

SILMAX®



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.

Guida selezione utensile

Tool selection guide

Anleitung zur Werkzeugauswahl

Guide pour la sélection de l'outil

Alte Prestazioni / High Performance
Hochleistung / Hautes performances

Codice
Code

Ø
(D mm)

Z

P

P

K

M

M

S

N

	895S 895SW	3,0 ÷ 20,0	4	●	-	-	
	897S 897SW	4,0 ÷ 16,0	4	●	-	-	
	893S 893SW	4,0 ÷ 20,0	4	●	-	-	
	892SK 892SKW	3,0 ÷ 20,0	4	●	-	-	
	892S 892SW	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	-	●	-	

Frese Micro / Micro Tools
Mikrofräser / Micro Fraises

	808S	1,0 ÷ 5,0	2	●	●	-	
	838S	1,0 ÷ 5,0	3	●	-	-	
	858S	2,0 ÷ 5,0	4	●	-	-	
	816S	1,0 ÷ 4,0	2	●	●	-	

Alluminio / Aluminium
Fräser für Aluminium / Fraises pour l'aluminium

	810 810W	2,0 ÷ 20,0	2	-	-	●	
	812 812W	4,0 ÷ 20,0	3/4	-	-	●	
	813 813W	3,0 ÷ 20,0	3	-	-	●	

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.

	Cava Slotting Nutenfräsen Rainurage	Contornatura Side and face milling Seiten- und Stirnfräsen Contournage	Copiatra 3D 3D Copy milling Profilfräsen Copiage 3D	Trochoidale Trochoidal Trochoidales Fräsen Fraisage trochoidal	Assiale Plunging Tauchen Plongée	Rampa Ramp milling Rampefräsen Ramping	Smussatura Chamfering Fasen Chanfreinage	Interpolazione elicoidale Helical interpolation Helixinterpolation Interpolation hélicoïdale	
									6
	●	●	-	●	-	●	-	●	6
	●	●	-	-	-	●	-	●	7
	●	●	-	●	-	●	-	●	7
	●	●	-	●	-	●	-	●	8
	●	●	-	●	-	●	-	●	9
	●	●	-	●	-	●	-	●	9
	●	●	-	●	-	●	-	●	10
	●	●	-	●	-	●	-	●	11
									12
	●	●	-	-	●	-	-	●	12
	●	●	-	-	●	-	-	●	13
	-	●	-	-	-	-	-	●	13
	-	-	●	-	-	-	-	●	14
									15
	●	●	-	-	●	●	-	●	15
	-	●	-	-	-	-	-	-	15
	●	●	-	●	●	●	-	●	16

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
CodeØ
(D mm)

Z

P

P

K

M

M

S

N

	856S 856SW	2,0 ÷ 20,0	4	●	-	-
	856CR 856CRW	2,0 ÷ 20,0	4	●	-	-
	829S	2,0 ÷ 12,0	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	●	●	-
	871S 871SW	4,0 ÷ 20,0	4	●	-	-
	806S 806SW	2,0 ÷ 20,0	2	●	●	-
	806CR 806CRW	2,0 ÷ 20,0	2	●	●	-
	821S	2,0 ÷ 12,0	2	●	-	-
	801S 801SW	2,0 ÷ 20,0	2	●	-	-
	879S 879SW	3,0 ÷ 16,0	2	●	-	-
	816S 816SW	4,0 ÷ 20,0	2	●	●	-
	881S 881SW	4,0 ÷ 16,0	2	●	●	-
	836S 836SW	2,0 ÷ 20,0	3	●	-	-
	826S	2,0 ÷ 12,0	3	●	-	-
	876S 876SW	4,0 ÷ 16,0	3	●	-	-
	841S 841SW	3,0 ÷ 20,0	4/6	●	-	-
	842S 842SW	3,0 ÷ 20,0	4/6	●	-	-
	843S	3,0 ÷ 16,0	2	●	●	●
	844S	3,0 ÷ 12,0	2	●	●	●

