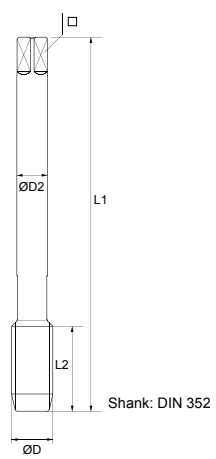
Hand Tap Sets

M metric coarse thread / ISO DIN 13

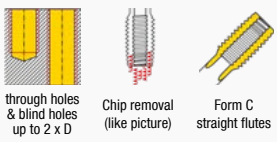
- Efficient internal thread cutting.
- The short structural type makes that tap usable by hand.

A Hand-Tap-Set includes 3 taps:

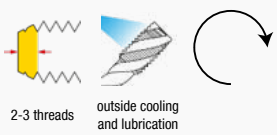
- Taper Tap
- Intermediate Tap
- Finish Tap



Hand Tap Sets for general use

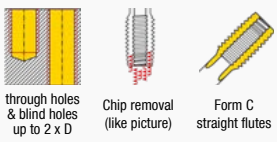


material: HSSG | ISO2/6H | to 900 N/mm² 27,1 HRC

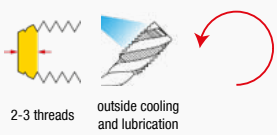




Hand Tap Sets for general use Left Hand

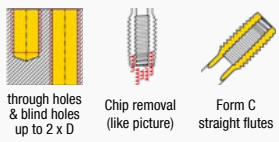


material: HSSG | ISO2/6H | to 900 N/mm² 27,1 HRC

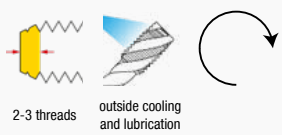




Hand Tap Sets for stainless steels



material: HSSE steam tempered | ISO2/6H | to 1400 N/mm² 44,5 HRC





M	D1	D2	L1	L2	□		No.	No.	No.
M 1 x 0,25	1,0	2,5	32	6	2,1	0,75	110301001		
M 1,1 x 0,25	1,1	2,5	32	6	2,1	0,85	110301002		
M 1,2 x 0,25	1,2	2,5	32	6	2,1	0,95	110301003		
M 1,4 x 0,3	1,4	2,5	32	7	2,1	1,10	110301004		
M 1,6 x 0,35	1,6	2,5	32	8	2,1	1,25	110301005		
M 1,7 x 0,35	1,7	2,5	32	8	2,1	1,30	110301006		
M 1,8 x 0,35	1,8	2,5	32	8	2,1	1,45	110301007		
M 2 x 0,4	2,0	2,8	36	8	2,1	1,60	110301008		
M 2,2 x 0,45	2,2	2,8	36	9	2,1	1,75	110301009		
M 2,3 x 0,4	2,3	2,8	36	9	2,1	1,90	110301010		
M 2,5 x 0,45	2,5	2,8	40	9	2,1	2,05	110301011		
M 2,6 x 0,45	2,6	2,8	40	9	2,1	2,10	110301012		
M 3 x 0,5	3,0	3,5	40	11	2,7	2,50	110301013	110302001	110305001
M 3 x 0,6 *	3,0	3,5	40	11	2,7	2,40	110301014		
M 3,5 x 0,6	3,5	4,0	45	13	3,0	2,90	110301015		
M 3,5 x 0,75 *	3,5	4,0	45	13	3,0	2,75	110301016		
M 4 x 0,7	4,0	4,5	45	13	3,4	3,30	110301017	110302002	110305002
M 4 x 0,75	4,0	4,5	45	13	3,4	3,25	110301018		
M 4,5 x 0,75	4,5	6,0	50	16	4,9	3,70	110301019		
M 5 x 0,8	5,0	6,0	50	16	4,9	4,20	110301020	110302003	110305003
M 5 x 0,9 *	5,0	6,0	50	16	4,9	4,10	110301021		
M 5,5 x 0,9	5,5	6,0	50	18	4,9	4,60	110301022		
M 6 x 1,0	6,0	6,0	50	19	4,9	5,00	110301023	110302004	110305004
M 7 x 1,0	7,0	6,0	50	19	4,9	6,00	110301024		
M 8 x 1,25	8,0	6,0	56	22	4,9	6,80	110301025	110302005	110305005
M 9 x 1,25	9,0	7,0	63	22	5,5	7,80	110301026		
M 10 x 1,5	10,0	7,0	70	24	5,5	8,50	110301027	110302006	110305006
M 11 x 1,5	11,0	8,0	70	24	6,2	9,50	110301028		
M 12 x 1,75	12,0	9,0	75	29	7,0	10,20	110301029	110302007	110305007
M 14 x 2,0	14,0	11,0	80	30	9,0	12,00	110301030	110302008	

