

Machos Korloy *Tap-Star*

Machos para trabajos de alto rendimiento

- Fabricados con acero rápido (HSS) de alta tenacidad para resistir el astillamiento
- Optimo diseño de formas para permitir una variedad de cortes



Características del material

» Resistencia al astillado superior

- Reduce el astillado al contar con sustrato endurecido
- Ángulo con tratamiento de bordes

» Forma óptima

- La forma del corte permite una mejor evacuación de la viruta
- Ángulo óptimo

» Recubrimiento resistente superior

- Recubrimiento TiAlN con alta resistencia a la oxidación por temperatura

» Eficiencia de la herramienta

- Permite reducir costos al ser una herramienta de la mejor calidad y alta productividad



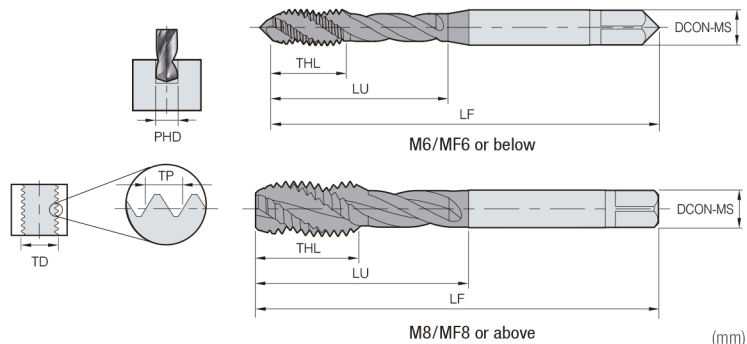
☑ Sistema de código

S	V	Q	A	M	06	100	25	(S)
Tap-Star	Substrate V: HSSE	Type	Surface treatment	Thread	Size	Pitch	Chamfer length	Oil groove
		G: Straight (DIN) D: Point (DIN) Q: Spiral (DIN) M: Roll (DIN) S: Straight (JIS) P: Spiral (JIS) N: Point (JIS) R: Roll (JIS) F: Spiral Roll (JIS)	A: TiAlN N: Nitride H: Homo O: Bright T: TiN C: TiCN	M: Meter thread	06: M6 12: M12	050: 0.5 100: 1.0 150: 1.5	15: 1.5P 20: 2.0P 25: 2.5P 40: 4.0P 50: 5.0P	S: 1 oil groove M: 4 oil grooves

SVQOM

Macho helicoidal

- DIN
- SFT
- Bright
- N
- C form
- M MF
- 6H
- HSSE



Designation	TDZ	TP	LU	CZC-MS	DCON-MS	TD	LF	THL	NOF	PHD	BSG
SVQOM 1615025	MF16	1.5	52	12 x 9	12	16	100	18	3	14.5	DIN374
1815025	MF18	1.5	55	14 x 11	14	18	110	18	4	16.5	DIN374
1820025	MF18	2	55	14 x 11	14	18	125	22	4	16	DIN374

• Materiales aplicables

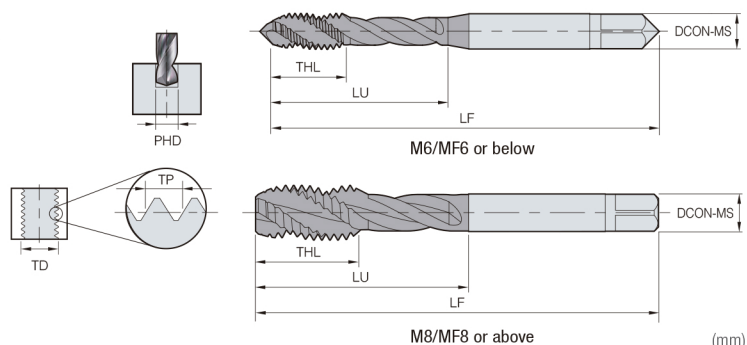
◎ : Excellent ○ : Good

Division	Carbon steel			Alloy steel	Quenched and tempered steel			Stainless steel	Tool steel	Cast steel	Cast iron	Ductile cast iron	Copper	Brass	Brass cast	Bronze	Aluminum rolled material	Aluminum cast, alloyed	Magnesium cast, alloyed	Zinc cast, alloyed	Titanium alloy	Nickel alloy	Thermo setting plastic	Thermo plastic
DIN	~C25	C25~C45	C45~	CrMoS4	25~45 Hrc	45~55 Hrc	50~60 Hrc	CrNi	X30W CrV9.3	GS	GG	GGG	Cu	17660	17660	CAC	AWxx	G-AlSi, GD-AlMg	MC	-	Ti	Ni	Bakelite phenol epoxy	Nylon vinyl chloride
JIS	~S25C	S25C~S45C	S45C~	SCM				SUS	SKD	SC	FC	FCD	Cu	Bs	BsC	CAC	Axx	AC, ALDC	MC	ZDC	Ti	Ni		
													◎	◎	◎	◎	◎	◎	○	○			◎	

