

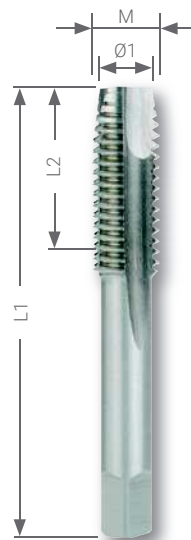


## Single-cut taps M ≈ DIN 352 HSS and HSSE-Co 5 ground

Thread: metric, DIN ISO 13  
Flanks: relief-ground

The single-cut tap HSS for through threads in unalloyed and low-alloyed steels up to a strength of 800 N/mm<sup>2</sup>. The single-cut tap HSSE-Co 5 for through threads in unalloyed and alloyed steels up to a strength of 1000 N/mm<sup>2</sup>, malleable cast iron and non-ferrous metals. The thread can be cut in one operation by hand or machine.

Packing unit: individual plastic pack



<b>HSS</b>	<b>800 N/mm<sup>2</sup></b>		231 ...	
<b>HSSE Co 5</b>	<b>1000 N/mm<sup>2</sup></b>		231 ... E	

Steel (N/mm <sup>2</sup> ) < 800	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Steel (N/mm <sup>2</sup> ) < 1000	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Rust-resistant steel	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Aluminium	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Brass	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Bronze	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Plastics	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Cast iron	<input type="checkbox"/>	<input type="checkbox"/>
Titanium alloyed	<input type="checkbox"/>	<input type="checkbox"/>

Nominal thread size M	Pitch mm	Thread core hole Ø1 mm	L1 mm	L2 mm	<b>HSS</b>	<b>HSSE Co 5</b>	
M 3	0,50	2,50	40,0	10,0	231 030	231 030 E	1
M 4	0,70	3,30	45,0	12,0	231 040	231 040 E	1
M 5	0,80	4,20	50,0	13,0	231 050	231 050 E	1
M 6	1,00	5,00	50,0	15,0	231 060	231 060 E	1
M 8	1,25	6,80	56,0	18,0	231 080	231 080 E	1
M 9	1,25	7,80	67,0	22,0	231 090	-	1
M 10	1,50	8,50	70,0	24,0	231 100	231 100 E	1
M 12	1,75	10,20	75,0	29,0	231 120	231 120 E	1

## Single-cut tap set HSS in steel case

<b>HSS</b>	
15-piece set of single-cut taps 7 single-cut taps ≈ DIN 352 HSS, ground M 3 - M 4 - M 5 - M 6 - M 8 - M 10 - M 12 + 7 twist drills DIN 338 Type N HSS, ground Ø 2,5 - 3,3 - 4,2 - 5,0 - 6,8 - 8,5 - 10,2 mm + 1 tap wrench, size 1 1/2 DIN 1814	245 004



## Single-cut tap set HSS in plastic case

<b>HSS</b>	
15-piece set of single-cut taps 7 single-cut taps ≈ DIN 352 HSS, ground M 3 - M 4 - M 5 - M 6 - M 8 - M 10 - M 12 + 7 twist drills DIN 338 Type N HSS, ground Ø 2,5 - 3,3 - 4,2 - 5,0 - 6,8 - 8,5 - 10,2 mm + 1 tap wrench, size 1 1/2 DIN 1814	245 004 RO

