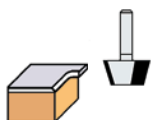


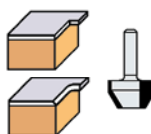
Fresas profesionales

Fresas cónicas



Ref.	D	L	Z	S	d	T	EXP
1140012	22	12	2	15°	6	MD	64
1140013	22	12	2	30°	6	MD	64/36
1140023	24	12	4	30°	6	MD	64

Fresas mixtas



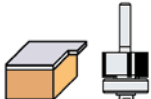
Ref.	D	L	Z	S	d	T	EXP
1140021	24	12	4 mixta	30°	6	MD	64
1040011	22	12	2 mixta	30°	6	MD	64/36

Fresa cónica



Ref.	D	L	Z	S	d	T	EXP
1140014	22	9	2	45°	6	MD	64/36

Fresa recta con rodamiento



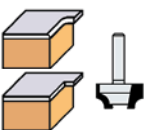
Ref.	D	L	Z	S	d	T	EXP
1140037	22	12	4	0°	6	MD	64/36

Fresa cónica con rodamiento



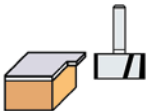
Ref.	D	L	Z	S	d	T	EXP
1140038	22	12	4	15°	6	MD	64

Fresa de radio



Ref.	D	L	Z	S	d	T	EXP
1140075	22	12	2	r:5	6	MD	64/36

Fresas rectas



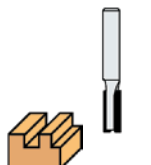
Ref.	D	L	Z	S	d	T	EXP
1140010	18	15	2	0°	6	MD	64/36
1140020	24	12	4	0°	6	MD	64

Fresa de perfilar y ranurar

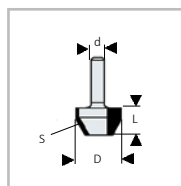


Ref.	D	L	Z	S	d	T	EXP
1140087	20	14	2	45°	8	MD	64/36

Fresas para ranurar



Ref.	D	L	Z	S	d	T	EXP
1130055	6	17	2	0°	8	AR	64
1130056	8	20	2	0°	8	AR	64
1130057	10	20	2	0°	8	AR	64



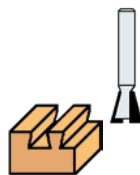
D: Diámetro fresa
L: Altura de corte
Z: N° de cortes
S: Perfil del lado
d: Diámetro de la caña (pinza)
T: AR= Acero rápido MD= Metal duro
EXP: Expositor en que va colocada

Fresas para ranurar



Ref.	D	L	Z	S	d	T	EXP
1130058	12	20	2	0°	8	AR	64
1130059	7,6	20	2	0°	8	AR	64
1140055	6	15	2	0°	8	MD	64/36
1140056	8	20	2	0°	8	MD	64/36
1140057	10	20	2	0°	8	MD	64/36
1140058	12	20	2	0°	8	MD	64/36
6040310	12	32	2	0°	8	MD	
1140059	7,6	20	2	0°	8	MD	64/36
1240024	12	10	2	0°	8	MD	64
1240025	13	10	2	0°	8	MD	64/36
1240026	14	10	2	0°	8	MD	64/36
1240027	15	10	2	0°	8	MD	64/36
1240028	16	10	2	0°	8	MD	64/36
1240029	17	10	2	0°	8	MD	64/36
1240030	18	10	2	0°	8	MD	64
1240031	19	10	2	0°	8	MD	64
1240032	20	10	2	0°	8	MD	64/36
1140257	10	32	2	0°	12	MD	33
1140258	12	32	2	0°	12	MD	33
1640258	12	35	3	0°	12	MD	33
1140259	14	32	2	0°	12	MD	33
1140260	16	32	2	0°	12	MD	33

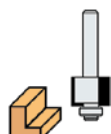
Fresas cola de milano



Para FR66P,
FR160P, FRE160P,
AS93+CA66F, FR277R y
FR278R
Marcadas con asterisco
únicamente para FR160P,
FRE160P y FRE317S

