

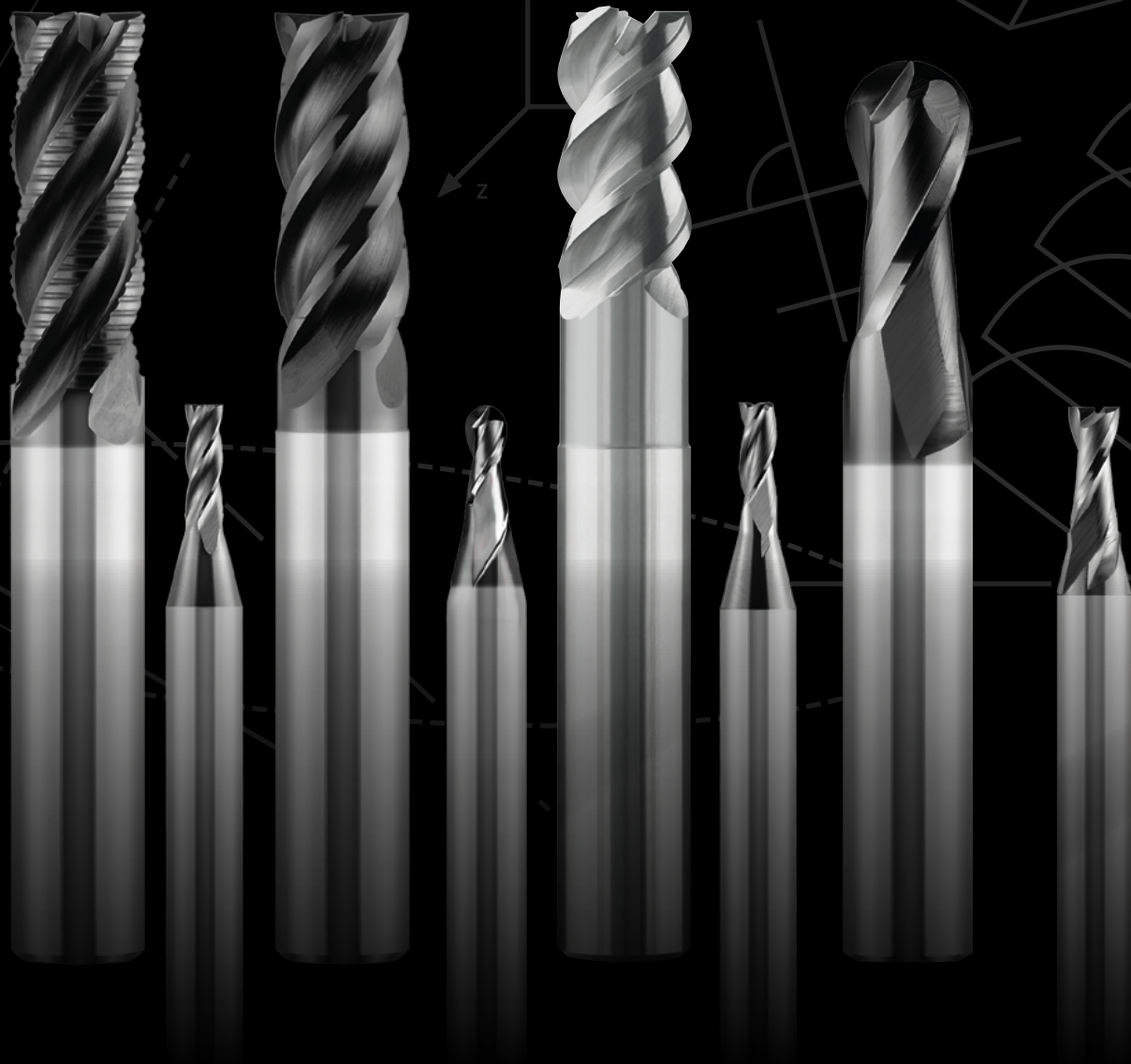
SILMAX®

**PFERD
TOOLS**

SILSAVING

SOLID CARBIDE END MILLS

silmax.it/silsaving



2025 EDITION

SILSAVING

SOLID CARBIDE END MILLS

La linea Silsaving risponde ad ogni esigenza garantendo qualità elevata ad un prezzo concorrenziale. La famiglia Silsaving grazie al successo delle gamme di utensili ad alte prestazioni (892S, 893S, 894S, 895S, 897S), alla linea micro (808S, 838S, 858S, 818S) e alle frese multiuso di diversi diametri (871S rompitruciolo, 836S, 801S per chiavette) offre all'utilizzatore sempre grande qualità.

Silsaving by Silmax meets the most specific customer's needs, ensuring high quality at competitive price. Silmax after the success of the high-performance tool ranges (892S, 893S, 894S, 895S, 897S), the micro line (808S, 838S, 858S, 818S), the multi-purposes cutters in different diameters (871S chipbreaker, the 836S, the 801S for key lotting), offers the user great quality every time.

Die Silsaving-Linie erfüllt alle Anforderungen und garantiert hohe Qualität zu einem wettbewerbsfähigen Preis. Die Silsaving-Familie bietet dem Anwender dank des Erfolges der Hochleistungswerkzeuge (892S, 893S, 894S, 895S und 897S), der Micro Linie (808S, 838S, 858S, 818S) und der Mehrzweckfräser in verschiedenen Durchmessern (871S Spanbrecher, 836S, 801S für Paßfedernuten) stets hohe Qualität.

La famille Silsaving répond à tous vos besoins avec une offre de qualité à un prix très compétitif. La famille Silsaving, grâce à des outils hautes performances (892S, 893S, 894S, 895S, 897S), grâce à la famille Micro (808S, 838S, 858S, 818S) et comprenant aussi les fraises multi-applications en différents diamètres (871S avec brise copeaux, 836S, 801S pour logements de clavettes) offre de prestations étendue et de grande qualité.

Guida selezione utensile

Tool selection guide

Anleitung zur Werkzeugauswahl

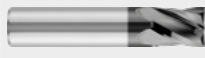
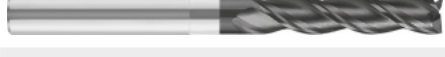
Guide pour la sélection de l'outil

Guida selezione utensile																
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Guida selezione utensile

Tool selection guide
Anleitung zur Werkzeugauswahl
Guide pour la sélection de l'outil

Multi Applicazioni / Multi Applications
Mehrzweckanwendung / Fraises multi-applications

