

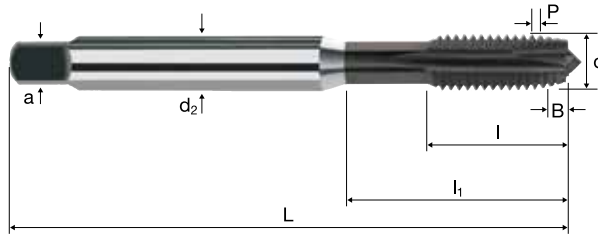
# Taps titap



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

**HSS PM/F**

**Form B**

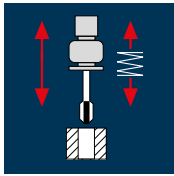


M

Ti Titanium

Example: Order-N° <b>ET0705 012</b>										TRIBO
										<b>ET0705</b>
Ø Code	d	P	L	l	l <sub>1</sub>	d <sub>2</sub>	a			
012	M 1.2	0.25	40	5.50	-	2.5	2.1	2	1.00*	●
020	M 1.4	0.30	40	7.00	-	2.5	2.1	2	1.15*	●
022	M 1.6	0.35	40	8.00	-	2.5	2.1	2	1.30	●
026	M 1.8	0.35	40	8.00	-	2.5	2.1	2	1.50	●
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*	●
056	M 3.5	0.60	56	12.00	20.0	4.0	3.0	3	3.00	●
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	●
≤ M 1.4 Tolerance ISO 1 (4H)										
* The given dimension is out of norm										
For larger dimensions see article no. ET0706										

## Application



## Material

Titanium alloys  
> 300 HB  
[Ti6Al4V]



Titanium alloys  
> 300 HB  
[Ti6Al4V]



M	d [mm]	P [mm]	$v_c$ 1.5 x d			$v_c$ 2.0 x d			$v_c$ 3.0 x d		
			$n$ [min <sup>-1</sup> ]	$v_f$ [100%]	$n$ [min <sup>-1</sup> ]	$v_f$ [100%]	$n$ [min <sup>-1</sup> ]	$v_f$ [100%]			
M 1.2	1.200	0.25	4	1060	265	3	795	199	2	530	133
M 1.4	1.400	0.30	4	910	273	3	680	204	2	455	137
M 1.6	1.600	0.35	4	795	278	3	595	208	2	400	140
M 1.8	1.800	0.35	4	705	247	3	530	186	2	355	124
M 2	2.000	0.40	4	635	254	3	475	190	2	320	128
M 2.5	2.500	0.45	4	510	230	3	380	171	2	255	115
M 3	3.000	0.50	5	530	265	4	425	213	3	320	160
M 3.5	3.500	0.60	5	455	273	4	365	219	3	275	165
M 4	4.000	0.70	5	400	280	4	320	224	3	240	168
M 5	5.000	0.80	5	320	256	4	255	204	3	190	152
M 6	6.000	1.00	5	265	265	4	210	210	3	160	160
M 8	8.000	1.25	5	200	250	4	160	200	3	120	150
M 10	10.000	1.50	5	160	240	4	125	188	3	95	143