



SCM® Special Cutting Mills è il primo marchio 100% Made in Italy di utensili da taglio in metallo duro ad elevato grado di personalizzazione. L'offerta SCM® è progettata e realizzata interamente in Italia grazie alla competenza specializzata di Tecnica Srl, presente da oltre vent'anni nel mercato delle frese in metallo duro. Miglioriamo costantemente le performance e i rendimenti dei nostri prodotti grazie al nostro approccio produttivo 4.0.

SCM® Special Cutting Mills is the first brand of hard metal cutting tools 100% Made in Italy, with a high degree of customization. The SCM® offering is engineered and produced entirely in Italy thanks to the specialized skill of Tecnica Srl, which has been operating for over twenty years on the market of hard metal cutting mills. We improve the performance and output of our products constantly thanks to our productive approach 4.0.

PERCHÈ SCM? WHY SCM?



ELEVATA DURATA
DELL'UTENSILE

LONG LIFE
TOOLS



ALTO CONTROLLO
QUALITÀ

HIGH
QUALITY
CONTROL



PRODUZIONE
4.0

MANUFACTURING
4.0



PERSONALIZZATE

CUSTOMIZATION

MADE IN
ITALY

MADE IN ITALY

MADE IN ITALY



AMBIENTE A
TEMPERATURA
COSTANTE

CONTROLLED
TEMPERATURE
ENVIRONMENT



Made in Italy



specialcuttingmills.com



A TRADEMARK OF:

Tecnica Srl - Società unipersonale - Via Labirinto 151 - 25125 Brescia - Italy
Tel. +39 030 2401961 - Fax +39 030 43988 | info@tecnicautensili.com

Seguici su - Follow us

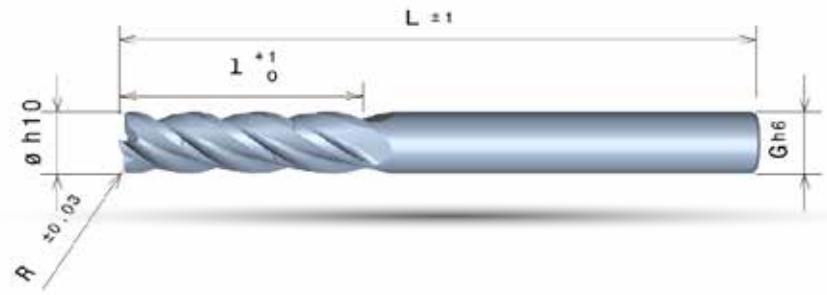


TORNADO

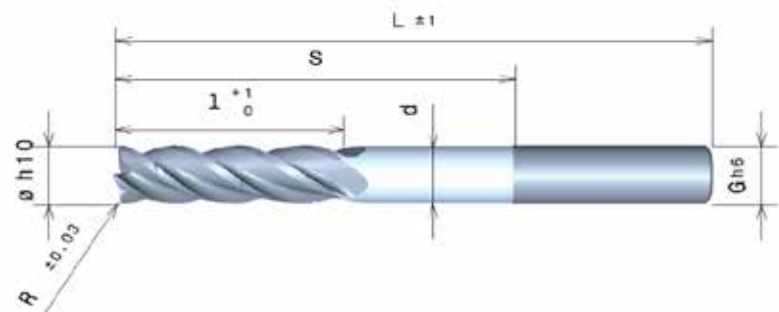
Progettata per garantire alte prestazioni anche su macchine a bassa potenza

Designed for high performance even on low power machines

TORNADO



NUMERIC CODE	ARTICLE CODE	Ø	R	G	L	I
00621569	FCTTA-Ø6-R0,5-G6-L52-I9-Z4	6	0,5	6	52	9
00621583	FCTTA-Ø6-R0,5-G6-L63-I18-Z4	6	0,5	6	63	18
00621617	FCTTA-Ø8-R0,5-G8-L63-I12-Z4	8	0,5	8	63	12
00621620	FCTTA-Ø8-R0,5-G8-L78-I24-Z4	8	0,5	8	78	24
00622014	FCTTA-Ø10-R0,5-G10-L63-I15-Z4	10	0,5	10	63	15
00622015	FCTTA-Ø10-R0,5-G10-L78-I30-Z4	10	0,5	10	78	30
00621629	FCTTA-Ø12-R0,5-G12-L78-I18-Z4	12	0,5	12	78	18
00622016	FCTTA-Ø12-R0,5-G12-L90-I36-Z4	12	0,5	12	90	36
00622017*	FCTTA-Ø16-R1-G16-L90-I24-Z4	16	1	16	90	24
00621636*	FCTTA-Ø16-R1-G16-L120-I48-Z4	16	1	16	120	48
00621641*	FCTTA-Ø20-R1-G20-L105-I30-Z4	20	1	20	105	30
00621774*	FCTTA-Ø20-R1-G20-L120-I60-Z4	20	1	20	120	60