	Codice Code	Ø (D mm)	Z	P K M	P M S	N		Cava Slotting Nuttenfräsen Rainurage	Contornatura Side and face milling Seiten- und Stirnfräsen Contournage	Copiatra 3D 3D Copy milling Profilfräsen Copiage 3D	Trocoideale Trochoidal Trochoidales Fräsen Fraisage trochoïdal	Assiale Plunging Tauchen Plongée	Rampa Ramp milling Rampefräsen Ramping	Smussatura Chamfering Fäsen Chanfreinage	Interpolazione elicoidale Helical interpolation Helixinterpolation Interpolation hélicoïdale	
	856S 856SW	2,0 ÷ 20,0	4	●	-	-		-	●	-	-	-	-	-	-	17
	856CR 856CRW	2,0 ÷ 20,0	4	●	-	-		-	●	-	-	-	-	-	-	17
	829S	2,0 ÷ 12,0	4	●	-	-		●	●	-	-	-	-	-	-	18
	859S 859SW	3,0 ÷ 16,0	4	●	-	-		-	●	-	-	-	-	-	-	18
	861S 861SW	6,0 ÷ 20,0	6	●	-	-		-	●	-	-	-	-	-	-	19
	866S 866SW	2,0 ÷ 20,0	4	●	●	-		-	-	●	-	-	-	-	-	19
	883S 883SW	6,0 ÷ 16,0	4	●	●	-		-	-	●	-	-	-	-	-	20
	871S 871SW	4,0 ÷ 20,0	4	●	-	-		-	●	-	-	-	-	-	-	20
	806S 806SW	2,0 ÷ 20,0	2	●	●	-		●	●	-	-	●	-	-	-	21
	806CR 806CRW	2,0 ÷ 20,0	2	●	●	-		●	●	-	-	●	-	-	-	21
	821S	2,0 ÷ 12,0	2	●	-	-		●	-	-	-	●	-	-	-	22
	801S 801SW	2,0 ÷ 20,0	2	●	-	-		●	-	-	-	●	-	-	-	22
	879S 879SW	3,0 ÷ 16,0	2	●	-	-		●	●	-	-	●	-	-	-	23
	816S 816SW	4,0 ÷ 20,0	2	●	●	-		-	-	●	-	-	-	-	-	23
	881S 881SW	4,0 ÷ 16,0	2	●	●	-		-	-	●	-	-	-	-	-	24
	836S 836SW	2,0 ÷ 20,0	3	●	-	-		●	●	-	-	●	-	-	-	24
	826S	2,0 ÷ 12,0	3	●	-	-		●	●	-	-	●	-	-	-	25
	876S 876SW	4,0 ÷ 16,0	3	●	-	-		●	●	-	-	●	-	-	-	25
	841S 841SW	3,0 ÷ 20,0	4/6	●	-	-		-	-	-	-	-	-	●	-	26
	842S 842SW	3,0 ÷ 20,0	4/6	●	-	-		-	-	-	-	-	-	●	-	26
	843S	3,0 ÷ 16,0	2	●	●	●		-	-	-	-	●	-	-	-	27
	844S	3,0 ÷ 12,0	2	●	●	●		-	-	-	-	●	-	-	-	27

P

Acciaio
Steel
Stahl
Acier

M

Acciaio Inox
Stainless Steel
Nichtrostend
Acier inoxydable

K

Ghisa
Cast Iron
Gusseisen
Fonte

N

Leghe di Alluminio
Aluminium Alloys
Aluminiumlegierungen
Alliages d'aluminium

S

HRSA - Titanio
HRSA - Titanium
HRSA - Titan
HRSA - Titane

H

Acciai Temprati
Hardened Steels
Gehärtete Stähle
Aciers trempés

O

Non ISO
Not ISO
Nicht ISO
Non - ISO

Raccomandato
Recommended
Empfohlen
Recommandé

Adatto
Suitable
Geeignet
Adapté



Scansiona il codice QR per scaricare la versione digitale.
Scan QR code to download the digital version.
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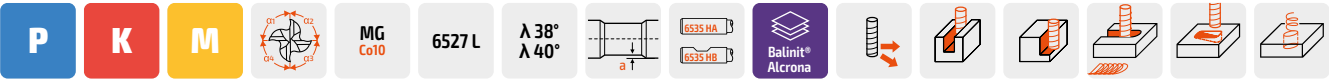
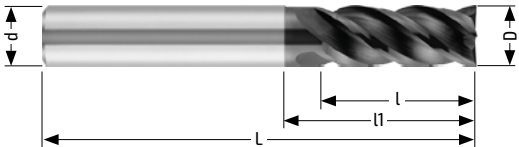


Scansiona il codice QR per la legenda dei simboli.
Scan the QR code for symbol legend.
Scannen Sie den QR-Code, um die Legende des Symbols zu erhalten.
Scannez le code QR pour obtenir la légende du symbole.

Alte prestazioni
High performance / Hochleistung / Hautes performances

895S | 895SW

Fresa 4 taglienti serie normale con elica differenziata e divisione irregolare
4 flute end mill regular version with variable helix and unequal flute spacing
Schafffräser Vierschneider normale Serie mit ungleichem Drall -> Helix oder
Helixwinkel und Ungleichteilung
Fraise à 4 dents, hélices variables serie normale

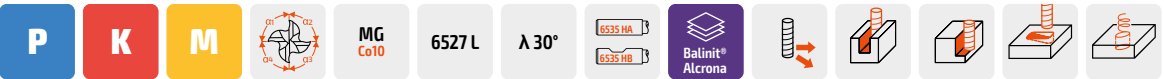
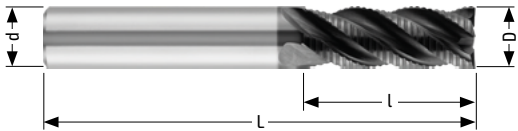


45°	D h10	d h6	L	l ap	l1	a	45° +/-0,05/+0	Z	895S	895SW
	3,0	6	57	8	-	-	0,05	4	895S D.3	895SW D.3
	4,0	6	57	11	16	0,10	0,05	4	895S D.4	895SW D.4
	5,0	6	57	13	18	0,10	0,05	4	895S D.5	895SW D.5
	6,0	6	57	13	20	0,15	0,05	4	895S D.6	895SW D.6
	8,0	8	63	19	25	0,15	0,05	4	895S D.8	895SW D.8
	10,0	10	72	22	30	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

Cr	D h10	d h6	L	l ap	l1	a	Cr	Z	895CR	895CRW
	3	6	57	8	-	-	0,30	4	895S D. 3 CR03	895SW D. 3 CR03
	3	6	57	8	-	-	0,50	4	895S D. 3 CR05	895SW D. 3 CR05
	4	6	57	11	16	0,10	0,30	4	895S D. 4 CR03	895SW D. 4 CR03
	4	6	57	11	16	0,10	0,50	4	895S D. 4 CR05	895SW D. 4 CR05
	5	6	57	13	18	0,10	0,30	4	895S D. 5 CR03	895SW D. 5 CR03
	5	6	57	13	18	0,10	0,50	4	895S D. 5 CR05	895SW D. 5 CR05
	6	6	57	13	20	0,15	0,50	4	895S D. 6 CR05	895SW D. 6 CR05
	6	6	57	13	20	0,15	1,00	4	895S D. 6 CR10	895SW D. 6 CR10
	8	8	63	19	25	0,15	0,50	4	895S D. 8 CR05	895SW D. 8 CR05
	10	10	72	22	30	0,15	0,50	4	895S D.10 CR05	895SW D.10 CR05
	10	10	72	22	30	0,15	1,00	4	895S D.10 CR10	895SW D.10 CR10
	12	12	83	26	36	0,20	1,00	4	895S D.12 CR10	895SW D.12 CR10