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

	Cava Slotting Nutenfräsen Rainurage 	Contornatura Side and face milling Seiten- und Stirnfräsen Contournage 	Copiatura 3D 3D Copy milling Profilfräsen Copiage 3D 	Trocodile Trochoidal Trochoidales Fräsen Fraisage trochoidal 	Assiale Plunging Tauchen Plongée 	Rampa Ramp milling Rampenfräsen Ramping 	Smussatura Chamfering Fasen Chanfreinage 	Interpolazione elicoidale Helical interpolation Helixinterpolation Interpolation hélicoidale 	
-	•	-	-	-	-	-	-	-	17
-	•	•	-	-	-	-	-	-	17
•	•	•	-	-	-	-	-	-	18
-	•	•	-	-	-	-	-	-	18
-	•	•	-	-	-	-	-	-	19
-	-	-	•	-	-	-	-	-	19
-	-	-	•	-	-	-	-	-	20
-	•	•	-	-	-	-	-	-	20
•	•	•	-	-	•	-	-	-	21
•	•	•	-	-	•	-	-	-	21
•	-	-	-	-	•	-	-	-	22
•	-	-	-	-	•	-	-	-	22
•	•	•	-	-	•	-	-	-	23
-	-	-	•	-	-	-	-	-	23
-	-	-	•	-	-	-	-	-	24
•	•	•	-	-	•	-	-	-	24
•	•	•	-	-	•	-	-	-	25
•	•	•	-	-	•	-	-	-	25
-	-	-	-	-	-	-	•	-	26
-	-	-	-	-	-	-	•	-	26
-	-	-	-	-	•	-	-	-	27
-	-	-	-	-	•	-	-	-	27



Scansiona il codice QR per scaricare la versione digitale.
Scan QR code to download the digital version.
Scannen Sie den QR-Code, um die digitale Version herunterzuladen.
Scannez le code QR pour télécharger la version numérique.



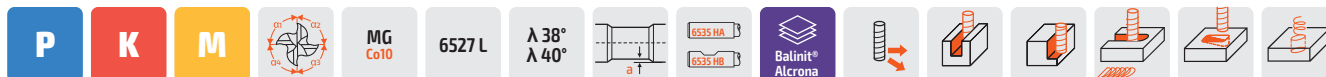
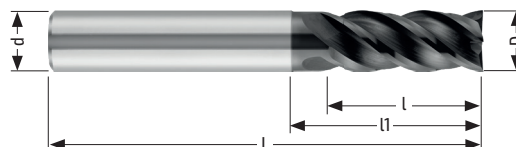
Scansiona il codice QR per la legenda dei simboli.
Scan the QR code for symbol legend.
Scannen Sie den QR-Code, um die Legende des Symbols zu erhalten.
Scannez le code QR pour obtenir la légende du symbole.

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
Schaftfräser 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



Acciaio
Steel
Stahl
Acier



Acciaio Inox
Stainless Steel
Nichtrostend
Acier inoxydable



Ghisa
Cast Iron
Gusseisen
Fonte



Leghe di Alluminio
Aluminium Alloys
Aluminiumlegierungen
Alliages d'aluminium



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



Acciai Temprati
Hardened Steels
Gehärtete Stähle
Aciers trempés



Non ISO
Not ISO
Nicht ISO
Non - ISO



Raccomandato
Recommended
Empfohlen
Recommandé



Adatto
Suitable
Geeignet
Adapté

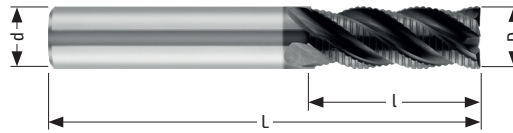
897S | 897SW

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

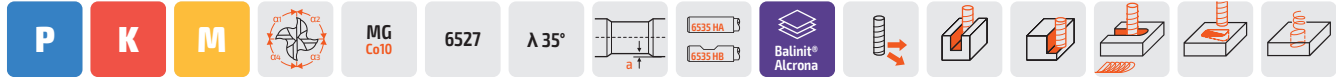
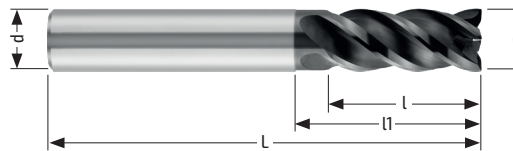
Fresa universale a 4 taglienti con divisione irregolare adatta per la fresatura in rampa

