

Manual screw tap, taper tap HSS, DIN 2181

Taper tap with notch shape A for producing metric ISO fine threads according to DIN 13 manually in through holes and blind holes, in steel, non-ferrous metals and cast iron material groups up to a strength of 800 N/mm².



Type description	Taper tap
Standards	DIN 2181
Material	HSS
Thread type	Metric fine thread

Art. no.	0642 14 05	0642 15 05	0642 16 075	0642 18 1	0642 110 1	0642 110 125
P. Qty.	1	1	1	1	1	1
Thread type x nominal diameter	MF4	MF5	MF6	MF8	MF10	MF10
Pitch	0.5 mm	0.5 mm	0.75 mm	1 mm	1 mm	1.25 mm
Length	45 mm	50 mm	56 mm	63 mm	63 mm	70 mm
Thread length (metric thread)	10 mm	12 mm	14 mm	22 mm	20 mm	24 mm
Shaft diameter	4.5 mm	6 mm	6 mm	6 mm	7 mm	7 mm
Size of square	3.4 mm	4.9 mm	4.9 mm	4.9 mm	5.5 mm	5.5 mm
Core hole diameter	3.5 mm	4.5 mm	5.25 mm	7 mm	9 mm	8.8 mm

Art. no.	0642 112 1	0642 112 125	0642 112 15	0642 114 125	0642 114 15	0642 116 15
P. Qty.	1	1	1	1	1	1
Thread type x nominal diameter	MF12	MF12	MF12	MF14	MF14	MF16
Pitch	1 mm	1.25 mm	1.5 mm	1.25 mm	1.5 mm	1.5 mm
Length	70 mm	70 mm	70 mm	70 mm	70 mm	70 mm
Thread length (metric thread)	22 mm	22 mm	22 mm	22 mm	22 mm	22 mm
Shaft diameter	9 mm	9 mm	9 mm	11 mm	11 mm	12 mm
Size of square	7 mm	7 mm	7 mm	9 mm	9 mm	9 mm
Core hole diameter	11 mm	10.8 mm	10.5 mm	12.8 mm	12.5 mm	14.5 mm

Art. no.	0642 118 15	0642 120 15	0642 122 15	0642 124 15
P. Qty.	1	1	1	1
Thread type x nominal diameter	MF18	MF20	MF22	MF24
Pitch	1.5 mm	1.5 mm	1.5 mm	1.5 mm
Length	80 mm	80 mm	80 mm	90 mm
Thread length (metric thread)	22 mm	22 mm	22 mm	22 mm
Shaft diameter	14 mm	16 mm	18 mm	18 mm
Size of square	11 mm	12 mm	14.5 mm	14.5 mm
Core hole diameter	16.5 mm	18.5 mm	20.5 mm	22.5 mm

Notice

In order to produce a complete thread, a third tap is also required.

Related products	Art. no.
Tap wrench DIN 1814 Performance, adjustable Min./max. thread-cutting area, metric 1-8 mm	0657 800 000
Tap wrench DIN 1814 Performance, adjustable Min./max. thread-cutting area, metric 1-10 mm	0657 800 100
Tap wrench DIN 1814 Performance, adjustable Min./max. thread-cutting area, metric 1-12 mm	0657 800 150
Tap wrench DIN 1814 Performance, adjustable Min./max. thread-cutting area, metric 4-12 mm	0657 800 200
Tap wrench DIN 1814 Performance, adjustable Min./max. thread-cutting area, metric 5-20 mm	0657 800 300
Tap wrench DIN 1814 Performance, adjustable Min./max. thread-cutting area, metric 9-27 mm	0657 800 400
Tap wrench DIN 1814 Performance, adjustable Min./max. thread-cutting area, metric 12-33 mm	0657 800 500
Tap wrench DIN 1814 Performance, adjustable Min./max. thread-cutting area, metric 18-42 mm	0657 800 600
Drilling and cutting foam CUT+COOL	0893 050 007
Cutting and drilling oil CUT+COOL Perfect	0893 050 008
Drilling and cutting paste Cut and Cool Perfect	0893 050 010