)	0.18–0.27 (0.0070–0.0106)