



Hand Taps

Product Catalog



Hand Taps

Description

Hand Taps, the pinnacle of precision in threading and tapping applications. Renowned for their unparalleled quality and performance, Hand Taps redefine efficiency by delivering precise and consistent results with every use. Crafted with precision-engineered materials, these cutting-edge tools offer superior durability and longevity, ensuring reliable performance over extended periods.

Designed for versatility, Hand Taps excel in a wide range of materials, from metals to plastics, effortlessly creating clean and accurate threads.



Features

- Hand taps are designed to create precise threads with consistent pitch and depth, ensuring compatibility with mating components.
- Hand taps are suitable for threading various materials, including metals, plastics, and wood, making them versatile tools for different applications.
- Hand taps are available in a range of sizes and types to accommodate different thread sizes and requirements, providing flexibility for various projects.



Applications

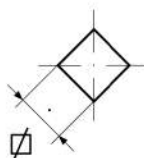
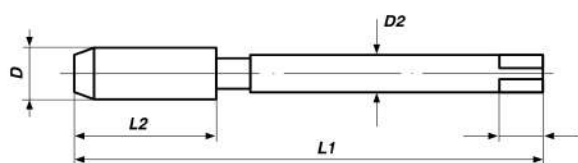
- non abrasive material up to 900 N/mm²
- unalloyed and low alloyed steel
- for through and blind holes
- for thread cutting by hand
- high cutting ability
- abrasive material
- steels up to 1200 N/mm²
- general use





Hand Taps

metric ISO-thread DIN 13



Technical Data

DIN 352

HSS-G

Tol. ISO2/6H

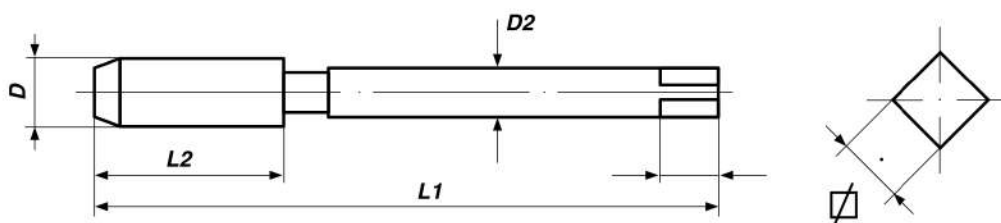
M

Nominal Diameter	L 1	L 2	D 2	□	Art.-No.	€	€
D							
M 1 x 0.25	32	5.5	2.5	2.1	27302	6,00	18,00
M 1.1 x 0.25	32	5.5	2.5	2.1	27304	6,00	18,00
M 1.2 x 0.25	32	5.5	2.5	2.1	27306	6,00	18,00
M 1.4 x 0.3	32	7.0	2.5	2.1	27308	6,00	18,00
M 1.6 x 0.35	32	8.0	2.5	2.1	27310	6,00	18,00
M 1.7 x 0.35	32	8.0	2.5	2.1	27312	6,00	18,00
M 1.8 x 0.35	32	8.0	2.5	2.1	27314	6,00	18,00
M 2 x 0.4	36	8.0	2.8	2.1	27316	4,40	13,20
M 2.2 x 0.45	36	9.0	2.8	2.1	27318	4,40	13,20
M 2.3 x 0.4	36	9.0	2.8	2.1	27320	4,40	13,20
M 2.5 x 0.45	40	9.0	2.8	2.1	27322	4,40	13,20
M 2.6 x 0.45	40	9.0	2.8	2.1	27324	4,40	13,20
M 3 x 0.5	40	11.0	3.5	2.7	27326	2,30	6,90
M 3.5 x 0.6	45	13.0	4.0	3.0	27328	3,40	10,20
M 4 x 0.7	45	13.0	4.5	3.4	27330	2,30	6,90
M 4.5 x 0.75	50	16.0	6.0	4.9	27332	3,40	10,20
M 5 x 0.8	50	16.0	6.0	4.9	27334	2,50	7,50
M 5.5 x 0.9	50	18.0	6.0	4.9	27336	4,10	12,30
M 6 x 1.0	50	19.0	6.0	4.9	27338	2,50	7,50
M 7 x 1.0	50	19.0	6.0	4.9	27340	4,10	12,30
M 8 x 1.25	56	22.0	6.0	4.9	27342	3,20	9,60
M 9 x 1.25	63	22.0	7.0	5.5	27344	5,50	16,50
M 10 x 1.5	70	24.0	7.0	5.5	27346	4,30	12,90
M 11 x 1.5	70	24.0	8.0	6.2	27348	7,00	21,00
M 12 x 1.75	75	29.0	9.0	7.0	27350	5,60	16,80
M 14 x 2.0	80	30.0	11.0	9.0	27354	6,40	19,20