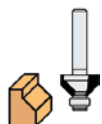
Ref.	Denominación	d	T	EXP
6040050	Cola milano Ø 15 mm (PL11 paso 26 mm)	8	MD	64/36
1140060	Perfil recto Ø 12 mm (PL11 paso 26 mm)	8	MD	64
5040119	Cola milano Ø 9,5 mm (PL11 paso 16 mm)	8	MD	64/36
5040120	Cola milano Ø 19 mm (PL11 paso 34 mm)	8	MD	64/36
6040053*	Cola milano Ø 15 mm	12	MD	33
5040122*	Cola milano Ø 19 mm	12	MD	33

Fresas rebajes con rodamiento



Ref.	D	L	Z	S	d	T	EXP
1132029	20	15	2	0°	8	AR	64
1142030	26	13	2	0°	8	MD	64/36
1142031	32	13	2	0°	12	MD	33

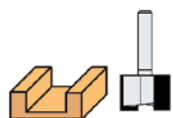
Fresas rebaje y bisel con rodamiento



Ref.	D	L	Z	S	d	T	EXP
1132026	20	11	2 mixta	45°	8	AR	64
1142027	25	15	2 mixta	45°	8	MD	64/36

Fresas profesionales

Fresas para ranurar



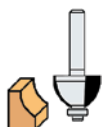
Ref.	D	L	Z	S	d	T	EXP
1132035	20	15	2	0°	8	AR	64
1132036	27	20	2	0°	8	AR	64
1140016	18	20	2	0°	8	MD	64/36

Fresas para copetes



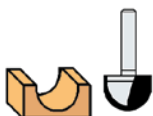
Ref.	D	L	Z	S	d	T	EXP
1740306	10	12	2	r:5	8	MD	
1740311	12	12	2	r:6	8	MD	
1740312	16	14	2	r:8	8	MD	
1740307	20	14	2	r:10	8	MD	

Fresa de radio cóncavo c/rdto.



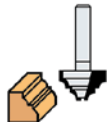
Ref.	D	L	Z	S	d	T	EXP
1142042	26	17	2	r:16	8	MD	64
1142242	38	16	2	r:13	12	MD	33

Fresas media caña



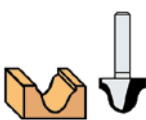
Ref.	D	L	Z	S	d	T	EXP
1132020	20	15	2	r:10	8	AR	64
1142020	26	18	2	r:13	8	MD	64/36
1142220	38	13	2	r:19	12	MD	33

Fresa molduras



Ref.	D	L	Z	S	d	T	EXP
1142041	25	15	2	r:5	8	MD	64/36

Fresas molduras



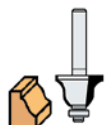
Ref.	D	L	Z	S	d	T	EXP
1132047	20	15	2	r:7	8	AR	64
1132048	27	20	2	r:9	8	AR	64
1142047	25	18	2	r:6	8	MD	64/36

Fresas molduras



Ref.	D	L	Z	S	d	T	EXP
1132038	20	15	2	r:7,5	8	AR	64
1132039	27	15	2	r:10	8	AR	64
1142039	25	19	2	r:15	8	MD	64/36
1142239	32	16	2	r:10	12	MD	33
1142339	38	19	2	r:12	12	MD	33

Fresa molduras c/rodamiento



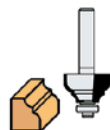
Ref.	D	L	Z	S	d	T	EXP
1142045	26	17	2	r:7	8	MD	64/36
1142245	38	17	2	r:6	12	MD	33

Fresa molduras c/rodamiento



Ref.	D	L	Z	S	d	T	EXP
1142024	26	15	2	r:12	8	MD	64/36
1142224	38	19	2	r:12	12	MD	33

Fresa molduras c/rodamiento



Ref.	D	L	Z	S	d	T	EXP
1142040	26	15	2	r:5	8	MD	64/36
1142140	35	17	2	r:6+5	12	MD	33

