































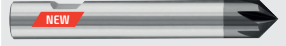


SILSAVING

SOLID CARBIDE END MILLS

BY SILMAX

silmax.it/silsaving

Fresa End mill	Codice Code	Ø (D mm)	Z	ACCIAIO GHISA INOX	ACCIAIO INOX TITANIO	ALLUMINIO RAME PLASTICHE
	895S 895SW	3,0 ÷ 20,0	4	●	-	-
	893S 893SW	4,0 ÷ 20,0	4	●	-	-
	892S 892SW	3,0 ÷ 20,0	4	●	-	-
	892SK 892SKW	3,0 ÷ 20,0	4	●	-	-
	892SL 892SLW	5,0 ÷ 20,0	4	●	-	-
	894S 894SW	3,0 ÷ 20,0	4	-	●	-
	894SL 894SLW	5,0 ÷ 20,0	4	-	●	-
	856S 856SW	2,0 ÷ 20,0	4	●	-	-
	856CR 856CRW	2,0 ÷ 12,0	4	●	-	-
	829S	2,0 ÷ 10,0	4	●	-	-
	859S 859SW	3,0 ÷ 16,0	4	●	-	-
	861S 861SW	6,0 ÷ 20,0	6	●	-	-
	866S 866SW	2,0 ÷ 20,0	4	●	●	-
	883S 883SW	6,0 ÷ 16,0	4	●	●	-
	897S 897SW	4,0 ÷ 16,0	4	●	-	-
	871S 871SW	4,0 ÷ 20,0	4	●	-	-
	806S 806SW	2,0 ÷ 20,0	2	●	●	-
	806CR 806CRW	2,0 ÷ 12,0	2	●	●	-
	821S	2,0 ÷ 10,0	2	●	-	-
	801S 801SW	2,0 ÷ 20,0	2	●	-	-
	879S 879SW	4,0 ÷ 16,0	2	●	-	-
	816S 816SW	2,0 ÷ 20,0	2	●	●	-
	881S 881SW	4,0 ÷ 16,0	2	●	●	-
	836S 836SW	2,0 ÷ 20,0	3	●	-	-
	826S	2,0 ÷ 10,0	3	●	-	-
	876S 876SW	4,0 ÷ 16,0	3	●	-	-
	810 810W	4,0 ÷ 20,0	2	-	-	●
	812 812W	3,0 ÷ 20,0	3/4	-	-	●
	813 813W	2,0 ÷ 20,0	3	-	-	●
	841W	3,0 ÷ 20,0	4/6	●	-	-
	842W	3,0 ÷ 20,0	4/6	●	-	-

■ Acciaio / Steel
 ■ Ghisa / Cast Iron
 ■ Inox / Stainless Steel
 ■ Titanio / Titanium
 ■ Alluminio / Aluminium
 ■ Rame / Copper



Silmax rinnova la propria linea **Silsaving** con una gamma di utensili con elica differenziata e divisione irregolare dei taglienti: la **895S**, adatta a lavorazioni di acciai generici, la **894S** specifica per acciai inossidabili ferritici ed austenitici e la **813** per leghe leggere.

Viene anche ampliata la proposta della fresa **892S** con l'introduzione della serie corta (SK) e lunga (SL).

Tutte le frese vengono offerte con il rivestimento **Alcrona Pro** prodotto internamente in Silmax.

La linea Silsaving risponde alle esigenze più specifiche e particolari della clientela garantendo qualità elevata che identifica il marchio Silmax ad un prezzo concorrenziale.

Silmax renews the **Silsaving** offer, with a new set of tools with unequal flute spacing and variable helix: the **895S** suitable for machining steel, the **894S** for ferritic and austenitic stainless steel and the **813** for light alloys.

The **892S**, is now available with a short (SK) and long (SL) version.

All tools are with **Alcrona Pro** and are coated by Silmax internally.

Silmax Silsaving Line responds to the most specific needs of customers, ensuring high quality at a very competitive price.

							Pagina Page
●	●	-	●	-	-	-	4
●	●	-	●	-	●	-	4
●	●	-	●	-	-	-	5
●	●	-	●	-	-	-	6
●	●	-	●	-	-	-	6
●	●	-	●	-	-	-	7
●	●	-	●	-	-	-	7
-	●	-	-	-	-	-	8
-	●	-	-	-	-	-	8
●	●	-	-	-	-	-	9
●	●	-	-	-	-	-	9
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-	●	-	-	-	-	-	11
●	●	-	-	●	-	-	12
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●	●	-	●	-	-	-	17
●	●	-	●	●	●	-	17
-	-	-	-	-	-	●	18
-	-	-	-	-	-	●	18

■ Resine Termoplastiche / Thermoplastics

04 Gamma prodotti
Product range

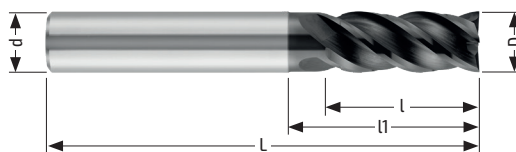
20 Parametri di lavoro
Working parameters

23 Legenda
Legend

NEW

895S | 895SW

Fresa 4 taglienti serie normale
con elica differenziata
4 flute end mill regular version
with variable helix



Acciaio
Steel

Ghisa
Cast iron

Inox
Stainless
Steel



MG
Co10

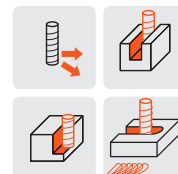
6527 L

λ 38°
 λ 40°



6535 HA
6535 HB

Balinit®
Alcrona



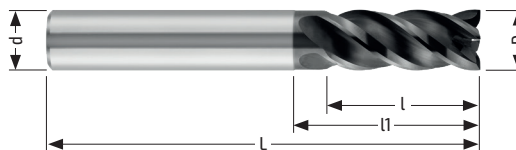
45°

D h10	d h6	L	l ap	l1	a	45° +0,05/+0	Z	895S	895SW
3,0	6	57	8	-	-	0,05	4	895S D.3	895SW D.3
4,0	6	57	11	16	0,10	0,05	4	895S D.4	895SW D.4
5,0	6	57	13	18	0,10	0,05	4	895S D.5	895SW D.5
6,0	6	57	13	20	0,15	0,05	4	895S D.6	895SW D.6
8,0	8	63	19	25	0,15	0,05	4	895S D.8	895SW D.8
10,0	10	72	22	30	0,15	0,05	4	895S D.10	895SW D.10
12,0	12	83	26	36	0,20	0,05	4	895S D.12	895SW D.12
14,0	14	83	26	36	0,20	0,05	4	895S D.14	895SW D.14
16,0	16	92	32	42	0,20	0,05	4	895S D.16	895SW D.16
18,0	18	92	32	42	0,20	0,05	4	895S D.18	895SW D.18
20,0	20	104	38	52	0,20	0,05	4	895S D.20	895SW D.20

Disponibile KIT BOX Diam. 6-8-10-12 / Available KIT BOX Diam. 6-8-10-12

893S | 893SW

Fresa universale a 4 taglienti
adatta per la fresatura in rampa
4 flute multi-purpose end mill
suitable for ramp milling



Acciaio
Steel

Ghisa
Cast iron

Inox
Stainless
Steel



MG
Co10

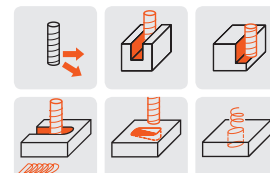
6527 L

λ 35°



6535 HA
6535 HB

Balinit®
Alcrona



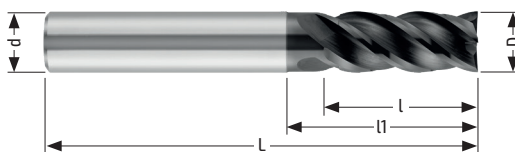
45°

D h10	d h6	L	l ap	l1	a	45° +0,05/+0	Z	893S	893SW
4,0	6	57	11	15	0,15	0,20	4	893S D.4	893SW D.4
5,0	6	57	13	18	0,15	0,20	4	893S D.5	893SW D.5
6,0	6	57	13	20	0,15	0,25	4	893S D.6	893SW D.6
8,0	8	63	19	25	0,15	0,30	4	893S D.8	893SW D.8
10,0	10	72	22	30	0,15	0,35	4	893S D.10	893SW D.10
12,0	12	83	26	36	0,20	0,40	4	893S D.12	893SW D.12
16,0	16	92	32	42	0,20	0,45	4	893S D.16	893SW D.16
20,0	20	104	38	52	0,20	0,50	4	893S D.20	893SW D.20

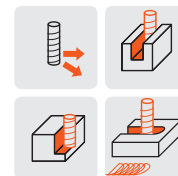
Disponibile KIT BOX Diam. 6-8-10-12 / Available KIT BOX Diam. 6-8-10-12

NEW
892S | 892SW

Fresa 4 taglienti
serie normale
4 flute end mill
regular version



Acciaio Steel
Ghisa Cast iron
Inox Stainless Steel
MG Co10
6527 L 6528
λ 38°
6535 HA
6535 HB
Balinit® Alcrona



45°	D	d	L	l	l1	a	45°	Z	892S	892SW
	h10	h6		ap			+0,05/+0			
	3,0	3	38	8	-	-	-	4	892S D.3	-
NEW	3,0	6	57	8	11	0,10	0,05	4	892S D.3 G6	892SW D.3 G6
	4,0	4	50	11	16	0,10	0,10	4	892S D.4	-
NEW	4,0	6	57	11	16	0,10	0,10	4	892S D.4 G6	892SW D.4 G6
	5,0	5	50	13	18	0,10	0,10	4	892S D.5	-
NEW	5,0	6	57	13	18	0,10	0,10	4	892S D.5 G6	892SW D.5 G6
	6,0	6	57	13	20	0,15	0,10	4	892S D.6	892SW D.6
	8,0	8	63	19	25	0,15	0,15	4	892S D.8	892SW D.8
	10,0	10	72	22	30	0,15	0,15	4	892S D.10	892SW D.10
	12,0	12	83	26	36	0,20	0,15	4	892S D.12	892SW D.12
	14,0	14	83	26	36	0,20	0,15	4	892S D.14	892SW D.14
	16,0	16	92	32	42	0,20	0,20	4	892S D.16	892SW D.16
	18,0	18	92	32	42	0,20	0,20	4	892S D.18	892SW D.18
	20,0	20	104	38	52	0,20	0,20	4	892S D.20	892SW D.20