897S | 897SW

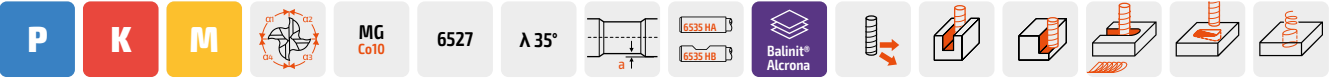
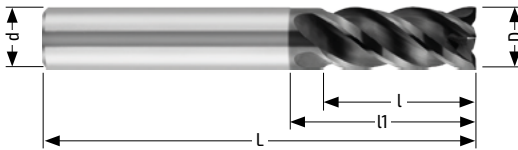
Fresa a sgrossare 4 taglienti con divisione irregolare serie normale
4 flute roughing end mill with unequal flute spacing regular version
Schrupfräser mit vier Schneiden und unregelmäßiger Teilung mit Kordelverzahnung
Fraise ébauche à 4 dents à pas décalé



45°	D h11	d h6	L	l ap	45° +/-0,3	Z	897S	897SW
	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

893S | 893SW

Fresa universale a 4 taglienti con divisione irregolare adatta per la fresatura in rampa
4 flute multi-purpose end mill with unequal flute spacing suitable for ramp milling
Universalschneider mit vier Schneiden mit unregelmäßiger
Teilung geeignet zum Rampenfräsen
Fraise à 4 dents polyvalent à pas décalé pour ramping



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

P
Acciaio
Steel
Stahl
Acier

M
Acciaio Inox
Stainless Steel
Nichtrostend
Acier inoxydable

K
Ghisa
Cast Iron
Gusseisen
Fonte

N
Leghe di Alluminio
Aluminium Alloys
Aluminiumlegierungen
Alliages d'aluminium

S
HRSA - Titanio
HRSA - Titanium
HRSA - Titan

H
Acciai Temprati
Hardened Steels
Gehärtete Stähle
Aciers trempés

O
Non ISO
Not ISO
Nicht ISO
Non - ISO

Raccomandato
Recommended
Empfohlen
Recommandé

Adatto
Suitable
Geeignet
Adapté

Scansiona il Qr-code per consultare i parametri di lavoro.
Scan the Qr-code to view the working parameters.
Scannen Sie den QR-Code, um die Schnittwerte anzuzeigen.
Scannez le code Qr pour visualiser les paramètres de fonctionnement.

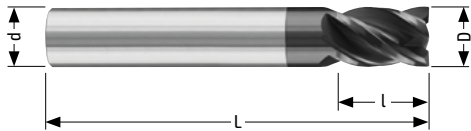
895S/895SW

897S/897SW

893S/893SW

892SK | 892SKW

Fresa 4 taglienti serie corta con divisione irregolare
4 flute end mill short version with unequal flute spacing
Vierschneider kurz mit unregelmäßiger Teilung
Fraise à 4 dents à pas décalé, série normale



45°

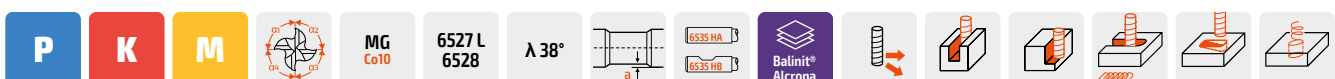
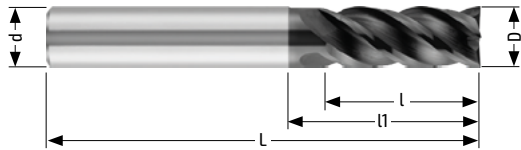
D	d	L	l	45°	Z	892SK	892SKW
h10	h6		ap	+0,05/+0			
3,0	6	54	6	0,05	4	892SK D.3	892SKW D.3
4,0	6	54	8	0,10	4	892SK D.4	892SKW D.4
5,0	6	54	9	0,10	4	892SK D.5	892SKW D.5
6,0	6	54	10	0,10	4	892SK D.6	892SKW D.6
8,0	8	57	12	0,15	4	892SK D.8	892SKW D.8
10,0	10	66	14	0,15	4	892SK D.10	892SKW D.10
12,0	12	73	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

892S | 892SW

Fresa 4 taglienti serie normale con divisione irregolare
4 flute end mill regular version with unequal flute spacing
Vierschneider Schaftfräser Normalserie mit unregelmäßiger Teilung
Fraise à 4 dents à pas décalé, série normale



45°

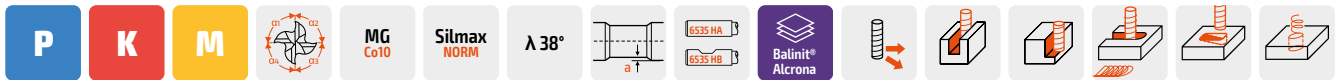
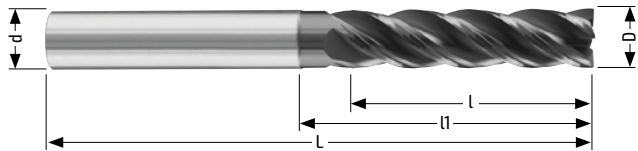
D	d	L	l	l1	a	45°	Z	892S	892SW
h10	h6		ap			+0,05/+0			
3,0	3	38	8	-	-	-	4	892S D.3	-
3,0	6	57	8	11	0,10	0,05	4	892S D.3 G6	892SW D.3 G6
4,0	4	50	11	16	0,10	0,10	4	892S D.4	-
4,0	6	57	11	16	0,10	0,10	4	892S D.4 G6	892SW D.4 G6
5,0	5	50	13	18	0,10	0,10	4	892S D.5	-
5,0	6	57	13	18	0,10	0,10	4	892S D.5 G6	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
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

892SL | 892SLW

Fresa 4 taglienti serie lunga con divisione irregolare
4 flute end mill long version with unequal flute spacing
Vierschneider lange Ausführung mit unregelmäßiger Teilung
Fraise à 4 dents à pas décalé, série longue



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



Scansiona il Qr-code per consultare i parametri di lavoro.
Scan the Qr-code to view the working parameters.
Scannen Sie den QR-Code, um die Schnittwerte anzuzeigen.
Scannez le code Qr pour visualiser les paramètres de fonctionnement.

