

**FRESE A TAZZA TCT AD ALBERO MOBILE PER FORARE LAMIERE IN ACCIAIO INOX, ACCIAI DURI TRATTATI** *Tungsten carbide tipped hole saws for stainless and hard metal sheets /Scies tréfans au carbure de tungstene pour la tôle en acier inox/Coronas con dientes de metal duro para planchas en acero inoxidable y duro/ Serras de trépano de carboneto de tungstênio para furos em chapas de aço inoxidável de metal duro*

**21040**

**TCT**

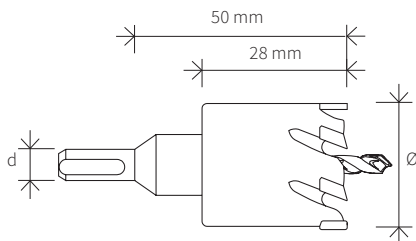
**Serie corta**  
*Short serie*



Confezione  
*Packaging*



**Inserti in metallo duro**  
*Carbide tips*



**R ≤ 1300 N/mm<sup>2</sup>**

**Applicazioni**  
*Applications*



**Inox**  
*Stainless*



**Acciaio**  
*Steel*



**Metalli**  
*Metals*



**Alluminio**  
*Aluminum*



**Leghe leggere**  
*Light alloys*

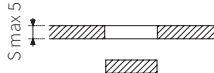


**Plastica**  
*Plastic*



**Emulsione**  
*Lubricant*

**Spessore lavorabile**  
*Material tickness workable*



Ø	d	cod.
15	10	2104001500
16	10	2104001600
17	10	2104001700
18	10	2104001800
19	10	2104001900
20	10	2104002000
21	10	2104002100
22	10	2104002200
23	10	2104002300
24	10	2104002400
25	10	2104002500
26	10	2104002600
27	10	2104002700
28	10	2104002800
29	10	2104002900
30	10	2104003000
31	10	2104003100
32	10	2104003200
33	10	2104003300
34	10	2104003400
35	10	2104003500
36	10	2104003600
37	10	2104003700
38	13	2104003800
39	13	2104003900
40	13	2104004000
41	13	2104004100
42	13	2104004200
43	13	2104004300
44	13	2104004400
45	13	2104004500
46	13	2104004600
47	13	2104004700

Ø	d	cod.
48	13	2104004800
49	13	2104004900
50	13	2104005000
51	13	2104005100
52	13	2104005200
53	13	2104005300
54	13	2104005400
55	13	2104005500
56	13	2104005600
57	13	2104005700
58	13	2104005800
59	13	2104005900
60	13	2104006000
63	13	2104006300
65	13	2104006500
70	13	2104007000
75	13	2104007500
76	13	2104007600
80	13	2104008000
85	13	2104008500
90	13	2104009000
95	13	2104009500
100	13	2104010000
*105	13	2104010500
*110	13	2104011000
*115	13	2104011500
*120	13	2104012000
*125	13	2104012500
*130	13	2104013000
*135	13	2104013500
*140	13	2104014000
*145	13	2104014500
*150	13	2104015000

**\*Integrale / One piece**



**pcs.**

**cod.**

	Ø ≥ 15mm	pcs.	cod.
		5	21045098

<b>Gambo</b> <i>Arbor</i>	<b>Per frese</b> <i>Fit hole cutters</i>	d	D	M	cod.
	Ø 15 ÷ 21	10	15	12 x 1,5	21045120
	Ø 22 ÷ 38	10	19	14 x 1,5	21045121
	Ø 39 ÷ 100	13	22	14 x 1,5	21045122

<b>Punta pilota</b> <i>Pilot drill</i>	<b>AISI M2</b>	<b>Per frese</b> <i>Fit hole cutters</i>	Ø x L	cod.
		Ø 15 ÷ 100	6 x 62	21045100
		Ø 105 ÷ 120	8 x 62	21045101

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codice code	n. pezzi No. pieces	∅
21055130	28	15 ÷ 40 x 1 + 45 - 50 mm



codice code	n. pezzi No. pieces	∅
21055300	8	16 - 18 - 20 - 22 - 25 - 30 - 32 - 35



codice code	n. pezzi No. pieces	composizione description	
21055302	8	∅ 51 ÷ 54 mm	
		∅ 51 ÷ 54 mm	
		210705546B	
21055303	8	∅ 6 ÷ 8 mm	
		HM4 ∅ 12	
		∅ 54 ÷ 57 mm	
		∅ 54 ÷ 57 mm	
		210705546B	
		∅ 6 ÷ 8 mm	
		HM4 ∅ 12	

## VELOCITÀ DI TAGLIO PER FRESE A TAZZA TCT IN FUNZIONE DEL MATERIALE DA LAVORARE

Recommended cutting parameter chart for TCT hole cutters in accordance with the materials to work/ Tableau des paramètres de coupe recommandés pour les scies cloches TCT en fonction des matériaux à travailler/Tabla de parámetros de corte recomendados para cortadores de agujeros TCT en función de los materiales a trabajar/Tabela de parâmetros de corte recomendada para as fresas TCT de acordo com os materiais a trabalhar