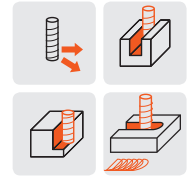
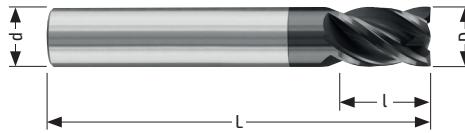
90°	D	d	L	l	l1	a		Z	892SX	892SXW
	h10	h6		ap						
	3,0	3	38	8	-	-	-	4	892SX D.3	-
	3,0	6	57	8	11	0,10	-	4	892SX D.3 G6	892SXW D.3 G6
NEW	4,0	4	50	11	16	0,10	-	4	892SX D.4	-
	4,0	6	57	11	16	0,10	-	4	892SX D.4 G6	892SXW D.4 G6
	5,0	5	50	13	18	0,10	-	4	892SX D.5	-
	5,0	6	57	13	18	0,10	-	4	892SX D.5 G6	892SXW D.5 G6
	6,0	6	57	13	20	0,15	-	4	892SX D.6	892SXW D.6
	8,0	8	63	19	25	0,15	-	4	892SX D.8	892SXW D.8
	10,0	10	72	22	30	0,15	-	4	892SX D.10	892SXW D.10
	12,0	12	83	26	36	0,20	-	4	892SX D.12	892SXW D.12
	14,0	14	83	26	36	0,20	-	4	892SX D.14	892SXW D.14
	16,0	16	92	32	42	0,20	-	4	892SX D.16	892SXW D.16
	18,0	18	92	32	42	0,20	-	4	892SX D.18	892SXW D.18
	20,0	20	104	38	52	0,20	-	4	892SX D.20	892SXW D.20

Disponibile KIT BOX Diam. 6-8-10-12 / Available KIT BOX Diam. 6-8-10-12

NEW

892SK | 892SKW

Fresa 4 taglienti serie corta
4 flute end mill short version



Acciaio Steel
Ghisa Cast iron
Inox Stainless Steel
MG Co10
6527
λ 38°
Balinit® Alcrona

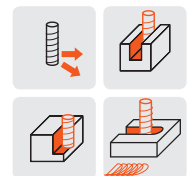
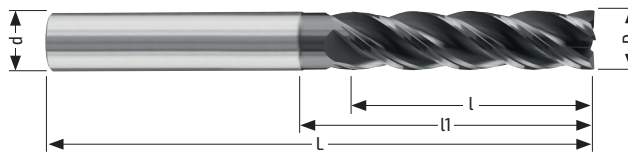
45°	D	d	L	l	45°	Z	892SK	892SKW
	h10	h6		ap	+0,05/+0			
	3,0	6	54	6	0,05	4	892SK D.3	892SKW D.3
	4,0	6	54	8	0,10	4	892SK D.4	892SKW D.4
	5,0	6	54	9	0,10	4	892SK D.5	892SKW D.5
	6,0	6	54	10	0,10	4	892SK D.6	892SKW D.6
	8,0	8	57	12	0,15	4	892SK D.8	892SKW D.8
	10,0	10	66	14	0,15	4	892SK D.10	892SKW D.10
	12,0	12	73	16	0,15	4	892SK D.12	892SKW D.12
	14,0	14	75	18	0,15	4	892SK D.14	892SKW D.14
	16,0	16	82	22	0,20	4	892SK D.16	892SKW D.16
	18,0	18	84	24	0,20	4	892SK D.18	892SKW D.18
	20,0	20	92	26	0,20	4	892SK D.20	892SKW D.20

90°	D	d	L	l		Z	892SKX	892SKXW
	h10	h6		ap				
	3,0	6	54	6	-	4	892SKX D.3	892SKXW D.3
	4,0	6	54	8	-	4	892SKX D.4	892SKXW D.4
	5,0	6	54	9	-	4	892SKX D.5	892SKXW D.5
	6,0	6	54	10	-	4	892SKX D.6	892SKXW D.6
	8,0	8	57	12	-	4	892SKX D.8	892SKXW D.8
	10,0	10	66	14	-	4	892SKX D.10	892SKXW D.10
	12,0	12	73	16	-	4	892SKX D.12	892SKXW D.12
	14,0	14	75	18	-	4	892SKX D.14	892SKXW D.14
	16,0	16	82	22	-	4	892SKX D.16	892SKXW D.16
	18,0	18	84	24	-	4	892SKX D.18	892SKXW D.18
	20,0	20	92	26	-	4	892SKX D.20	892SKXW D.20

NEW

892SL | 892SLW

Fresa 4 taglienti serie lunga
4 flute end mill long version

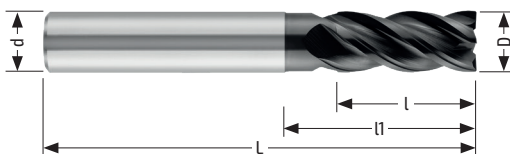


Acciaio Steel
Ghisa Cast iron
Inox Stainless Steel
MG Co10
Silmax NORM
λ 38°
6535 HA
6535 HB
Balinit® Alcrona

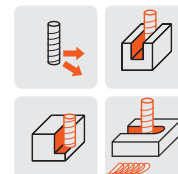
45°	D	d	L	l	l1	a	45°	Z	892SL	892SLW
	h10	h6		ap			+0,05/+0			
	5,0	6	74	20	25	0,10	0,10	4	892SL D.5	892SLW D.5
	6,0	6	74	24	30	0,15	0,10	4	892SL D.6	892SLW D.6
	8,0	8	80	32	40	0,15	0,15	4	892SL D.8	892SLW D.8
	10,0	10	87	40	46	0,15	0,15	4	892SL D.10	892SLW D.10
	12,0	12	105	48	58	0,20	0,15	4	892SL D.12	892SLW D.12
	14,0	14	105	48	58	0,20	0,15	4	892SL D.14	892SLW D.14
	16,0	16	125	64	68	0,20	0,20	4	892SL D.16	892SLW D.16
	20,0	20	160	70	80	0,20	0,20	4	892SL D.20	892SLW D.20

NEW
894S | 894SW

Fresa 4 taglienti serie normale
per inox e acciai dolci
4 flute end mill regular version
for inox and mild steel



Inox Stainless Steel | Acciaio Steel | Titanio Titanium | MG Co10 | 6527 L | λ 38° | 6535 HA | 6535 HB | Balinit® Alcrona

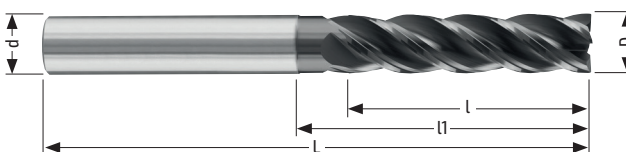


45°	D	d	L	l	l1	a	45°	Z	894S	894SW
	h10	h6		ap			+0,05/+0			
	3,0	6	57	8	11	0,10	0,10	4	894S D.3	894SW D.3
	4,0	6	57	11	16	0,10	0,10	4	894S D.4	894SW D.4
	5,0	6	57	13	18	0,10	0,10	4	894S D.5	894SW D.5
	6,0	6	57	13	20	0,15	0,10	4	894S D.6	894SW D.6
	8,0	8	63	19	25	0,15	0,15	4	894S D.8	894SW D.8
	10,0	10	72	22	30	0,15	0,15	4	894S D.10	894SW D.10
	12,0	12	83	26	36	0,20	0,15	4	894S D.12	894SW D.12
	14,0	14	83	26	36	0,20	0,15	4	894S D.14	894SW D.14
	16,0	16	92	32	42	0,20	0,20	4	894S D.16	894SW D.16
	18,0	18	92	32	42	0,20	0,20	4	894S D.18	894SW D.18
	20,0	20	104	38	52	0,20	0,20	4	894S D.20	894SW D.20

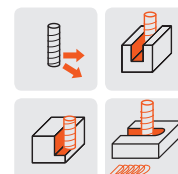
Disponibile KIT BOX Diam. 6-8-10-12 / Available KIT BOX Diam. 6-8-10-12

NEW
894SL | 894SLW

Fresa 4 taglienti serie lunga
per inox e acciai dolci
4 flute end mill long version
for stainless steel and mild steel



Inox Stainless Steel | Acciaio Steel | Titanio Titanium | MG Co10 | Silmax NORM | λ 38° | 6535 HA | 6535 HB | Balinit® Alcrona

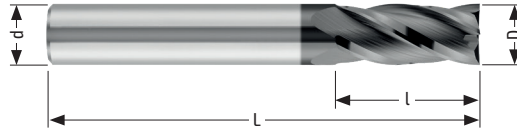


45°	D	d	L	l	l1	a	45°	Z	894SL	894SLW
	h10	h6					+0,05/+0			
	5,0	6	74	20	25	0,10	0,10	4	894SL D.5	894SLW D.5
	6,0	6	74	24	30	0,15	0,10	4	894SL D.6	894SLW D.6
	8,0	8	80	32	40	0,15	0,15	4	894SL D.8	894SLW D.8
	10,0	10	87	40	46	0,15	0,15	4	894SL D.10	894SLW D.10
	12,0	12	105	48	58	0,20	0,15	4	894SL D.12	894SLW D.12
	14,0	14	105	48	58	0,20	0,15	4	894SL D.14	894SLW D.14
	16,0	16	125	64	68	0,20	0,20	4	894SL D.16	894SLW D.16
	20,0	20	160	70	80	0,20	0,20	4	894SL D.20	894SLW D.20

Solo su richiesta / Upon request only

856S | 856SW

Fresa 4 taglienti serie normale
4 flute end mill regular version



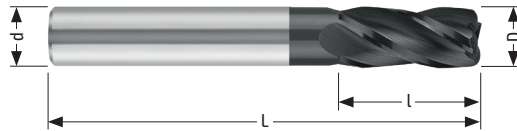
Acciaio Steel
Ghisa Cast iron
Inox Stainless Steel
MG Co10
6527 L 6528
λ 30°
6535 HA
6535 HB
Balinit® Alcrona

90°	D	d	L	l	Z	856S	856SW
	h10	h6		ap			
	2,0	4	50	7	4	856S D.2	-
	2,5	4	50	8	4	856S D.2,5	-
	3,0	4	50	8	4	856S D.3	-
	3,5	4	50	10	4	856S D.3,5	-
	4,0	4	50	11	4	856S D.4	-
	4,5	5	50	11	4	856S D.4,5	-
	5,0	5	50	13	4	856S D.5	-
	5,5	6	57	13	4	856S D.5,5	856SW D.5,5
	6,0	6	57	13	4	856S D.6	856SW D.6
	6,5	7	60	16	4	856S D.6,5	-
	7,0	7	60	16	4	856S D.7	-
	7,5	8	63	19	4	856S D.7,5	856SW D.7,5
	8,0	8	63	19	4	856S D.8	856SW D.8
	8,5	9	67	19	4	856S D.8,5	-
	9,0	9	67	19	4	856S D.9	-
	9,5	10	72	22	4	856S D.9,5	856SW D.9,5
	10,0	10	72	22	4	856S D.10	856SW D.10
	11,0	11	83	26	4	856S D.11	-
	12,0	12	83	26	4	856S D.12	856SW D.12
	13,0	13	83	26	4	856S D.13	-
	14,0	14	83	26	4	856S D.14	856SW D.14
	15,0	15	92	32	4	856S D.15	-
	16,0	16	92	32	4	856S D.16	856SW D.16
	18,0	18	92	32	4	856S D.18	856SW D.18
	20,0	20	104	38	4	856S D.20	856SW D.20