892SK/892SKW



892SL/892SLW

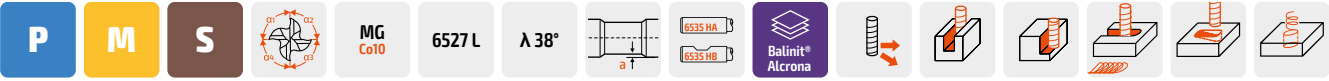
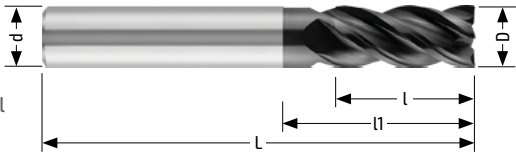


892S/892SW



894S | 894SW

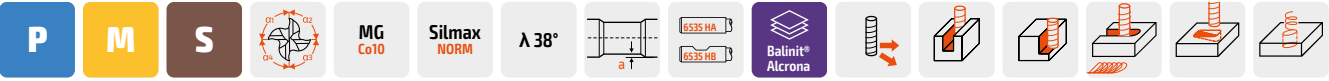
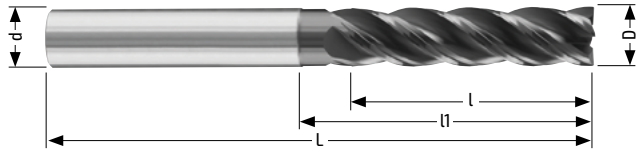
Fresa 4 taglienti serie normale con divisione irregolare per inox e acciai dolci
4 flute end mill regular version with unequal flute spacing for stainless steel and mild steel
Vierschneider Normalserie mit unregelmäßiger Teilung für rostfreien Stahl und Baustahl
Fraise à 4 dents à pas décalé série normale pour inox et acier doux



45°	D h10	d h6	L	l ap	l1	a	45° +0,05/+0	Z	894S	894SW
	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

894SL | 894SLW

Fresa 4 taglienti serie lunga con divisione irregolare per inox e acciai dolci
4 flute end mill long version with unequal flute spacing for stainless steel and mild steel
Vierschneider lange Ausführung mit unregelmäßiger Teilung für rostfreier Stahl und Baustahl
Fraise à 4 dents à pas décalé série longue



45°	D h10	d h6	L	l ap	l1	a	45° +0,05/+0	Z	894SL	894SLW
	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

P
Acciaio
Steel
Stahl
Acier

M
Acciaio Inox
Stainless Steel
Nichtrostend
Acier inoxydable

K
Ghisa
Cast Iron
Gusseisen
Fonte

N
Leghe di Alluminio
Aluminium Alloys
Aluminiumlegierungen
Alliages d'aluminium

S
HRSA - Titanio
HRSA - Titanium
HRSA - Titan
HRSA - Titane

H
Acciai Temprati
Hardened Steels
Gehärtete Stähle
Aciers trempés

O
Non ISO
Not ISO
Nicht ISO
Non - ISO

Raccomandato
Recommended
Empfohlen
Recommandé

Adatto
Suitable
Geeignet
Adapté

Scansiona il Qr-code per consultare i parametri di lavoro.
Scan the Qr-code to view the working parameters.
Scannen Sie den QR-Code, um die Schnittwerte anzuzeigen.
Scannez le code Qr pour visualiser les paramètres de fonctionnement.

894S/894SW

894SL/894SLW

Frese micro

Micro tools / Mikrofräser / Micro fraises

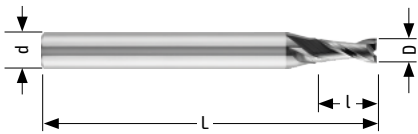
808S

Fresa 2 taglienti serie normale con gambo rinforzato

2 flute end mill regular version with reinforced shank

Fräser zwei Schneiden normale Serie mit verstärktem Schaft

Fraise à 2 dents avec queue renforcée sèrie normale



P

K

M

S

6527 L

λ 30°

90°	D h10	d h6	L	l ap	Z	808S
	1,0	6	53	3,0	2	808S D.1
	1,0	6	53	4,0	2	808SL D.1
	1,0	6	53	6,0	2	808SXL D.1
	1,5	6	53	4,0	2	808S D.1,5
	1,5	6	53	6,0	2	808SL D.1,5
	1,5	6	53	7,5	2	808SXL D.1,5
	2,0	6	53	6,0	2	808S D.2
	2,0	6	53	8,0	2	808SL D.2
	2,0	6	53	10,0	2	808SXL D.2
	2,5	6	53	7,0	2	808S D.2,5
	2,5	6	53	9,0	2	808SL D.2,5
	3,0	6	53	7,0	2	808S D.3
	3,0	6	53	12,0	2	808SL D.3
	3,5	6	53	7,0	2	808S D.3,5
	4,0	6	53	8,0	2	808S D.4
	4,0	6	53	12,0	2	808SL D.4
	4,0	6	57	16,0	2	808SXL D.4
	5,0	6	57	10,0	2	808S D.5

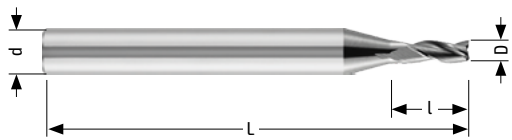
838S

Fresa 3 taglienti serie normale con gambo rinforzato

3 flute end mill with reinforced shank regular version

Fräser drei Schneiden normale Serie mit verstärktem Schaft

Fraise à 3 dents avec queue renforcée sèrie normale



P

K

M

6527 L

λ 30°

90°	D h10	d h6	L	l ap	Z	838S
	1,0	6	53	3	3	838S D.1
	1,5	6	53	4	3	838S D.1,5
	1,5	6	53	6	3	838SL D.1,5
	2,0	6	53	6	3	838S D.2
	2,0	6	53	8	3	838SL D.2
	2,5	6	53	7	3	838S D.2,5
	2,5	6	53	10	3	838SL D.2,5
	3,0	6	53	7	3	838S D.3
	3,0	6	53	12	3	838SL D.3
	3,5	6	53	7	3	838S D.3,5
	4,0	6	53	8	3	838S D.4
	4,0	6	53	12	3	838SL D.4
	5,0	6	57	10	3	838S D.5

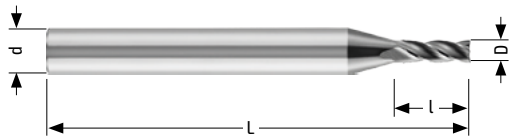
858S

Fresa 4 taglienti serie normale con gambo rinforzato

4 flute end mill with reinforced shank

Fräser vier Schneiden normale Serie mit verstärktem Schaft

Fraise à 4 dents avec queue renforcée sèrie normale



P

K

M

6527 L

λ 30°

90°	D h10	d h6	L	l ap	Z	858S
	2,0	6	53	7	4	858S D.2
	2,5	6	53	8	4	858S D.2,5
	3,0	6	53	8	4	858S D.3
	3,5	6	53	10	4	858S D.3,5
	4,0	6	53	11	4	858S D.4
	5,0	6	57	13	4	858S D.5

P

Acciaio
Steel
Stahl
Acier

M

Acciaio Inox
Stainless Steel
Nichtrostend
Acier inoxydable

K

Ghisa
Cast Iron
Gusseisen
Fonte

N

Leghe di Alluminio
Aluminium Alloys
Aluminiumlegierungen
Alliages d'aluminium

S

HRSA - Titanio
HRSA - Titanium
HRSA - Titan
HRSA - Titane

H

Acciai Temprati
Hardened Steels
Gehärtete Stähle
Aciers trempés

O

Non ISO
Not ISO
Nicht ISO
Non - ISO

Raccomandato
Recommended
Empfohlen
Recommandé

Adatto
Suitable
Geegnet
Adapté

Scansiona il Qr-code per consultare i parametri di lavoro.
Scan the Qr-code to view the working parameters.
Scannen Sie den QR-Code, um die Schnittwerte anzuzeigen.
Scannez le code Qr pour visualiser les paramètres de fonctionnement.