Fresa molduras con rodamiento



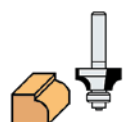
Ref.	D	L	Z	S	d	T	EXP
1142150	32	16	2	r:8	12	MD	33

Fresas de radio



Ref.	D	L	Z	S	d	T	EXP
1140107	23	12	2	r:6	8	MD	64
1140108	27	16	2	r:8	8	MD	64

Fresas de radio con rodamiento



Ref.	D	L	Z	S	d	T	EXP
1140123	19	10	2	r:2	8	MD	
1140106	20	10	2	r:3	8	MD	64/36
1140109	25	11	2	r:6	8	MD	64
1140110	29	15	2	r:8	8	MD	64

Fresa molduras



Ref.	D	L	Z	S	d	T	EXP
1140300	24	24,5	2	r:16	12	MD	33

Fresa molduras



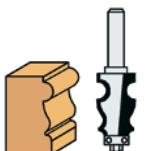
Ref.	D	L	Z	S	d	T	EXP
1140301	32	36	2	r:10	12	MD	33

Fresa molduras



Ref.	D	L	Z	S	d	T	EXP
1140302	21	22	2	r:3	12	MD	33

Fresa molduras



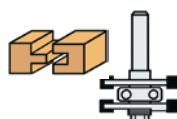
Ref.	D	L	Z	S	d	T	EXP
1140303	19	32	2	r:5	12	MD	33

Fresa molduras



Ref.	D	L	Z	d	T	EXP
1140304	44	20	2	12	MD	33

Fresa molduras



Ref.	D	L	Z	S	d	T	EXP
1140305	40	25	2	e=6+6	12	MD	33

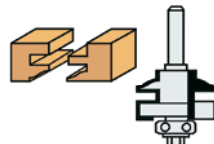
Fresas profesionales

Fresa molduras



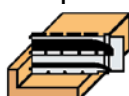
Ref.	D	L	Z	d	T	EXP
1142160	35	25	2	12	MD	33

Fresa contramoldura



Ref.	D	L	Z	d	T	EXP
1142161	35	25	2	12	MD	33

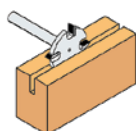
Fresa para refundir galces



(Para usar con FR192N)

Ref.	D	L	Z	S	d	T	EXP
1240046	22	41	4	0°	EJE	MD	64/36

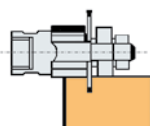
Fresa para ranurar



(*) L=grosor ranura

Ref.	D	L**	Z	S	d	T	EXP
1140111	41	2,5	4	0°	8	MD	
1140112	41	3	4	0°	8	MD	
1140113	41	4	4	0°	8	MD	64/36
1140114	41	5	4	0°	8	MD	

Dispositivo de ranurar y recortar



Ref.	Descripción	d	T
1100008	Disp. ranurar y rec. 2,2 mm	EJE	MD
1100009	Disp. ranurar y rec. 1,8 mm	EJE	MD
1140066	Sierra Ø 41 espesor 2,2 mm		MD
1140067	Sierra Ø 41 espesor 1,8 mm		MD
1140072	Sierra Ø 41 espesor 1,6 mm		MD

(Para usar con AS93)

Fresas para la colocación de herrajes oscilobatientes

Ref.	Descripción	D	L	Z	d	
7740117	Para herrajes AGB	16	25	2	EJE	
(Para uso con FR277R, FR278R)						
6640125	Para herrajes AGB	16	25	2	EJE	
(Para uso con FR66P, AS93+CA66F)						
6040313	Para herrajes AGB	16	35	2	12	

Expositores de fresas

Ref.	Descripción
1299119	Expositor con 36 fresas
1299120	Expositor con 64 fresas
1299200	Expositor con 33 fresas mango 12 y cajeados

El contenido de los expositores de fresas está indicado en la columna «EXP»

