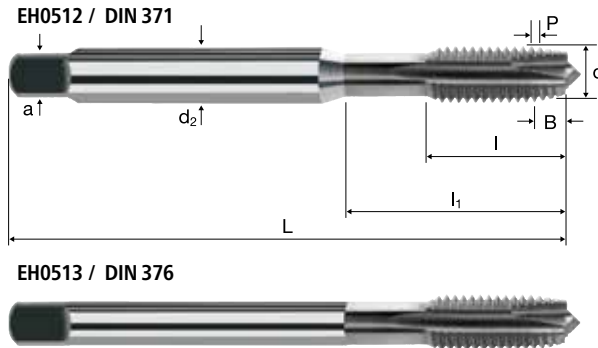


**M** **ISO 2 (6H)**

**HSS PM/F**

**Form B**



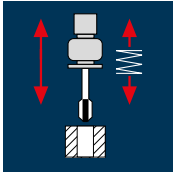
**Rm** 1100-1300    **Rm** 1300-1500

Example: Order-N°.		Article-N°.		a-Code							TiCN
Order-N°.		EH0512		034							EH0512
Ø Code	d	P	L	l	l <sub>1</sub>	d <sub>2</sub>	a				
034	M 2	0.40	45	8.00	-	2.8	2.1	2	1.70*		●
040	M 2.5	0.45	50	9.00	-	2.8	2.1	2	2.10		●
044	M 3	0.50	56	12.00	18.0	3.5	2.7	3	2.60*		●
058	M 4	0.70	63	13.00	21.0	4.5	3.4	3	3.40		●
084	M 5	0.80	70	15.00	25.0	6.0	4.9	3	4.30		●
088	M 6	1.00	80	17.00	30.0	6.0	4.9	3	5.10		●
160	M 8	1.25	90	20.00	35.0	8.0	6.2	3	6.90		●
174	M 10	1.50	100	22.00	39.0	10.0	8.0	3	8.60		●

Example: Order-N°.		Article-N°.		a-Code							TiCN
Order-N°.		EH0513		240							EH0513
Ø Code	d	P	L	l	l <sub>1</sub>	d <sub>2</sub>	a				
240	M 12	1.75	110	24.00	40.0	9.0	7.0	3	10.40		●
244	M 14	2.00	110	26.00	40.0	11.0	9.0	3	12.20		●
246	M 16	2.00	110	27.00	40.0	12.0	9.0	3	14.20		●
312	M 18	2.50	125	30.00	45.0	14.0	11.0	4	15.70		●
314	M 20	2.50	140	32.00	50.0	16.0	12.0	4	17.70		●
316	M 22	2.50	140	32.00	50.0	18.0	14.5	4	19.70		●
320	M 24	3.00	160	34.00	60.0	18.0	14.5	4	21.20		●

\* The given dimension is out of norm

## Application



## Material

Steel  
1100 - 1300 N/mm<sup>2</sup>



Steel  
1100 - 1300 N/mm<sup>2</sup>



Steel  
1300 - 1500 N/mm<sup>2</sup>



Steel  
1300 - 1500 N/mm<sup>2</sup>



M	d [mm]	P [mm]	$v_c$ 1.0 x d			$v_c$ 1.5 x d			$v_c$ 2.0 x d		
			n [min <sup>-1</sup> ]	$v_f$ [100%]	$v_c$ [min <sup>-1</sup> ]	n [100%]	$v_f$ [100%]	$v_c$ [min <sup>-1</sup> ]	n [100%]	$v_f$ [100%]	
M2	2.000	0.40	10	1590	636	8	1275	510	5	795	318
M2.5	2.500	0.45	10	1275	574	8	1020	459	5	635	286
M3	3.000	0.50	10	1060	530	8	850	425	5	530	265
M4	4.000	0.70	10	795	557	8	635	445	5	400	280
M5	5.000	0.80	10	635	508	8	510	408	5	320	256
M6	6.000	1.00	10	530	530	8	425	425	5	265	265
M8	8.000	1.25	10	400	500	8	320	400	5	200	250
M10	10.000	1.50	10	320	480	8	255	383	5	160	240
M12	12.000	1.75	10	265	464	8	210	368	5	135	236
M14	14.000	2.00	10	225	450	8	180	360	5	115	230
M16	16.000	2.00	10	200	400	8	160	320	5	100	200
M18	18.000	2.50	10	175	438	8	140	350	5	90	225
M20	20.000	2.50	10	160	400	8	125	313	5	80	200
M22	22.000	2.50	10	145	363	8	115	288	5	70	175
M24	24.000	3.00	10	135	405	8	105	315	5	65	195
M2	2.000	0.40	6	955	382	4	635	254	3	475	190
M2.5	2.500	0.45	6	765	344	4	510	230	3	380	171
M3	3.000	0.50	6	635	318	4	425	213	3	320	160
M4	4.000	0.70	6	475	333	4	320	224	3	240	168
M5	5.000	0.80	6	380	304	4	255	204	3	190	152
M6	6.000	1.00	6	320	320	4	210	210	3	160	160
M8	8.000	1.25	6	240	300	4	160	200	3	120	150
M10	10.000	1.50	6	190	285	4	125	188	3	95	143
M12	12.000	1.75	6	160	280	4	105	184	3	80	140
M14	14.000	2.00	6	135	270	4	90	180	3	70	140
M16	16.000	2.00	6	120	240	4	80	160	3	60	120
M18	18.000	2.50	6	105	263	4	70	175	3	55	138
M20	20.000	2.50	6	95	238	4	65	163	3	50	125
M22	22.000	2.50	6	85	213	4	60	150	3	45	113
M24	24.000	3.00	6	80	240	4	55	165	3	40	120