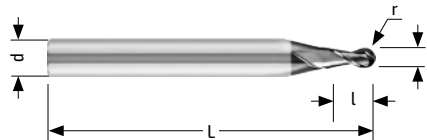
808S

838S

858S

816S

Fresa 2 taglienti serie normale semisferica con gambo rinforzato
2 flute ball nose end mill regular version with reinforced shank
Halbkugelförmiger Schaftfräser zwei Schneiden normale Serie
Fraise hémisphérique à 2 dents avec queue renforcée, série normale



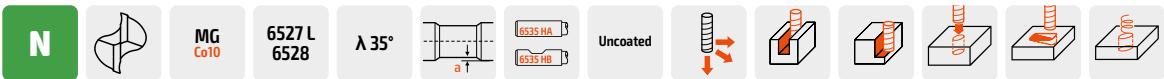
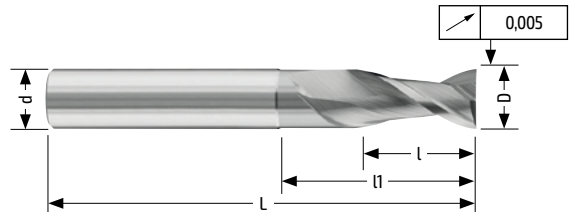
D h10	d h6	L	l ap	r	Z	816S
1,0	3	38	3	0,50	2	816S D.1
1,0	6	53	3	0,50	2	816S D.1 G6
1,5	3	38	4	0,75	2	816S D.1,5
1,5	6	53	4	0,75	2	816S D.1,5 G6
2,0	3	38	5	1,00	2	816S D.2
2,0	6	53	5	1,00	2	816S D.2 G6
2,5	3	38	7	1,25	2	816S D.2,5
2,5	6	53	7	1,25	2	816S D.2,5 G6
3,0	3	38	7	1,50	2	816S D.3
3,0	6	53	7	1,50	2	816S D.3 G6
4,0	6	57	8	2,00	2	816S D.4

Alluminio

Aluminium / Fräser für Aluminium / Fraises pour l'aluminium

810 | 810W

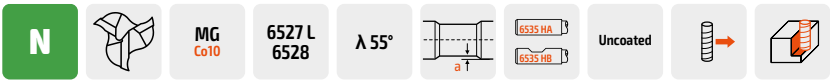
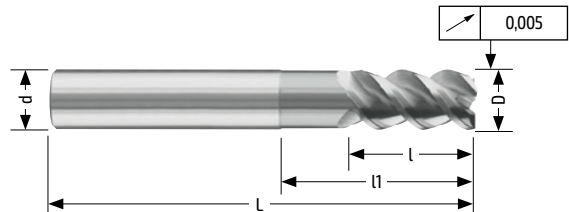
Fresa 2 taglienti serie normale per alluminio
2 flute end mill for aluminium, regular version
Fräser zwei Schneiden normale Serie für Aluminium
Fraise à 2 dents pour alu, série normale



90°	D h6	d h6	L	l ap	l1	a	Z	810	810W
	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 finitura di alluminio
3 flute end mill for aluminium finishing, regular version
Schaftfräser drei Schneiden normale Serie für die Aluminiumveredelung
Fraise à 3 dents pour finition aluminium, série normale



90°	D h6	d h6	L	l ap	l1	a	Z	812	812W
	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

P Acciaio Steel Stahl Acier	M Acciaio Inox Stainless Steel Nichtrostend Acier inoxydable	K Ghisa Cast Iron Gusseisen Fonte	N Leghe di Alluminio Aluminium Alloys Aluminiumlegierungen Alliages d'aluminium	S HRSA - Titanio HRSA - Titanium HRSA - Titan HRSA - Titane	H Acciai Temprati Hardened Steels Gehärtete Stähle Aciers trempés	O Non ISO Not ISO Nicht ISO Non - ISO	Raccomandato Recommended Empfohlen Recommandé	Adatto Suitable Geeignet Adapté
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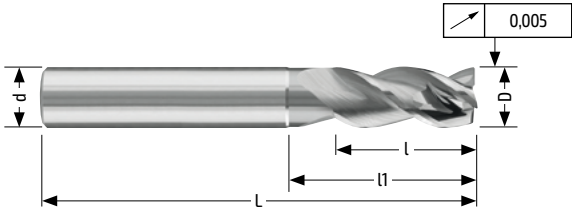


Scansiona il Qr-code per consultare i parametri di lavoro.
Scan the Qr-code to view the working parameters.
Scannen Sie den QR-Code, um die Schnittwerte anzuzeigen.
Scannez le code Qr pour visualiser les paramètres de fonctionnement.



813 | 813W

Fresa a 3 taglienti serie normale
per alluminio con divisione irregolare
3 flute end mill with unequal flute spacing regular version
Schaftfräser drei Schnneiden normale Serie
mit unregelmäßiger Teilung für Aluminium
Fraise à 3 dents à pas décalé pour usinage auminium, série normale



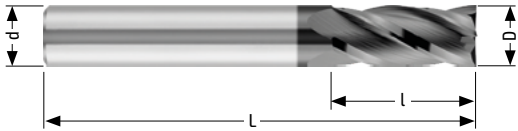
45°	D	d	L	l	l1	a	45°	Z	813	813W
	h6	h6		ap			+0,05/+0			
	3,0	6	57	8	-	-	0,05	3	813 D.3	813SW D.3
	4,0	6	57	11	-	-	0,05	3	813 D.4	813SW D.4
	5,0	6	57	13	-	-	0,10	3	813 D.5	813SW D.5
	6,0	6	57	13	20	0,15	0,10	3	813 D.6	813SW D.6
	8,0	8	63	19	25	0,15	0,15	3	813 D.8	813SW D.8
	10,0	10	72	22	30	0,15	0,20	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

Multi applicazioni

Multi applications / Mehrzweckanwendung / Fraises multi-applications

856S | 856SW

Fresa 4 taglienti serie normale
4 flute end mill regular version
Schaftfräser vier Schnneiden normale Serie
Fraise à 4 dents, série normale



90°	D	d	L	l	Cr	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

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
	14,0	14	83	26	1,50	4	856S D.14 CR15	856SW D.14 CR15
	16,0	16	92	32	1,50	4	856S D.16 CR15	856SW D.16 CR15
	18,0	18	92	32	1,50	4	856S D.18 CR15	856SW D.18 CR15
	20,0	20	104	38	2,00	4	856S D.20 CR20	856SW D.20 CR20

P Acciaio Steel Stahl Acier	M Acciaio Inox Stainless Steel Nichtrostend Acier inoxydable	K Ghisa Cast Iron Gusseisen Fonte	N Leghe di Alluminio Aluminium Alloys Aluminiumlegierungen Alliages d'aluminium	S HRSA - Titanio HRSA - Titanium HRSA - Titan HRSA - Titane	H Acciai Temprati Hardened Steels Gehärtete Stähle Aciers trempés	O Non ISO Not ISO Nicht ISO Non - ISO	 Raccomandato Recommended Empfohlen Recommandé	 Adatto Suitable Geeignet Adapté
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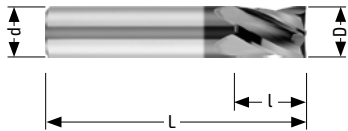


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Scannez le code Qr pour visualiser les paramètres de fonctionnement.



