

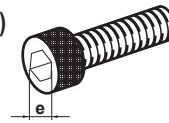
REFACCIONES

IDENTIFICACION	N002
REFACCIONES	
TORNILLO PARA MORDAZA	N003
TORNILLO DE SUJECION	N008
ASIENTO	N010
TORNILLO	N013
PERNO / PASADOR / PALANCA	N014
RESORTE	N014
MORDAZA	N015
ROMPEVIRUTA DE PLACA	N016
MOLIKOTE	N017



IDENTIFICACION

■ IDENTIFICACION DE LOS TORNILLOS PARA MORDAZA (Tornillo cuerda derecha Rosca métrica)



H SC 060 05

Longitud

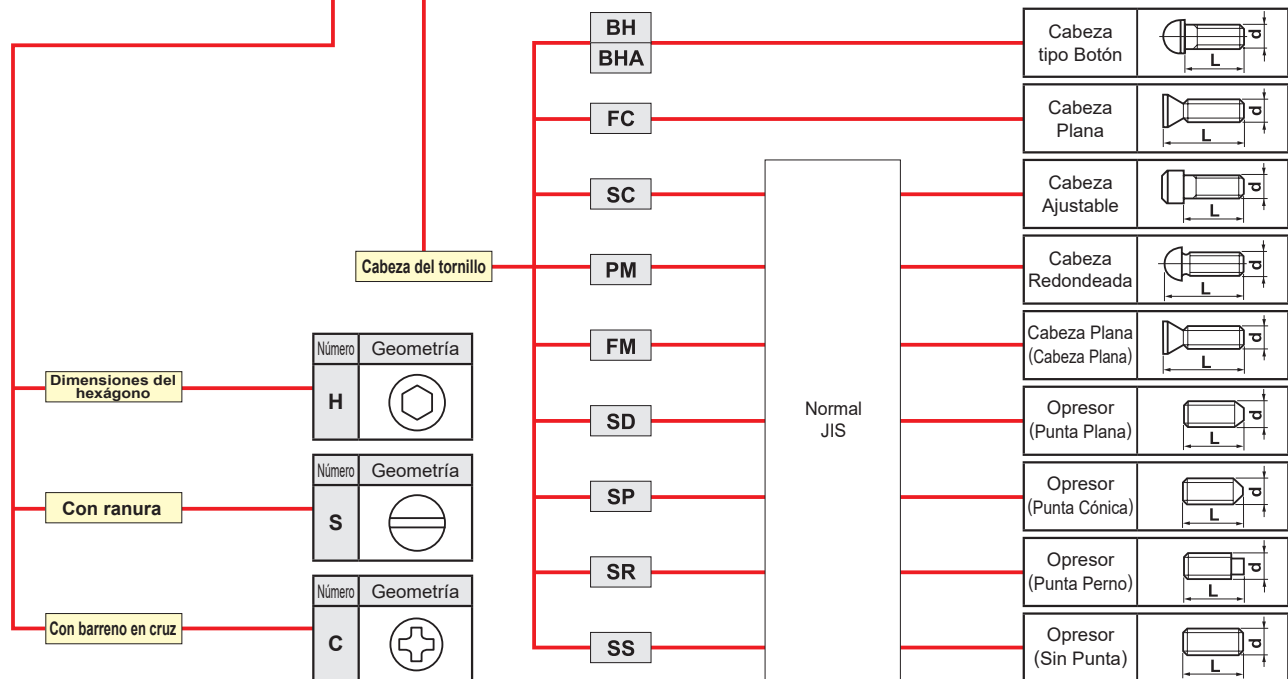
Ejemplo	
Número	L
05	.197
10	.394
20	.787

Tornillo

Ejemplo	
Número	d
050	M5
060	M6

● Dimensiones del hexágono

Diámetro (Métrico)	Paso (mm)	Dimensiones e			
		HBH	HFC	HSC	HS
M2	.4	—	—	.059	.035
M2.5	.45	—	—	.079	.051
M3	.5	.079	.079	.098	.059
M4	.7	.098	.098	.118	.079
M5	.8	.118	.118	.157	.098
M6	1.0	.157	.157	.197	.118
M8	1.25	.197	.197	.236	.157
M10	1.5	.236	.236	.315	.197



■ IDENTIFICACION DE LAS LLAVES

HKY 15 R

Número	Llave
HKY	Llave Hexagonal
TKY	Llave Torx
NKY	Llave Torx
TIP	Llave "TORX PLUS"

Llave Hexagonal		
Número	e	
15	.059	
20	.079	
25	.098	
30	.118	
35	.138	
40	.157	
50	.197	
60	.236	

Llave Torx		
Número	e	Tamaño
06	.071	T6
08	.094	T8
10	.110	T10
15	.130	T15
20	.154	T20
25	.177	T25
27	.201	T27
30	.217	T30

Llave "TORX PLUS"		
Número	e	Tamaño
06	.071	6IP
07	.083	7IP
08	.094	8IP
10	.110	10IP
15	.130	15IP
25	.154	25IP

R	Llave L estándar	
L	Llave L larga	
T	Llave T	
F FS	Llave de banderola	
W	Llave de banderola	
D DS	Desarmador	

IMX 10 - WR

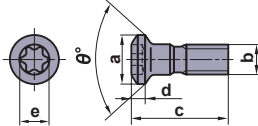
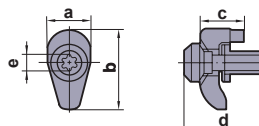
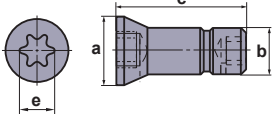
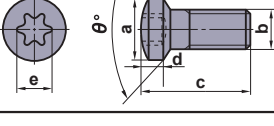
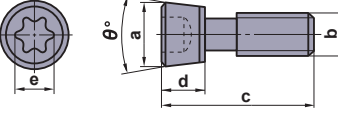
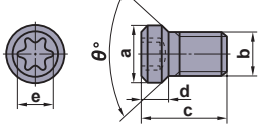
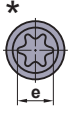
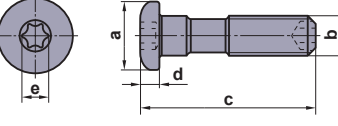
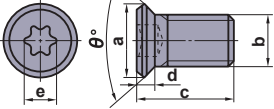
Número	Llave
IMX	Serie IMX