Disponibile KIT BOX Diam. 6-8-10-12 / Available KIT BOX Diam. 6-8-10-12

856CR | 856CRW

Fresa 4 taglienti serie normale
4 flute end mill regular version

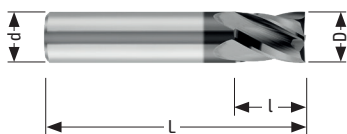


Acciaio Steel
Ghisa Cast iron
Inox Stainless Steel
MG Co10
6527 L 6528
λ 30°
6535 HA
6535 HB
Balinit® Alcrona

Cr	D	d	L	l	Cr	Z	856CR	856CRW
	h10	h6		ap				
	2,0	4	50	7	0,50	4	856S D.2 CR05	-
	3,0	4	50	8	0,50	4	856S D.3 CR05	-
	4,0	4	50	11	0,50	4	856S D.4 CR05	-
	5,0	5	50	13	1,00	4	856S D.5 CR10	-
	6,0	6	57	13	0,50	4	856S D.6 CR05	856SW D.6 CR05
	6,0	6	57	13	1,00	4	856S D.6 CR10	856SW D.6 CR10
	8,0	8	63	19	0,50	4	856S D.8 CR05	856SW D.8 CR05
	8,0	8	63	19	1,00	4	856S D.8 CR10	856SW D.8 CR10
	10,0	10	72	22	0,50	4	856S D.10 CR05	856SW D.10 CR05
	10,0	10	72	22	1,00	4	856S D.10 CR10	856SW D.10 CR10
	10,0	10	72	22	2,00	4	856S D.10 CR20	856SW D.10 CR20
	12,0	12	83	26	0,50	4	856S D.12 CR05	856SW D.12 CR05
	12,0	12	83	26	1,00	4	856S D.12 CR10	856SW D.12 CR10
	12,0	12	83	26	2,00	4	856S D.12 CR20	856SW D.12 CR20

829S

Fresa 4 taglienti serie extra corta
4 flute end mill extra short version



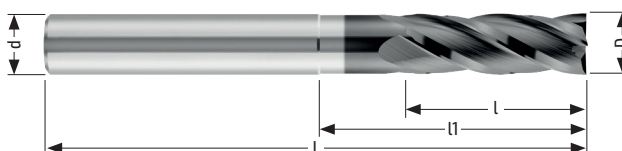
Acciaio Steel
Ghisa Cast iron
Inox Stainless Steel
MG Co10
Silmax NORM
 $\lambda 30^\circ$
6535 HA
Balinit® Alcrona



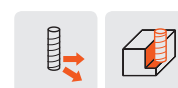
90°	D h10	d h6	L	l ap	Z	829S	
	2,0	6	38	4	4	829S D.2	
	3,0	6	38	5	4	829S D.3	
	4,0	6	38	7	4	829S D.4	
	5,0	6	38	8	4	829S D.5	
	6,0	6	38	8	4	829S D.6	
	8,0	8	43	11	4	829S D.8	
	10,0	10	50	13	4	829S D.10	

859S | 859SW

Fresa 4 taglienti serie lunga
4 flute end mill long version



Acciaio Steel
Ghisa Cast iron
Inox Stainless Steel
MG Co10
Silmax NORM
 $\lambda 30^\circ$
6535 HA
6535 HB
Balinit® Alcrona



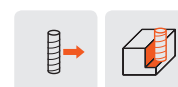
90°	D h10	d h6	L	l ap	l1	a	Z	859S		859SW	
	3,0	3	62	14	-	-	4	859S D.3		-	
	4,0	4	62	16	-	-	4	859S D.4		-	
	5,0	5	62	20	-	-	4	859S D.5		-	
	6,0	6	78	20	30	0,15	4	859S D.6		859SW D.6	
	8,0	8	78	25	35	0,15	4	859S D.8		859SW D.8	
	10,0	10	105	28	48	0,15	4	859S D.10		859SW D.10	
	12,0	12	105	32	52	0,20	4	859S D.12		859SW D.12	
	16,0	16	130	40	60	0,20	4	859S D.16		859SW D.16	

861S | 861SW

Fresa 6 taglienti serie normale
6 flute end mill regular version



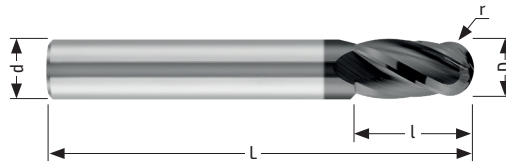
Acciaio Steel
Ghisa Cast iron
Inox Stainless Steel
MG Co10
6527 L
 $\lambda 30^\circ$
6535 HA
6535 HB
Balinit® Alcrona



90°	D h10	d h6	L	l ap	Z	861S		861SW	
	6,0	6	57	13	6	861S D.6		861SW D.6	
	8,0	8	63	19	6	861S D.8		861SW D.8	
	10,0	10	72	22	6	861S D.10		861SW D.10	
	12,0	12	83	26	6	861S D.12		861SW D.12	
	14,0	14	83	26	6	861S D.14		861SW D.14	
	16,0	16	92	32	6	861S D.16		861SW D.16	
	20,0	20	104	38	8	861S D.20		861SW D.20	

866S | 866SW

Fresa 4 taglienti semisferica serie normale
4 flute ball nose end mill regular version

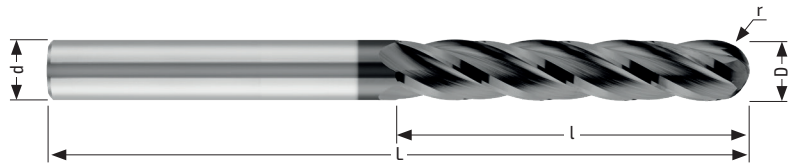


Acciaio Steel
Ghisa Cast iron
Inox Stainless Steel
MG Co10
Silmax NORM
λ 30°
6535 HA
6535 HB
Balinit® Alcrona

D h10	d h6	L	l ap	r	Z	866S	866SW
2,0	3	38	5	1,00	4	866S D.2	-
3,0	3	38	7	1,50	4	866S D.3	-
4,0	4	50	8	2,00	4	866S D.4	-
5,0	5	50	10	2,50	4	866S D.5	-
6,0	6	57	10	3,00	4	866S D.6	866SW D.6
7,0	7	60	13	3,50	4	866S D.7	-
8,0	8	63	16	4,00	4	866S D.8	866SW D.8
9,0	9	67	16	4,50	4	866S D.9	-
10,0	10	72	19	5,00	4	866S D.10	866SW D.10
12,0	12	83	22	6,00	4	866S D.12	866SW D.12
13,0	13	83	22	6,50	4	866S D.13	-
14,0	14	83	22	7,00	4	866S D.14	866SW D.14
16,0	16	92	26	8,00	4	866S D.16	866SW D.16
18,0	18	92	26	9,00	4	866S D.18	866SW D.18
20,0	20	104	32	10,00	4	866S D.20	866SW D.20

883S | 883SW

Fresa 4 taglienti semisferica serie lunga
4 flute ball nose end mill long version

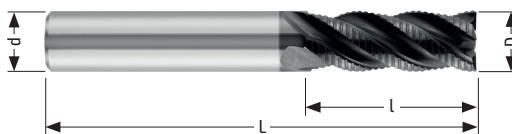


Acciaio Steel
Ghisa Cast iron
Inox Stainless Steel
MG Co10
Silmax NORM
λ 30°
6535 HA
6535 HB
Balinit® Alcrona

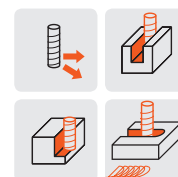
D h10	d h6	L	l ap	r	Z	883S	883SW
6,0	6	105	42	3,00	4	883S D.6	883SW D.6
8,0	8	105	50	4,00	4	883S D.8	883SW D.8
10,0	10	120	50	5,00	4	883S D.10	883SW D.10
12,0	12	160	65	6,00	4	883S D.12	883SW D.12
16,0	16	160	70	8,00	4	883S D.16	883SW D.16

897S | 897SW

Fresa a sgrossare 4 taglienti
con divisione irregolare serie normale
4 flute roughing end mill with
unequal flute spacing regular version



Acciaio Steel
Ghisa Cast iron
Inox Stainless Steel
MG Co10
6527 L
λ 30°
6535 HA
6535 HB
Balinit® Alcrona

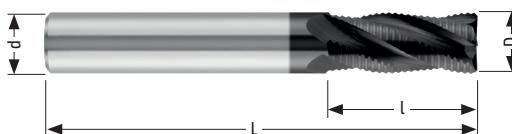


45°	D	d	L	l	45°	Z	897S	897SW
	h10	h6		ap	+/-0,3			
	4,0	6	57	13	0,40	4	897S D.4	897SW D.4
	5,0	6	57	13	0,50	4	897S D.5	897SW D.5
	6,0	6	57	13	0,50	4	897S D.6	897SW D.6
	8,0	8	63	19	0,50	4	897S D.8	897SW D.8
	10,0	10	72	22	0,50	4	897S D.10	897SW D.10
	12,0	12	83	26	0,50	4	897S D.12	897SW D.12
	16,0	16	92	32	0,60	4	897S D.16	897SW D.16

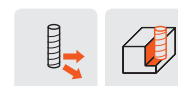
Disponibile KIT BOX Diam. 6-8-10-12 / Available KIT BOX Diam. 6-8-10-12

871S | 871SW

Fresa a sgrossare 4 taglienti
serie normale con rompitruciolo
4 flute roughing end mill
with chip breaker regular version



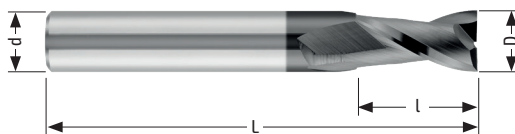
Acciaio Steel
Ghisa Cast iron
Inox Stainless Steel
MG Co10
6527 L
λ 30°
6535 HA
6535 HB
Balinit® Alcrona



45°	D	d	L	l	45°	Z	871S	871SW
	h10	h6		ap	+/-0,3			
	4,0	6	57	13	0,40	4	871S D.4	871SW D.4
	5,0	6	57	13	0,50	4	871S D.5	871SW D.5
	6,0	6	57	13	0,50	4	871S D.6	871SW D.6
	8,0	8	63	19	0,50	4	871S D.8	871SW D.8
	10,0	10	72	22	0,50	4	871S D.10	871SW D.10
	12,0	12	83	26	0,50	4	871S D.12	871SW D.12
	16,0	16	92	32	0,60	4	871S D.16	871SW D.16
	20,0	20	104	38	0,60	4	871S D.20	871SW D.20