Hand Taps

metric ISO-thread DIN 13



Technical Data

DIN 352

HSS-G

Tol. ISO2/6H

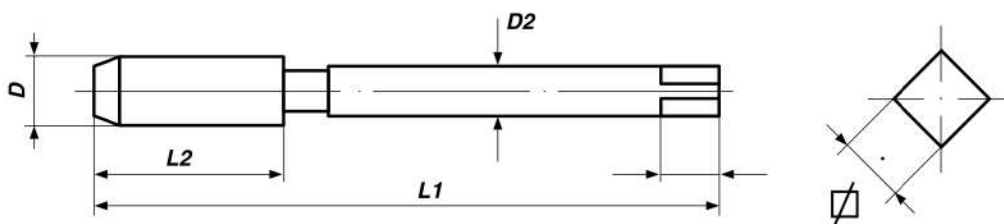
M

Nominal Diameter	L 1	L 2	D 2	□	Art.-No.	€	€
D							
M 15 x 2.0	80	32.0	12.0	9.0	27356	7,60	22,80
M 16 x 2.0	80	32.0	12.0	9.0	27358	8,00	24,00
M 18 x 2.5	95	40.0	14.0	11.0	27362	10,50	31,50
M 20 x 2.5	95	40.0	16.0	12.0	27366	12,00	36,00
M 22 x 2.5	100	40.0	18.0	14.5	27370	15,00	45,00
M 24 x 3.0	110	50.0	18.0	14.5	27374	18,00	54,00
M 27 x 3.0	110	50.0	20.0	16.0	27376	28,00	84,00
M 30 x 3.5	125	56.0	22.0	18.0	27378	38,00	114,00
M 33 x 3.5	125	56.0	25.0	20.0	27380	49,00	147,00
M 36 x 4.0	150	63.0	28.0	22.0	27382	59,00	177,00
M 39 x 4.0	150	63.0	32.0	24.0	27384	76,00	228,00
M 42 x 4.5	150	63.0	32.0	24.0	27386	85,00	255,00
M 45 x 4.5	160	70.0	36.0	29.0	27388	103,00	309,00
M 48 x 5.0	180	75.0	36.0	29.0	27390	146,00	438,00
M 52 x 5.0	180	75.0	40.0	32.0	27392	146,00	438,00
M 56 x 5.5	200	85.0	45.0	35.0	27394	185,00	555,00
M 60 x 5.5	200	85.0	45.0	35.0	27396	252,00	756,00
M 64 x 6.0	220	90.0	50.0	39.0	27398	280,00	840,00
M 68 x 6.0	220	90.0	50.0	39.0	27399	350,00	1.050,00



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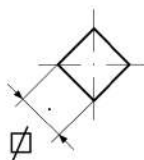
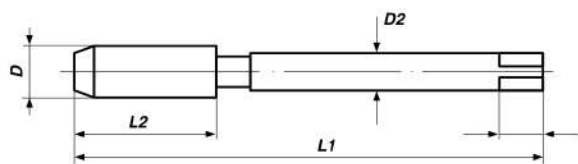
M