Llave Hexagonal						
	Número	10	12	16	20	25
	B	10	12	16	20	25

WR

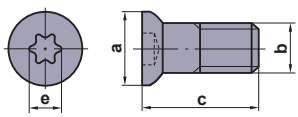
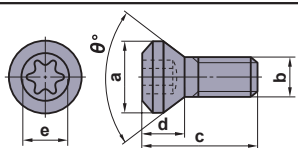
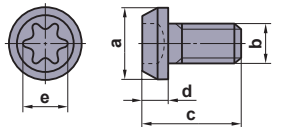
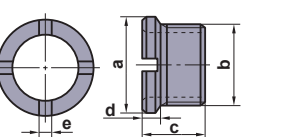
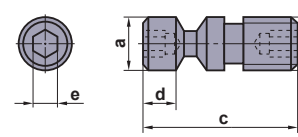
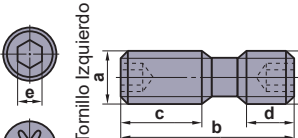
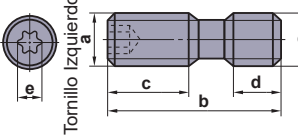
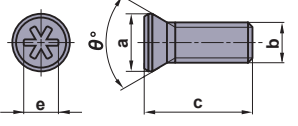
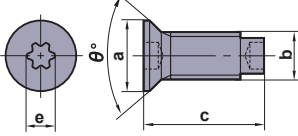
REFACCIONES

TORNILLO PARA MORDAZA

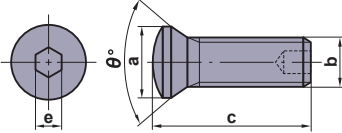
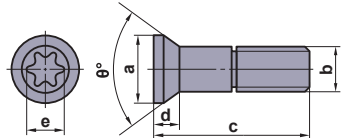
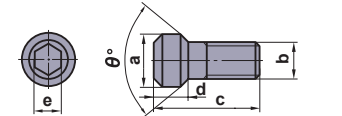
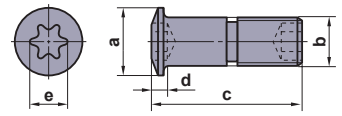
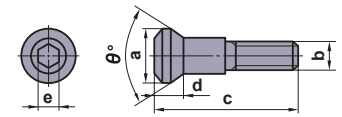
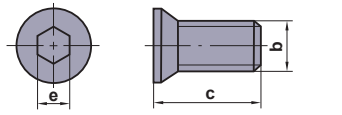
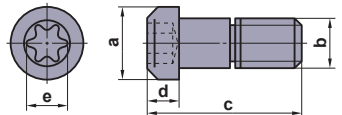
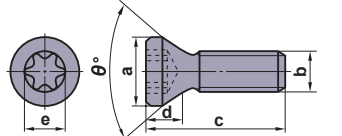
Geometría	Descripción	Dimensiones (plgs)							Torque (lbf-plgs)	Portaherramienta
		a	b	c	d	e	θ°			
	AJS3010T10	.197	M3×0.5	.394	.059	T10	120	22	AJX (L206) PMC (L288) AJX (L206) PMC (L288)	
	AJS4012T15	.276	M4×0.7	.472	.087	T15	120	31		
	AJS5014T25	.315	M5×0.8	.551	.106	T25	120	66		
	BC5	.354	.717	.335	.669	T20	—	44		
	BLS02	.165	M3	.270	—	T08	—	18		
	BLS03	.235	M4	.335	—	T15	—	27		
	BLS04	.268	M5	.356	—	T20	—	35		
	BLS05	.294	M5	.504	—	T20	—	44		
	BLS06	.317	M5	.610	—	T20	—	53		
	BLS08	.375	M6	.803	—	T30	—	58		
	BLS12	.474	M8	.969	—	T30	—	58		
	BRS105	.312	M5×0.8	.543	.118	T25	120	66		
	CAS51T	.312	M5×0.8	.748	.197	T25	10	75		
 	CS250T	.146	M2.5×0.45	.236	.071	T8	90	8.9	HERRAMIENTAS DE FRESADO (L001) BRP (L252)	
	*CS250560T	.154	M2.5×0.45	.205	.098	T8	60	8.9		
	CS300790TS	.185	M3×0.5	.276	.089	T10	90	18		
	CS300890T	.161	M3×0.5	.315	.081	T8	90	8.9		
	*CS350760T	.217	M3.5×0.6	.276	.157	T15	60	31		
	CS350790T	.189	M3.5×0.6	.276	.093	T10	90	31		
	*CS350860T	.217	M3.5×0.6	.331	.157	T15	60	31	MMTI (G026) BRP (L252)	
	CS350990T	.189	M3.5×0.6	.354	.093	T10	90	22		
	CS400990T	.236	M4×0.7	.354	.110	T15	90	31		
	CS401160T	.224	M4×0.7	.433	.177	T15	60	31		
	CS451190T	.248	M4.5×0.75	.433	.114	T20	90	44	Portaherramienta tipo AL (C041)	
	CS501290T	.276	M5×0.8	.433	.138	T25	90	66		
	*CS5015060T	.283	M5×0.8	.591	.093	T20	60	44	AHX640S (L048)	
	DC0520T	.335	M5×0.8	.886	.098	T15	—	31	Portaherramienta tipo DOUBLE CLAMP (C008)	
	DC0621T	.413	M6×1.0	.984	.157	T20	—	44	DOUBLE CLAMP BARRA DIMPLE (E021) Portaherramienta HSK-T (H001)	
	FC400890T	.220	M4×0.7	.295	.051	T10	90	22	Portaherramienta tipo AL (C042) Barra de Mandrinado tipo AL (E028)	

REFACCIONES

TORNILLO PARA MORDAZA

Geometría	Descripción	Dimensiones (plgs)						Torque (lbf-plgs)	Portaherramienta
		a	b	c	d	e	θ°		
	GTS1	.220	6-40UNF	.500	—	T10	—	14	
	GTS2	.310	10-32UNF	.750	—	T20	—	45	
	GTS3	.350	10-32UNF	.750	—	T20	—	45	
	GY05016S	.343	M5×0.8	.630	.138	T20	90	44	Serie GY (⊕F040)
	GY06013M	.472	M6×1.0	.709	.197	T30	—	53	Serie GY (⊕F040)
	JSS6	.272	M6×0.75	.177	.059	.031	—	—	
	JSS7	.315	M7×0.75	.173	.059	.039	—	—	
	LLCS105	M5×0.8	M5×0.8	.394	.059	.787	—	13	Portaherramienta HSK-T (⊕H001)
	LLCS106	.236	M6×1	.650	.138	.098	—	19	
	LLCS108	.315	M8×1.25	.827	.256	.118	—	29	
 Tornillo Izquierdo Tornillo derecho *Sin barreno hexagonal en tornillo derecho ☆Tornillo Torx	★ LS21	M10×1.5	1.260	.472	.472	.197	—	80	HERRAMIENTAS DE FRESADO (⊕L001)
	★ LS24	M8×1.25	.945	.335	.335	.157	—	69	
	☆ LS10T	M7×0.75	.551	.236	.197	T25	—	71	
	☆ LS15T	M7×0.75	.709	.276	.276	T25	—	71	
	☆ LS19T	M6×0.75	.433	.157	.157	T15	—	44	
	☆ LS10TS	M7×0.75	.512	.236	.157	T25	—	75	
 Tornillo Izquierdo Tornillo derecho	LS0622T	M6×0.75	.866	.315	.315	T15	—	53	AHX640W (⊕L060)
	NS251	.142	M2.5×0.45	.276	—	.087	60	6.2	HERRAMIENTAS PEQUEÑAS (⊕D001)
	NS401	.228	M4×0.7	.236	—	.142	60	31	
	NS402W	.230	M4×0.7	.394	—	.087	60	6.2	HERRAMIENTAS PEQUEÑAS (⊕D001)
	NS403W	.230	M4×0.7	.472	—	.087	60	6.2	
	NS404W	.228	M4×0.7	.394	—	.087	90	6.2	

