Gennaio 2017

Maschi Synchro

VP(O)-DC-MT SERIES

La velocità può essere >30m/min !

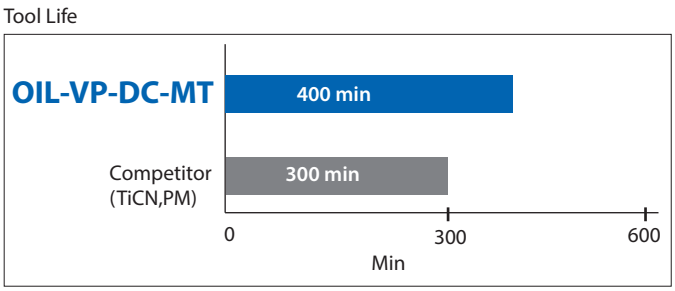
Feature of VP(O)-DC-MT Series

1. Synchro taps when speed can be > 30 m/min
2. For Cast iron and Aluminium
3. Short chamfer

Performance

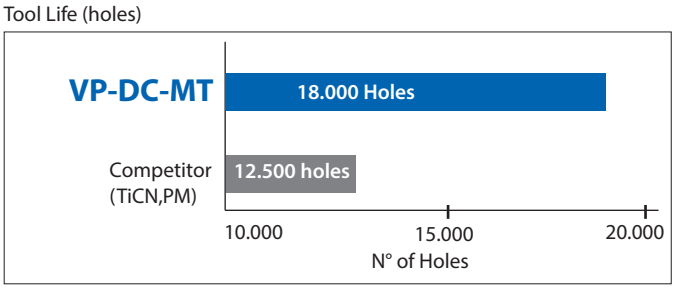
GGG40 Emulsion

Tool	OIL-VP-DC-MT (M16x1,5)
Tapping Length	26 mm (Blind & Through holes)
Tapping Speed	40 m/min (800U/min)
Coolant	Emulsion
Machine	Vertical Machining Center



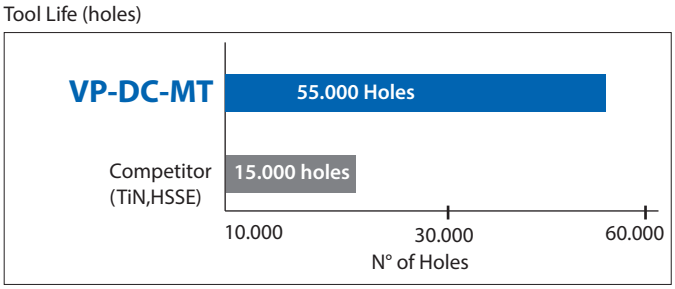
GG25 Dry Tapping

Tool	VP-DC-MT (M10x1,5)
Tapping Length	18 mm
Tapping Speed	49 m/min (1.560U/min)
Coolant	Dry
Machine	Vertical Machining Center



ADC Emulsion

Tool	VP-DC-MT (M10x1,5)
Tapping Length	30 mm
Tapping Speed	30 m/min (955U/min)
Coolant	Emulsion
Machine	Vertical Machining Center



VP-DC-MT

M | PM | V | ISO 2 6HX | C/2,5 | DIN 371

Maschi a macchina

- High performance
- Synchro taps when speed can be > 30 m/min
- For cast iron and aluminium

- High performance
- Synchro Bohrer > 30 m/min
- Für Grauguss und Aluminium

- Alta prestazione
- Maschi synchro. La velocità può essere > 30 m/min
- Per ghisa e alluminio

- Haute performance
- Tarauds synchro où la vitesse peut être > 30 m/min
- Pour fonte et aluminium

- Yüksek performans
- Kesme hızı > 30m/min olduğunda sekronize kılavuz
- Döküm ve alüminyum için

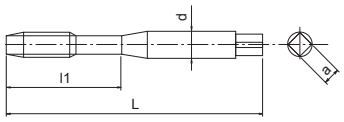
- High performance
- Synkro tappe når skærehastighed kan være > 30 m/min
- Til støbejern & aluminium

- High performance
- Synkro gängtappar när skärhastigheten är > 30 m / min
- För gjutjärn och aluminium

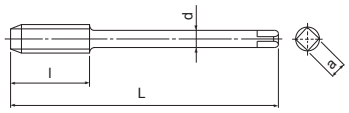
- Altas prestaciones
- Machos Synchro cuando la velocidad puede ser >30 m/min.
- Para fundición de hierro y aluminio