806S | 806SW

Fresa 2 taglienti serie normale
2 flute end mill regular version

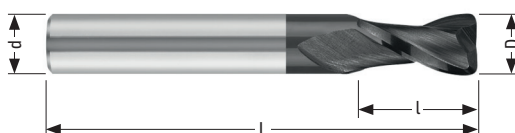


Acciaio Steel
Ghisa Cast iron
Inox Stainless Steel
MG Co10
6527 L 6528
λ 30°
6535 HA
6535 HB
Balinit® Alcrona

90°	D	d	L	l	Z	806S	806SW
	h10	h6		ap			
	2,0	4	50	5	2	806S D.2	-
	2,5	4	50	7	2	806S D.2,5	-
	3,0	4	50	7	2	806S D.3	-
	3,5	4	50	7	2	806S D.3,5	-
	4,0	4	50	8	2	806S D.4	-
	4,5	5	50	8	2	806S D.4,5	-
	5,0	5	50	10	2	806S D.5	-
	5,5	6	57	10	2	806S D.5,5	806SW D.5,5
	6,0	6	57	10	2	806S D.6	806SW D.6
	7,0	7	60	13	2	806S D.7	-
	8,0	8	63	16	2	806S D.8	806SW D.8
	9,0	9	67	16	2	806S D.9	-
	10,0	10	72	19	2	806S D.10	806SW D.10
	11,0	11	83	22	2	806S D.11	-
	12,0	12	83	22	2	806S D.12	806SW D.12
	13,0	13	83	22	2	806S D.13	-
	14,0	14	83	22	2	806S D.14	806SW D.14
	15,0	15	92	26	2	806S D.15	-
	16,0	16	92	26	2	806S D.16	806SW D.16
	17,0	17	92	26	2	806S D.17	-
	18,0	18	92	26	2	806S D.18	806SW D.18
	19,0	19	92	26	2	806S D.19	-
	20,0	20	104	32	2	806S D.20	806SW D.20

806CR | 806CRW

Fresa 2 taglienti serie normale
2 flute end mill regular version



Acciaio Steel
Ghisa Cast iron
Inox Stainless Steel
MG Co10
6527 L 6528
λ 30°
6535 HA
6535 HB
Balinit® Alcrona

Cr	D	d	L	l	Cr	Z	806CR	806CRW
	h10	h6		ap				
	2,0	4	50	5	0,50	2	806S D.2 CR05	-
	3,0	4	50	7	0,50	2	806S D.3 CR05	-
	4,0	4	50	8	0,50	2	806S D.4 CR05	-
	5,0	5	50	10	1,00	2	806S D.5 CR10	-
	6,0	6	57	10	0,50	2	806S D.6 CR05	806SW D.6 CR05
	6,0	6	57	10	1,00	2	806S D.6 CR10	806SW D.6 CR10
	8,0	8	63	16	0,50	2	806S D.8 CR05	806SW D.8 CR05
	8,0	8	63	16	1,00	2	806S D.8 CR10	806SW D.8 CR10
	10,0	10	72	19	0,50	2	806S D.10 CR05	806SW D.10 CR05
	10,0	10	72	19	1,00	2	806S D.10 CR10	806SW D.10 CR10
	10,0	10	72	19	2,00	2	806S D.10 CR20	806SW D.10 CR20
	12,0	12	83	22	0,50	2	806S D.12 CR05	806SW D.12 CR05
	12,0	12	83	22	1,00	2	806S D.12 CR10	806SW D.12 CR10
	12,0	12	83	22	2,00	2	806S D.12 CR20	806SW D.12 CR20

821S

Fresa 2 taglienti serie extra corta
2 flute end mill, extra short version



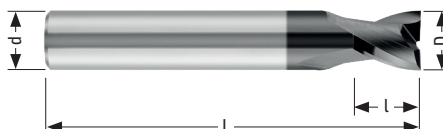
Acciaio Steel
Ghisa Cast iron
Inox Stainless Steel
MG Co10
Silmax NORM
 λ 30°
6535 HA
Balinit® Alcrona



90°	D h10	d h6	L	l ap	Z	821S	
	2,0	6	38	3	2	821S D.2	
	3,0	6	38	4	2	821S D.3	
	4,0	6	38	5	2	821S D.4	
	5,0	6	38	6	2	821S D.5	
	6,0	6	38	7	2	821S D.6	
	7,0	8	43	9	2	821S D.7	
	8,0	8	43	9	2	821S D.8	
	9,0	10	50	11	2	821S D.9	
	10,0	10	50	11	2	821S D.10	

801S | 801SW

Fresa 2 taglienti serie corta per sedi di chiave
2 flute key slot end mill, short version



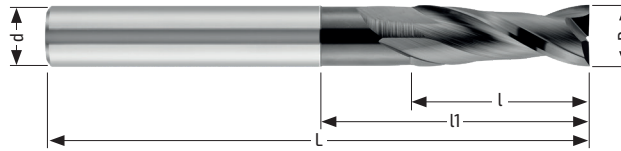
Acciaio Steel
Ghisa Cast iron
Inox Stainless Steel
MG Co10
6527 K 6528
 λ 30°
6535 HA
6535 HB
Balinit® Alcrona



90°	D e8	d h6	L	l ap	Z	801S		801SW	
	2,0	6	50	3	2	801S D.2		801SW D.2	
	3,0	6	50	4	2	801S D.3		801SW D.3	
	4,0	6	54	5	2	801S D.4		801SW D.4	
	5,0	6	54	6	2	801S D.5		801SW D.5	
	6,0	6	54	7	2	801S D.6		801SW D.6	
	7,0	8	58	9	2	801S D.7		801SW D.7	
	8,0	8	58	9	2	801S D.8		801SW D.8	
	9,0	10	66	11	2	801S D.9		801SW D.9	
	10,0	10	66	11	2	801S D.10		801SW D.10	
	11,0	12	73	12	2	801S D.11		801SW D.11	
	12,0	12	73	12	2	801S D.12		801SW D.12	
	13,0	14	75	14	2	801S D.13		801SW D.13	
	14,0	14	75	14	2	801S D.14		801SW D.14	
	16,0	16	82	16	2	801S D.16		801SW D.16	
	20,0	20	92	20	2	801S D.20		801SW D.20	

879S | 879SW

Fresa 2 taglienti serie media
2 flute end mill medium version

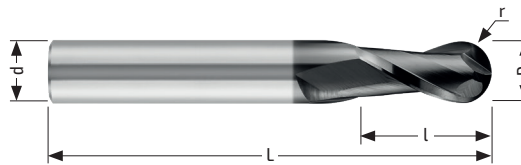


Acciaio Steel
Ghisa Cast iron
Inox Stainless Steel
MG Co10
Silmax NORM
 $\lambda 30^\circ$
6535 HA
6535 HB
Balinit® Alcrona

90°	D	d	L	l	l1	a	Z	879S	879SW
	h10	h6		ap					
	4,0	4	62	16	-	-	2	879S D.4	-
	5,0	5	62	20	-	-	2	879S D.5	-
	6,0	6	78	20	30	0,15	2	879S D.6	879SW D.6
	8,0	8	78	25	35	0,15	2	879S D.8	879SW D.8
	10,0	10	105	28	48	0,15	2	879S D.10	879SW D.10
	12,0	12	105	32	52	0,20	2	879S D.12	879SW D.12
	16,0	16	130	40	60	0,20	2	879S D.16	879SW D.16

816S | 816SW

Fresa 2 taglienti semisferica serie normale
2 flute ball nose end mill, regular version

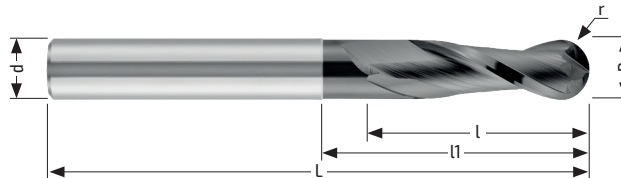


Acciaio Steel
Ghisa Cast iron
Inox Stainless Steel
MG Co10
6527 L
6528
 $\lambda 30^\circ$
6535 HA
6535 HB
Balinit® Alcrona

	D	d	L	l	r	Z	816S	816SW
	h10	h6		ap				
	2,0	4	50	5	1,00	2	816S D.2	-
	3,0	4	50	7	1,50	2	816S D.3	-
	4,0	4	50	8	2,00	2	816S D.4	-
	5,0	5	50	10	2,50	2	816S D.5	-
	6,0	6	57	10	3,00	2	816S D.6	816SW D.6
	8,0	8	63	16	4,00	2	816S D.8	816SW D.8
	10,0	10	72	19	5,00	2	816S D.10	816SW D.10
	12,0	12	83	22	6,00	2	816S D.12	816SW D.12
NEW	14,0	14	83	22	7,00	2	816S D.14	816SW D.14
NEW	16,0	16	92	26	8,00	2	816S D.16	816SW D.16
NEW	20,0	20	104	32	10,00	2	816S D.20	816SW D.20

881S | 881SW

Fresa 2 taglienti serie media semisferica
2 flute ball nose end mill medium version



Acciaio Steel
Ghisa Cast iron
Inox Stainless Steel
MG Co10
Silmax NORM
 $\lambda 30^\circ$
a T
6535 HA
6535 HB
Balinit® Alcrona

	D	d	L	l	l1	a	r	Z	881S	881SW
	h10	h6		ap						
	4,0	4	62	16	-	-	2,0	2	881S D.4	-
	5,0	5	62	20	-	-	2,5	2	881S D.5	-
	6,0	6	78	20	30	0,15	3,0	2	881S D.6	881SW D.6
	8,0	8	78	25	35	0,15	4,0	2	881S D.8	881SW D.8
	10,0	10	105	28	48	0,15	5,0	2	881S D.10	881SW D.10
	12,0	12	105	32	52	0,20	6,0	2	881S D.12	881SW D.12
	16,0	16	130	40	60	0,20	8,0	2	881S D.16	881SW D.16

836S | 836SW

Fresa 3 taglienti serie normale
3 flute end mill regular version

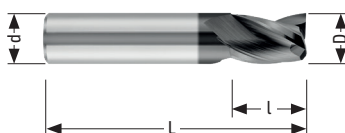


Acciaio Steel
Ghisa Cast iron
Inox Stainless Steel
MG Co10
6527 L 6528
 λ 30°
6535 HA
6535 HB
Balinit® Alcrona