TORNILLO PARA MORDAZA

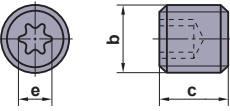
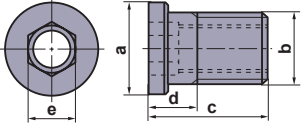
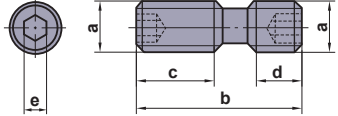
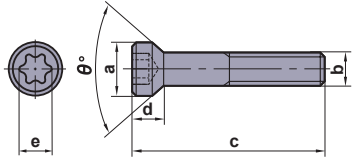
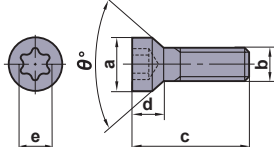
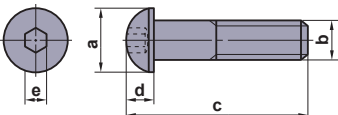
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		a	b	c	d	e	θ°			
	NS501W	.315	M5×0.8	.630	—	.098	120	19	HERRAMIENTAS PEQUEÑAS (D001)	
	NS502W	.315	M5×0.8	.787	—	.098	120	19		
	RS3008TS	.169	M3×0.35	.331	.079	T8	61	13	Serie SRF/SUF (L262)	
	RS3008T	.169	M3×0.35	.339	.079	T8	61	13		
	RS3510T	.197	M3.5×0.35	.394	.091	T10	61	22		
	RS4015T	.236	M4×0.5	.551	.106	T15	61	29		
	RS5020T	.319	M5×0.5	.646	.142	T20	61	44		
	RS6025T	.374	M6×0.75	.846	.165	T25	61	66		
	RS8030T	.472	M8×0.75	.984	.197	T30	61	88		
	S2	.157	M2.5×0.45	.256	.091	.079	92	14		
	S3	.177	M3×0.5	.303	.094	.079	92	13		
	SETS51	.268	M5×0.8	.583	.059	T15	—	31	Portaherramienta HSK-T (H001) MMTE (G021) MMTI (G026)	
	SETS61	.315	M6×1	.787	.071	T20	—	44		
	SLCS105	.394	M5×0.8	.984	.248	.157	90	62		
	S34	—	10-32UNF	.313	—	.078	—			
	S46	—	1/4-28UNF	.500	—	.094	—			
	SRS5	.264	M5×0.8	.630	.138	T20	—	44		
	TPS20	.106	M2×0.4	.138	.051	6IP	60	4.5	ARP (L236)	
	TPS20-1	.104	M2×0.4	.185	.094	6IP	60	5.3	MVX (M176)	
	TPS22	.118	M2.2×0.45	.185	.063	7IP	60	4.5	ARP (L236)	
	TPS22S	.118	M2.2×0.45	.165	.063	7IP	60	4.5	ARP (L236)	
	TPS25	.130	M2.5×0.45	.217	.067	7IP	60	8.9	APX3000 (L096)	
	TPS25-1	.130	M2.5×0.45	.256	.067	7IP	60	8.9	APX3000 (L096)	
	TPS27F1	.146	M2.7×0.35	.256	.071	7IP	60	8.9	VPX200 (L124)	
	TPS27F2	.146	M2.7×0.35	.315	.071	7IP	60	8.9	VPX200 (L124)	
	TPS3	.154	M3×0.5	.264	.055	10IP	60	17.7	MVX (M177)	
	TPS35	.209	M3.5×0.6	.453	.110	15IP	60	31	ASX445 (L030) ASX400 (L082) PMR (L290)	
	TPS351	.189	M3.5×0.6	.281	.055	10IP	60	22	MVX (M177)	
	TPS351B	.201	M3.5×0.6	.283	.092	10IP	60	22	ARP (L236)	
	TPS4	.209	M4×0.7	.315	.102	15IP	60	31	APX4000 (L110) ARP (L236) MVX (M170)	
	TPS40F1	.209	M4×0.5	.413	.110	15IP	60	27	VPX300 (L140)	
	TPS4R	.252	M4×0.7	.417	.087	15IP	R4	31	WSX445 (L018)	
	TPS4S	.209	M4×0.7	.276	.102	15IP	60	31		
	TPS43	.209	M4×0.7	.394	.102	15IP	60	31	APX4000 (L110) MVX (M170)	
	TPS54	.268	M5×0.8	.472	.126	25IP	60	66	MVX (M179)	

