XLCF(NRL) BS

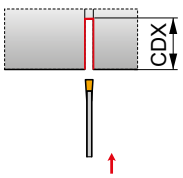
P M K N S H

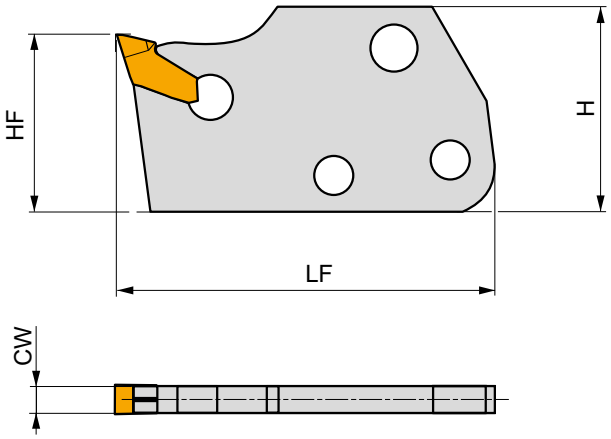
PRAMET

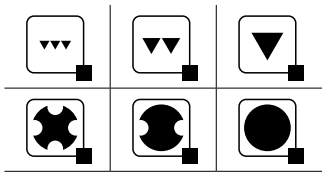
X

Lama de Ranurado Radial para Portaherramientas Modular MS-EN, para Plaquitas LFMX

Lama modular para ranurado con plaquitas LFMX de un solo filo. Adecuada para aplicaciones de ranurado o tronzado con una profundidad máxima de 25 mm. Lamas tratadas para una vida útil más larga.







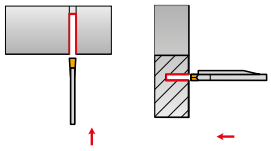
	Producto	HF (mm)	H (mm)	LF (mm)	CW (mm)	CDX (mm)	kg		
R	XLCFR 160115-1.60	12	25	35	1.50	15	0.01	GI132	KV
	XLCFR 160115-2.00	12	25	35	2.00	15	0.01	GI061	KV
	XLCFR 250115-1.60	24	29	40	1.50	15	0.01	GI132	KV
	XLCFR 250115-2.00	24	29	40	2.00	15	0.05	GI061	KV
L	XLCFL 160115-1.60	12	25	35	1.50	15	0.01	GI132	KV
	XLCFL 160115-2.00	12	25	35	2.00	15	0.04	GI061	KV
	XLCFL 250115-1.60	24	29	40	1.50	15	0.01	GI132	KV
	XLCFL 250115-2.00	24	29	40	2.00	15	0.05	GI061	KV
N	XLCFN 160215-3.00	12	25	35	3.10	15	0.01	GI001	KV
	XLCFN 160220-3.00	12	25	40	3.10	20	0.02	GI001	KV
	XLCFN 250215-3.00	24	29	40	3.10	15	0.02	GI001	KV
	XLCFN 250225-3.00	24	29	50	3.10	25	0.02	GI001	KV
	XLCFN 250315-4.00	24	29	40	4.10	15	0.02	GI002	KV
	XLCFN 250325-4.00	24	29	50	4.10	25	0.03	GI002	KV
	XLCFN 250425-5.00	24	29	50	5.10	25	0.04	GI004	KV
	XLCFN 250525-6.35	24	29	50	6.35	25	0.04	GI005	KV

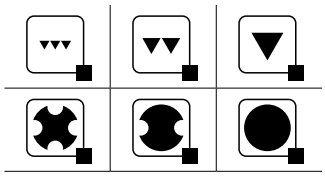
GI001	LFMX 3.1-.	–
GI002	LFMX 4.1-.	–
GI004	LFMX 5.1-.	–
GI005	LFMX 6.35-.	–
GI061	LFMX 2.0-.	LFMX 2.2-.
GI132	LFMX 1.5-.	LFMX 1.6-.

