

**9603051 | Multi-application machine tap HSS-E5 (cobalt 5%) -STEAM treatment -M MF -DIN 374/376 -C shape -6H -Dulofix shank -Rear conicity**

Tap for multiple applications. Its STEAM treatment avoids cold gluing and reduces the friction coefficient. Reinforced tail.



- Especially for multiple applications
- Made in Spain
- Spiral flute
- 5% cobalt HSS
- STEAM treatment



**Machine**



**Application**

<b>K</b>	<b>M</b> 1	<b>P</b> 1	<b>P</b> 2	<b>P</b> 3
K- Ferrous Cast iron with Short Chips	M1- austenitic stainless steels	P1- Unrealized steels	P2- Weakly allied steels	P3- strong alloy steels

**Features**

<b>M</b> <b>MF</b>	<b>6H</b>	<b>FORM</b> <b>C</b>	<b>35°</b>	<b>HSS</b> <b>E5</b>	<b>STEAM</b> <b>TREATED</b>	<b>DIN</b> <b>374/376</b>		<b>CYL+□</b>
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**Properties and benefits**

- + Spiral flute : A flute shape that allows chips to be evacuated through the entrance to the hole. ↻ Allows better heat resistance due to better chip evacuation. For blind holes.
- + 5% cobalt high-speed steel: HSS substrate enriched with 5% cobalt. Improved heat retention (strength, cutting sharpness) ↻ For general use in metals up to 1200 N/mm<sup>2</sup>.
- + STEAM treatment : Steam oxidation treatment. ↻ Avoids cold bonding. Reduced coefficient of friction in steels.



Code	EAN	Thread	Ø	Pitch	Norm	Drill	L	I	I4	I5	QTY	PCB
960305100400070	8420609307393	M 4	0,7	DIN 376	3,30	63	7	2-2.5	3,40	1	1	
960305100500080	8420609307423	M 5	0,8	DIN 376	4,20	70	8.5	2-2.5	4,90	1	1	
960305100600100	8420609307454	M 6	1	DIN 376	5,00	80	9.5	2-2.5	4,90	1	1	
960305100800125	8420609307508	M 8	1,25	DIN 376	6,75	90	12	2-2.5	6,20	1	1	
960305101000150	8420609307560	M 10	1,5	DIN 376	8,50	100	14	2-2.5	5,50	1	1	
960305101200175	8420609307638	M 12	1,75	DIN 376	10,25	110	16	2-2.5	7,00	1	1	
960305101400200	8420609307690	M 14	2	DIN 376	12,00	110	18	2-2.5	9,00	1	1	
960305101600200	8420609307768	M 16	2	DIN 376	14,00	110	18	2-2.5	9,00	1	1	
960305101800250	8420609307812	M 18	2,5	DIN 376	15,50	125	25	2-2.5	11,00	1	1	
960305102000250	8420609307850	M 20	2,5	DIN 376	17,50	140	25	2-2.5	12,00	1	1	
960305102200250	8420609307898	M 22	2,5	DIN 376	19,50	140	25	2-2.5	14,50	1	1	
960305102400300	8420609307935	M 24	3	DIN 376	21,00	160	30	2-2.5	14,50	1	1	
960305102700300	8420609307997	M 27	3	DIN 376	24,00	160	30	2-2.5	16,00	1	1	
960305103000350	8420609308048	M 30	3,5	DIN 376	26,50	180	35	2-2.5	18,00	1	1	
960305103300350	8420609308093	M 33	3,5	DIN 376	26,50	180	40	2-2.5	20,00	1	1	
960305103600400	8420609308147	M 36	4	DIN 376	32,00	200	45	2-2.5	22,00	1	1	
960305100800100	8420609307492	MF 8	1	DIN 374	7,00	90	12	2-2.5	4,90	1	1	
960305101000100	8420609307546	MF 10	1	DIN 374	9,00	90	12	2-2.5	5,50	1	1	
960305101000125	8420609307553	MF 10	1,25	DIN 371	8,75	100	14	2-2.5	5,50	1	1	

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960305101200100	8420609307607	MF	12	1	DIN 374	11,00	100	14	2-2.5	7,00	1	1
960305101200125	8420609307614	MF	12	1,25	DIN 374	10,75	100	14	2-2.5	7,00	1	1
960305101200150	8420609307621	MF	12	1,5	DIN 374	10,50	100	14	2-2.5	7,00	1	1
960305101400100	8420609307669	MF	14	1	DIN 374	13,00	100	16	2-2.5	9,00	1	1
960305101400125	8420609307676	MF	14	1,25	DIN 374	12,75	100	16	2-2.5	9,00	1	1
960305101400150	8420609307683	MF	14	1,5	DIN 374	12,50	100	18	2-2.5	9,00	1	1
960305101600150	8420609307751	MF	16	1,5	DIN 374	14,50	110	18	2-2.5	9,00	1	1
960305101800150	8420609307799	MF	18	1,5	DIN 374	16,50	110	18	2-2.5	11,00	1	1
960305102000150	8420609307836	MF	20	1,5	DIN 374	18,50	125	18	2-2.5	12,00	1	1
960305102200150	8420609307874	MF	22	1,5	DIN 374	20,50	125	18	2-2.5	14,50	1	1
960305102400150	8420609307911	MF	24	1,5	DIN 374	22,50	140	18	2-2.5	14,50	1	1
960305103000150	8420609308024	MF	30	1,5	DIN 374	28,50	150	22	2-2.5	18,00	1	1
960305103000200	8420609308031	MF	30	2	DIN 374	28,00	150	22	2-2.5	18,00	1	1