REFACCIONES

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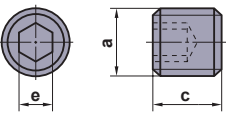
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		a	b	c	d	e	θ°		
	* TS16	.098	M1.6×0.35	.126	.063	T6	60	5.3	MICRO-DEX (⊕E029)
	TS2	.106	M2×0.4	.181	.055	T6	60	5.3	
	* TS2A	.106	M2×0.4	.177	.047	T6	60	5.3	AQX (⊕L196)
	TS2C	.106	M2×0.4	.150	.055	T6	60	5.3	
	☆ TS2D	.150	M2×0.4	.209	.076	T6	82	5.3	BARRA DIMPLE (⊕E007)
	TS21	.106	M2×0.4	.134	.055	T6	60	5.3	Barra de Mandrinado tipo S (⊕E012)
	* TS22	.118	M2.2×0.45	.197	.047	T6	60	5.3	
	* TS25	.130	M2.5×0.45	.217	.067	T8	60	8.9	AQX (⊕L196) AJX (⊕L206)
	☆ TS25D	.172	M2.5×0.45	.244	.087	T8	82	8.9	BARRA DIMPLE (⊕E007)
	* TS25H	.142	M2.5×0.45	.217	.079	T8	60	15	SRM2 (⊕L274)
	TS202	.106	M2×0.4	.217	.071	T6	60	5.3	
	TS253	.130	M2.5×0.45	.177	.067	T8	60	8.9	HERRAMIENTAS DE FRESADO (⊕L001)
	TS254	.130	M2.5×0.45	.276	.067	T8	60	8.9	HERRAMIENTAS PEQUEÑAS (⊕D001) PMF (⊕L291)
	* TS255	.138	M2.5×0.45	.295	.063	T8	60	8.9	
	TS3	.154	M3×0.5	.236	.079	T8	60	8.9	
	TS3D	.197	M3×0.5	.236	.091	T10	82	22	BARRA DIMPLE (⊕E006)
	TS3SB	.173	M3×0.5	.315	.079	T8	80	13	AXD4000 (⊕L156)
	TS3SBS	.173	M3×0.5	.256	.080	T8	80	13	AXD4000 (⊕L156)
	TS31D	.189	M3×0.5	.283	.087	T10	82	22	BARRA DIMPLE (⊕E007)
	* TS32	.154	M3×0.5	.295	.079	T8	60	18	SRM2 (⊕L274)
	* TS33	.154	M3×0.5	.264	.079	T8	60	13	AQX (⊕L196) AJX (⊕L206) PMC (⊕L288)
	TS35	.189	M3.5×0.6	.256	.094	T10	60	22	
	* TS35D	.209	M3.5×0.6	.472	.110	T15	60	31	Portaherramienta HSK (⊕H013)
	TS35R	.224	M3.5×0.6	.394	.083	T15	—	31	AHX440S (⊕L038) AHX475S (⊕L044)
	TS351	.189	M3.5×0.6	.283	.094	T10	60	22	AJX (⊕L206) SRM2 (⊕L274) PMC (⊕L288)
	TS352	.189	M3.5×0.6	.394	.118	T10	60	22	VFX5 (⊕L186)
	TS4	.213	M4×0.7	.315	.102	T15	60	31	CFSP (⊕L260)
	TS4D	.220	M4×0.7	.303	.098	T15	82	31	BARRA DIMPLE (⊕E006)
	TS4S	.213	M4×0.7	.276	.093	T15	80	31	
	* TS4SL	.213	M4×0.7	.315	.096	T15	80	35	BXD4000 (⊕L176)
	TS4SB	.228	M4×0.7	.354	.105	T15	80	31	AXD7000 (⊕L166)
	* TS4SBL	.228	M4×0.7	.413	.105	T15	80	31	Serie GY (⊕F001) AXD7000 (⊕L166)
	* TS4SBL	.228	M4×0.7	.571	.105	T15	80	31	
	TS42	.213	M4×0.7	.236	.102	T15	60	31	
	TS43	.213	M4×0.7	.394	.102	T15	60	31	AJX (⊕L206) BRP (⊕L252) PMC (⊕L288) SRM2 (⊕L274)
	TS44	.213	M4×0.7	.472	.102	T15	60	31	
	TS405	.213	M4×0.7	.551	.102	T15	60	31	VAS400 (⊕L088)
	TS406	.213	M4×0.7	.610	.102	T15	60	31	
	TS407	.213	M4×0.7	.354	.102	T15	60	31	AQX (⊕L196) AJX (⊕L206)
	TS450	.232	M4.5×0.75	.512	.142	T20	60	44	VFX6 (⊕L190)
	TS5S	.268	M5×0.8	.354	.115	T25	80	66	
	TS5	.268	M5×0.8	.354	.126	T25	60	66	CFSP (⊕L260)
	TS5L	.268	M5×0.8	.591	.115	T25	80	66	
	TS5R	.272	M5×0.8	.472	.138	T20	60	44	WJX (⊕L224)
	TS52	.268	M5×0.8	.315	.126	T25	60	66	CFSP (⊕L260)
	TS53	.268	M5×0.8	.630	.126	T25	60	66	
	TS54	.268	M5×0.8	.472	.126	T25	60	66	AJX (⊕L206)
	TS55	.268	M5×0.8	.413	.126	T25	60	66	Serie GY (⊕F001) AQX (⊕L196) SPX (⊕L180) SRM2 (⊕L274)
	* TS6S	.335	M6×1.0	.512	.173	T30	60	89	AQX (⊕L196) SRM2 (⊕L274)
	* TS6	.335	M6×1.0	.630	.173	T30	60	89	SRM2 (⊕L274)

TORNILLO PARA MORDAZA

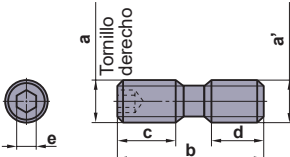
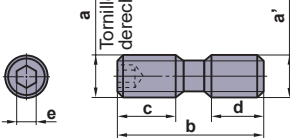
Geometría	Descripción	Dimensiones (plgs)						Torque (lbf-plgs)	Portaherramienta
		a	b	c	d	e	θ°		
	TSS04005	—	M4×0.7	.197	—	T8	—	—	PMF (⌀L291) FMAX (⌀L070)
	TSS04505S	—	M4.5×0.5	.197	—	T10	—	—	
	WCS503507H	.248	M5×0.5	.276	.130	.138	—	44	ASX445 (⌀L030) ASX400 (⌀L082) PMR (⌀L290)
	XNS35	10-32UNF	.625	.220	.220	.094	—	30	Portaherramienta tipo M (⌀C007) Barra de Mandrinado tipo M (⌀E024)
	XNS36	10-32UNF	.750	.250	.250	.094	—	30	
	XNS46	1/4-28UNF	.750	.310	.310	.125	—	45	
	XNS47	1/4-28UNF	.875	.280	.280	.125	—	45	
	XNS48	1/4-28UNF	1.000	.370	.370	.125	—	45	
	XNS58	5/16-24UNF	1.000	.500	.280	.156	—	70	
	XNS59	5/16-24UNF	1.120	.470	.410	.156	—	70	
	XNS510	5/16-24UNF	1.125	.500	.500	.156	—	70	
	XNS610	3/8-24UNF	1.250	.500	.500	.188	—	135	
	WS254012T	.157	M2.5×0.45	.453	.087	T8	80	18	
	WS254013T	.157	M2.5×0.45	.492	.087	T8	80	18	
	WS254014T	.157	M2.5×0.45	.531	.087	T8	80	18	
	WS254015T	.157	M2.5×0.45	.571	.087	T8	80	18	
	WS254016T	.157	M2.5×0.45	.610	.087	T8	80	18	
	WS304517T	.177	M3×0.5	.650	.134	T10	60	31	
	WS304518T	.177	M3×0.5	.689	.134	T10	60	31	
	WS355520T	.217	M3.5×0.6	.768	.154	T15	60	49	
	WS355521T	.217	M3.5×0.6	.807	.154	T15	60	49	
	WS406023T	.236	M4×0.7	.866	.173	T25	60	75	
	WS406024T	.236	M4×0.7	.906	.173	T25	60	75	
	WS508026T	.315	M5×0.8	.984	.205	T27	60	106	
	WS508027T	.315	M5×0.8	1.024	.205	T27	60	106	
	WS203107TPS	.120	M2×0.25	.287	.067	6IP	60	8.9	
	WS203108TPS	.120	M2×0.25	.327	.075	6IP	60	8.9	
	WS253909TPS	.152	M2.5×0.35	.374	.094	8IP	60	18	
	WS304912TPS	.191	M3×0.35	.472	.128	10IP	60	22	
	HBH04008	.295	M4×0.7	.417	.110	.098	—	0.8	PMF (⌀L291) Portaherramienta HSK-T (⌀H001)
	HBH06012	.413	M6×1	.630	.157	.157	—	4	
	HBH06020	.413	M6×1	.945	.157	.157	—	4	
	HBH08040	.551	M8×1.25	1.772	.197	.197	—	6.8	

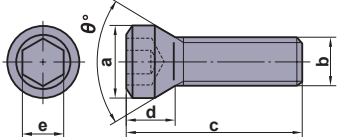
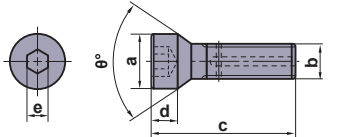
REFACCIONES