KV	KV 5x70

MS-EN

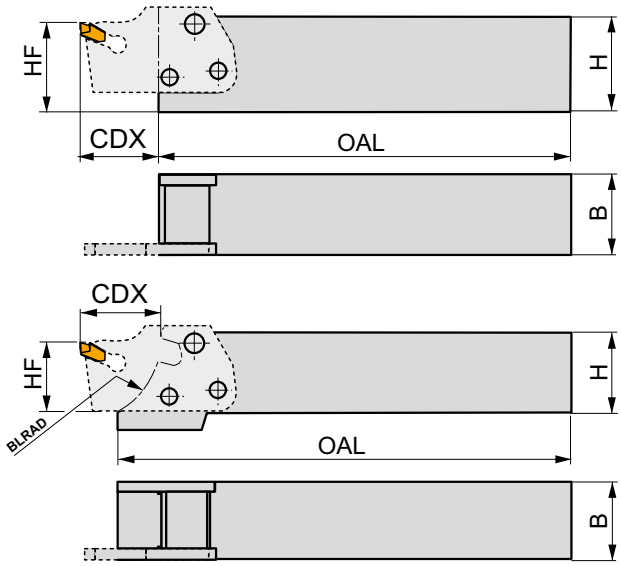
PRAMET





Portaherramientas Modular para Lamas de Ranurado XLCCN, XLCF(NRL) o XLXFL

Portaherramientas modular para lamas de ranurado XLC 25 BS, XLCF(NRL) BS o de ranurado frontal XLXFL BS. Disponible con mangos de 12x12 hasta 32x25. Cuerpo tratado para una vida útil más larga.



Producto	HF (mm)	H (mm)	B (mm)	OAL (mm)	CDX (mm)	BLRAD (mm)	kg		
MS-EN-1212 F	12	12	12	75	15	–	0.13	GI006	ND4
MS-EN-1616 H	16	16	16	90	15	–	0.21	GI006	ND4
MS-EN-2020 K	20	20	20	115	15	–	0.23	GI003	ND5
MS-EN-2020 KS	20	20	20	129	15	25	0.42	GI060	ND5
MS-EN-2525 M	25	25	25	140	15	–	0.65	GI003	ND5
MS-EN-2525 MS	25	25	25	153	15	25	0.74	GI060	ND5
MS-EN-3225 P	32	32	25	160	15	–	0.95	GI003	ND5
MS-EN-3225 PS	32	32	25	174	15	25	1.00	GI060	ND5

GI003	XLC.. 25..15...	XLXFL 25…	XLC.. 25..25…
GI006	XLCF. 16..15…	XLCF. 16..20…	–
GI060	XLC.. 25..15…	XLC.. 25..25…	–

		Nm				Nm			
ND4	US 4011-T15P	3.5	M 4	10.6	–	–	–	–	FLAG T15P
ND5	US 45013-T20P	5.0	M 5	13	US 46017-T20P	5.0	M6	17	FLAG T15P

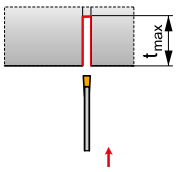
ND4 =3 x US 4011-T15P; ND5=2 x US 45013-T20P

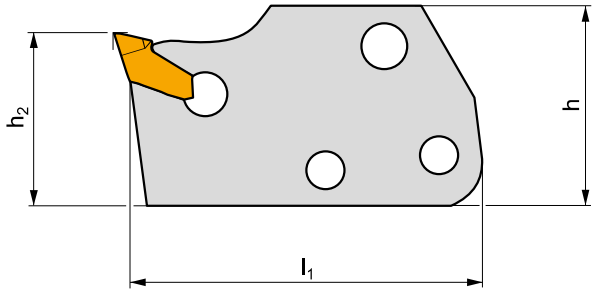
XLCF(NRL) BS

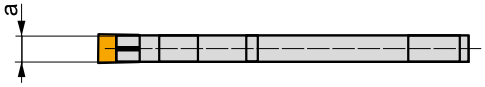
P M K N S H

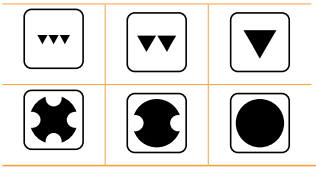
X

T153-T154









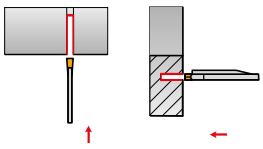
ANSI	h	h_2	l_1	a	t_{max}	lbs		
XLCFN 160215-3.00	.984	.472	1.378	.122	.591	.02	IGI025	KV
XLCFN 160220-3.00	.984	.472	1.575	.122	.787	.04	IGI025	KV
XLCFN 250215-3.00	1.142	.945	1.575	.122	.591	.04	IGI025	KV
XLCFN 250225-3.00	1.142	.945	1.969	.122	.984	.04	IGI025	KV
XLCFN 250315-4.00	1.142	.945	1.575	.161	.591	.04	IGI026	KV
XLCFN 250325-4.00	1.142	.945	1.969	.161	.984	.07	IGI026	KV
XLCFN 250425-5.00	1.142	.945	1.969	.201	.984	.09	IGI027	KV
XLCFN 250525-6.35	1.142	.945	1.969	.250	.984	.09	IGI028	KV
XLCFR/L 160115-1.60	.984	.472	1.378	.059 - .063	.591	.02	IGI023	KV
XLCFR/L 160115-2.00	.984	.472	1.378	.079 - .087	.591	.02	IGI024	KV
XLCFR/L 250115-1.60	1.142	.945	1.575	.059 - .063	.591	.02	IGI023	KV
XLCFR/L 250115-2.00	1.142	.945	1.575	.079 - .087	.591	.02	IGI024	KV