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



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



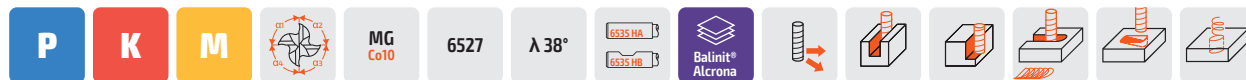
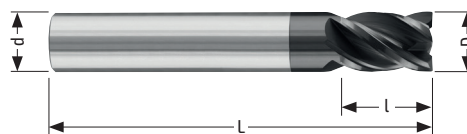
892SK | 892SKW

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 h10	d h6	L	l ap	45° +0,05/+0	Z	892SK	892SKW
	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 h10	d h6	L	l ap		Z	892SKX	892SKXW
	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



Acciaio
Steel
Stahl
Acier



Acciaio Inox
Stainless Steel
Nichtrostend
Acier inoxydable



Ghisa
Cast Iron
Gusseisen
Fonte



Leghe di Alluminio
Aluminium Alloys
Aluminiumlegierungen
Alliages d'aluminium



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



Acciai Temprati
Hardened Steels
Gehärtete Stähle
Aciers trempés



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.

892SK/892SKW



892SL/892SLW



892S/892SW



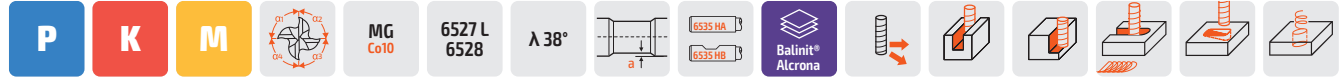
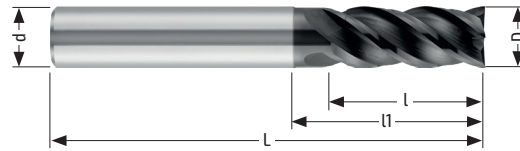
892S | 892SW

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 h10	d h6	L	l ap	l1	a	45° +0,05/+0	Z	892S	892SW
	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 h10	d h6	L	l ap	l1	a		Z	892SX	892SXW
	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

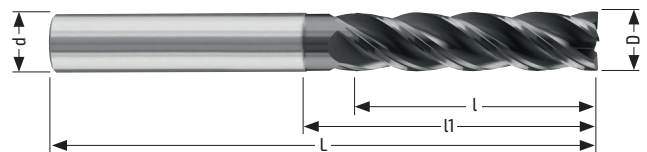
892SL | 892SLW

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 h10	d h6	L	l ap	l1	a	45° +0,05/+0	Z	892SL	892SLW
	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

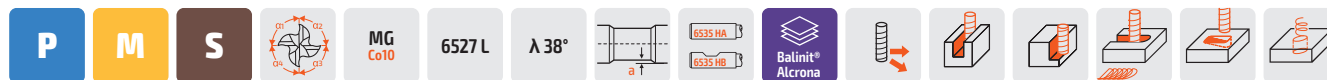
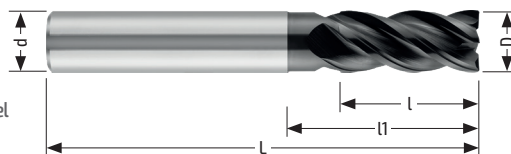
894S | 894SW

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



Acciaio
Steel
Stahl
Acier



Acciaio Inox
Stainless Steel
Nichtrostend
Acier inoxydable



Ghisa
Cast Iron
Gusseisen
Fonte



Leghe di Alluminio
Aluminium Alloys
Aluminiumlegierungen
Alliages d'aluminium



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



Acciai Temprati
Hardened Steels
Gehärtete Stähle
Aciers trempés



Non ISO
Not ISO
Nicht ISO
Non - ISO



Raccomandato
Recommended
Empfohlen
Recommandé



Adatto
Suitable
Geeignet
Adapté

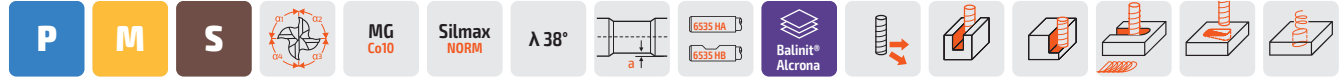
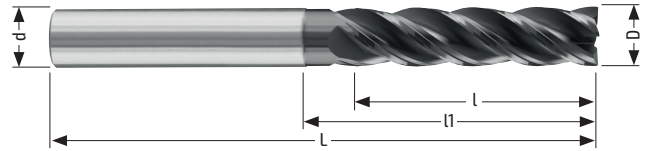
894SL | 894SLW

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



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Scannez le code Qr pour visualiser les paramètres de fonctionnement.