- Высокая производительность
- Синхро метчики со скоростью резания > 30 м/мин
- для чугуна и алюминия

- Wysoka wydajność
- Gwintownik SYNCHRO, Vc > 30 m/min
- Do żeliw i aluminium



EDP	M	P	L	l1	d	a	ZΔ	Price
48020138	3	0,5	56	18	3,5	2,7	3	21,50
48020144	4	0,7	63	21	4,5	3,4	3	21,90
48020149	5	0,8	70	25	6	4,9	3	22,30
48020155	6	1	80	30	6	4,9	3	22,40
48020161	8	1,25	90	35	8	6,2	4	26,00
48020169	10	1,5	100	39	10	8	4	30,10

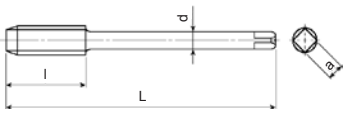


M | PM | V | ISO 2 6HX | C/2,5 | DIN 376

EDP	M	P	L	l	d	a	ZΔ	Price
48020179	12	1,75	110	21	9	7	4	45,30
48022191	14	2	110	24	11	9	4	48,60
48022202	16	2	110	24	12	9	4	57,70
48022214	18	2,5	125	30	14	11	4	75,10
48022228	20	2,5	140	30	16	12	4	86,00
T0809212	22	2,5	140	30	18	14,5	4	111,40
T0809214	24	3	160	36	18	14,5	4	138,20
T0809216	27	3	160	36	20	16	4	193,10
T0809217	30	3,5	180	42	22	18	4	303,40

VP-DC-SPT

G | PM | V | ISO 228 | C/2,5 | DIN 5156



EDP	G	P	L	l	d	a	ZΔ	Price
T0809220	G1/8	28	90	11	7	5,5	3	44,00
T0809221	G1/4	19	100	16	11	9	3	45,90
T0809222	G3/8	19	100	16	12	9	3	65,30
T0809223	G1/2	14	125	22	16	12	3	109,40
T1006046	G3/4	14	140	28	20	16	3	162,10

ZΔ= Number of flutes - Anzahl Schneiden - Numero di denti - Nombre de lèvres - Liczba ostrzy - Antal skær - Antal skär - Numero de ranuras - Число режущих кромок - Kanal sayısı

Applications - Anwendungen - Applicazioni - Applications - Applikation - Applikation - Aplicaciones - Применение - Uygulama - Zastosowania												
C≤0.2%	0.25<C≤0.4%	C≥0.45%	SCM	25~35 HRC	35~45 HRC	45~52 HRC	52~62 HRC	SUS	SKD	SC	GG	GGG
		○ 10~25 m/min	○ 10~20 m/min	○ 8~20 m/min	○ 8~20 m/min						◎ 15~60 m/min	◎ 15~40 m/min
Cu	BS	BsC	PB	Al	AC,ADC	MC	ZDC	Ti	Ni	Plast.	Vinyl	
	◎ 15~60 m/min	◎ 15~60 m/min	◎ 15~60 m/min		◎ 25~70 m/min	◎ 25~70 m/min	◎ 25~70 m/min					

VP-DC-MT

MF PM V ISO 2 6HX C/2,5 DIN 374

Maschi a macchina

- High performance
- Synchro taps when speed can be > 30 m/min
- For cast iron and aluminium

- High performance
- Synchro Bohrer > 30 m/min
- Für Grauguss und Aluminium

- Alta prestazione
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- Haute performance
- Tarauds synchro où la vitesse peut être > 30 m/min
- Pour fonte et aluminium

- Yüksek performans
- Kesme hızı > 30m/min olduğunda sekronize kılavuz
- Döküm ve alüminyum için

- High performance
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- Til støbejern & aluminium

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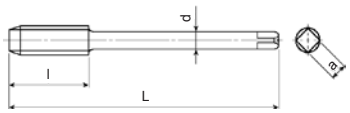
- Синхро метчики со скоростью резания > 30 м/мин
- для чугуна и алюминия

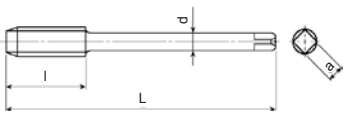
- Wysoka wydajność
- Gwintownik SYNCHRO, Vc > 30 m/min
- Do żeliw i aluminium