NUMERIC CODE	ARTICLE CODE	Ø	R	G	L	I	S	d
00621998	FCTTC-Ø6-R0,5-G6-L52-I9-S15-Z4	6	0,5	6	52	9	15	5,6
00621580	FCTTC-Ø6-R0,5-G6-L63-I18-S25-Z4	6	0,5	6	63	18	25	5,6
00622000	FCTTC-Ø8-R0,5-G8-L63-I12-S25-Z4	8	0,5	8	63	12	25	7,6
00621776	FCTTC-Ø8-R0,5-G8-L78-I24-S40-Z4	8	0,5	8	78	24	40	7,6
00622001	FCTTC-Ø10-R0,5-G10-L63-I15-S20-Z4	10	0,5	10	63	15	20	9,6
00622004	FCTTC-Ø10-R0,5-G10-L78-I30-S35-Z4	10	0,5	10	78	30	35	9,6
00621953	FCTTC-Ø12-R0,5-G12-L78-I18-S30-Z4	12	0,5	12	78	18	30	11,6
00622007	FCTTC-Ø12-R0,5-G12-L90-I36-S45-Z4	12	0,5	12	90	36	45	11,6
00622010*	FCTTC-Ø16-R1-G16-L90-I24-S40-Z4	16	1	16	90	24	40	15,5
00622013*	FCTTC-Ø16-R1-G16-L120-I48-S70-Z4	16	1	16	120	48	70	15,5
00621788*	FCTTC-Ø20-R1-G20-L105-I30-S55-Z4	20	1	20	105	30	55	19,5
00621775*	FCTTC-Ø20-R1-G20-L120-I60-S70-Z4	20	1	20	120	60	70	19,5

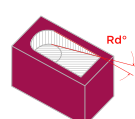
* Richiedere disponibilità
* Ask for availability



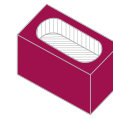
CONTORNATURA
SHOULDERING



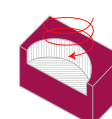
CAVA
SLOTTING



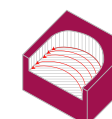
RAMPA
RAMP DOWN



TASCA
POCKETING



INTERPOLAZIONE
ELICOIDALE
HELICAL
INTERPOLATION



FRESATURA
TROCIDAILE
TROCHOIDAL
MILLING



Z
N°=2/4



TAGLIO INTERROTTO
CHIP SPLITTER



		Cava Slotting	Contornatura Shoulder milling	Trocoidale Trochoidal	Finitura Finishing
		ae=Ø ap=l Max Vc(m/min.)	ae=25%-10%Ø ap=l Max Vc(m/min.)	ae=8%Ø ap=l Max Vc(m/min.)	ae=8%-3%Ø ap=l Max Vc(m/min.)
acciaio	acc. Dolce	120-180	180-220	234	210-300
	Basso legato	110-170	130-220	198	180-290
	Alto legato	90-140	110-180	180	140-230
acciaio inossidabile	AISI 304-416-420	90-110	130-150	145	150-175
	Leghe Cr-Co	60-75	100-110	125	120-130
	Super Duplex	50-65	80-120	110	100-130
acciaio temperato	<= 54 HRD	40-50	60-70	75	70-80
Titanio	Titanio & Leghe di Titanio	40-60	60-70	85	80-90
superleghe resistenti al calore	HRSA Inconel 718	25-30	30-40	45	40-45

Ø	Avanzamento fz mm/tagliante feed mm/tooth											
	Cava/Slotting		Contornatura/Shoulder milling				Trocoidale Trochoidal		Finitura/Finishing			
	ae=Ø		ae=25%Ø		ae=10%Ø		ae=8%Ø		ae=8%Ø		ae=3%Ø	
	l=3Ø	l=1,5Ø	l=3Ø	l=1,5Ø	l=3Ø	l=1,5Ø	l=3Ø	l=1,5Ø	l=3Ø	l=1,5Ø	l=3Ø	l=1,5Ø
6	0,007	0,011	0,017	0,027	0,024	0,038	0,06	0,11	0,027	0,043	0,045	0,072
8	0,010	0,016	0,024	0,038	0,034	0,054	0,08	0,14	0,038	0,061	0,064	0,1024
10	0,014	0,025	0,032	0,051	0,046	0,074	0,11	0,20	0,051	0,082	0,086	0,1376
12	0,018	0,030	0,043	0,069	0,061	0,098	0,15	0,27	0,068	0,109	0,115	0,184
16	0,028	0,045	0,066	0,106	0,094	0,150	0,23	0,41	0,105	0,168	0,176	0,2816
20	0,038	0,060	0,090	0,144	0,128	0,205	0,31	0,56	0,143	0,229	0,24	0,384