TORNILLO PARA MORDAZA

Geometría	Descripción	Dimensiones (plgs)						Torque (lbf-ft)	Portaherramienta
		a	b	c	d	e	θ°		
	HSS04004G	—	M4×0.7	.157	—	.079	—	1	Portaherramienta HSK-T (H001) MX (M176) FMAX (L070)
	HSS05004	—	M5×0.8	.197	—	.098	—	4	
	HSS05005G	—	M5×0.8	.197	—	.098	—	4	
	HSS06006	—	M6×1	.236	—	.118	—	6.8	
	HSS06006G	—	M6×1	.236	—	.118	—	6.8	
	HSS08008G	—	M8×1.25	.315	—	.157	—	16	
	HSS05006	—	M5×0.8	.236	—	.098	—	4	
	HSS05012	—	M5×0.8	.472	—	.098	—	4	
	HSS06008	—	M6×1	.315	—	.118	—	6.8	
	HSS08005	—	M8×1.25	.197	—	.157	—	16	
	HSS08006	—	M8×1.25	.236	—	.157	—	16	
	HSS08008	—	M8×1.25	.315	—	.157	—	16	
	HSS08010	—	M8×1.25	.394	—	.157	—	16	
	HSS08012	—	M8×1.25	.472	—	.157	—	16	
	HSS10010	—	M10×1.5	.394	—	.197	—	33	
	HSS10012	—	M10×1.5	.472	—	.197	—	33	
	HSS10016	—	M10×1.5	.630	—	.197	—	33	
	HSS12016	—	M12×1.75	.630	—	.236	—	56	
	HSS12018	—	M12×1.75	.709	—	.236	—	56	
	HSS12025	—	M12×1.75	.984	—	.236	—	56	
	HSS12030	—	M12×1.75	1.181	—	.236	—	56	
	HSS14030	—	M14×2	1.181	—	.236	—	56	
	HSS14035	—	M14×2	1.378	—	.236	—	56	
	HSS16012	—	M16×2	.472	—	.315	—	140	
	HSS16020	—	M16×2	.787	—	.315	—	140	

TORNILLO DE SUJECION

Geometría	Descripción	Dimensiones (plgs)						Torque (lbf-ft)	Portaherramienta
		a	a'	b	c	d	e		
	HDS10031	M10x1.0	M10x1.5	1.220	.551	.472	.197	80	PMF (L291)
	HDSU37513	5/16-32UNEF	3/8-24UNF	1.260	.472	.433	.156	54	BOE (L256) BRP (L252)

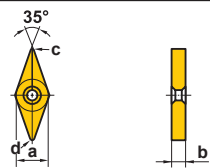
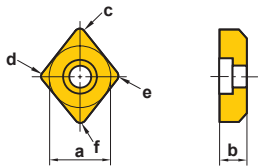
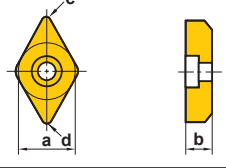
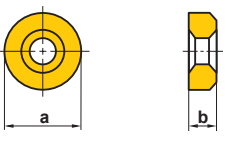
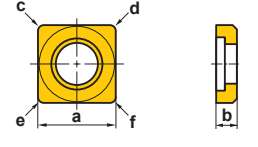
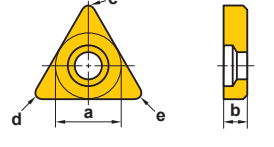
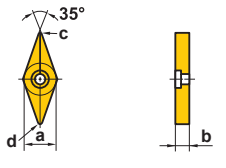
Geometría	Descripción	Dimensiones (plgs)						Torque (lbf-ft)	Portaherramienta
		a	b	c	d	e	θ°		
	BOE4S06U	.562	3/8-24UNF	1.358	.374	.313	60	29	BOE (L256)
	HFF08043H	.433	M8×1.25	1.693	.197	.197	90	73	AXD4000 (L156) BXD4000 (L176)