894S/894SW



894SL/894SLW



Frese micro

Micro tools / Mikrofräser / Micro fraises

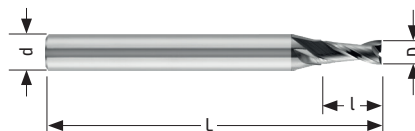
808S

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 série normale



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



Acciaio
Steel
Stahl
Acier



Acciaio Inox
Stainless Steel
Nichtrostend
Acier inoxydable



Ghisa
Cast Iron
Gusseisen
Fonte



Leghe di Alluminio
Aluminium Alloys
Aluminiumlegierungen
Alliages d'aluminium



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



Acciai Temprati
Hardened Steels
Gehärtete Stähle
Aciers trempés



Non ISO
Not ISO
Nicht ISO
Non - ISO



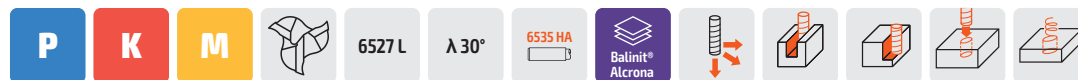
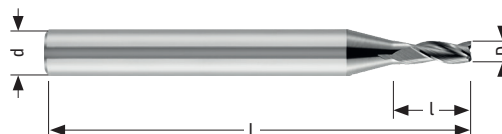
Raccomandato
Recommended
Empfohlen
Recommandé



Adatto
Suitable
Geeignet
Adapté

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



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



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



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

808S



838S

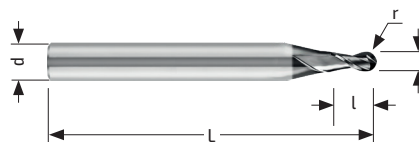


858S



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



Acciaio
Steel
Stahl
Acier



Acciaio Inox
Stainless Steel
Nichtrostend
Acier inoxydable



Ghisa
Cast Iron
Gusseisen
Fonte



Leghe di Alluminio
Aluminium Alloys
Aluminiumlegierungen
Alliages d'aluminium



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



Acciai Temprati
Hardened Steels
Gehärtete Stähle
Aciers trempés



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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 Scannez le code Qr pour visualiser les paramètres de fonctionnement.

816S



810/810W



812/812W



Alluminio

Aluminium / Fräser für Aluminium / Fraises pour l'aluminium

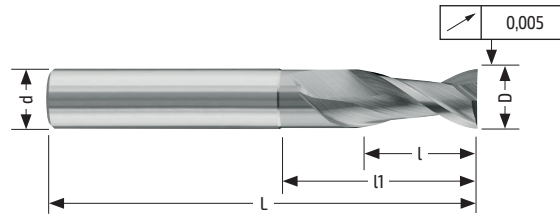
810 | 810W

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

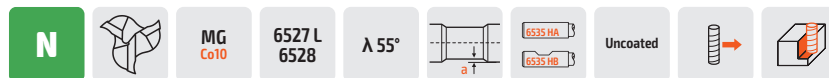
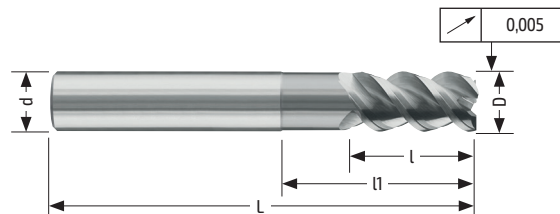
812 | 812W