90°	D h10	d h6	L	l ap	Z	836S	836SW
		2,0	4	50	5	3	836S D.2
	3,0	4	50	7	3	836S D.3	-
	4,0	4	50	8	3	836S D.4	-
	5,0	5	50	10	3	836S D.5	-
	6,0	6	57	10	3	836S D.6	836SW D.6
	8,0	8	63	16	3	836S D.8	836SW D.8
	10,0	10	72	19	3	836S D.10	836SW D.10
	12,0	12	83	22	3	836S D.12	836SW D.12
	16,0	16	92	26	3	836S D.16	836SW D.16
	20,0	20	104	32	3	836S D.20	836SW D.20

826S

Fresa 3 taglienti serie extra corta
3 flute end mill extra short version

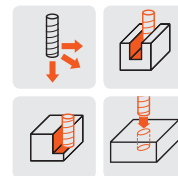
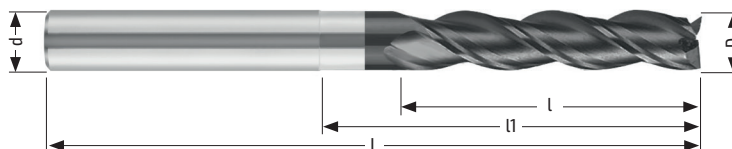


Acciaio Steel
Ghisa Cast iron
Inox Stainless Steel
MG Co10
Silmax NORM
 λ 30°
6535 HA
Balinit® Alcrona

90°	D h10	d h6	L	l ap	Z	826S
		2,0	6	38	4	3
	2,5	6	38	4	3	826S D.2,5
	3,0	6	38	5	3	826S D.3
	3,5	6	38	6	3	826S D.3,5
	4,0	6	38	7	3	826S D.4
	4,5	6	38	8	3	826S D.4,5
	5,0	6	38	8	3	826S D.5
	6,0	6	38	8	3	826S D.6
	7,0	8	43	11	3	826S D.7
	8,0	8	43	11	3	826S D.8
	9,0	10	50	13	3	826S D.9
	10,0	10	50	13	3	826S D.10

876S | 876SW

Fresa 3 taglienti serie lunga
3 flute end mill long version

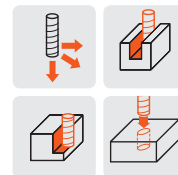
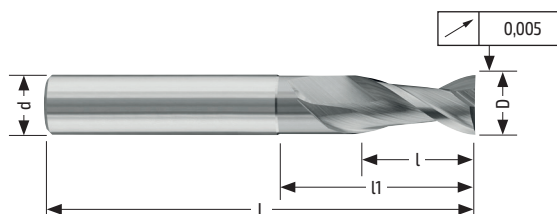


Acciaio Steel
Ghisa Cast iron
Inox Stainless Steel
MG Co10
Silmax NORM
 λ 30°
6535 HA
6535 HB
Balinit® Alcrona

90°	D	d	L	l	l1	a	Z	876S	876SW
	h10	h6		ap					
	4,0	4	62	16	-	-	3	876S D.4	-
	5,0	5	62	20	-	-	3	876S D.5	-
	6,0	6	78	20	30	0,15	3	876S D.6	876SW D. 6
	8,0	8	78	25	35	0,15	3	876S D.8	876SW D. 8
	10,0	10	105	28	48	0,15	3	876S D.10	876SW D. 10
	12,0	12	105	32	52	0,20	3	876S D.12	876SW D. 12
	16,0	16	130	40	60	0,20	3	876S D.16	876SW D. 16

810 | 810W

Fresa 2 taglienti serie normale per alluminio
2 flute end mill for aluminium, regular version

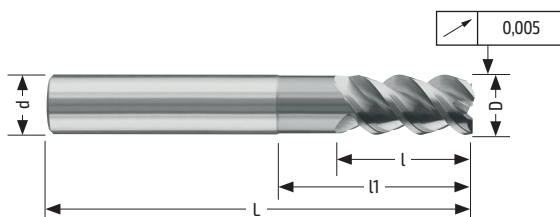


Alluminio Aluminium
Rame Copper
Plastiche Plastics
MG Co10
6527 L
6528
6535 HA
6535 HB

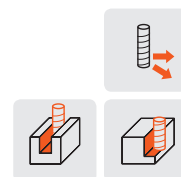
90°	D	d	L	l	l1	a	Z	810	810W
	h10	h6		ap					
	2,0	3	50	6	-	-	2	810 D.2	-
	3,0	3	50	7	18	0,10	2	810 D.3	-
	4,0	4	50	8	19	0,10	2	810 D.4	-
	5,0	5	50	10	21	0,10	2	810 D.5	-
	6,0	6	57	10	21	0,15	2	810 D.6	810W D.6
	8,0	8	63	16	27	0,15	2	810 D.8	810W D.8
	10,0	10	72	19	30	0,15	2	810 D.10	810W D.10
	12,0	12	83	22	38	0,20	2	810 D.12	810W D.12
	14,0	14	83	22	38	0,20	2	810 D.14	810W D.14
	16,0	16	92	26	42	0,20	2	810 D.16	810W D.16
	20,0	20	104	32	54	0,20	2	810 D.20	810W D.20

812 | 812W

Fresa 3 taglienti serie normale per alluminio
3 flute end mill for aluminium, regular version



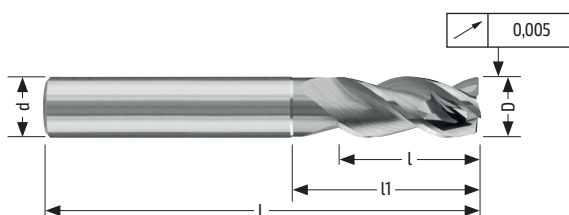
Alluminio Aluminium
Rame Copper
Plastiche Plastics
MG Co10
6527 L 6528
 λ 55°



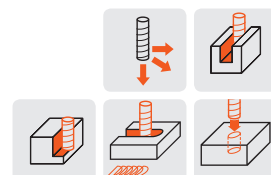
90°	D	d	L	l	l1	a	Z	812	812W
	h10	h6		ap					
	4,0	4	50	8	19	0,10	3	812 D.4	-
	5,0	5	50	10	21	0,10	3	812 D.5	-
	6,0	6	57	10	21	0,15	3	812 D.6	812W D.6
	7,0	7	60	13	24	0,15	3	812 D.7	-
	8,0	8	63	16	27	0,15	3	812 D.8	812W D.8
	9,0	9	67	16	27	0,15	3	812 D.9	-
	10,0	10	72	19	30	0,15	3	812 D.10	812W D.10
	12,0	12	83	22	38	0,20	3	812 D.12	812W D.12
	14,0	14	83	22	38	0,20	3	812 D.14	812W D.14
	16,0	16	92	26	42	0,20	3	812 D.16	812W D.16
	20,0	20	104	32	54	0,20	4	812 D.20	812W D.20

NEW 813 | 813W

Fresa a 3 taglienti serie normale
per alluminio con divisione irregolare
3 flute end mill with unequal flute
spacing regular version



Alluminio Aluminium
Rame Copper
Plastiche Plastics
MG Co10
6527 L
 λ 42°

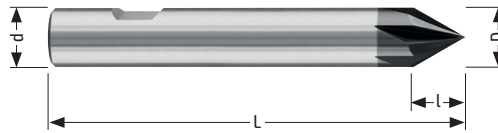


45°	D	d	L	l	l1	a	45°	Z	813	813W
	h10	h6		ap			+0,05/+0			
	3,0	6	57	8	-	-	0,05	3	813 D.3	813SW D.3
	4,0	6	57	11	-	-	0,05	3	813 D.4	813SW D.4
	5,0	6	57	13	-	-	0,10	3	813 D.5	813SW D.5
	6,0	6	57	13	20	0,15	0,10	3	813 D.6	813SW D.6
	8,0	8	63	19	25	0,15	0,15	3	813 D.8	813SW D.8
	10,0	10	72	22	30	0,15	0,20	3	813 D.10	813SW D.10
	12,0	12	83	26	36	0,20	0,25	3	813 D.12	813SW D.12
	16,0	16	92	32	42	0,20	0,30	3	813 D.16	813SW D.16
	20,0	20	104	38	52	0,20	0,35	3	813 D.20	813SW D.20

NEW

841W

Fresa per smussi 60°
End mill for chamfer 60°



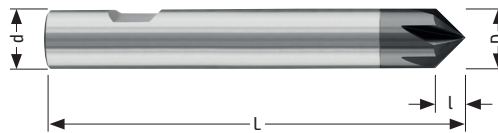
Acciaio Steel
Ghisa Cast iron
Inox Stainless Steel
< 0.6
=> 0.6
MG Co10
6527 L 6528
6535 HB
Balinit® Alcrona

60°	D e8	d h6	L	Z	841W	
	3,0	4	50	4	841W D. 3	6535 HA (no Weldon)
	4,0	4	50	4	841W D. 4	6535 HA (no Weldon)
	6,0	6	57	6	841W D. 6	
	8,0	8	63	6	841W D. 8	
	10,0	10	72	6	841W D. 10	
	12,0	12	83	6	841W D. 12	
	16,0	16	92	6	841W D. 16	A richiesta / Upon request
	20,0	20	104	6	841W D. 20	A richiesta / Upon request

NEW




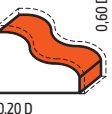

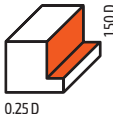

842W








Fresa per smussi 90°
End mill for chamfer 90°

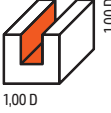

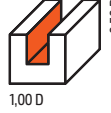
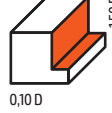
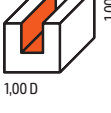
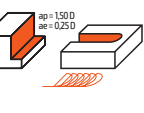


Acciaio Steel
Ghisa Cast iron
Inox Stainless Steel
< 0.6
=> 0.6
MG Co10
6527 L 6528
6535 HB
Balinit® Alcrona

90°	D e8	d h6	L	Z	842W	
	3,0	4	50	4	842W D. 3	6535 HA (no Weldon)
	4,0	4	50	4	842W D. 4	6535 HA (no Weldon)
	6,0	6	57	6	842W D. 6	
	8,0	8	63	6	842W D. 8	
	10,0	10	72	6	842W D. 10	
	12,0	12	83	6	842W D. 12	
	16,0	16	92	6	842W D. 16	A richiesta / Upon request
	20,0	20	104	6	842W D. 20	A richiesta / Upon request

Materiale Material	Diametro Diameter	856S			829S			861S			866S			897S			871S			806S										
																														