TORNILLO DE SUJECION

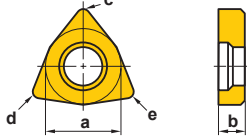
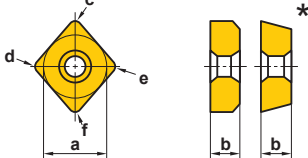
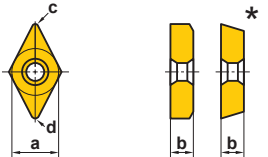
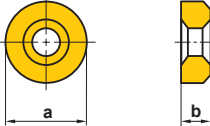
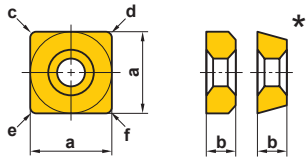
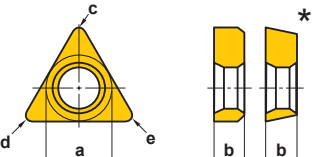
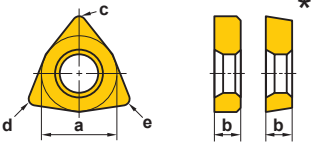
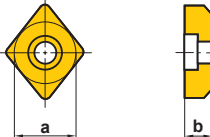
Geometría	Descripción	Dimensiones (plgs)						Torque (lbf-ft)	Portaherramienta
		a	b	c	d	e	θ°		
	HSCU25011H	.370	1/4-28UNF	1.347	.250	.156	—	120	WSX445 (⊙L018) AJX (⊙L206) APX3000 (⊙L096) APX4000 (⊙L110) AXD7000 (⊙L166) BXD4000 (⊙L176)
	HSCU25014H	.370	1/4-28UNF	1.647	.250	.156	—	120	
	HSCU37513H	.562	3/8-24UNF	1.625	.375	.250	—	348	
	HSCU50014H	.750	1/2-20UNF	1.875	.500	.375	—	708	
	HSCU62516H	.938	5/8-18UNF	2.250	.625	.500	—	960	
	HSCU75016H	1.125	3/4-16UNF	2.375	.750	.625	—	1320	
	HSCUF25013	.375	1/4-28UNF	1.500	.250	.188	—	120	APX4000 (⊙L110) SPX (⊙L180)
	HSCUF37513	.562	3/8-24UNF	1.625	.375	.313	—	348	
	HSCUF37520	.562	3/8-24UNF	2.375	.375	.313	—	348	
	HSCUF50014	.750	1/2-20UNF	1.875	.500	.375	—	708	
	HSCUF50018	.750	1/2-20UNF	2.250	.500	.375	—	708	
	HSCUF50023	.750	1/2-20UNF	2.725	.500	.375	—	708	
	HSCUF50028	.750	1/2-20UNF	3.248	.500	.375	—	708	
	HSCUF62518	.938	5/8-18UNF	2.375	.625	.500	—	960	
	HSCUF62535	.938	5/8-18UNF	4.125	.625	.500	—	960	
	HSCUF62528	.938	5/8-18UNF	3.373	.625	.500	—	960	
	HSCUC62523	.938	5/8-11UNS	2.875	.625	.500	—	960	
	HSCUC75025	1.125	3/4-10UNS	3.250	.750	.625	—	1320	
	HSC08025H	.512	M8×1.25	1.299	.315	.197	—	212	WSX445 (⊙L018) APX3000 (⊙L096) APX4000 (⊙L110) AXD4000 (⊙L156) AXD7000 (⊙L166) AJX (⊙L206) BXD4000 (⊙L176) VFX5 (⊙L186) VFX6 (⊙L190)
	HSC08030H	.512	M8×1.25	1.496	.315	.197	—	212	
	HSC10030H	.630	M10×1.5	1.575	.394	.236	—	354	
	HSC12035H	.709	M12×1.75	1.850	.472	.394	—	708	
	HSC16040H	.945	M16×2	2.205	.630	.551	—	1328	
	HSC05030	.335	M5×0.8	1.181	.197	.157	—	48	APX4000 (⊙L110) PMF (⊙L291) PMR (⊙L290) SPX (⊙L180) VFX6 (⊙L190) Serie GY (⊙F001)
	HSC08040	.512	M8×1.25	1.890	.315	.236	—	212	
	HSC08050	.512	M8×1.25	2.283	.315	.236	—	212	
	HSC10035	.630	M10×1.5	1.772	.394	.236	—	390	
	HSC10045	.630	M10×1.5	2.165	.394	.315	—	390	
	HSC10050	.630	M10×1.5	2.362	.394	.315	—	390	
	HSC10055	.630	M10×1.5	2.559	.394	.315	—	390	
	HSC12035	.709	M12×1.75	1.850	.472	.394	—	708	
	HSC12040	.709	M12×1.75	2.047	.472	.394	—	672	
	HSC12045	.709	M12×1.75	2.244	.472	.394	—	708	
	HSC12070	.709	M12×1.75	3.228	.472	.394	—	708	
	HSC16040	.945	M16×2.0	2.205	.630	.551	—	1328	
	HSC16065	.945	M16×2.0	3.189	.630	.551	—	1680	
	HSC16080	.945	M16×2.0	3.780	.630	.551	—	1328	
	HSC20040	1.181	M20×2.5	2.362	.787	.669	—	2832	
	HSC20090	1.181	M20×2.5	4.331	.787	.669	—	2832	
	HSCX12030H	.945	M12×1.75	1.457	.275	.315	—	354	FMAX (⊙L070)
	HSCX16035H	1.181	M16×1	1.732	.354	.472	—	885	
	HSCX20035H	1.417	M20×2.5	1.818	.433	.551	—	1593	
	HSCXU50012H	.945	1/2-20UNF	1.496	.315	.375	—	708	FMAX (⊙L070)
	HSCXU62514H	1.181	5/8-18UNF	1.732	.354	.500	—	960	
	HSCXU75017H	1.417	3/4-16UNF	2.126	.433	.625	—	1320	
	MBAU75016H	2.000	3/4-16UNF	2.188	.563	.625	—	2832	AJX (⊙L206) AXD7000 (⊙L166)
	MBAU100016H	2.593	1-14UNS	2.188	.563	.625	—	4608	
	MBA16033H	1.575	M16×2	1.693	.394	.551	—	1328	AJX (⊙L206) APX4000 (⊙L110) AXD4000 (⊙L156) AXD7000 (⊙L166) BXD4000 (⊙L176)
	MBA20040H	1.969	M20×2.5	2.126	.551	.669	—	2832	
	MBA24045H	2.559	M24×3.0	2.323	.551	.669	—	4603	
	HGM-PT1/8	—	1/8-28	.276	—	.197	—	33	Portaherramienta HSK-T (⊙H001)

REFACCIONES

ASIENTO

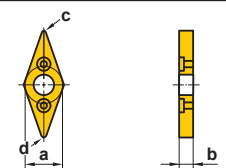
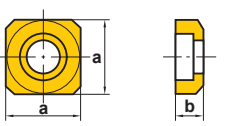
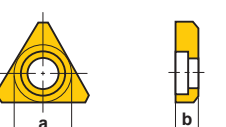
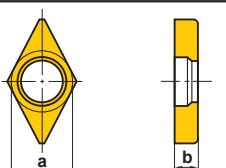
Geometría	Descripción	Dimensiones (plgs)						Portaherramienta
		a	b	c	d	e	f	
	DCSVN32	.375	.125	.031	.047	—	—	Portaherramienta DOUBLE CLAMP (☞C024) DOUBLE CLAMP BARRA DIMPLE (☞E023)
	ICSN322	.375	.125	.031	.031	.031	.031	Portaherramienta tipo M (☞C007) Barra de Mandrinado tipo M (☞E024)
	ICSN432	.500	.188	.031	.031	.031	.031	
	ICSN433	.500	.188	.047	.047	.047	.047	
	ICSN533	.625	.188	.047	.047	.047	.047	
	ICSN633	.750	.188	.047	.047	.047	.047	
	IDSN322	.375	.125	.031	.031	—	—	Portaherramienta tipo M (☞C010) Barra de Mandrinado tipo M (☞E024)
	IDSN433	.500	.188	.047	.047	—	—	
	IDSN533	.625	.188	.047	.047	—	—	
	IDSN543	.625	.250	.047	.047	—	—	
	IRSN32	.375	.125	—	—	—	—	Portaherramienta tipo M (☞C013)
	IRSN43	.500	.188	—	—	—	—	
	IRSN44	.500	.250	—	—	—	—	
	IRSN63	.750	.188	—	—	—	—	
	ISSN322	.375	.125	.031	.031	.031	.031	Portaherramienta tipo M (☞C014) Barra de Mandrinado tipo M (☞E025)
	ISSN323	.375	.125	.047	.047	.047	.047	
	ISSN433	.500	.188	.047	.047	.047	.047	
	ISSN434	.500	.188	.063	.063	.063	.063	
	ISSN443	.500	.250	.047	.047	.047	.047	
	ISSN533	.625	.188	.047	.047	.047	.047	
	ISSN633	.750	.188	.047	.047	.047	.047	
	ISSN634	.750	.188	.063	.063	.063	.063	
	ISSN643	.750	.250	.047	.047	.047	.047	
	ISSN644	.750	.250	.063	.063	.063	.063	
	ISSN846	1.000	.250	.094	.094	.094	.094	
	ITSN322	.375	.125	.031	.031	.031	—	Portaherramienta tipo M (☞C018) Barra de Mandrinado tipo M (☞E025)
	ITSN323	.375	.125	.047	.047	.047	—	
	ITSN324	.375	.125	.063	.063	.063	—	
	ITSN332	.375	.188	.031	.031	.031	—	
	ITSN333	.375	.188	.047	.047	.047	—	
	ITSN334	.375	.188	.063	.063	.063	—	
	ITSN432	.500	.188	.031	.031	.031	—	
	ITSN434	.500	.188	.063	.063	.063	—	
	ITSN438	.500	.188	.125	.125	.125	—	
	ITSN533	.625	.188	.047	.047	.047	—	
	ITSN534	.625	.188	.063	.063	.063	—	
	ITSN633	.750	.188	.047	.047	.047	—	
	ITSN636	.750	.188	.094	.094	.094	—	
	IVSN322	.375	.125	.031	.031	—	—	Portaherramienta tipo M (☞C024) Barra de Mandrinado tipo M (☞E026)
	IVSN432	.500	.188	.031	.031	—	—	
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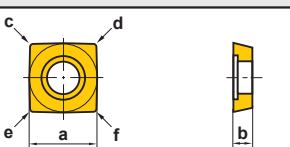
ASIENTO