SVQNM

Macho helicoidal

- DIN
- SFT
- Nitride
- M(H)
- C form
- M MF
- 6H
- HSSE



Designation	TDZ	TP	LU	CZC-MS	DCON-MS	TD	LF	THL	NOF	PHD	BSG
SVQNM 0305025	M3	0.5	17	3.5 x 2.7	3.5	3	56	6	3	2.5	DIN371
0407025	M4	0.7	20.5	4.5 x 3.4	4.5	4	63	7.5	3	3.3	DIN371
0508025	M5	0.8	25	6 x 4.9	6	5	70	9	3	4.2	DIN371
0610025	M6	1	26	6 x 4.9	6	6	80	11	3	5	DIN371
0812525	M8	1.25	34	8 x 6.2	8	8	90	13	3	6.8	DIN371
1015025	M10	1.5	38	10 x 8	10	10	100	16	3	8.5	DIN371
1217525	M12	1.75	40	9 x 7	9	12	110	18	3	10.2	DIN376
1620025	M16	2	52	12 x 9	12	16	110	20	4	14	DIN376
2430025	M24	3	66	18 x 14.5	18	24	160	28	4	21	DIN376

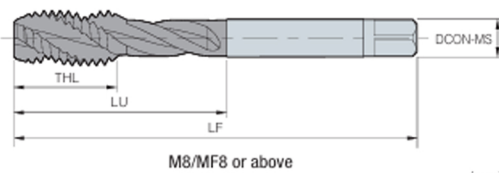
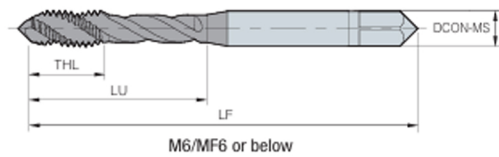
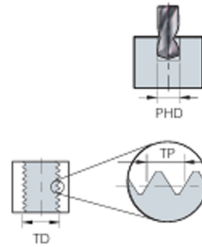
• Materiales aplicables

◎ : Excellent ○ : Good

Division	Carbon steel			Alloy steel	Quenched and tempered steel			Stainless steel	Tool steel	Cast steel	Cast iron	Ductile cast iron	Copper	Brass	Brass cast	Bronze	Aluminum rolled material	Aluminum cast, alloyed	Magnesium cast, alloyed	Zinc cast, alloyed	Titanium alloy	Nickel alloy	Thermo setting plastic	Thermo plastic
DIN	~C25	C25~C45	C45~	CrMoS4	25~45 Hrc	45~55 Hrc	50~60 Hrc	CrNi	X30W CrV9.3	GS	GG	GGG	Cu	17660	17660	CAC	AWxx	G-AlSi, GD-AlMg	MC	-	Ti	Ni	Bakelite phenol epoxy	Nylon vinyl chloride
JIS	~S25C	S25C~S45C	S45C~	SCM				SUS	SKD	SC	FC	FCD	Cu	Bs	BsC	CAC	Axx	AC, ALDC	MC	ZDC	Ti	Ni		
								◎	○	○	○	◎						○			○	○	○	

SVQAM

DIN SFT **TiAIN** P(K) C form M MF 6H HSSE

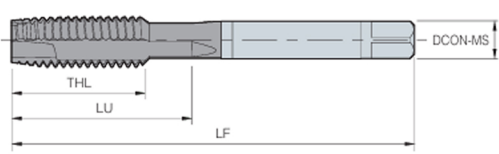
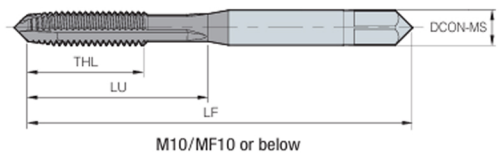
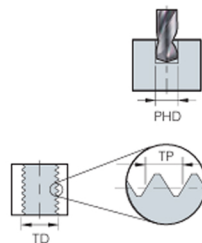


(mm)