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

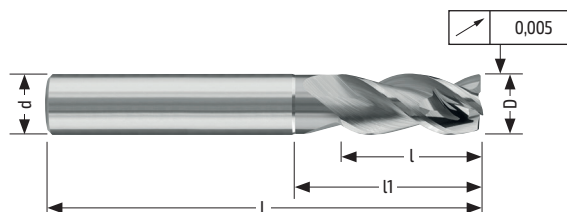
813 | 813W

Fresa a 3 taglienti serie normale
per alluminio con divisione irregolare

3 flute end mill with unequal flute spacing regular version

Schaftfräser drei Schneiden normale Serie
mit unregelmäßiger Teilung für Aluminium

Fraise à 3 dents à pas décalé pour usinage aluminium, série normale



45°	D h6	d h6	L	l ap	l1	a	45° +0,05/+0	Z	813	813W
	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

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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Scannez le code Qr pour visualiser les paramètres de fonctionnement.

813

856S/856SW



Multi applicazioni

Multi applications / Mehrzweckanwendung / Fraises multi-applications

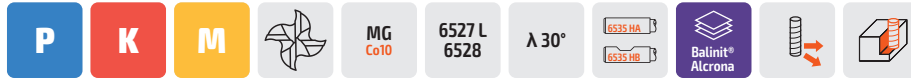
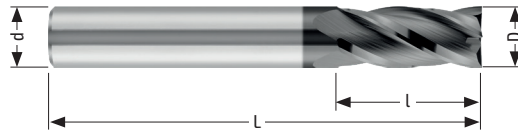
856S | 856SW

Fresa 4 taglienti serie normale

4 flute end mill regular version

Schaftfräser vier Schneiden normale Serie

Fraise à 4 dents, série normale



90°	D h10	d h6	L	l ap	Cr	Z	856S	856SW
	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 h10	d h6	L	l ap	Cr	Z	856CR	856CRW
	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

829S

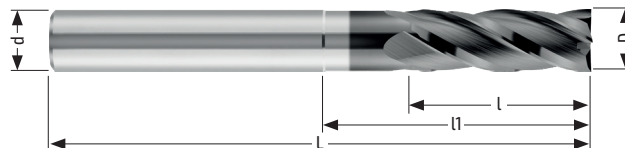
Fresa 4 taglienti serie extra corta
4 flute end mill extra short version
Schaftfräser vier Schneiden extra kurz
Fraise à 4 dents, série extra courte



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



Acciaio
Steel
Stahl
Acier



Acciaio Inox
Stainless Steel
Nichtrostend
Acier inoxydable



Ghisa
Cast Iron
Gusseisen
Fonte



Leghe di Alluminio
Aluminium Alloys
Aluminiumlegierungen
Alliages d'aluminium



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



Acciai Temprati
Hardened Steels
Gehärtete Stähle
Aciers trempés



Non ISO
Not ISO
Nicht ISO
Non - ISO



Raccomandato
Recommended
Empfohlen
Recommandé



Adatto
Suitable
Geeignet
Adapté

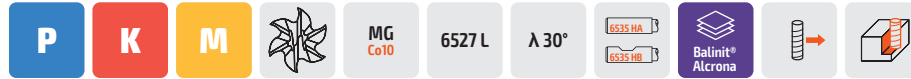
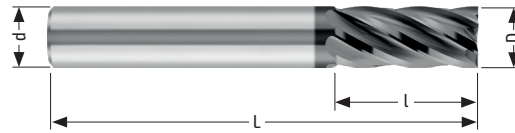
861S | 861SW

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

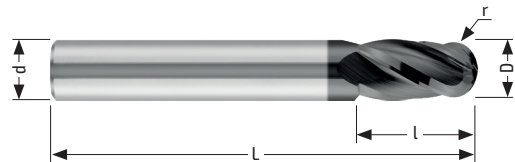
866S | 866SW

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



U	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



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.