Geometría	Descripción	Dimensiones (plgs)						Portaherramienta
		a	b	c	d	e	f	
	IWSN322	.375	.125	.031	.031	.031	—	Portaherramienta tipo M (☺C027) Barra de Mandrinado tipo M (☺E026)
	IWSN432	.500	.188	.031	.031	.031	—	
	IWSN533	.625	.188	.047	.047	.047	—	
	LLSCN32	.375	.125	.016	.016	.031	.031	Portaherramienta tipo DOUBLE CLAMP (☺C006) DOUBLE CLAMP BARRA DIMPLE (☺E021) Portaherramienta HSK-T (☺H001)
	LLSCN33	.375	.188	.016	.016	.031	.031	
	LLSCN42	.500	.125	.031	.031	.047	.047	
	* LLSCP32	.375	.125	.016	.016	.031	.031	
	* LLSCP42	.500	.125	.031	.031	.047	.047	
	LLSDN32	.375	.125	.031	.047	—	—	Portaherramienta tipo DOUBLE CLAMP (☺C010) DOUBLE CLAMP BARRA DIMPLE (☺E021) Portaherramienta HSK-T (☺H001)
	LLSDN42	.500	.125	.031	.047	—	—	
	LLSDN43	.500	.188	.031	.047	—	—	
	* LLSDP42	.500	.125	.031	.047	—	—	
	LLSRN123	.386	.125	—	—	—	—	Portaherramienta tipo DOUBLE CLAMP (☺C013) Portaherramienta HSK-T (☺H001)
	LLSSN42	.500	.125	.031	.031	.047	.047	Portaherramienta tipo DOUBLE CLAMP (☺C014) DOUBLE CLAMP BARRA DIMPLE (☺E022)
	* LLSSP42	.500	.125	.031	.031	.047	.047	
	LLSTN32	.375	.125	.016	.031	.047	—	Portaherramienta tipo DOUBLE CLAMP (☺C018) DOUBLE CLAMP BARRA DIMPLE (☺E022)
	LLSTN33	.375	.188	.016	.031	.047	—	
	* LLSTP32	.375	.125	.016	.031	.047	—	
	LLSWN32	.375	.125	.016	.031	.047	—	Portaherramienta tipo DOUBLE CLAMP (☺C027) DOUBLE CLAMP BARRA DIMPLE (☺E023)
	LLSWN33	.375	.188	.016	.031	.047	—	
	LLSWN42	.500	.125	.016	.031	.047	—	
	* LLSWP42	.500	.125	.016	.031	.047	—	
	SPSCN42	.500	.125	—	—	—	—	Portaherramienta tipo SP (☺C030)

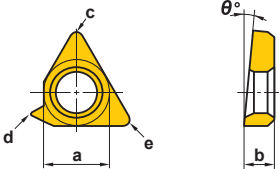
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ASIENTO

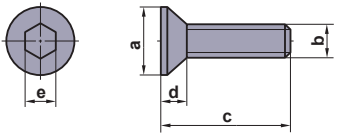
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		a	b	c	d	e	f	
	SPSVN32	.317	.125	.012	.012	—	—	Portaherramienta tipo SP (C036) Portaherramienta HSK-T (H001)
	SPSSN42	.468	.125	—	—	—	—	Portaherramienta tipo SP (C034)
	SPSTN32	.352	.125	—	—	—	—	Portaherramienta tipo SP (C035)
	SPSDN32	.342	.125	—	—	—	—	Portaherramienta tipo SP (C031)

Geometría	Descripción	Dimensiones (plgs)						Portaherramienta
		a	b	c	d	e	f	
	STASX400N	.433	.118	.015	.015	.015	.015	ASX400 (L082)
	STASX445N	.424	.118	—	—	—	—	ASX445 (L030)

ASIENTO

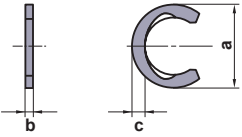
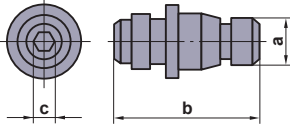
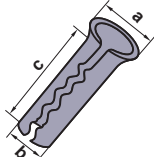
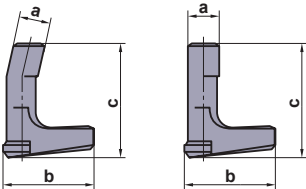
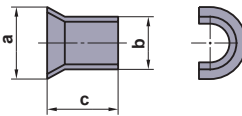
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		a	b	c	d	e	θ°	
	CTE32TN15	.375	.128	.031	.016	.031	2.955	MMTE (G021) MMTI (G026) Portaherramienta HSK-T (H001)
	CTE32TN05	.375	.128	.031	.016	.031	1.970	
	CTE32TP05	.375	.126	.031	.016	.031	.985	
	CTE32TP15	.375	.125	.031	.016	.031	0	
	CTE32TP25	.375	.133	.031	.016	.031	-.985	
	CTE32TP35	.375	.141	.031	.016	.031	-1.970	
	CTE32TP45	.375	.149	.031	.016	.031	-2.995	
	CTI32TN15	.375	.128	.031	.016	.031	2.898	
	CTI32TN05	.375	.128	.031	.016	.031	1.932	
	CTI32TP05	.375	.126	.031	.016	.031	.966	
	CTI32TP15	.375	.125	.031	.016	.031	0	
	CTI32TP25	.375	.133	.031	.016	.031	-.966	
	CTI32TP35	.375	.141	.031	.016	.031	-1.932	
	CTI32TP45	.375	.146	.031	.016	.031	-2.898	
	CTE43TN15	.500	.192	.039	.024	.039	2.955	
	CTE43TN05	.500	.191	.039	.024	.039	1.970	
	CTE43TP05	.500	.189	.039	.024	.039	.985	
	CTE43TP15	.500	.187	.039	.024	.039	0	
	CTE43TP25	.500	.198	.039	.024	.039	-.985	
	CTE43TP35	.500	.209	.039	.024	.039	-1.970	
	CTE43TP45	.500	.219	.039	.024	.039	-2.995	
	CTI43TN15	.500	.192	.039	.024	.039	2.898	
	CTI43TN05	.500	.191	.039	.024	.039	1.932	
	CTI43TP05	.500	.189	.039	.024	.039	.966	
	CTI43TP15	.500	.187	.039	.024	.039	0	
	CTI43TP25	.500	.198	.039	.024	.039	-.966	
	CTI43TP35	.500	.208	.039	.024	.039	-1.932	
	CTI43TP45	.500	.219	.039	.024	.039	-2.898	