Nominal Diameter D	L 1	L 2	D 2	□	Art.-No.	€	€
M 72 x 6.0	240	80.0	50.0	39.0	28130	420,00	1.260,00
M 76 x 6.0	240	80.0	50.0	39.0	28131	770,00	2.310,00
M 80 x 6.0	260	85.0	50.0	39.0	28132	850,00	2.550,00
M 84 x 6.0	260	85.0	50.0	39.0	28133	980,00	2.940,00
M 88 x 6.0	260	85.0	50.0	39.0	28134	1.300,00	3.900,00
M 90 x 6.0	260	85.0	50.0	39.0	28135	1.400,00	4.200,00
M 92 x 6.0	280	90.0	56.0	44.0	28136	1.500,00	4.500,00
M 96 x 6.0	280	90.0	56.0	44.0	28137	1.700,00	5.100,00
M 100 x 6.0	280	90.0	56.0	44.0	28138	1.900,00	5.700,00



Hand Taps, Non-Serial Form

metric ISO-thread DIN 13



Application:

for general use

- non abrasive material up to 900 N/mm²
- unalloyed and low alloyed steel
- for through and blind holes
- for thread cutting by hand



Technical Data

DIN 352

HSS-G

Tol. ISO2/6H

M

Nominal Diameter D	L 1	L 2	D 2	□	Art.-No.	€	€
M 2 x 0.4	36	8	2.8	2.1	27616	4,40	13,20
M 2.5 x 0.45	40	9	2.8	2.1	27622	4,40	13,20
M 3 x 0.5	40	11	3.5	2.7	27626	2,30	6,90
M 4 x 0.7	45	13	4.5	3.4	27630	2,30	6,90
M 5 x 0.8	50	16	6.0	4.9	27634	2,50	7,50
M 6 x 1.0	50	19	6.0	4.9	27638	2,50	7,50
M 8 x 1.25	56	22	6.0	4.9	27642	3,20	9,60
M 9 x 1.25	63	22	7.0	5.5	27644	5,50	16,50
M 10 x 1.5	70	24	7.0	5.5	27646	4,30	12,90
M 11 x 1.5	70	24	8.0	6.2	27648	7,00	21,00
M 12 x 1.75	75	29	9.0	7.0	27650	5,60	16,80
M 13 x 1.75	75	29	9.0	7.0	27652	7,80	23,40
M 14 x 2.0	80	30	11.0	9.0	27654	6,40	19,20
M 16 x 2.0	80	32	12.0	9.0	27658	8,00	24,00
M 18 x 2.5	95	40	14.0	11.0	27662	10,50	31,50
M 19 x 2.5	95	40	14.0	11.0	27664	14,50	43,50
M 20 x 2.5	95	40	16.0	12.0	27666	12,00	36,00
M 22 x 2.5	100	40	18.0	14.5	27670	15,00	45,00
M 24 x 3.0	110	50	18.0	14.5	27674	18,00	54,00
M 27 x 3.0	110	50	20.0	16.0	27676	28,00	84,00
M 30 x 3.5	125	56	22.0	18.0	27678	38,00	114,00
M 33 x 3.5	125	56	25.0	20.0	27680	49,00	147,00
M 36 x 4.0	150	63	28.0	22.0	27682	59,00	177,00
M 39 x 4.0	150	63	32.0	24.0	27684	76,00	228,00
M 42 x 4.5	150	63	32.0	24.0	27686	85,00	255,00
M 3 x 0.6	40	11	3.5	2.7	27627	4,40	13,20
M 4 x 0.75	45	13	4.5	3.4	27631	4,40	13,20
M 5 x 0.9	50	16	6.0	4.9	27635	4,50	13,50



