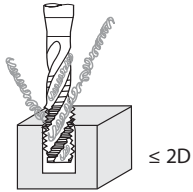
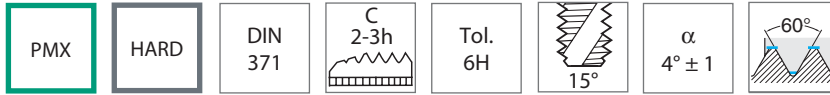
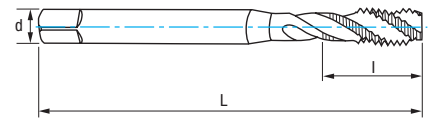


Ref. **3170**Gwintownik maszynowy spiralny ze wzmocnionym  
chwytym do twardych materiałów

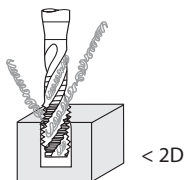
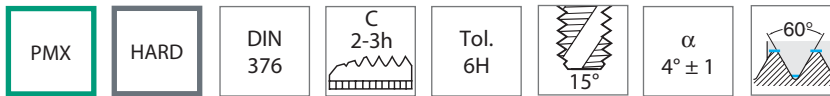
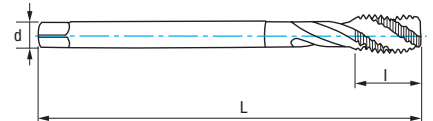
Materiały		Vc (m/min)
Grupa	Sub.	HARD
P	P.3	4-8
	P.4	3-5
S		10-15
N	N.7	20-30

Prędkość posuwu  $f = P$  $V_f$  (mm/min.) = r.p.m. x fr.p.m. =  $\frac{V_c \times 1.000}{\pi \times \phi}$ 

M	P	L mm	I mm	d mm	a mm	Z	N° Art. HARD	€
M3	0,50	56	11	3,50	2,70	3	15366	24,95
M4	0,70	63	13	4,50	3,40	3	15367	24,95
M5	0,80	70	16	6,00	4,90	3	15369	24,95
M6	1,00	80	19	6,00	4,90	3	15372	26,25
M8	1,25	90	22	8,00	6,20	3	15373	31,42
M10	1,50	100	24	10,00	8,00	3	15375	39,04

Ref. **3270**

Gwintownik maszynowy spiralny do materiałów twardych



Materiały		Vc (m/min)
Grupa	Sub.	HARD
P	P.3	4-8
	P.4	3-5
S		10-15
N	N.7	20-30

Prędkość posuwu  $f = P$  $V_f$  (mm/min.) = r.p.m. x fr.p.m. =  $\frac{V_c \times 1.000}{\pi \times \phi}$ 

M	P	L mm	I mm	d mm	a mm	Z	N° Art. HARD	€
M12	1,75	110	18	9,00	7,00	3	16399	51,46
M14	2,00	110	20	11,00	9,00	3	16400	67,51
M16	2,00	110	20	12,00	9,00	4	16401	85,28
M18	2,50	125	25	14,00	11,00	4	13218	116,85
M20	2,50	140	25	16,00	12,00	4	13219	125,44