829S



859S/859SW



861S/861SW



866S/866SW



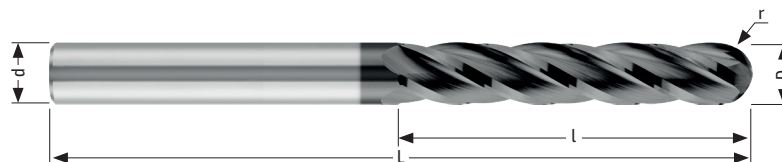
883S | 883SW

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

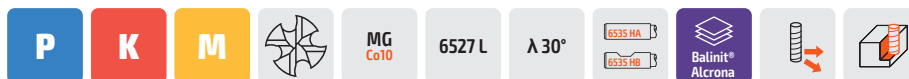
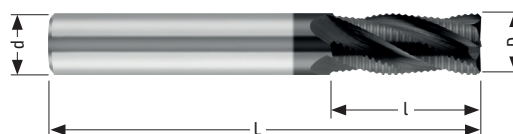
871S | 871SW

Fresa a sgrossare 4 taglienti serie normale con rompitrucciolo

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



Acciaio
Steel
Stahl
Acier



Acciaio Inox
Stainless Steel
Nichtrostend
Acier inoxydable



Ghisa
Cast Iron
Gusseisen
Fonte



Leghe di Alluminio
Aluminium Alloys
Aluminiumlegierungen
Alliages d'aluminium



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



Acciai Temprati
Hardened Steels
Gehärtete Stähle
Aciers trempés



Non ISO
Not ISO
Nicht ISO
Non - ISO



Raccomandato
Recommended
Empfohlen
Recommandé



Adatto
Suitable
Geeignet
Adapté

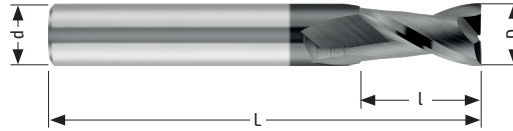
806S | 806SW

Fresa 2 taglienti serie normale

2 flute end mill regular version

Schaftfräser zwei Schneiden normale Serie

Fraise à 2 dents, série normale



90°	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

Cr	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



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8835/8835W



8715/8715W



806S/806SW



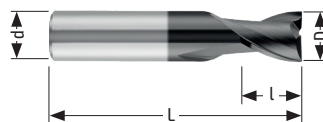
821S

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

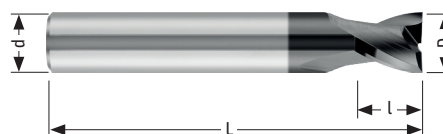
801S | 801SW

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



Acciaio
Steel
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Ghisa
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HRSA - Titanio
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Acciai Temprati
Hardened Steels
Gehärtete Stähle
Aciers trempés



Non ISO
Not ISO
Nicht ISO
Non - ISO



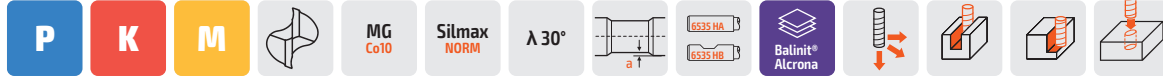
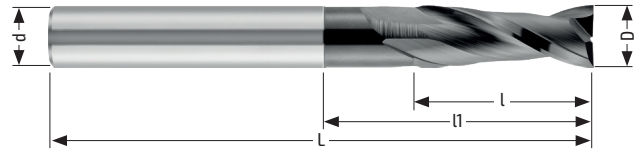
Raccomandato
Recommended
Empfohlen
Recommandé



Adatto
Suitable
Geegnet
Adapté

879S | 879SW

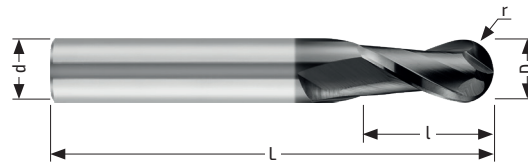
Fresa 2 taglienti serie media
2 flute end mill medium version
Schaftfräser zwei Schneiden mittlere Serie
Fraise à 2 dents, série moyenne



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



	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



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.