Designation	TDZ	TP	LU	CZC-MS	DCON-MS	TD	LF	THL	NOF	PHD	BSG
SVQAM 0407025	M4	0.7	20.5	4.5 x 3.4	4.5	4	63	7.5	3	3.3	DIN371
0508025	M5	0.8	25	6 x 4.9	6	5	70	9	3	4.2	DIN371
0610025	M6	1	26	6 x 4.9	6	6	80	11	3	5	DIN371
0812525	M8	1.25	34	8 x 6.2	8	8	90	13	3	6.8	DIN371
1015025	M10	1.5	38	10 x 8	10	10	100	16	3	8.5	DIN371
1217525	M12	1.75	40	9 x 7	9	12	110	18	3	10.2	DIN376
1420025	M14	2	45	11 x 9	11	14	110	20	4	12	DIN376
1620025	M16	2	52	12 x 9	12	16	110	20	4	14	DIN376
1825025	M18	2.5	55	14 x 11	14	18	125	22	4	15.5	DIN376
2025025	M20	2.5	58	16 x 12	16	20	140	25	4	17.5	DIN376
2225025	M22	2.5	63	18 x 14.5	18	22	140	25	4	19.5	DIN376
1010025	MF10	1	38	7 x 5.5	7	10	90	14	3	9	DIN374

SVDAM

DIN SPT **TiAIN** P(K) B form M MF 6H HSSE



(mm)

Designation	TDZ	TP	LU	CZC-MS	DCON-MS	TD	LF	THL	NOF	PHD	BSG
SVDAM 0305050	M3	0.5	18	3.5 x 2.7	3.5	3	56	11	3	2.5	DIN371
0407050	M4	0.7	21	4.5 x 3.4	4.5	4	63	13	3	3.3	DIN371
0508050	M5	0.8	25	6 x 4.9	6	5	70	16	3	4.2	DIN371
0610050	M6	1	30	6 x 4.9	6	6	80	19	3	5	DIN371
1420050	M14	2	45	11 x 9	11	14	110	30	3	12	DIN376
1620050	M16	2	52	12 x 9	12	16	110	32	3	14	DIN376
1825050	M18	2.5	55	14 x 11	14	18	125	34	3	15.5	DIN376
2025050	M20	2.5	58	16 x 12	16	20	140	34	4	17.5	DIN376
2225050	M22	2.5	63	18 x 14.5	18	22	140	34	4	19.5	DIN376
2430050	M24	3	66	18 x 14.5	18	24	160	38	4	21	DIN376

• Materiales aplicables

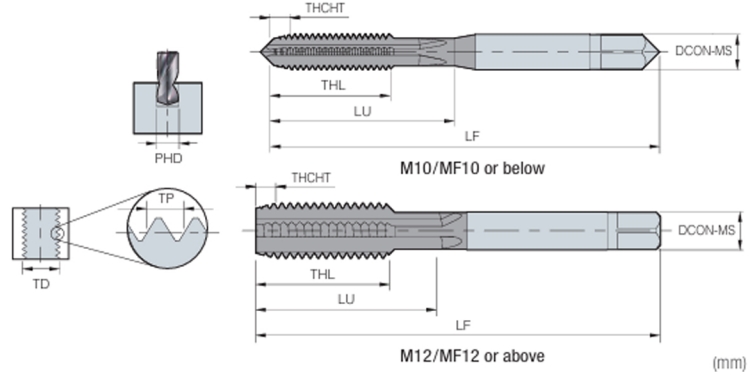
◎ : Excellent ○ : Good

Division	Carbon steel			Alloy steel	Quenched and tempered steel			Stainless steel	Tool steel	Cast steel	Cast iron	Ductile cast iron	Copper	Brass	Brass cast	Bronze	Aluminum rolled material	Aluminum cast, alloyed	Magnesium cast, alloyed	Zinc cast, alloyed	Titanium alloy	Nickel alloy	Thermo setting plastic	Thermo plastic
DIN	~C25	C25~C45	C45~	CrMoS4	25~45 Hrc	45~55 Hrc	50~60 Hrc	CrNi	X30W CrV9.3	GS	GG	GGG	Cu	17660	17660	CAC	AWxx	G-ALSi, GD-ALMg	MC	-	Ti	Ni	Bakelite phenol epoxy	Nylon vinyl chloride
JIS	~S25C	S25C~S45C	S45C~	SCM				SUS	SKD	SC	FC	FCD	Cu	Bs	BsC	CAC	Axx	ALDC	MC	ZDC	Ti	Ni		
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SVGAM

