

# Taps Xtap

Incool

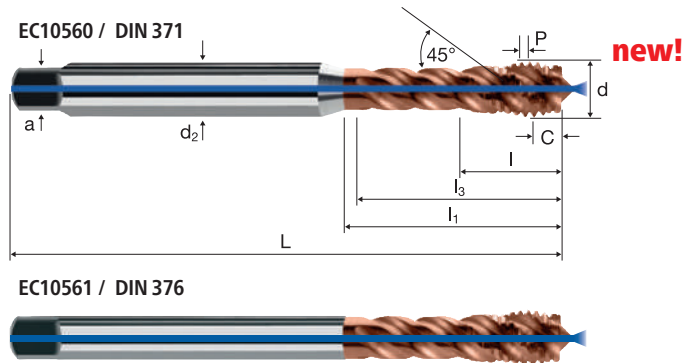


**M** ISO 2 (6H)

60° **HSS PM/F**

DIN 371/376

X-P Form C



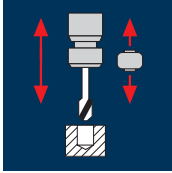
Rm < 850 HRC < 24	Rm 850-1100 HRC 24-34					Inox Stainless		
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M  
MF  
G  
UN  
EG

Example: Order-N°.		Article-N°.		a-Code								A1CrTiN
Example: Order-N°.		EC10560		058								EC10560
Ø Code	d	P	L	l	l <sub>1</sub>	l <sub>3</sub>	d <sub>2</sub>	a				
058	M 4	0.70	63	5.60	21.0	19.0	4.5	3.4	3	3.30	●	
084	M 5	0.80	70	6.40	25.0	23.0	6.0	4.9	3	4.20	●	
088	M 6	1.00	80	8.00	30.0	28.0	6.0	4.9	3	5.00	●	
160	M 8	1.25	90	10.00	35.0	33.0	8.0	6.2	3	6.80	●	
174	M 10	1.50	100	12.00	39.0	37.0	10.0	8.0	4	8.50	●	

Example: Order-N°.		Article-N°.		a-Code								A1CrTiN
Example: Order-N°.		EC10561		240								EC10561
Ø Code	d	P	L	l	l <sub>1</sub>	l <sub>3</sub>	d <sub>2</sub>	a				
240	M 12	1.75	110	14.00	50.0	48.0	9.0	7.0	4	10.20	●	
244	M 14	2.00	110	16.00	58.0	56.0	11.0	9.0	4	12.00	●	
246	M 16	2.00	110	16.00	58.0	56.0	12.0	9.0	4	14.00	●	
312	M 18	2.50	125	20.00	65.0	63.0	14.0	11.0	4	15.50	●	
314	M 20	2.50	140	20.00	72.0	70.0	16.0	12.0	4	17.50	●	
316	M 22	2.50	140	20.00	72.0	70.0	18.0	14.5	5	19.50	●	
320	M 24	3.00	160	24.00	74.0	72.0	18.0	14.5	5	21.00	●	

## Application



## Material

Steel  
500 - 850 N/mm<sup>2</sup>



Steel  
500 - 850 N/mm<sup>2</sup>



Steel  
850 - 1100 N/mm<sup>2</sup>



Steel  
850 - 1100 N/mm<sup>2</sup>



Stainless steel  
ferritic/martensitic



Stainless steel  
ferritic/martensitic



Stainless steel  
[Cr-Ni/1.4301]



Stainless steel  
[Cr-Ni/1.4301]