821S



801S/801SW



879S/879SW



816S/816SW



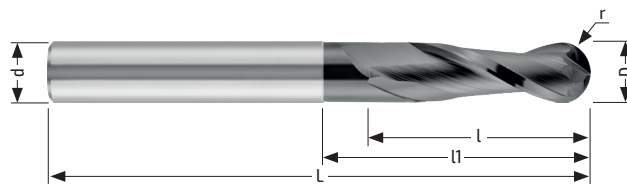
881S | 881SW

Fresa 2 taglienti serie media semisferica

2 flute ball nose end mill medium version

Halbkugelförmiger Schaftfräser zwei Schneiden mittlere Serie

Fraise hémisphérique 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

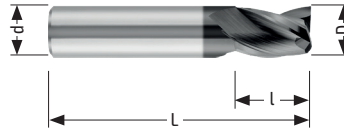


	D h10	d h6	L	l ap	Z	836S	836SW
	2,0	4	50	5	3	836S D.2	-
	3,0	4	50	7	3	836S D.3	-
	4,0	4	50	8	3	836S D.4	-
	5,0	5	50	10	3	836S D.5	-
	6,0	6	57	10	3	836S D.6	836SW D.6
	7,0	7	60	13	3	836S D.7	-
	8,0	8	63	16	3	836S D.8	836SW D.8
	9,0	9	67	16	3	836S D.9	-
	10,0	10	72	19	3	836S D.10	836SW D.10
	11,0	11	83	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

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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826S

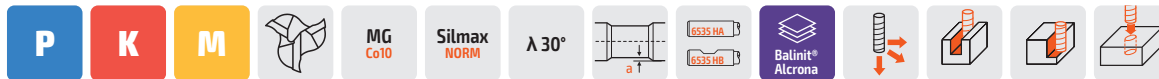
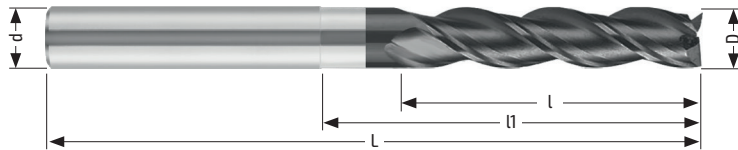
Fresa 3 taglienti serie extra corta
3 flute end mill extra short version
Schaftfräser drei Schneiden extra kurz
Fraise à 3 dents, série extra courte



90°	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



90°	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



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



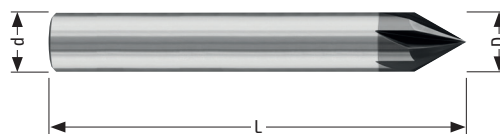
841S | 841SW

Fresa per smussi 60°

End mill for chamfer 60°

60° Fas- und Entgratfräser

Fraise à chanfrein 60°



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.

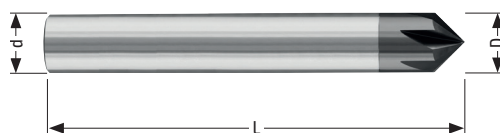
842S | 842SW

Fresa per smussi 90°

End mill for chamfer 90°

90° Fas- und Entgratfräser

Fraise à chanfrein 90°



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

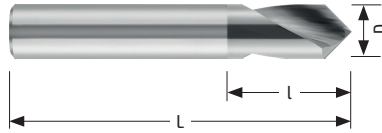
(*) Diametri mm 16,00 e 20,00 solo a richiesta / Diameters mm 16,00 and 20,00 only upon request

Durchmesser 16mm und 20mm nur auf Anfrage / Diamètres mm 16.00 et 20.00 uniquement sur demande.

Acciaio
Steel
Stahl
AcierAcciaio Inox
Stainless Steel
Nichtrostend
Acier inoxydableGhisa
Cast Iron
Gusseisen
FonteLeghe di Alluminio
Aluminium Alloys
Aluminiumlegierungen
Alliages d'aluminiumHRSA - Titanio
HRSA - Titanium
HRSA - Titan
HRSA - TitaneAcciai Temprati
Hardened Steels
Gehärtete Stähle
Aciers trempésNon ISO
Not ISO
Nicht ISO
Non - ISORaccomandato
Recommended
Empfohlen
RecommandéAdatto
Suitable
Geeignet
Adapté

843S

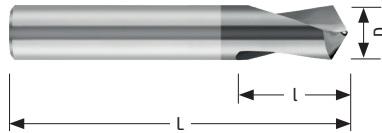
Punta a centrare
Center drill
Zentrierbohrer
Foret à centrer



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



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



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

841S/841SW



842S/842SW



843S



844S



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