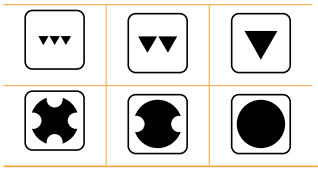
IGI023	LFMX 1.5.	LFMX 1.6.
IGI024	LFMX 2..	LFMX 2.2.
IGI025	LFMX 3.1.	–
IGI026	LFMX 4.1.	–
IGI027	LFMX 5.1.	–
IGI028	LFMX 6.35.	–

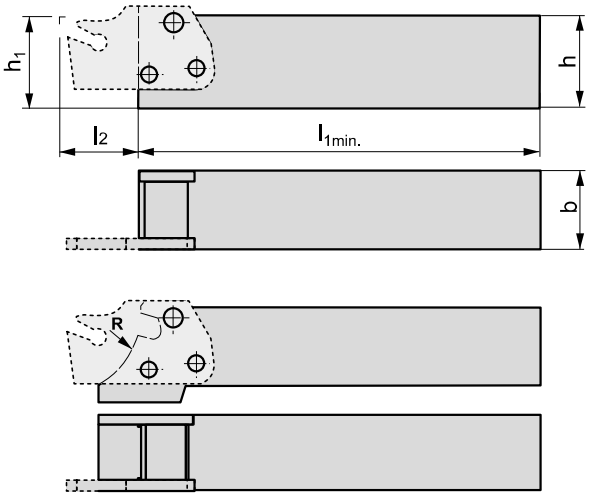
KV	KV 5x70

MS-EN

T148-T154







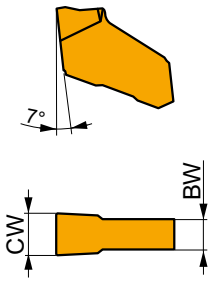
ANSI	h=h1	b	l1 min	l2	R	lbs		
MS-EN-08 A	.500	.500	4.000	.591 (.788)	–	.29	IGI072	IND4
MS-EN-10 A	.625	.625	4.000	.591 (.788)	–	.44	IGI072	IND4
MS-EN-12 C	.750	.750	5.000	.591 (.984)	–	.82	IGI068	IND5
MS-EN-16 D	1.000	1.000	6.000	.591 (.984)	–	1.65	IGI068	IND5
MS-EN-85 E	1.250	1.000	7.000	.591 (.984)	–	2.40	IGI068	IND5

IGI068	XLC.. 25..15...
IGI072	XLCF. 16..15...

		Nm				Nm			
IND4	3x US 4011-T15P	3.5	M4	.42	–	–	–	–	FLAG T15P
IND5	2x US 45013-T20P	5.0	M5	.51	US 46017-T20P	5.0	M6	17	FLAG T20P

LFMX - F1

	CW	CWTOLL	CWTOLU	BW
	(mm)	(mm)	(mm)	(mm)
1.5	1.50	-0.03	0.03	1.30
1.6	1.60	-0.03	0.03	1.30
2.0	2.00	-0.03	0.03	1.60
3.1	3.10	-0.04	0.04	2.60
4.1	4.10	-0.04	0.04	3.60



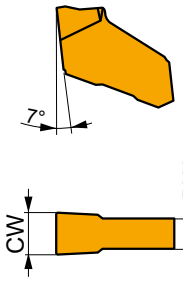
Valores de inicio adecuados para la velocidad de corte (vc) y avance (f). Consulte nuestra APP Calculadora de mecanizado para obtener más cálculos.