Macho recto

- DIN
- STT
- TiAIN
- K
- B/E form
- M MF
- 6H
- HSSE



Designation	TDZ	TP	LU	CZC-MS	DCON-MS	TD	LF	THL	NOF	PHD	BSG	THCHT
SVGAM 0407015	M4	0.7	21	4.5 x 3.4	4.5	4	63	13	3	3.3	DIN371	E
0508015	M5	0.8	25	6 x 4.9	6	5	70	15	3	4.2	DIN371	E
0610015	M6	1	30	6 x 4.9	6	6	80	17	4	5	DIN371	E
0812515	M8	1.25	35	8 x 6.2	8	8	90	20	4	6.8	DIN371	E
1015015	M10	1.5	39	10 x 8	10	10	100	22	4	8.5	DIN371	E
1217515	M12	1.75	40	9 x 7	9	12	110	24	4	10.2	DIN376	E
1010015	MF10	1	39	7 x 5.5	7	10	90	18	4	9	DIN374	E

• Materiales aplicables

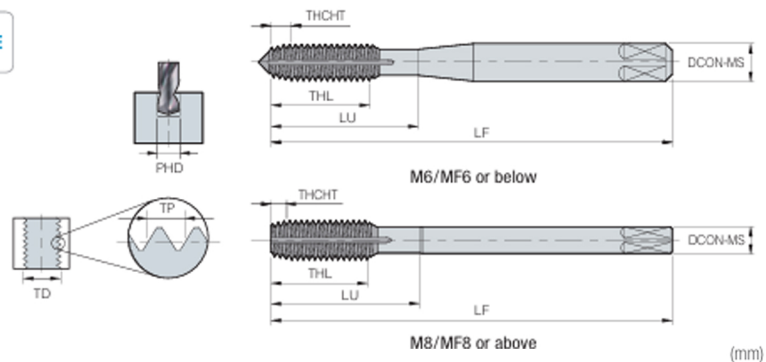
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Division	Carbon steel	Alloy steel	Quenched and tempered steel	Stainless steel	Tool steel	Cast steel	Cast iron	Ductile cast iron	Copper	Brass	Brass cast	Bronze	Aluminum rolled material	Aluminum cast, alloyed	Magnesium cast, alloyed	Zinc cast, alloyed	Titanium alloy	Nickel alloy	Thermo setting plastic	Thermo plastic
DIN	~C25 C25~C45	C45~CrMoS4	25~45 Hrc 45~55 Hrc 50~60 Hrc	CrNi	X30W CrV9.3	GS	GG	GGG	Cu	17660	17660	CAC	AWxx	G-AISI, GD-ALMg	MC	-	Ti	Ni	Bakelite phenol epoxy	Nylon vinyl chloride
JIS	~S25C S25C~S45C	S45C~SCM	○	SUS	SKD	SC	FC	FCD	Cu	Bs	BsC	CAC	Axx	AC, ALDC	MC	ZDC	Ti	Ni	○	◎

SVMTM

Macho laminador

- DIN
- RT
- TIN
- P(K)
- C/B form
- M
- 6HX
- HSSE



Designation	TDZ	TP	LU	CZC-MS	DCON-MS	TD	LF	THL	NOF	PHD	BSG	THCHT	Oil groove
SVMTM 0305020S	M3	0.5	18	3.5 x 2.7	4	3	56	11	4	2.76	2.81	DIN	C S
0407020S	M4	0.7	21	4.5 x 3.4	5	4	63	13	4	3.65	3.7	DIN	C S
0610020S	M6	1	30	6 x 4.9	6	6	80	17	4	5.48	5.57	DIN	C S

• Materiales aplicables

◎ : Excellent ○ : Good

Division	Carbon steel	Alloy steel	Quenched and tempered steel	Stainless steel	Tool steel	Cast steel	Cast iron	Ductile cast iron	Copper	Brass	Brass cast	Bronze	Aluminum rolled material	Aluminum cast, alloyed	Magnesium cast, alloyed	Zinc cast, alloyed	Titanium alloy	Nickel alloy	Thermo setting plastic	Thermo plastic
DIN	~C25 C25~C45	C45~CrMoS4	25~45 Hrc 45~55 Hrc 50~60 Hrc	CrNi	X30W CrV9.3	GS	GG	GGG	Cu	17660	17660	CAC	AWxx	G-AISI, GD-ALMg	MC	-	Ti	Ni	Bakelite phenol epoxy	Nylon vinyl chloride
JIS	~S25C S25C~S45C	S45C~SCM	○	SUS	SKD	SC	FC	FCD	Cu	Bs	BsC	CAC	Axx	AC, ALDC	MC	ZDC	Ti	Ni	○	◎