829S

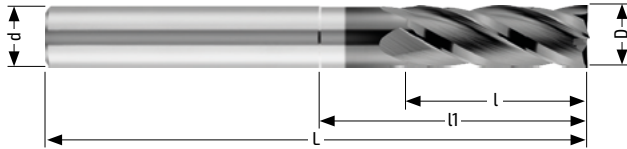
Fresa 4 taglienti serie extra corta
4 flute end mill extra short version
Schaftfräser vier Schneiden extra kurz
Fraise à 4 dents, série extra courte



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
	12,0	12	63	14	4	829S D.12

859S | 859SW

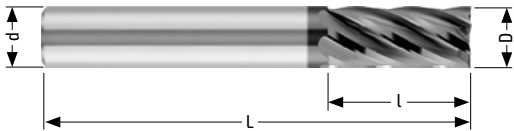
Fresa 4 taglienti serie lunga
4 flute end mill long version
Schaftfräser vier Schneiden lange Ausführung
Fraise à 4 dents, série longue



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

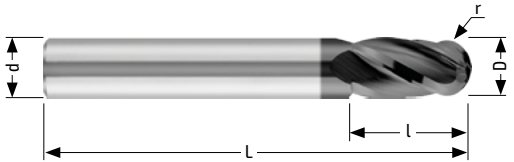
Fresa 6 taglienti serie normale
6 flute end mill regular version
Schaftfräser sechs Schneiden normale Serie
Fraise à 6 dents, série normale



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
Halbkugelförmiger Schaftfräser vier Schneiden normale Serie
Fraise hémisphérique à 4 dents, série normale



	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

P

Acciaio
Steel
Stahl
Acier

M

Acciaio Inox
Stainless Steel
Nichtrostend
Acier inoxydable

K

Ghisa
Cast Iron
Gusseisen
Fonte

N

Leghe di Alluminio
Aluminium Alloys
Aluminiumlegierungen
Alliages d'aluminium

S

HRSA - Titanio
HRSA - Titanium
HRSA - Titan
HRSA - Titane

H

Acciai Temprati
Hardened Steels
Gehärtete Stähle
Aciers trempés

O

Non ISO
Not ISO
Nicht ISO
Non - ISO



Raccomandato
Recommended
Empfohlen
Recommandé



Adatto
Suitable
Geeignet
Adapté



Scansiona il Qr-code per consultare i parametri di lavoro.
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829S



859S/859SW



861S/861SW

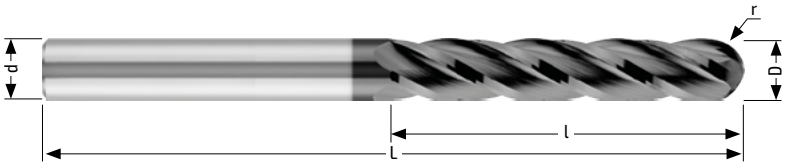


866S/866SW



883S | 883SW

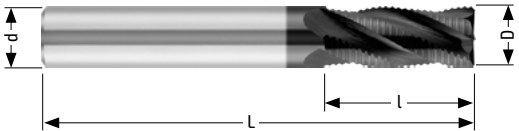
Fresa 4 taglienti semisferica serie lunga
4 flute ball nose end mill long version
Halbkugelförmiger Schaftfräser vier Schneiden lange Ausführung
Fraise hémisphérique à 4 dents, série longue



	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

871S | 871SW

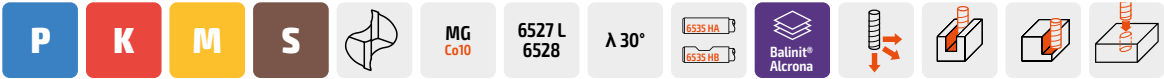
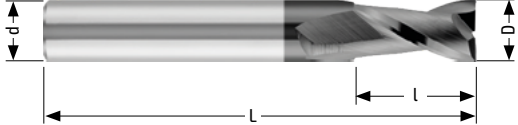
Fresa a sgrossare 4 taglienti serie normale con rompitruciolo
4 flute roughing end mill with chip breaker regular version
Schrupfräser mit vier Schneiden normale Serie und Spanbrecher
Fraise ébauche à 4 dents avec brise copeaux série normale



	D h11	d h6	L	l ap	45° +/-0,3	Z	871S 	871SW 
	4,0	6	57	13	0,40	4	871S D. 4	871SW D. 4
	4,5	6	57	13	0,40	4	871S D. 4,5	871SW D. 4,5
	5,0	6	57	13	0,50	4	871S D. 5	871SW D. 5
	5,5	6	57	13	0,50	4	871S D. 5,5	871SW D. 5,5
	6,0	6	57	13	0,50	4	871S D. 6	871SW D. 6
	7,0	7	60	16	0,50	4	871S D. 7	-
	8,0	8	63	19	0,50	4	871S D. 8	871SW D. 8
	9,0	9	67	19	0,50	4	871S D. 9	-
	10,0	10	72	22	0,50	4	871S D. 10	871SW D. 10
	11,0	11	83	26	0,50	4	871S D. 11	-
	12,0	12	83	26	0,50	4	871S D. 12	871SW D. 12
	13,0	13	83	26	0,60	4	871S D. 13	-
	14,0	14	83	26	0,60	4	871S D. 14	871SW D. 14
	15,0	15	92	32	0,60	4	871S D. 15	-
	16,0	16	92	32	0,60	4	871S D. 16	871SW D. 16
	18,0	18	92	32	0,60	4	871S D. 18	871SW D. 18
	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
Schaftfräser zwei Schneiden normale Serie
Fraise à 2 dents, série normale



	D h10	d h6	L	l ap	Cr	Z	806S 	806SW 
	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

	D h10	d h6	L	l ap	Cr	Z	806CR 	806CRW 
	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
	14,0	14	83	22	1,50	2	806S D. 14 CR15	806SW D. 14 CR15
	16,0	16	92	26	1,50	2	806S D. 16 CR15	806SW D. 16 CR15
	18,0	18	92	26	1,50	2	806S D. 18 CR15	806SW D. 18 CR15
	20,0	20	104	32	2,00	2	806S D. 20 CR20	806SW D. 20 CR20

P Acciaio
Steel
Stahl
Acier

M Acciaio Inox
Stainless Steel
Nichtrostend
Acier inoxydable

K Ghisa
Cast Iron
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N Leghe di Alluminio
Aluminium Alloys
Aluminiumlegierungen
Alliages d'aluminium

S HRSA - Titanio
HRSA - Titanium
HRSA - Titan

H Acciai Temprati
Hardened Steels
Gehärtete Stähle
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O Non ISO
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 Raccomandato
Recommended
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 Adatto
Suitable
Geeignet
Adapté



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Scannen Sie den QR-Code, um die Schnittwerte anzuzeigen.
Scannez le code Qr pour visualiser les paramètres de fonctionnement.