TORNILLO DE SUJECION

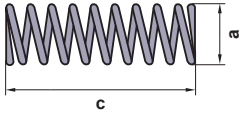
Geometría	Descripción	Dimensiones (plgs)					Torque (lbf-ft)	Portaherramienta
		a	b	c	d	e		
	HFC03006	.118	M3×0.5	.236	.067	.079	6	MMTE (G021) MMTI (G026) Portaherramienta HSK-T (H001)
	HFC03008	.118	M3×0.5	.315	.067	.079	6	
	HFC04008	.157	M4×0.7	.315	.091	.098	10	
	HFC04010	.157	M4×0.7	.394	.091	.098	10	

REFACCIONES

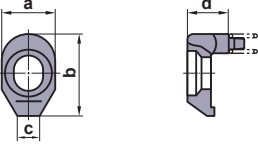
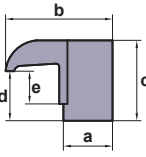
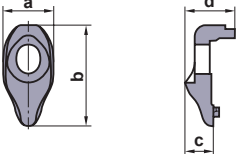
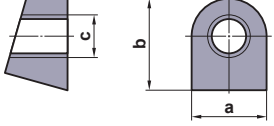
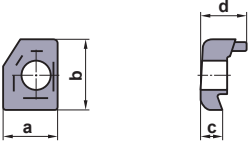
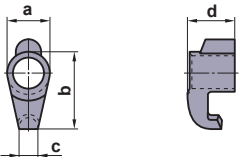
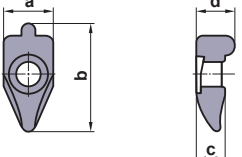
PERNO / PASADOR / PALANCA

Geometría	Descripción	Dimensiones (plgs)			Portaherramienta
		a	b	c	
	CR4	.262	.016	.041	MMTE (☞G021) MMTI (☞G026) Portaherramienta HSK-T (☞H001)
	CR5	.304	.026	.045	
	NL23	.313—1.260	.313	.063	Portaherramienta tipo M (☞C007) Barra de Mandrinado tipo M (☞E024)
	NL33	.313—1.260	.347	.078	
	NL33L	.394—1.260	.406	.078	
	NL34	.394—1.260	.453	.078	
	NL34L	.394—1.260	.500	.078	
	NL43	.394—1.260	.422	.078	
	NL44	.250—1.102	.516	.094	
	NL46	.250—1.102	.688	.094	
	NL56	.313—.945	.703	.125	
	NL58	.313—.945	.844	.125	
	NL68	.375—.945	.875	.141	
	NL68L	.375—.945	.938	.141	
	NL810	.438—.787	.813	.156	
	BCP141	.118	.055	.220	Portaherramienta tipo SP (☞C036) Portaherramienta HSK-T (☞H001)
	LLCL14	.185	.528	.520	Portaherramienta HSK-T (☞H001)
	LLCL24	.185	.638	.583	
	* LLCL112	.138	.512	.531	
	LLP13	.219	.191	.209	Portaherramienta tipo DOUBLE CLAMP (☞C006) DOUBLE CLAMP BARRA DIMPLE (☞E021) Portaherramienta HSK-T (☞H001)
	LLP14	.285	.258	.228	
	LLP23	.219	.191	.268	
	LLP24	.285	.258	.358	

RESORTE

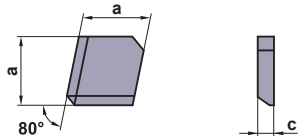
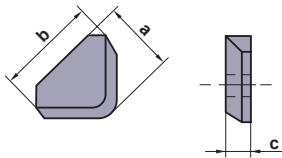
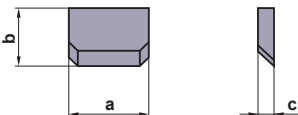
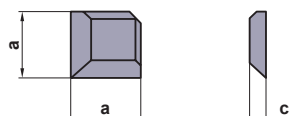
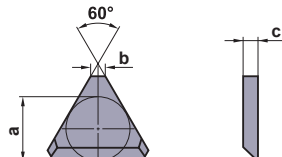
Geometría	Descripción	Dimensiones (plgs)		Portaherramienta
		a	c	
	DCS1	.335	.433	Portaherramienta tipo DOUBLE CLAMP (☞C006) DOUBLE CLAMP BARRA DIMPLE (☞E021) Portaherramienta HSK-T (☞H001)
	MES3	.307	.394	

MORDAZA

Geometría	Descripción	Dimensiones (plgs)					Portaherramienta
		a	b	c	d	e	
	AMS3	.276	.472	.118	.130	—	AJX (ⒺL206) PMC (ⒺL288)
	AMS4	.354	.531	.118	.150	—	
	AMS5	.394	.590	.136	.197	—	
	CL6	.310	.580	.440	.062	.094	Portaherramienta tipo M (ⒺC007) Barra de Mandrinado tipo M (ⒺE024)
	CL7	.310	.640	.310	.062	—	
	CL9	.430	.750	.660	.344	.125	
	CL12	.430	.880	.660	.344	.125	
	CL19	.310	.550	.310	.187	—	
	CL20	.375	.730	.380	.125	—	
	CL24	.491	1.000	.785	.453	.136	
	CL30	.430	1.000	.660	.344	.125	
	DCK2211	.433	.866	.259	.357	—	Portaherramienta tipo DOUBLE CLAMP (ⒺC006) DOUBLE CLAMP BARRA DIMPLE (ⒺE021) Portaherramienta HSK-T (ⒺH001)
	DCK2613	.512	1.043	.289	.407	—	
	DCK3113	.512	1.220	.354	.472	—	
	KGC1	.402	.590	M7×0.75	—	—	
	MTK1R/L	.512	.689	.197	.472	—	Portaherramienta HSK-T (ⒺH001)
	SETK51	.268	.571	.114	.315	—	MMTE (ⒺG021) MMTI (ⒺG026) Portaherramienta HSK-T (ⒺH001)
	SETK61	.350	.713	.161	.339	—	
	SRK1R	.370	.827	.216	.295	—	

REFACCIONES

ROMPE VIRUTAS

Geometría	Descripción	Dimensiones (plgs)					Portaherramienta
		a	b	c	C.I. de Inserto	Ancho del rompe viruta	
	CBC4	.440	—	.062	.500	—	Portaherramienta tipo M Barra de Mandrinado tipo M
	CBR4	.421	.560	.120	.500	—	Portaherramienta tipo M
	CBS3	.370	.315	.059	.375	.059	Portaherramienta tipo M Barra de Mandrinado tipo M
	CBS4	.496	.362	.098	.500	.138	
	CBS3D	.315	—	.059	.375	.059	Portaherramienta tipo M
	CBS4D	.402	—	.098	.500	.098	
	CBT3	.283	.055	.098	.375	.138	Portaherramienta tipo M Barra de Mandrinado tipo M

Forma	Descripción	Existencia	PESO (oz)
	MK1KS	●	0.1

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