Producto		RE	P		M		K		N		S		H		PSIRR	PSIRL
			vc	f	vc	f	vc	f	vc	f	vc	f	vc	f		
		(mm)	(m/min)	(mm/rev)	(m/min)	(mm/rev)	(m/min)	(mm/rev)	(m/min)	(mm/rev)	(m/min)	(mm/rev)	(m/min)	(mm/rev)	(°)	(°)
			E													
Geometría EN-F1 para tronzado y ranurado con corte contínuo.																
LFMX 1.5-.16ENF1	**T8330**	0.2	130	0.08	75	0.07	120	0.08	–	–	–	–	–	–	–	–
LFMX 1.6-.16ENF1	**T8330**	0.2	130	0.08	75	0.07	120	0.08	–	–	–	–	–	–	–	–
LFMX 2.0-.16ENF1	**T8330**	0.2	130	0.08	75	0.07	120	0.08	–	–	–	–	–	–	–	–
LFMX 3.1-.20ENF1	**T8330**	0.2	130	0.10	75	0.09	120	0.10	–	–	–	–	–	–	–	–
LFMX 4.1-.20ENF1	**T8330**	0.2	130	0.10	75	0.09	120	0.10	–	–	–	–	–	–	–	–

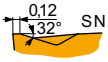
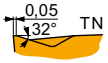
LFMX - F2

PRAMET

	CW	CWTOLL	CWTOLU	BW
	(mm)	(mm)	(mm)	(mm)
1.6	1.60	-0.03	0.03	1.30
2.0	2.00	-0.03	0.03	1.60
3.1	3.10	-0.04	0.04	2.60
4.1	4.10	-0.04	0.04	3.60
5.1	5.10	-0.04	0.04	4.60
6.35	6.35	-0.04	0.04	5.80



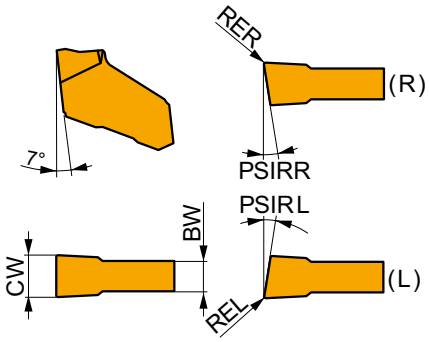
Valores de inicio adecuados para la velocidad de corte (vc) y avance (f). Consulte nuestra APP Calculadora de mecanizado para obtener más cálculos.

Producto		RE	P		M		K		N		S		H		PSIRR	PSIRL
			vc (m/min)	f (mm/rev)	vc (m/min)	f (mm/rev)	vc (m/min)	f (mm/rev)	vc (m/min)	f (mm/rev)	vc (m/min)	f (mm/rev)	vc (m/min)	f (mm/rev)	(°)	(°)
																
			Geometría SN-F2 para tronzado con corte contínuo.													
LFMX 1.6-.16SNF2	**T8330**	0.2	130	0.10	75	0.09	120	0.10	–	–	–	–	–	–	–	–
LFMX 2.0-.16SNF2	**6640**	0.2	150	0.10	90	0.09	140	0.10	–	–	–	–	–	–	–	–
	T8330	0.2	130	0.10	75	0.09	120	0.10	–	–	–	–	–	–	–	–
LFMX 3.1-.20SNF2	**6640**	0.2	150	0.10	90	0.09	140	0.10	–	–	–	–	–	–	–	–
	T8330	0.2	130	0.10	75	0.09	120	0.10	–	–	–	–	–	–	–	–
LFMX 4.1-.20SNF2	**T8330**	0.2	130	0.12	75	0.11	120	0.12	–	–	–	–	–	–	–	–
LFMX 5.1-.20SNF2	**T8330**	0.2	130	0.12	75	0.11	120	0.12	–	–	–	–	–	–	–	–
LFMX 6.35-.20SNF2	**T8330**	0.2	130	0.15	75	0.14	120	0.15	–	–	–	–	–	–	–	–
																
			Geometría TN-F2 para tronzado y ranurado con corte contínuo.													
LFMX 3.1-.20TNF2	**6640**	0.2	150	0.10	90	0.09	140	0.10	–	–	–	–	–	–	–	–
	T8330	0.2	130	0.10	75	0.09	120	0.10	–	–	–	–	–	–	–	–
LFMX 4.1-.20TNF2	**T8330**	0.2	130	0.12	75	0.11	120	0.12	–	–	–	–	–	–	–	–

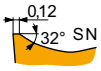
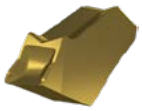
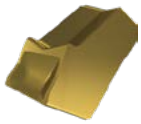
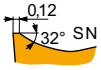
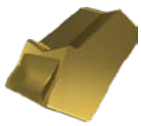
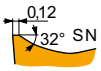
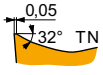
LFMX - M2

PRAMET

	CW	CWTOLL	CWTOLU	BW
	(mm)	(mm)	(mm)	(mm)
2.0	2.00	-0.03	0.03	1.60
2.2	2.20	-0.03	0.03	1.60
3.1	3.10	-0.04	0.04	2.60
4.1	4.10	-0.04	0.04	3.60
5.1	5.10	-0.04	0.04	4.60
6.35	6.35	-0.04	0.04	5.80



Valores de inicio adecuados para la velocidad de corte (vc) y avance (f). Consulte nuestra APP Calculadora de mecanizado para obtener más cálculos.