883S/883SW



871S/871SW

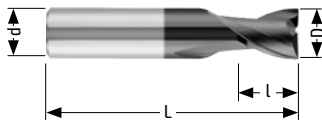


806S/806SW



821S

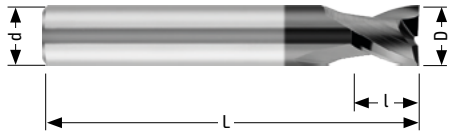
Fresa 2 taglienti serie extra corta
2 flute end mill, extra short version
Schaftfräser zwei Schneiden extra kurz
Fraise à 2 dents, série extra courte



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
	12,0	12	63	12	2	821S D.12

801S | 801SW

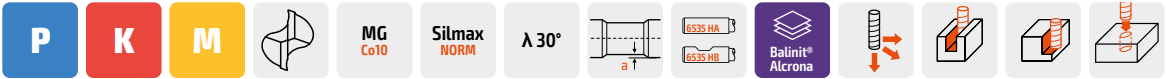
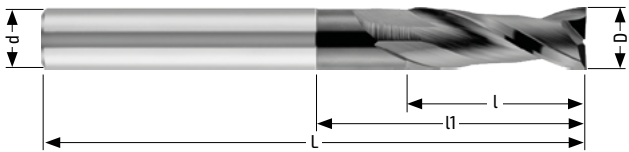
Fresa 2 taglienti serie corta per sedi di chiavetta
2 flute key slot end mill, short version
Schaftfräser zwei Schneiden extra kurz für Passfedernuten
Fraise à 2 dents, série courte, pour logement de clavettes



90°	D e8	d h6	L	l ap	Z	801S	801SW
	2,0	6	50	3	2	801S D.2	801SW D.2
	2,5	6	50	3	2	801S D.2,5	801SW D.2,5
	3,0	6	50	4	2	801S D.3	801SW D.3
	3,5	6	50	4	2	801S D.3,5	801SW D.3,5
	4,0	6	54	5	2	801S D.4	801SW D.4
	4,5	6	54	5	2	801S D.4,5	801SW D.4,5
	5,0	6	54	6	2	801S D.5	801SW D.5
	5,5	6	54	6	2	801S D.5,5	801SW D.5,5
	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
	15,0	16	82	16	2	801S D.15	801SW D.15
	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

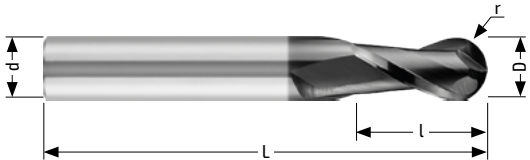
Fresa 2 taglienti serie media
2 flute end mill medium version
Schaftfräser zwei Schneiden mittlere Serie
Fraise à 2 dents, série moyenne



90°	D h10	d h6	L	l ap	l1	a	Z	879S	879SW
	3,0	3	62	14	-	-	2	879S D.3	-
	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
Halbkugelförmiger Schaftfräser zwei Schneiden normale Serie
Fraise hémisphérique à 2 dents, série normale



90°	D h10	d h6	L	l ap	r	Z	816S	816SW
	4,0	4	50	8	2,0	2	816S D.4	-
	5,0	5	50	10	2,5	2	816S D.5	-
	6,0	6	57	10	3,0	2	816S D.6	816SW D.6
	8,0	8	63	16	4,0	2	816S D.8	816SW D.8
	10,0	10	72	19	5,0	2	816S D.10	816SW D.10
	12,0	12	83	22	6,0	2	816S D.12	816SW D.12
	14,0	14	83	22	7,0	2	816S D.14	816SW D.14
	16,0	16	92	26	8,0	2	816S D.16	816SW D.16
	20,0	20	104	32	10,0	2	816S D.20	816SW D.20

P Acciaio
Steel
Stahl
Acier

M Acciaio Inox
Stainless Steel
Nichtrostend
Acier inoxydable

K Ghisa
Cast Iron
Gusseisen
Fonte

N Leghe di Alluminio
Aluminium Alloys
Aluminiumlegierungen
Alliages d'aluminium

S HRSA - Titanio
HRSA - Titanium
HRSA - Titan

H Acciai Temprati
Hardened Steels
Gehärtete Stähle
Aciers trempés

O Non ISO
Not ISO
Nicht ISO
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Raccomandato
Recommended
Empfohlen
Recommandé

Adatto
Suitable
Geeignet
Adapté

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Scannez le code Qr pour visualiser les paramètres de fonctionnement.

821S

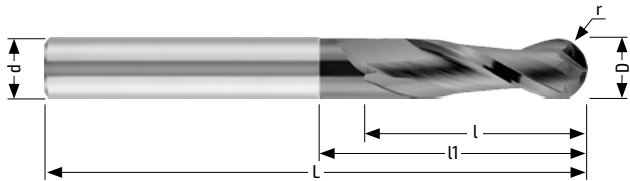
801S/801SW

879S/879SW

816S/816SW

881S | 881SW

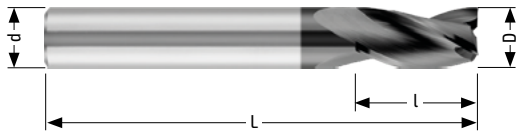
Fresa 2 taglienti serie media semisferica
2 flute ball nose end mill medium version
Halbkugelförmiger Schaftfräser zwei Schneiden mittlere Serie
Fraise hémispherique à 2 dents, série moyenne



	D h10	d h6	L	l ap	l1	a	r	Z	881S	881SW
	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

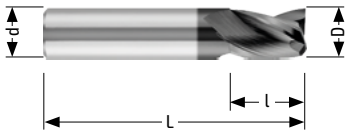
Fresa 3 taglienti serie normale
3 flute end mill regular version
Schaftfräser drei Schneiden normale Serie
Fraise à 3 dents, série normale