Acciaio <800 N/mm ² Steel <800 N/mm ²	m/min	Vc = 175			Vc = 150			Vc = 175			Vc = 360			Vc = 140			Vc = 160			Vc = 140			Vc = 120							
	D mm	fz mm/z	F mm/min	n rpm	fz mm/z	F mm/min	n rpm	fz mm/z	F mm/min	n rpm	fz mm/z	F mm/min	n rpm	fz mm/z	F mm/min	n rpm	fz mm/z	F mm/min	n rpm	fz mm/z	F mm/min	n rpm	fz mm/z	F mm/min	n rpm					
	2,0	0,002	223	27852	0,002	191	23885	-	-	-	0,035	8021	57296	-	-	-	-	-	-	-	-	-	-	-	-	0,002	76	19099		
	3,0	0,007	520	18568	0,004	255	15924	-	-	-	0,059	9015	38197	-	-	-	-	-	-	-	-	-	-	-	-	-	0,003	76	12732	
	4,0	0,012	668	13926	0,007	334	11943	-	-	-	0,117	13407	28648	0,025	1114	11141	0,025	1273	12732	0,018	802	11141	0,004	76	9549	0,004	76	9549		
	5,0	0,017	758	11141	0,012	459	9554	-	-	-	0,162	14851	22918	0,030	1070	8913	0,030	1222	10186	0,020	713	8913	0,007	107	7639	0,007	107	7639		
	6,0	0,022	817	9284	0,016	510	7962	0,022	1225	9284	0,198	15126	19099	0,040	1188	7427	0,040	1358	8488	0,028	832	7427	0,009	115	6366	0,009	115	6366		
	8,0	0,029	808	6963	0,020	478	5971	0,029	1212	6963	0,256	14668	14324	0,060	1337	5570	0,060	1528	6366	0,039	869	5570	0,016	153	4775	0,016	153	4775		
	10,0	0,035	780	5570	0,025	478	4777	0,035	1170	5570	0,300	13751	11459	0,070	1248	4456	0,070	1426	5093	0,048	856	4456	0,022	168	3820	0,022	168	3820		
	12,0	0,039	724	4642	-	-	-	0,039	1086	4642	0,337	12872	9549	0,080	1188	3714	0,080	1358	4244	0,055	817	3714	0,026	166	3183	0,026	166	3183		
	14,0	0,043	684	3979	-	-	-	0,043	1027	3979	0,367	12016	8185	-	-	-	-	-	-	0,061	777	3183	0,030	164	2728	0,030	164	2728		
16,0	0,047	655	3482	-	-	-	0,047	1309	3482	0,394	11287	7162	0,085	947	2785	0,085	1082	3183	0,067	746	2785	0,033	158	2387	0,033	158	2387			
20,0	0,052	579	2785	-	-	-	0,052	1159	2785	0,420	9626	5730	-	-	-	-	-	-	0,076	677	2228	0,039	149	1910	0,039	149	1910			
Acciaio <1000 N/mm ² - Ghisa Steel <1000 N/mm ² - Cast iron	m/min	Vc = 145			Vc = 125			Vc = 145			Vc = 295			Vc = 115			Vc = 125			Vc = 115			Vc = 140							
	D mm	fz mm/z	F mm/min	n rpm	fz mm/z	F mm/min	n rpm	fz mm/z	F mm/min	n rpm	fz mm/z	F mm/min	n rpm	fz mm/z	F mm/min	n rpm	fz mm/z	F mm/min	n rpm	fz mm/z	F mm/min	n rpm	fz mm/z	F mm/min	n rpm	fz mm/z	F mm/min	n rpm		
	2,0	0,002	185	23077	0,002	159	19904	-	-	-	0,035	6573	46951	-	-	-	-	-	-	-	-	-	-	-	-	-	0,002	64	15915	
	3,0	0,007	431	15385	0,004	212	13270	-	-	-	0,059	7387	31300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0,003	64	10610
	4,0	0,012	554	11539	0,007	279	9952	-	-	-	0,117	10986	23475	0,025	915	9151	0,025	995	9947	0,018	659	9151	0,004	64	7958	0,004	64	7958		
	5,0	0,017	628	9231	0,012	382	7962	-	-	-	0,162	12170	18780	0,030	879	7321	0,030	955	7958	0,02	586	7321	0,007	89	6366	0,007	89	6366		
	6,0	0,022	677	7692	0,016	425	6635	0,022	1015	7692	0,198	12395	15650	0,040	976	6101	0,040	1061	6631	0,028	683	6101	0,009	95	5305	0,009	95	5305		
	8,0	0,029	669	5769	0,02	398	4976	0,029	1004	5769	0,256	12019	11738	0,060	1098	4576	0,060	1194	4974	0,039	714	4576	0,016	127	3979	0,016	127	3979		
	10,0	0,035	646	4615	0,025	398	3981	0,035	969	4615	0,300	11268	9390	0,070	1025	3661	0,070	1114	3979	0,048	703	3661	0,022	140	3183	0,022	140	3183		
	12,0	0,039	600	3846	-	-	-	0,039	900	3846	0,337	10548	7825	0,080	976	3050	0,080	1061	3316	0,055	671	3050	0,026	138	2653	0,026	138	2653		
	14,0	0,043	567	3297	-	-	-	0,043	851	3297	0,367	9846	6707	-	-	-	-	-	-	0,061	638	2615	0,030	136	2274	0,030	136	2274		
16,0	0,047	542	2885	-	-	-	0,047	1085	2885	0,394	9249	5869	0,085	778	2288	0,085	846	2487	0,067	613	2288	0,033	131	1989	0,033	131	1989			
20,0	0,052	480	2308	-	-	-	0,052	960	2308	0,420	7888	4695	-	-	-	-	-	-	0,076	556	1830	0,039	124	1592	0,039	124	1592			
Acciaio <1300 N/mm ² Steel <1300 N/mm ²	m/min	Vc = 110			Vc = 90			Vc = 110			Vc = 225			Vc = 85			Vc = 95			Vc = 90			Vc = 75							
	D mm	fz mm/z	F mm/min	n rpm	fz mm/z	F mm/min	n rpm	fz mm/z	F mm/min	n rpm	fz mm/z	F mm/min	n rpm	fz mm/z	F mm/min	n rpm	fz mm/z	F mm/min	n rpm	fz mm/z	F mm/min	n rpm	fz mm/z	F mm/min	n rpm	fz mm/z	F mm/min	n rpm		
	2,0	0,002	140	17507	0,002	115	14331	-	-	-	0,035	5013	35810	-	-	-	-	-	-	-	-	-	-	-	-	-	0,002	48	11937	
	3,0	0,007	327	11671	0,004	153	9554	-	-	-	0,059	5634	23873	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0,003	48	7958
	4,0	0,012	420	8754	0,007	201	7166	-	-	-	0,117	8380	17905	0,025	676	6764	0,025	756	7560	0,018	516	7162	0,004	48	5968	0,004	48	5968		
	5,0	0,017	476	7003	0,012	275	5732	-	-	-	0,162	9282	14324	0,030	649	5411	0,03	726	6048	0,02	458	5730	0,007	67	4775	0,007	67	4775		
	6,0	0,022	514	5836	0,016	306	4777	0,022	770	5836	0,198	9454	11937	0,040	721	4509	0,04	806	5040	0,028	535	4775	0,009	72	3979	0,009	72	3979		
	8,0	0,029	508	4377	0,02	287	3583	0,029	762	4377	0,256	9167	8952	0,060	812	3382	0,06	907	3780	0,039	559	3581	0,016	95	2984	0,016	95	2984		
	10,0	0,035	490	3501	0,025	287	2866	0,035	735	3501	0,300	8594	7162	0,070	758	2706	0,070	847	3024	0,048	550	2865	0,022	105	2387	0,022	105	2387		
	12,0	0,039	455	2918	-	-	-	0,039	683	2918	0,337	8045	5968	0,080	722	2255	0,080	806	2520	0,055	525	2387	0,026	103	1989	0,026	103	1989		
	14,0	0,043	430	2501	-	-	-	0,043	645	2501	0,367	7510	5116	-	-	-	-	-	-	0,061	499	2046	0,030	102	1705	0,030	102	1705		
16,0	0,047	411	2188	-	-	-	0,047	823	2188	0,394	7055	4476	0,085	575	1691	0,085	643	1890	0,067	480	1790	0,033	98	1492	0,033	98	1492			
20,0	0,052	364	1751	-	-	-	0,052	728	1751	0,420	6016	3581	-	-	-	-	-	-	0,076	435	1432	0,039	93	1194	0,039	93	1194			
Acciaii altolegati High alloyed tool steel	m/min	Vc = 55			Vc = 40			Vc = 55			Vc = 115			Vc = 45			Vc = 50			Vc = 45			Vc = 40							
	D mm	fz mm/z	F mm/min	n rpm	fz mm/z	F mm/min	n rpm	fz mm/z	F mm/min	n rpm	fz mm/z	F mm/min	n rpm	fz mm/z	F mm/min	n rpm	fz mm/z	F mm/min	n rpm	fz mm/z	F mm/min	n rpm	fz mm/z	F mm/min	n rpm	fz mm/z	F mm/min	n rpm		
	2,0	0,002	70	8754	0,002	51	6369	-	-	-	0,035	2562	18303	-	-	-	-	-	-	-	-	-	-	-	-	-	0,002	25	6366	
	3,0	0,007	163	5836	0,004	68	4246	-	-	-	0,059	2880	12202	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0,003	25	4244
	4,0	0,012	210	4377	0,007	89	3185	-	-	-	0,117	4283	9151	0,025	358	3581	0,025	398	3979	0,018	258	3581	0,004	25	3183	0,004	25	3183		
	5,0	0,017	238	3501	0,012	122	2548	-	-	-	0,162	4744	7321	0,030	344	2865	0,030	382	3183	0,02	229	2865	0,007	36	2546	0,007	36	2546		
	6,0	0,022	257	2918	0,016	136	2123	0,022	385	2918	0,198	4832	6101	0,040	382	2387	0,040	424	2653	0,028	267	2387	0,009	38	2122	0,009	38	2122		
	8,0	0,029	254	2188	0,02	127	1592	0,029	381	2188	0,256																			