M	d [mm]	P [mm]	v <sub>c</sub> 1.0 x d			v <sub>f</sub> [100%]			v <sub>c</sub> 1.5 x d			v <sub>f</sub> [100%]			v <sub>c</sub> 2.0 x d			v <sub>f</sub> [100%]		
			v <sub>c</sub>	n	v <sub>f</sub>	v <sub>c</sub>	n	v <sub>f</sub>	v <sub>c</sub>	n	v <sub>f</sub>	v <sub>c</sub>	n	v <sub>f</sub>	v <sub>c</sub>	n	v <sub>f</sub>			
M4	4.000	0.70	32	2545	1782	28	2230	1561	22	1750	1225									
M5	5.000	0.80	32	2035	1628	28	1785	1428	22	1400	1120									
M6	6.000	1.00	32	1700	1700	28	1485	1485	22	1165	1165									
M8	8.000	1.25	32	1275	1594	28	1115	1394	22	875	1094									
M10	10.000	1.50	32	1020	1530	28	890	1335	22	700	1050									
M12	12.000	1.75	32	850	1488	28	745	1304	22	585	1024									
M14	14.000	2.00	32	730	1460	28	635	1270	22	500	1000									
M16	16.000	2.00	32	635	1270	28	555	1110	22	440	880									
M18	18.000	2.50	32	565	1413	28	495	1238	22	390	975									
M20	20.000	2.50	32	510	1275	28	445	1113	22	350	875									
M22	22.000	2.50	32	465	1163	28	405	1013	22	320	800									
M24	24.000	3.00	32	425	1275	28	370	1110	22	290	870									
M4	4.000	0.70	20	1590	1113	16	1275	893	10	795	557									
M5	5.000	0.80	20	1275	1020	16	1020	816	10	635	508									
M6	6.000	1.00	20	1060	1060	16	850	850	10	530	530									
M8	8.000	1.25	20	795	994	16	635	794	10	400	500									
M10	10.000	1.50	20	635	953	16	510	765	10	320	480									
M12	12.000	1.75	20	530	928	16	425	744	10	265	464									
M14	14.000	2.00	20	455	910	16	365	730	10	225	450									
M16	16.000	2.00	20	400	800	16	320	640	10	200	400									
M18	18.000	2.50	20	355	888	16	285	713	10	175	438									
M20	20.000	2.50	20	320	800	16	255	638	10	160	400									
M22	22.000	2.50	20	290	725	16	230	575	10	145	363									
M24	24.000	3.00	20	265	795	16	210	630	10	135	405									
M4	4.000	0.70	10	795	557	8	635	445	6	475	333									
M5	5.000	0.80	10	635	508	8	510	408	6	380	304									
M6	6.000	1.00	10	530	530	8	425	425	6	320	320									
M8	8.000	1.25	10	400	500	8	320	400	6	240	300									
M10	10.000	1.50	10	320	480	8	255	383	6	190	285									
M12	12.000	1.75	10	265	464	8	210	368	6	160	280									
M14	14.000	2.00	10	225	450	8	180	360	6	135	270									
M16	16.000	2.00	10	200	400	8	160	320	6	120	240									
M18	18.000	2.50	10	175	438	8	140	350	6	105	263									
M20	20.000	2.50	10	160	400	8	125	313	6	95	238									
M22	22.000	2.50	10	145	363	8	115	288	6	85	213									
M24	24.000	3.00	10	135	405	8	105	315	6	80	240									
M4	4.000	0.70	5	400	280	4	320	224	3	240	168									
M5	5.000	0.80	5	320	256	4	255	204	3	190	152									
M6	6.000	1.00	5	265	265	4	210	210	3	160	160									
M8	8.000	1.25	5	200	250	4	160	200	3	120	150									
M10	10.000	1.50	5	160	240	4	125	188	3	95	143									
M12	12.000	1.75	5	135	236	4	105	184	3	80	140									
M14	14.000	2.00	5	115	230	4	90	180	3	70	140									
M16	16.000	2.00	5	100	200	4	80	160	3	60	120									
M18	18.000	2.50	5	90	225	4	70	175	3	55	138									
M20	20.000	2.50	5	80	200	4	65	163	3	50	125									
M22	22.000	2.50	5	70	175	4	60	150	3	45	113									
M24	24.000	3.00	5	65	195	4	55	165	3	40	120									