	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
	7,0	7	60	13	3	836S D.7	-
	8,0	8	63	16	3	836S D.8	836SW D.8
	9,0	9	67	16	3	836S D.9	-
	10,0	10	72	19	3	836S D.10	836SW D.10
	11,0	11	83	22	3	836S D.11	-
	12,0	12	83	22	3	836S D.12	836SW D.12
	13,0	13	83	22	3	836S D.13	-
	14,0	14	83	22	3	836S D.14	836SW D.14
	15,0	15	92	26	3	836S D.15	-
	16,0	16	92	26	3	836S D.16	836SW D.16
	18,0	18	92	26	3	836S D.18	836SW D.18
	20,0	20	104	32	3	836S D.20	836SW D.20

826S

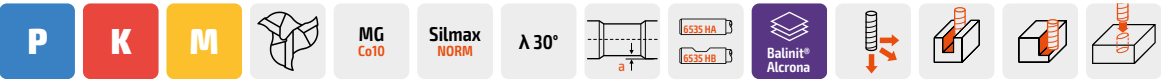
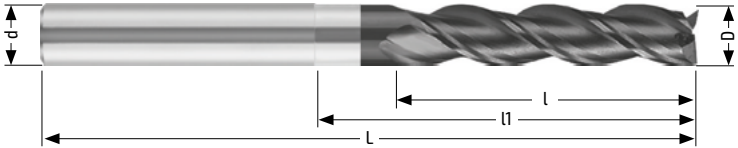
Fresa 3 taglienti serie extra corta
3 flute end mill extra short version
Schaftfräser drei Schneiden extra kurz
Fraise à 3 dents, série extra courte



	D h10	d h6	L	l ap	Z	826S
	2,0	6	38	4	3	826S D.2
	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
	12,0	12	63	14	3	826S D.12

876S | 876SW

Fresa 3 taglienti serie lunga
3 flute end mill long version
Schaftfräser drei Schneiden lange Ausführung
Fraise à 3 dents, série longue



	D h10	d h6	L	l ap	l1	a	Z	876S	876SW
	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

P Acciaio
Steel
Stahl
Acier

M Acciaio Inox
Stainless Steel
Nichtrostend
Acier inoxydable

K Ghisa
Cast Iron
Gusseisen
Fonte

N Leghe di Alluminio
Aluminium Alloys
Aluminiumlegierungen
Alliages d'aluminium

S HRSA - Titanio
HRSA - Titanium
HRSA - Titan

H Acciai Temprati
Hardened Steels
Gehärtete Stähle
Aciers trempés

O Non ISO
Not ISO
Nicht ISO
Non - ISO

Raccomandato
Recommended
Empfohlen
Recommandé

Adatto
Suitable
Geeignet
Adapté

Scansiona il Qr-code per consultare i parametri di lavoro.
Scan the Qr-code to view the working parameters.
Scannen Sie den QR-Code, um die Schnittwerte anzuzeigen.
Scannez le code Qr pour visualiser les paramètres de fonctionnement.

881S/881SW

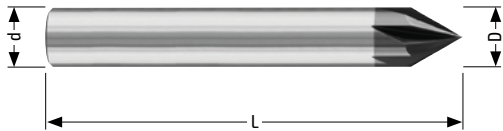
836S/836SW

826S

876S/876SW

841S | 841SW

Fresa per smussi 60°
End mill for chamfer 60°
60° Fas- und Entgratfräser
Fraise à chanfrein 60°



P

K

M

MG
Co10

6527 L
6528

λ 0°

6525 HA
6525 HR

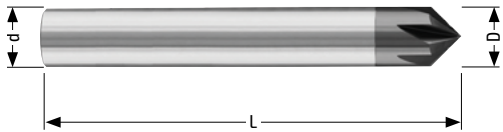
Balinit®
Alcrona

	D h6	d h6	L	Z	841S	841SW
	3,0	4	50	4	841S D.3	-
	4,0	4	50	4	841S D.4	-
	6,0	6	57	6	-	841SW D.6
	8,0	8	63	6	-	841SW D.8
	10,0	10	72	6	-	841SW D.10
	12,0	12	83	6	-	841SW D.12
	16,0*	16	92	6	-	841SW D.16
	20,0*	20	104	6	-	841SW D.20

(*) Diametri mm 16,00 e 20,00 solo a richiesta / Diameters mm 16,00 and 20,00 only upon request
Durchmesser 16mm und 20mm nur auf Anfrage / Diamètres mm 16.00 et 20.00 uniquement sur demande.

842S | 842SW

Fresa per smussi 90°
End mill for chamfer 90°
90° Fas- und Entgratfräser
Fraise à chanfrein 90°



P

K

M

MG
Co10

6527 L
6528

λ 0°

6525 HA
6525 HR

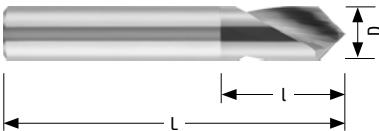
Balinit®
Alcrona

	D h6	d h6	L	Z	842S	842SW
	3,0	4	50	4	842S D.3	-
	4,0	4	50	4	842S D.4	-
	6,0	6	57	6	-	842SW D.6
	8,0	8	63	6	-	842SW D.8
	10,0	10	72	6	-	842SW D.10
	12,0	12	83	6	-	842SW D.12
	16,0*	16	92	6	-	842SW D.16
	20,0*	20	104	6	-	842SW D.20

(*) Diametri mm 16,00 e 20,00 solo a richiesta / Diameters mm 16,00 and 20,00 only upon request
Durchmesser 16mm und 20mm nur auf Anfrage / Diamètres mm 16.00 et 20.00 uniquement sur demande.

843S

Punta a centrare
Center drill
Zentrierbohrer
Foret à centrer



P

K

M

N

S

MG
Co10

ISO
10898

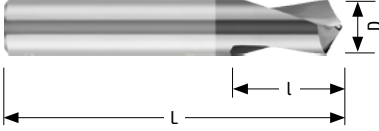
λ 20°

Balinit®
Alcrona

	D h6	L	l ap	Z	843S
	3,0	45	10	2	843S D.3
	4,0	50	12	2	843S D.4
	5,0	50	15	2	843S D.5
	6,0	50	18	2	843S D.6
	8,0	64	23	2	843S D.8
	10,0	67	24	2	843S D.10
	12,0	74	24	2	843S D.12
	16,0	92	32	2	843S D.16

844S

Punta a centrare
Center drill
Zentrierbohrer
Foret à centrer



P

K

M

N

S

MG
Co10

ISO
10898

λ 20°

Balinit®
Alcrona

	D h6	L	l ap	Z	844S
	3,0	45	10	2	844S D.3
	4,0	50	12	2	844S D.4
	5,0	50	15	2	844S D.5
	6,0	50	18	2	844S D.6
	8,0	64	23	2	844S D.8
	10,0	67	24	2	844S D.10
	12,0	74	24	2	844S D.12

P

Acciaio
Steel
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Acciaio Inox
Stainless Steel
Nichtrostend
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N

Leghe di Alluminio
Aluminium Alloys
Aluminiumlegierungen
Alliages d'aluminium

S

HRSA - Titanio
HRSA - Titanium
HRSA - Titan
HRSA - Titane

H

Acciai Temprati
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841S/841SW

842S/842SW

843S

844S

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