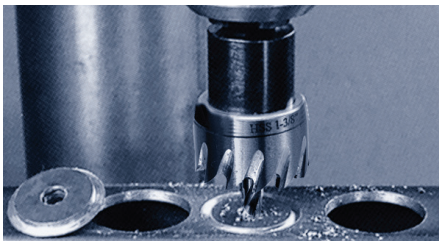
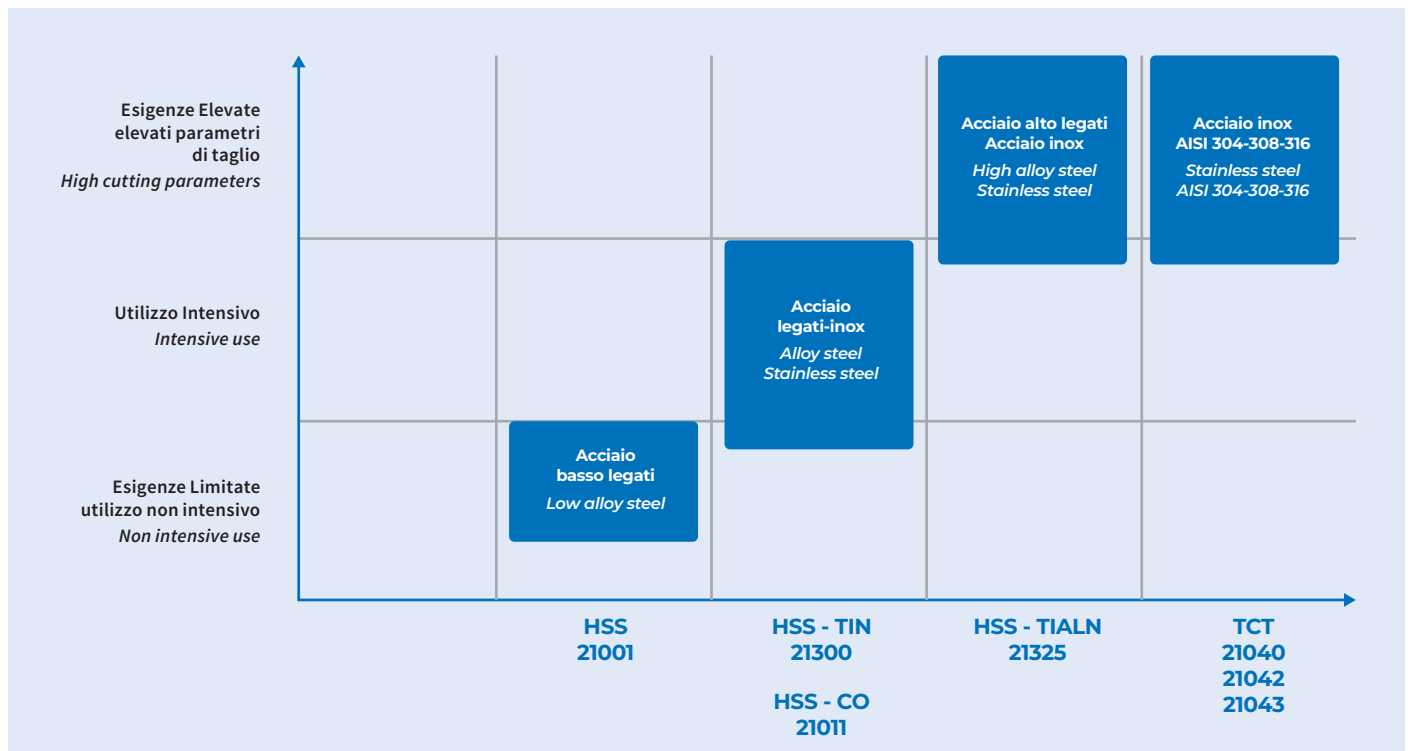


### Frese a tazza T.C.T. T.C.T. Hole cutters

Materiale da lavorare Work-piece material	Spessore di foratura Cutting depth mm	Ø Frese TCT / TCT hole cutter mm						Refrigerante Coolant
		15÷20	21÷25	26÷30	31÷40	41÷50	51÷70	
		n. giri / min - rpm						
<b>Acciaio basso legato</b> Low alloy steel	4	710	550	450	360	280	210	
<b>Acciaio inox e alto legato</b> Stainless steel high alloy steel	2	530	420	340	270	210	160	
<b>Ghisa</b> Cast iron	4	620	480	400	320	250	190	
<b>Ottone</b> Brass	4	800	620	510	410	320	240	
<b>Alluminio</b> Aluminium	4	880	690	570	450	350	270	
<b>Plastica</b> Plastics	4	740	580	480	380	300	220	

## GUIDA ALLA SCELTA DELLA TAZZA

Choosing chart/ Tableau de sélection/Tabla de selección/Seleção da tabela



Dentatura ricavata interamente di rettifica, taglio laterale rompitruciolo, molla di espulsione del dischetto.  
Grande rendimento, precisione di foratura nel taglio anche profondo di tutte le lamiere in acciaio, leghe leggere, materiali metallici in genere, utensile riaffilabile.

*Fully ground cutting teeth with chipbreaker, regrindable. High performances and precision in hole-making into metal sheets, light alloys, all kind of metals.*