EDP	MF	P	L	l	d	a	ZΔ	Price
48023140	3	0,35	56	8	2,2	-	3	25,50
48023145	4	0,5	63	9	2,8	2,1	3	26,00
48023151	5	0,5	70	10	3,5	2,7	3	26,50
48023156	6	0,75	80	12	4,5	3,4	3	26,60
48023157	6	0,5	80	12	4,5	3,4	3	26,60
48023163	8	0,75	80	15	6	4,9	4	30,70
48023162	8	1	90	15	6	4,9	4	30,00
48023171	10	1	90	18	7	5,5	4	35,00
48023170	10	1,25	100	18	7	5,5	4	35,00
48023182	12	1	100	21	9	7	4	53,50
48023181	12	1,25	100	21	9	7	4	52,80
48023180	12	1,5	100	21	9	7	4	44,90
48023192	14	1,5	100	24	11	9	4	57,10
48023203	16	1,5	100	24	12	9	4	67,10
48023216	18	1,5	110	30	14	11	4	76,50
48023230	20	1,5	125	30	16	12	4	95,30
48023240	22	1,5	125	20	18	14,5	5	101,60
48023250	24	1,5	140	24	18	14,5	5	127,30
T0809213	22	1,5	125	22	18	14,5	5	111,30
T0809215	24	1,5	140	24	18	14,5	5	138,20

VPO-DC-MT

MF PM V ISO 2 6HX C/2,5 DIN 374



EDP	MF	P	L	l	d	a	ZΔ	Price
48024162	8	1	90	15	6	4,9	4	52,20
48024171	10	1	90	18	7	5,5	4	54,50
48024170	10	1,25	100	18	7	5,5	4	54,50
48024181	12	1,25	100	21	9	7	4	63,00
48024180	12	1,5	100	21	9	7	4	62,30
48024192	14	1,5	100	24	11	9	4	77,70
48024203	16	1,5	100	24	12	9	4	87,40
48024216	18	1,5	110	30	14	11	4	107,50
48024230	20	1,5	125	30	16	12	4	116,20
T0809233	22	1,5	125	20	18	14,5	4	138,40
T0809235	24	1,5	140	24	18	14,5	4	142,70

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		○ 10~25 m/min	○ 10~20 m/min	○ 8~20 m/min	○ 8~20 m/min						◎ 15~60 m/min	◎ 15~40 m/min
Cu	BS	BsC	PB	Al	AC,ADC	MC	ZDC	Ti	Ni	Plast.	Vinyl	
	◎ 15~60 m/min	◎ 15~60 m/min	◎ 15~60 m/min		◎ 25~70 m/min	◎ 25~70 m/min	◎ 25~70 m/min					

VPO-DC-MT

M | PM | V | ISO 2 6HX | C/2,5 | ≥2D | DIN 371

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- High performance
- Synchro taps when speed can be > 30 m/min
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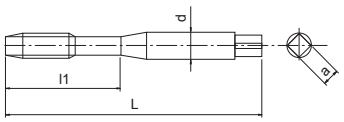
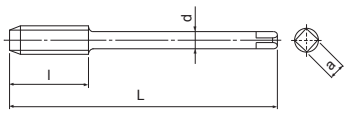
- Синхро метчики со скоростью резания > 30 м/мин
- для чугуна и алюминия

- Wysoka wydajność
- Gwintownik SYNCHRO, Vc > 30 m/min
- Do żeliw i aluminium



EDP	M	P	L	l1	d	a	ZΔ	Price
48021155	6	1	80	30	6	4,9	3	41,40
48021161	8	1,25	90	35	8	6,2	4	45,10
48021169	10	1,5	100	39	10	8	4	47,10

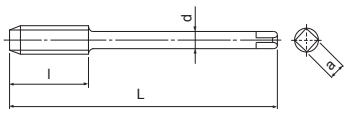


M | PM | V | ISO 2 6HX | C/2,5 | ≥2D | DIN 376

EDP	M	P	L	l	d	a	ZΔ	Price
48021179	12	1,75	110	21	9	7	4	62,10
48024191	14	2	110	24	11	9	4	68,70
48024202	16	2	110	24	12	9	4	78,00
48024214	18	2,5	125	30	14	11	4	95,90
48024228	20	2,5	140	30	16	12	4	106,70
T0809232	22	2,5	140	30	18	14,5	4	138,40
T0809234	24	3	160	36	18	14,5	4	142,70
T0809236	27	3	160	36	20	16	4	214,00
T0809237	30	3,5	180	42	22	18	4	328,60