* special pitch

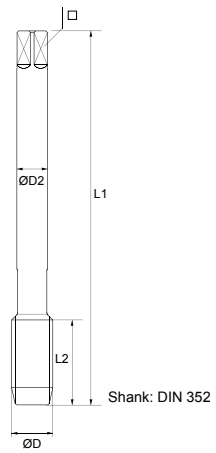
Hand Tap Sets

M metric coarse thread / ISO DIN 13

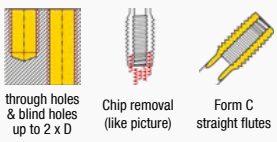
- Efficient internal thread cutting.
- The short structural type makes that tap usable by hand.

A Hand-Tap-Set includes 3 taps:

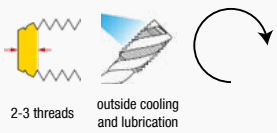
- Taper Tap
- Intermediate Tap
- Finish Tap



Hand Tap Sets for general use

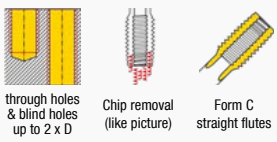


material: HSSG | ISO2/6H | to 900 N/mm² 27,1 HRC

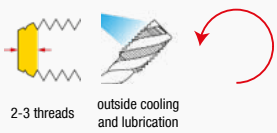




Hand Tap Sets for general use Left Hand

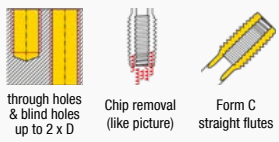


material: HSSG | ISO2/6H | to 900 N/mm² 27,1 HRC

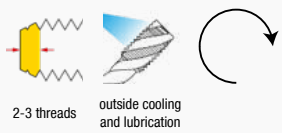




Hand Tap Sets for stainless steels



material: HSSE steam tempered | ISO2/6H | to 1400 N/mm² 44,5 HRC





M	D1	D2	L1	L2	□		No.	No.	No.
M 15 x 2,0	15,0	12,0	80	32	9,0	13,00	110301031		
M 16 x 2,0	16,0	12,0	80	32	9,0	14,00	110301032	110302009	
M 18 x 2,5	18,0	14,0	95	40	11,0	15,50	110301033	110302010	
M 20 x 2,5	20,0	16,0	95	40	12,0	17,50	110301034	110302011	
M 22 x 2,5	22,0	18,0	100	40	14,5	19,50	110301035	110302012	
M 24 x 3,0	24,0	18,0	110	50	14,5	21,00	110301036	110302013	
M 27 x 3,0	27,0	20,0	110	50	16,0	24,00	110301037	110302014	
M 30 x 3,5	30,0	22,0	125	56	18,0	26,50	110301038	110302015	
M 33 x 3,5	33,0	25,0	125	56	20,0	29,50	110301039	110302016	
M 36 x 4,0	36,0	28,0	150	63	22,0	32,00	110301040	110302017	
M 39 x 4,0	39,0	32,0	150	63	24,0	35,00	110301041	110302018	
M 42 x 4,5	42,0	32,0	150	63	24,0	37,50	110301042	110302019	
M 45 x 4,5	45,0	36,0	160	70	29,0	40,50	110301043	110302020	
M 48 x 5,0	48,0	36,0	180	75	29,0	43,00	110301044	110302021	
M 52 x 5,0	52,0	40,0	180	75	32,0	47,00	110301045	110302022	
M 56 x 5,5	56,0	45,0	200	85	35,0	50,50	110301046		
M 60 x 5,5	60,0	45,0	200	85	35,0	54,50	110301047		
M 64 x 6,0	64,0	50,0	220	90	39,0	58,00	110301048		
M 68 x 6,0	68,0	50,0	220	90	39,0	62,00	110301049		
M 72 x 6,0	72,0	50,0	240	80	39,0	66,00	110301050		
M 76 x 6,0	76,0	50,0	240	80	39,0	70,00	110301051		
M 80 x 6,0	80,0	50,0	260	85	39,0	74,00	110301052		
M 84 x 6,0	84,0	50,0	260	85	39,0	78,00	110301053		
M 88 x 6,0	88,0	50,0	260	85	39,0	82,00	110301054		
M 90 x 6,0	90,0	50,0	260	85	39,0	84,00	110301055		
M 92 x 6,0	92,0	56,0	280	90	44,0	86,00	110301056		
M 96 x 6,0	96,0	56,0	280	90	44,0	90,00	110301057		
M 100 x 6,0	100,0	56,0	280	90	44,0	94,00	110301058		

* special pitch