Materiale Material	Diametro Diameter	821S				801S				816S				836S				826S				841W 842W										
																																
m/min		Vc = 120				Vc = 120				Vc = 360				Vc = 130				Vc = 120				Vc = 130				Vc = 120			Vc = 90			
D mm		fz mm/z	F mm/min	n rpm	fz mm/z	F mm/min	n rpm	fz mm/z	F mm/min	n rpm	fz mm/z	F mm/min	n rpm	fz mm/z	F mm/min	n rpm	fz mm/z	F mm/min	n rpm	fz mm/z	F mm/min	n rpm	fz mm/z	F mm/min	n rpm	fz mm/z	F mm/min	n rpm	fz mm/z	F mm/min	n rpm	
Acciaio <800 N/mm² Steel <800 N/mm²	2,0	0,002	76	19108	0,002	76	19108	0,022	2521	57296	0,002	124	20701	0,002	115	19108	0,002	124	20701	0,002	115	19108	-	-	-	-	-	-	-	-	-	
	3,0	0,004	102	12739	0,004	102	12739	0,081	6188	38197	0,004	166	13800	0,004	153	12739	0,004	166	13800	0,004	153	12739	0,020	764	9554	0,020	764	9554	0,030	860	7166	
	4,0	0,009	172	9554	0,009	172	9554	0,139	7964	28648	0,009	279	10350	0,009	258	9554	0,009	279	10350	0,009	258	9554	0,030	860	7166	0,030	860	7166	0,040	764	4777	
	5,0	0,014	214	7643	0,014	214	7643	0,184	8434	22918	0,014	348	8280	0,014	321	7643	0,014	348	8280	0,014	321	7643	0,040	764	4777	0,040	764	4777	0,050	717	3583	
	6,0	0,018	229	6369	0,018	229	6369	0,220	8403	19099	0,018	373	6900	0,018	344	6369	0,018	373	6900	0,018	344	6369	0,060	688	2866	0,060	688	2866	0,070	669	2389	
	8,0	0,023	220	4777	0,023	220	4777	0,278	7964	14324	0,023	357	5175	0,023	330	4777	0,023	357	5175	0,023	330	4777	0,070	669	2389	0,070	669	2389	0,080	645	1433	
	10,0	0,028	214	3822	0,028	214	3822	0,322	7380	11459	0,028	348	4140	0,028	321	3822	0,028	348	4140	0,028	321	3822	0,080	645	1433	0,080	645	1433	0,090	620	1115	
	12,0	-	-	-	0,032	204	3185	0,359	6856	9549	0,032	280	2919	0,032	255	2654	-	-	-	-	-	-	-	0,070	520	1858	0,070	520	1858	0,080	459	1433
	14,0	-	-	-	0,034	186	2730	0,389	6368	8185	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	16,0	-	-	-	0,038	182	2389	0,416	5959	7162	0,038	295	2588	0,038	272	2389	-	-	-	-	-	-	-	0,070	502	1791	0,070	502	1791	0,080	459	1433
20,0	-	-	-	0,042	161	1911	-	-	-	0,042	261	2070	0,042	241	1911	-	-	-	-	-	-	-	0,080	459	1433	0,080	459	1433	0,090	428	1115	
Acciaio <1000 N/mm² - Ghisa Steel <1000 N/mm² - Cast iron	2,0	0,002	64	15924	0,002	64	15924	0,022	2066	46951	0,002	105	17516	0,002	96	15924	0,002	105	17516	0,002	96	15924	-	-	-	-	-	-	-	-	-	
	3,0	0,004	85	10616	0,004	85	10616	0,081	5071	31300	0,004	140	11677	0,004	127	10616	0,004	140	11677	0,004	127	10616	0,020	594	7431	0,020	594	7431	0,030	669	5573	
	4,0	0,009	143	7962	0,009	143	7962	0,139	6526	23475	0,009	236	8758	0,009	215	7962	0,009	236	8758	0,009	215	7962	0,030	669	5573	0,030	669	5573	0,040	594	3715	
	5,0	0,014	178	6369	0,014	178	6369	0,184	6911	18780	0,014	294	7006	0,014	268	6369	0,014	294	7006	0,014	268	6369	0,040	594	3715	0,040	594	3715	0,050	557	2787	
	6,0	0,018	191	5308	0,018	191	5308	0,22	6886	15650	0,018	315	5839	0,018	287	5308	0,018	315	5839	0,018	287	5308	0,060	535	2229	0,060	535	2229	0,070	520	1858	
	8,0	0,023	183	3981	0,023	183	3981	0,278	6526	11738	0,023	302	4379	0,023	275	3981	0,023	302	4379	0,023	275	3981	0,070	520	1858	0,070	520	1858	0,080	459	1433	
	10,0	0,028	178	3185	0,028	178	3185	0,322	6047	9390	0,028	294	3503	0,028	268	3185	0,028	294	3503	0,028	268	3185	0,080	459	1433	0,080	459	1433	0,090	428	1115	
	12,0	-	-	-	0,032	170	2654	0,359	5618	7825	0,032	280	2919	0,032	255	2654	-	-	-	-	-	-	-	0,070	520	1858	0,070	520	1858	0,080	459	1433
	14,0	-	-	-	0,034	155	2275	0,389	5218	6707	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	16,0	-	-	-	0,038	151	1990	0,416	4883	5869	0,038	250	2189	0,038	227	1990	-	-	-	-	-	-	-	0,070	390	1393	0,070	390	1393	0,080	357	1115
20,0	-	-	-	0,042	134	1592	-	-	-	0,042	221	1752	0,042	201	1592	-	-	-	-	-	-	-	0,080	357	1115	0,080	357	1115	0,090	326	955	
Acciaio <1300 N/mm² Steel <1300 N/mm²	2,0	0,002	48	11943	0,002	48	11943	0,022	1576	35810	0,002	76	12739	0,002	72	11943	0,002	76	12739	0,002	72	11943	-	-	-	-	-	-	-	-	-	
	3,0	0,004	64	7962	0,004	64	7962	0,081	3867	23873	0,004	102	8493	0,004	96	7962	0,004	102	8493	0,004	96	7962	0,020	510	6369	0,020	510	6369	0,030	573	4777	
	4,0	0,009	107	5971	0,009	107	5971	0,139	4978	17905	0,009	172	6369	0,009	161	5971	0,009	172	6369	0,009	161	5971	0,030	573	4777	0,030	573	4777	0,040	510	3185	
	5,0	0,014	134	4777	0,014	134	4777	0,184	5271	14324	0,014	214	5096	0,014	201	4777	0,014	214	5096	0,014	201	4777	0,040	510	3185	0,040	510	3185	0,050	478	2389	
	6,0	0,018	143	3981	0,018	143	3981	0,220	5252	11937	0,018	229	4246	0,018	215	3981	0,018	229	4246	0,018	215	3981	0,060	459	1911	0,060	459	1911	0,070	446	1592	
	8,0	0,023	137	2986	0,023	137	2986	0,278	4978	8952	0,023	220	3185	0,023	206	2986	0,023	220	3185	0,023	206	2986	0,070	446	1592	0,070	446	1592	0,080	406	955	
	10,0	0,028	134	2389	0,028	134	2389	0,322	4612	7162	0,028	214	2548	0,028	201	2389	0,028	214	2548	0,028	201	2389	0,080	406	955	0,080	406	955	0,090	374	1194	
	12,0	-	-	-	0,032	127	1990	0,359	4285	5968	0,032	204	2123	0,032	191	1990	-	-	-	-	-	-	-	0,070	446	1592	0,070	446	1592	0,080	406	955
	14,0	-	-	-	0,034	116	1706	0,389	3980	5116	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	16,0	-	-	-	0,038	113	1493	0,416	3724	4476	0,038	182	1592	0,038	170	1493	-	-	-	-	-	-	-	0,070	334	1194	0,070	334	1194	0,080	306	955
20,0	-	-	-	0,042	100	1194	-	-	-	0,042	161	1274	0,042	150	1194	-	-	-	-	-	-	-	0,080	306	955	0,080	306	955	0,090	274	1115	
Acciai alloyati High alloyed tool steel	2,0	0,002	25	6369	0,002	25	6369	0,022	805	18303	0,002	38	6369	0,002	38	6369	0,002	38	6369	0,002	38	6369	-	-	-	-	-	-	-	-	-	
	3,0	0,004	34	4246	0,004	34	4246	0,081	1977	12202	0,004	51	4246	0,004	51	4246	0,004	51	4246	0,004	51	4246	0,020	340	4246	0,020	340	4246	0,030	382	3185	
	4,0	0,009	57	3185	0,009	57	3185	0,139	2544	9151	0,009	86	3185	0,009	86	3185	0,009	86	3185	0,009	86	3185	0,030	382	3185	0,030	382	3185	0,040	340	2123	
	5,0	0,014	71	2548	0,014	71	2548	0,184	2694	7321	0,014	107	2548	0,014	107	2548	0,014	107	2548	0,014	107	2548	0,040	340	2123	0,040	340	2123	0,050	318	1592	
	6,0	0,018	76	2123	0,018	76	2123	0,220	2684	6101	0,018	115	2123																			