Producto		RE	P vc	P f	M vc	M f	K vc	K f	N vc	N f	S vc	S f	H vc	H f	PSIRR	PSIRL
		(mm)	(m/min)	(mm/rev)	(m/min)	(mm/rev)	(m/min)	(mm/rev)	(m/min)	(mm/rev)	(m/min)	(mm/rev)	(m/min)	(mm/rev)	(°)	(°)
																
Geometría SN-M2 para tronzado y ranurado con corte contínuo a ligeramente interrumpido.																
LFMX 2.0-.16SNM2	**6640**	0.2	150	0.11	90	0.10	140	0.11	–	–	–	–	–	–	–	–
	T8330	0.2	130	0.11	75	0.10	120	0.11	–	–	–	–	–	–	–	–
LFMX 2.2-.16SNM2	**6640**	0.2	150	0.11	90	0.10	140	0.11	–	–	–	–	–	–	–	–
	T8330	0.2	130	0.11	75	0.10	120	0.11	–	–	–	–	–	–	–	–
LFMX 3.1-.20SNM2	**6640**	0.2	150	0.15	90	0.14	140	0.15	–	–	–	–	–	–	–	–
	T8330	0.2	130	0.15	75	0.14	120	0.15	–	–	–	–	–	–	–	–
LFMX 4.1-.20SNM2	**6640**	0.2	150	0.15	90	0.14	140	0.15	–	–	–	–	–	–	–	–
	T8330	0.2	130	0.15	75	0.14	120	0.15	–	–	–	–	–	–	–	–
LFMX 5.1-.20SNM2	**6640**	0.2	150	0.20	90	0.18	140	0.20	–	–	–	–	–	–	–	–
	T8330	0.2	130	0.20	75	0.18	120	0.20	–	–	–	–	–	–	–	–
LFMX 6.35-.20SNM2	**6640**	0.2	150	0.20	90	0.18	140	0.20	–	–	–	–	–	–	–	–
	T8330	0.2	130	0.20	75	0.18	120	0.20	–	–	–	–	–	–	–	–
																
Geometría SR-M2 con diseño a derecha, para tronzado con corte contínuo a ligeramente interrumpido.																
LFMX 2.0-.16SR12M2	**T8330**	0.2	130	0.09	75	0.08	120	0.09	–	–	–	–	–	–	12	–
LFMX 2.0-.16SR6M2	**T8330**	0.2	130	0.09	75	0.08	120	0.09	–	–	–	–	–	–	6	–
LFMX 3.1-.20SR8M2	**T8330**	0.2	130	0.11	75	0.10	120	0.11	–	–	–	–	–	–	8	–
LFMX 4.1-.20SR8M2	**T8330**	0.2	130	0.15	75	0.14	120	0.15	–	–	–	–	–	–	8	–
																
Geometría SL-M2 con diseño a izquierda para tronzado con corte contínuo y ligeramente interrumpido.																
LFMX 2.0-.16SL12M2	**T8330**	0.2	130	0.09	75	0.08	120	0.09	–	–	–	–	–	–	–	12
LFMX 2.0-.16SL6M2	**T8330**	0.2	130	0.09	75	0.08	120	0.09	–	–	–	–	–	–	–	6
																
Geometría SL-M2 con diseño a izquierda para tronzado con corte contínuo y ligeramente interrumpido.																
LFMX 3.1-.20SL8M2	**T8330**	0.2	130	0.11	75	0.10	120	0.11	–	–	–	–	–	–	–	8
LFMX 4.1-.20SL8M2	**T8330**	0.2	130	0.15	75	0.14	120	0.15	–	–	–	–	–	–	–	8
																
Geometría TN-M2 para tronzado y ranurado con corte contínuo y ligeramente interrumpido.																
LFMX 3.1-.20TNM2	**6640**	0.2	150	0.15	90	0.14	140	0.15	–	–	–	–	–	–	–	–
	T8330	0.2	130	0.15	75	0.14	120	0.15	–	–	–	–	–	–	–	–
LFMX 4.1-.20TNM2	**6640**	0.2	150	0.15	90	0.14	140	0.15	–	–	–	–	–	–	–	–
	T8330	0.2	130	0.15	75	0.14	120	0.15	–	–	–	–	–	–	–	–