VPO-DC-SPT

G | PM | V | ISO 228 | C/2,5 | DIN 5156



EDP	G	P	L	l	d	a	ZΔ	Price
T0809240	G1/8	28	90	11	7	5,5	3	56,10
T0809241	G1/4	19	100	16	11	9	3	56,10
T0809242	G3/8	19	100	16	12	9	3	76,10
T0809243	G1/2	14	125	22	16	12	3	120,10
T1006045	G3/4	14	140	23	20	16	3	186,50

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		○ 10~25 m/min	○ 10~20 m/min	○ 8~20 m/min	○ 8~20 m/min						◎ 15~60 m/min	◎ 15~40 m/min
Cu	BS	BsC	PB	Al	AC,ADC	MC	ZDC	Ti	Ni	Plast.	Vinyl	
	◎ 15~60 m/min	◎ 15~60 m/min	◎ 15~60 m/min		◎ 25~70 m/min	◎ 25~70 m/min	◎ 25~70 m/min					

VP-DC-SC-MT

Maschi a macchina

- Synchro taps when speed can be > 30 m/min
- For cast iron and aluminium
- Short chamfer

- Synchro Bohrer > 30 m/min
- Für Grauguss und Aluminium
- kurzer Anschnitt

- Maschi synchro. La velocità può essere > 30 m/min
- Per ghisa e alluminio
- Imbocco corto

- Tarauds synchro où la vitesse peut être > 30 m/min
- Pour fonte et aluminium
- Entrée courte

- Kesme hızı > 30m/min olduğunda sekronize kılavuz
- Döküm ve alüminyum için
- Kısa pah

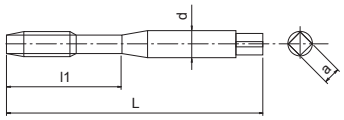
- Synkro tappe når skærehastighed kan være > 30 m/min
- Til støbejern & aluminium
- Kort indløb

- Synkro gängtappar när skärhastigheten är > 30 m / min
- För gjutjärn och aluminium
- Kort faslängd

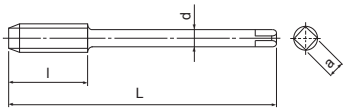
- Machos Synchro cuando la velocidad puede ser >30 m/min.
- Para fundición de hierro y aluminio
- Chaflán corto

- Синхро метчики со скоростью резания > 30 м/мин
- для чугуна и алюминия
- Короткий заход

- Gwintownik SYNCHRO, Vc > 30 m/min
- Do żeliw i aluminium
- Krótki nakrój

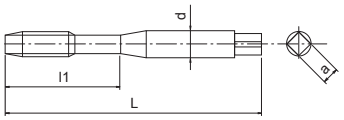


EDP	M	P	L	l1	d	a	ZΔ	Price
48037138	3	0,5	56	18	3,5	2,7	3	21,50
48037144	4	0,7	63	21	4,5	3,4	3	21,90
48037149	5	0,8	70	25	6	4,9	3	22,30
48037155	6	1	80	30	6	4,9	3	22,40
48037161	8	1,25	90	35	8	6,2	4	26,00
48037169	10	1,5	100	39	10	8	4	30,10

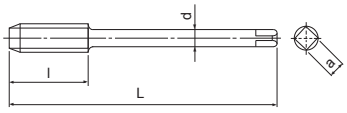


EDP	M	P	L	l	d	a	ZΔ	Price
48037179	12	1,75	110	21	9	7	4	45,30
48037191	14	2	110	24	11	9	4	48,60
48037202	16	2	110	24	12	9	4	57,70

VPO-DC-SC-MT



EDP	M	P	L	l1	d	a	ZΔ	Price
48038155	6	1	80	30	6	4,9	3	41,40
48038161	8	1,25	90	35	8	6,2	4	45,10
48038169	10	1,5	100	39	10	8	4	47,10



EDP	M	P	L	l	d	a	ZΔ	Price
48038179	12	1,75	110	21	9	7	4	62,10
48038191	14	2	110	24	11	9	4	68,70
48038202	16	2	110	24	12	9	4	78,00

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		○ 10~25 m/min	○ 10~20 m/min	○ 8~20 m/min	○ 8~20 m/min						◎ 15~60 m/min	◎ 15~40 m/min
Cu	BS	BsC	PB	Al	AC,ADC	MC	ZDC	Ti	Ni	Plast.	Vinyl	
	◎ 15~60 m/min	◎ 15~60 m/min	◎ 15~60 m/min		◎ 25~70 m/min	◎ 25~70 m/min	◎ 25~70 m/min					

shaping your dreams

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