

UTENSILI CONICI PER FORARE ED ALLARGARE LAMIERE E TUBI

Conical drill bits for metal sheets and tubes/Forets coniques et étages revêtus au TiN et TiAlN/
Brocas conicas para planchas/Brocas cónicas para chapas e tubos metálicos

01200

HSS-G

TiN



HSS-G+TiN
HV 0,05 = 2300

Gambo antisdrucciolo
High grip shank

Uso intensivo
Intensive use



$R \leq 1000 \text{ N/mm}^2$



Confezione
Packaging



Gr.	Ø min - max	d mm	l mm	L mm	cod.
1	3 ÷ 14	6	21	58	0120001
2	6 ÷ 20	8	21	70	0120002
3	16 ÷ 30,5	10	25	79	0120003
4	26 ÷ 40	10	25	86	0120004
5	36 ÷ 50	13	25	90	0120005
6	40 ÷ 61	13	25	97	0120006
7	3 ÷ 31	10	21	109	0120007
8	3 ÷ 22,5	8	21	85	0120008

Applicazioni
Applications



Inox
Stainless



Acciaio
Steel



Metalli
Metals



Alluminio
Aluminum



Plastica
Plastic



Emulsione
Lubrificant



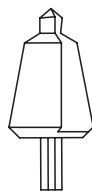
Gr.1



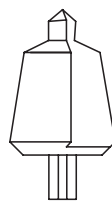
Gr.2



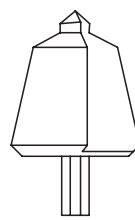
Gr.3



Gr.4



Gr.5



Gr.6



Gr.7
Lungo
Long



Gr.8
Antenna

PARAMETRI DI TAGLIO PER UTENSILI CONICI IN FUNZIONE DEL MATERIALE DA LAVORARE

Recommended cutting parameter chart for conical drill bits in accordance with the materials to work/ Tableau des paramètres de coupe recommandés pour les forets coniques en fonction des matériaux à travailler/ Tabla de parámetros de corte recomendados para brocas cónicas en función de los materiales a trabajar/ Tabela de parâmetros de corte recomendados para brocas cónicas em função dos materiais a trabalhar



Utensili conici Conical drill bits

Materiale da lavorare <i>Work-piece material</i>	Profondità di foratura <i>Cutting depth</i>	Grandezza <i>Size</i>								Refrigerante <i>Coolant</i>
		1	2	3	4	5	6	7	8	
		3÷14	6÷20	16÷30,5	26÷40	36÷50	40÷61	3÷31	3÷22,5	
	Giri/min - <i>rpm</i>									
mm										
Acciaio inox e alto legato <i>Stainless steel high alloy steel</i>	1	750	500	280	200	150	130	400	500	
Acciaio basso legato <i>Low alloy steel</i>	2	1100	740	420	300	220	190	580	740	
Ghisa fino a 250 N/mm² <i>Cast iron up to 250 N/mm²</i>	3	560	360	200	150	110	100	300	360	
Ghisa oltre 250 N/mm² <i>Cast iron beyond 250 N/mm²</i>	3	380	240	140	100	80	60	200	240	
Ottone fragile <i>Fragile brass</i>	3	2200	1500	830	600	440	400	1100	1500	
Ottone tenace <i>Tough brass</i>	3	1300	860	480	340	260	220	680	860	
Leghe leggere <i>Light alloys</i>	5	1100	740	420	300	220	190	580	740	
Plastica <i>Plastics</i>	5	1300	860	480	340	260	220	680	860	

Campo di applicazione degli utensili conici rivestiti
Range of application for HSS conical drill-bits

