



**MACHOS MAQUINA METALDURO**

**Machos din 371 em metalduro c/refrigeração M6-M8-M10**

**Machos din 376 em metalduro com refrigeração**

**VHM ~DIN-371**

Zastosowanie / Application / Einsatzgebiete	HRC60	GAL	WGN	WGN
Material obrabiany / Material / Werkstoff	H6.1-H6.2	K3.1, N4.3 N4.6, N4.10 N4.13	P1.1-P1.3 M2.2 N4.1-N4.5	P1.1-P1.3 M2.2 N4.1-N4.5
Rodzaj materiału / Quality of material / Qualität	VHM	VHM	VHM	VHM
Typ otworu / Hole type / Lochform				
Wykonanie / Execution / Ausführung	IK*	R15 IK*	IK*	SR IKR*
Rodzaj powłoki / Coating / Beschichtung	TICN	TICN	HL	HL
Nakrój / Chamfer / Anschnitt	D / 4-SP	C / 2-3P	C / 2-3P	C / 2-3P
Tolerancja / Tolerance / Toleranz	6HX	6HX	6HX	6HX

M	∅d <sub>1</sub>	P	L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>	∅d <sub>2</sub>	a	INDEX	C9-135F01*	C9-505601	C9-928005*
M 3*	0,5	56	5	18	3,5	2,7	2,5	0030*	•	•	•
M 4*	0,7	63	7	21	4,5	3,4	3,3	0040*	•	•	•
M 5*	0,8	70	8	25	6	4,9	4,2	0050*	•	•	•

M	∅d <sub>1</sub>	P	L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>	∅d <sub>2</sub>	a	INDEX	C9-135F51	C9-505651	C9-928505	C9-928605
M 6	1	80	10	30	6	4,9	5	0060	•	•	•	•
M 8	1,25	90	13	35	8	6,2	6,8	0080	•	•	•	•
M 10	1,5	100	15	39	10	8	8,5	0100	•	•	•	•

**VHM ~DIN-376**

Zastosowanie / Application / Einsatzgebiete	HRC60	GAL	WGN	WGN
Material obrabiany / Material / Werkstoff	H6.1-H6.2	K3.1, N4.3 N4.6, N4.10 N4.13	P1.1-P1.3 M2.2 N4.1-N4.5	P1.1-P1.3 M2.2 N4.1-N4.5
Rodzaj materiału / Quality of material / Qualität	VHM	VHM	VHM	VHM
Typ otworu / Hole type / Lochform				
Wykonanie / Execution / Ausführung	IK	R15 IK	IK	SR IKR
Rodzaj powłoki / Coating / Beschichtung	TICN	TICN	HL	HL
Nakrój / Chamfer / Anschnitt	D / 4-SP	C / 2-3P	C / 2-3P	C / 2-3P
Tolerancja / Tolerance / Toleranz	6HX	6HX	6HX	6HX

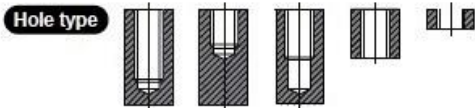
M	∅d <sub>1</sub>	P	L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>	∅d <sub>2</sub>	a	INDEX	D9-135F51	D9-505651	D9-928505	D9-928605
M 12	1,75	110	18	40	9	7	10,2	0120	•	•	•	•
M 14	2	110	20	45	11	9	12	0140	•	•	•	•
M 16	2	110	20	45	12	9	14	0160	•	•	•	•

**Machos din 371 em metalduro**

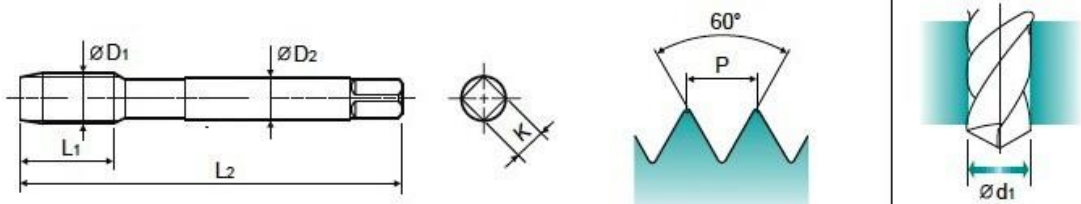
**Machos din 376 em metalduro com refrigeração**

► Carbide tap can increase tool life longer than HSS taps due to higher hardness. Suitable for cast iron and high silicon aluminiums.

► Der VHM-Gewindebohrer kann die Lebensdauer gegenüber HSS-Gewindebohrern erhöhen dank der größeren Härte. Geeignet für Guss und Aluminium mit hohem Siliziumanteil



**Material groups GG** **HM** **DIN 371/376** **6HX** **60°** **C** **Bright** **Machine taps Maschinengewindebohrer**



Unit : mm

SIZE	Pitch	Thread Length	Overall Length	Shank Diameter	Square Size	Tapping drill diameter
∅D <sub>1</sub>	P	L <sub>1</sub>	L <sub>2</sub>	∅D <sub>2</sub>	K	∅d <sub>1</sub>
·DIN 371(M2-M10)	M3 × 0.5	11	56	3.5	2.7	2.5
	M3.5 × 0.6	12	56	4	3	2.9
	M4 × 0.7	13	63	4.5	3.4	3.3
	M5 × 0.8	15	70	6	4.9	4.2
	M6 × 1	17	80	6	4.9	5
	M8 × 1.25	20	90	8	6.2	6.8
DIN 376(M11-M20)	M10 × 1.5	22	100	10	8	8.5
	M12 × 1.75	24	110	9	7	10.2
	M14 × 2	26	110	11	9	12
	M16 × 2	27	110	12	9	14
	M18 × 2.5	30	125	14	11	15.5
	M20 × 2.5	32	140	16	12	17.5