Materiale Material	Diametro Diameter	810						812						813									
																							
		1,00 D		0,50 D				1,00 D		0,10 D				1,00 D		ap=1,50 D ae=0,25 D							
Alluminio e leghe < 6% Si Aluminium and alloys < 6% Si	m/min	Vc = 600				Vc = 795				Vc = 600				Vc = 795				Vc=600			Vc=800		
	D mm	fz mm/z	F mm/min	n rpm	fz mm/z	F mm/min	n rpm	fz mm/z	F mm/min	n rpm	fz mm/z	F mm/min	n rpm	fz mm/z	F mm/min	n rpm	fz mm/z	F mm/min	n rpm	fz mm/z	F mm/min	n rpm	
	2,0	0,010	1910	95493	0,010	2531	126528	-	-	-	-	-	-	-	-	-	-	0,012	2292	63662	0,012	3056	84883
	3,0	0,014	1783	63662	0,014	2362	84352	-	-	-	-	-	-	-	-	-	-	0,012	2292	63662	0,012	3056	84883
	4,0	0,024	2292	47746	0,024	3037	63264	0,021	3008	47746	0,021	3986	63264	0,020	2865	47746	0,020	2865	47746	0,020	3820	63662	
	5,0	0,044	3361	38197	0,044	4454	50611	0,035	4011	38197	0,035	5314	50611	0,035	4011	38197	0,035	4011	38197	0,035	5348	50930	
	6,0	0,060	3820	31831	0,060	5061	42176	0,050	4775	31831	0,050	6326	42176	0,050	4775	31831	0,050	4775	31831	0,050	6366	42441	
	8,0	0,086	4106	23873	0,086	5441	31632	0,073	5228	23873	0,073	6927	31632	0,070	5013	23873	0,070	5013	23873	0,070	6685	31831	
	10,0	0,106	4049	16099	0,106	5365	25306	0,091	5214	16099	0,091	6908	25306	0,090	5157	16099	0,090	5157	16099	0,090	6875	25465	
	12,0	0,122	3883	15915	0,122	5145	21088	0,105	5013	15915	0,105	6643	21088	0,105	5013	15915	0,105	5013	15915	0,105	6685	21221	
	14,0	0,136	3711	13642	0,136	4917	18075	0,118	4829	13642	0,118	6399	18075	0,110	4502	13642	0,110	4502	13642	0,110	6002	18189	
	16,0	0,148	3533	11937	0,148	4682	15816	0,128	4584	11937	0,128	6073	15816	0,130	4655	11937	0,130	4655	11937	0,130	6207	15915	
	20,0	0,160	3056	9549	0,160	4049	12653	0,140	4011	9549	0,140	5314	12653	0,160	4584	9549	0,160	4584	9549	0,160	6112	12732	
	2,0	0,010	716	35810	0,010	955	47746	-	-	-	-	-	-	-	-	-	-	0,012	2292	63662	0,012	3056	84883
	3,0	0,014	668	23873	0,014	891	31831	-	-	-	-	-	-	-	-	-	-	0,012	2292	63662	0,012	3056	84883
	4,0	0,024	859	17905	0,024	1146	23873	0,021	1128	17905	0,021	1504	23873	0,020	2865	47746	0,020	2865	47746	0,020	3820	63662	
	5,0	0,044	1261	14324	0,044	1681	19099	0,035	1504	14324	0,035	2005	19099	0,035	4011	38197	0,035	4011	38197	0,035	5348	50930	
	6,0	0,060	1432	11937	0,060	1910	15915	0,050	1790	11937	0,050	2387	15915	0,050	4775	31831	0,050	4775	31831	0,050	6366	42441	
	8,0	0,086	1540	8952	0,086	2053	11937	0,073	1961	8952	0,073	2614	11937	0,070	5013	23873	0,070	5013	23873	0,070	6685	31831	
	10,0	0,106	1518	7162	0,106	2024	9549	0,091	1955	7162	0,091	2607	9549	0,090	5157	19099	0,090	5157	19099	0,090	6875	25465	
	12,0	0,122	1456	5968	0,122	1942	7958	0,105	1880	5968	0,105	2057	7958	0,105	5013	15915	0,105	5013	15915	0,105	6685	21221	
	14,0	0,136	1391	5116	0,136	1855	6821	0,118	1811	5116	0,118	2415	6821	0,110	4502	13642	0,110	4502	13642	0,110	6002	18189	
16,0	0,148	1325	4476	0,148	1767	5968	0,128	1719	4476	0,128	2292	5968	0,130	4655	11937	0,130	4655	11937	0,130	6207	15915		
20,0	0,160	1146	3581	0,160	1528	4775	0,140	1504	3581	0,140	2005	4775	0,160	4584	9549	0,160	4584	9549	0,160	6112	12732		
2,0	0,010	1194	59683	0,010	1576	78782	-	-	-	-	-	-	-	-	-	-	0,012	1337	37136	0,012	1910	53052	
3,0	0,014	1114	39789	0,014	1471	52521	-	-	-	-	-	-	-	-	-	-	0,012	1337	37136	0,012	1910	53052	
4,0	0,024	1432	29842	0,024	1891	39391	0,021	1880	29842	0,021	2482	39391	0,020	1671	27852	0,020	1671	27852	0,020	2387	39789		
5,0	0,044	2101	23873	0,044	2773	31513	0,035	2507	23873	0,035	3309	31513	0,035	2340	22282	0,035	2340	22282	0,035	3342	31831		
6,0	0,060	2387	19894	0,060	3151	26261	0,050	2984	19894	0,050	3939	26261	0,050	2785	18568	0,050	2785	18568	0,050	3979	26526		
8,0	0,086	2566	14921	0,086	3388	19695	0,073	3268	14921	0,073	4313	19695	0,070	2924	13926	0,070	2924	13926	0,070	4178	19894		
10,0	0,106	2531	11937	0,106	3340	15756	0,091	3259	11937	0,091	4301	15756	0,090	3008	11141	0,090	3008	11141	0,090	4297	15915		
12,0	0,122	2427	9947	0,122	3204	13130	0,105	3133	9947	0,105	4136	13130	0,105	2924	9284	0,105	2924	9284	0,105	4178	13263		
14,0	0,136	2319	8526	0,136	3061	11255	0,118	3018	8526	0,118	3984	11255	0,110	2626	7958	0,110	2626	7958	0,110	3752	11368		
16,0	0,148	2208	7460	0,148	2915	9848	0,128	2865	7460	0,128	3782	9848	0,130	2716	6963	0,130	2716	6963	0,130	3879	9947		
20,0	0,160	1910	5968	0,160	2521	7878	0,140	2507	5968	0,140	3309	7878	0,160	2674	5570	0,160	2674	5570	0,160	3820	7958		
2,0	0,010	1432	71620	0,010	1894	94697	-	-	-	-	-	-	-	-	-	-	0,012	1719	47746	0,012	2292	63662	
3,0	0,014	1337	47746	0,014	1768	63131	-	-	-	-	-	-	-	-	-	-	0,012	1719	47746	0,012	2292	63662	
4,0	0,024	1719	35810	0,024	2273	47349	0,021	2256	35810	0,021	2983	47349	0,020	2149	35810	0,020	2149	35810	0,020	2865	47746		
5,0	0,044	2521	28648	0,044	3333	37879	0,035	3008	28648	0,035	3977	37879	0,035	3008	28648	0,035	3008	28648	0,035	4011	38197		
6,0	0,060	2865	23873	0,060	3788	31566	0,050	3581	23873	0,050	4735	31566	0,050	3581	23873	0,050	3581	23873	0,050	4775	31831		
8,0	0,086	3080	17905	0,086	4072	23674	0,073	3921	17905	0,073	5185	23674	0,070	3760	17905	0,070	3760	17905	0,070	5013	23873		
10,0	0,106	3037	14324	0,106	4015	18939	0,091	3910	14324	0,091	5170	18939	0,090	3867	14324	0,090	3867	14324	0,090	5157	19099		
12,0	0,122	2913	11937	0,122	3851	15783	0,105	3760	11937	0,105	4972	15783	0,105	3760	11937	0,105	3760	11937	0,105	5013	15915		
14,0	0,136	2783	10231	0,136	3680	13528	0,118	3622	10231	0,118	4789	13528	0,110	3376	10231	0,110	3376	10231	0,110	4502	13642		
16,0	0,148	2650	8952	0,148	3504	11837	0,128	3438	8952	0,128	4545	11837	0,130	3491	8952	0,130	3491	8952	0,130	4655	11937		
20,0	0,160	2292	7162	0,160	3030	9470	0,140	3008	7162	0,140	3977	9470	0,160	3438	7162	0,160	3438	7162	0,160	4584	9549		

		894S							
Materiale Material	Diametro Diameter	1,00 D				2,00 D			
Inox ferritico Ferritic stainless steel	m/min	Vc=130				Vc=140			
	D mm	fz mm/z	F mm/min	n rpm	fz mm/z	F mm/min	n rpm		
	3,0	0,013	718	13800	0,013	773	14862		
	4,0	0,020	828	10350	0,020	892	11146		
	5,0	0,025	828	8280	0,025	892	8917		
	6,0	0,030	828	6900	0,030	892	7431		
	8,0	0,040	828	5175	0,040	892	5573		
	10,0	0,050	828	4140	0,050	892	4459		
	12,0	0,060	828	3450	0,060	892	3715		
	16,0	0,070	725	2588	0,070	780	2787		
20,0	0,080	662	2070	0,080	713	2229			
Inox austenitico Austenitic stainless steel	m/min	Vc=110				Vc=120			
	D mm	fz mm/z	F mm/min	n rpm	fz mm/z	F mm/min	n rpm		
	3,0	0,013	607	11677	0,013	662	12739		
	4,0	0,020	701	8758	0,020	764	9554		
	5,0	0,025	701	7006	0,025	764	7643		
	6,0	0,030	701	5839	0,030	764	6369		
	8,0	0,040	701	4379	0,040	764	4777		
	10,0	0,050	701	3503	0,050	764	3822		
	12,0	0,060	701	2919	0,060	764	3185		
	16,0	0,070	613	2189	0,070	669	2389		
20,0	0,080	561	1752	0,080	611	1911			
Titanio Titanium	m/min	Vc=60				Vc=70			
	D mm	fz mm/z	F mm/min	n rpm	fz mm/z	F mm/min	n rpm		
	3,0	0,005	127	6369	0,010	297	7431		
	4,0	0,007	124	4777	0,016	357	5573		
	5,0	0,009	130	3822	0,020	357	4459		
	6,0	0,010	127	3185	0,030	446	3715		
	8,0	0,013	124	2389	0,040	446	2787		
	10,0	0,018	138	1911	0,050	446	2229		
	12,0	0,022	140	1592	0,060	446	1858		
	16,0	0,032	153	1194	0,080	446	1393		
20,0	0,040	153	955	0,100	446	1115			
Acciaio <800 N/mm ² Steel < 800N/mm ²	m/min	Vc=130				Vc=140			
	D mm	fz mm/z	F mm/min	n rpm	fz mm/z	F mm/min	n rpm		
	3,0	0,013	718	13800	0,013	773	14862		
	4,0	0,020	828	10350	0,020	892	11146		
	5,0	0,025	828	8280	0,025	892	8917		
	6,0	0,030	828	6900	0,030	892	7431		
	8,0	0,040	828	5175	0,040	892	5573		
	10,0	0,050	828	4140	0,050	892	4459		
	12,0	0,060	828	3450	0,060	892	3715		
	16,0	0,070	725	2588	0,070	780	2787		
20,0	0,080	662	2070	0,080	713	2229			

Legenda Legend



2 Taglienti
2 Flutes



Attacchi 6535 HA + 6535 HB
6535 HA + 6535 HB holders



3 Taglienti
3 Flutes



Attacco 6535 HA
6535 HA holder



3 Taglienti con elica
differenziata / 3 Flutes
with unequal helix



Attacco 6535 HB
6535 HB holder



4 Taglienti
4 Flutes



Direzione di avanzamento
Feed direction



4 Taglienti
4 Flutes



Fresatura di cava
Slotting



4 Taglienti
4 Flutes



Fresatura laterale
e frontale / Side and
face milling



4 Taglienti con elica
differenziata / 4 Flutes
with unequal helix



Fresatura trocoidale
Trochoidal milling



6 Taglienti
6 Flutes



Fresatura in rampa
Ramp milling



Qualità metallo duro
Hard metal quality



Copiatura 3D
3D Copy milling



Norma 6527 L 6528
6527 L 6528 Norm



Smussatura
Chamfering



Norma 6527 L
6527 L Norm



Geometria frontale 45°
45° Profile geometry



Norma 6527 K 6528
6527 K 6528 Norm



Geometria frontale 60°
60° Profile geometry



Norma Silmax
Silmax Norm



Geometria frontale 90°
90° Profile geometry



Angolo elica
Helix angle



Geometria frontale 90°
90° Profile geometry



Rivestimento Balinit®
Alcrona
Balinit® Alcrona coating



Geom. front. corner radius
Corner radius prof. geom.



Ribassamento dopo
il tagliente / Neck relief



Geom. front. semisferica
Ball nose profile geometry



Superfinitura
Superfinishing



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