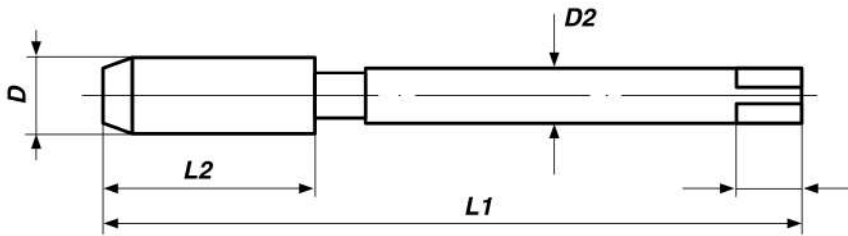
Hand Taps, Non-Serial Form

metric ISO-thread DIN 13

Application:

for general use

- non abrasive material up to 900 N/mm²
- unalloyed and low alloyed steel
- for through and blind holes
- for thread cutting by hand



Technical Data

ISO 529

HSS-G

Tol. ISO2/6H

M

Nominal Diameter D	L 1	L 2	D 2	□	Art.-No.	€	€
M 3 x 0.5	48	11	3.15	2.5	80426	2,70	8,10
M 4 x 0.7	53	13	4.0	3.15	80430	2,70	8,10
M 5 x 0.8	58	16	5.0	4.0	80434	3,00	9,00
M 6 x 1.0	66	19	6.3	5.0	80438	3,00	9,00
M 8 x 1.25	72	22	8.0	6.3	80442	4,00	12,00
M 10 x 1.5	80	24	10.0	8.0	80446	5,50	16,50
M 12 x 1.75	89	29	9.0	7.1	80450	7,00	21,00
M 14 x 2.0	95	30	11.2	9.0	80454	7,70	23,10
M 16 x 2.0	102	32	12.5	10.0	80458	10,00	30,00
M 18 x 2.5	110	37	14.0	11.2	80462	14,00	42,00
M 20 x 2.5	112	37	14.0	11.2	80466	15,50	46,50
M 22 x 2.5	118	38	16.0	12.5	80470	17,80	53,40
M 24 x 3.0	130	45	18.0	14.0	80474	22,00	66,00



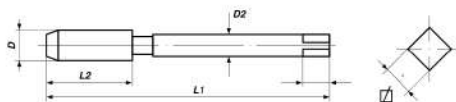
Hand Taps

metric-fine ISO-thread DIN 13

Application:

for general use

- non abrasive material up to 900 N/mm²
- unalloyed and low alloyed steel
- for through and blind holes
- for thread cutting by hand



Technical Data

DIN 2181

HSS-G

Tol. ISO2/6H

Mf

Nominal Diameter D	L 1	L 2	D 2	□	Art.-No.	 €	 €
M 2.5 x 0.35	40	9	2.8	2.1	26304	6,70	13,40
M 2.6 x 0.35	40	9	2.8	2.1	26305	6,70	13,40
M 3 x 0.35	40	9	3.5	2.7	26308	6,70	13,40
M 3.5 x 0.35	45	10	4.0	3.0	26309	6,70	13,40
M 4 x 0.35	45	10	4.5	3.4	26310	6,70	13,40
M 4 x 0.5	45	10	4.5	3.4	26312	6,70	13,40
M 4.5 x 0.5	50	12	6.0	4.9	26313	6,70	13,40
M 5 x 0.5	50	12	6.0	4.9	26314	6,70	13,40
M 5 x 0.75	50	12	6.0	4.9	26316	6,70	13,40
M 5.5 x 0.5	50	12	6.0	4.9	26315	6,70	13,40
M 6 x 0.5	50	14	6.0	4.9	26317	6,70	13,40
M 6 x 0.75	50	14	6.0	4.9	26318	6,00	12,00
M 7 x 0.5	50	14	6.0	4.9	26319	6,00	12,00
M 7 x 0.75	50	14	6.0	4.9	26320	6,00	12,00
M 8 x 0.5	50	19	6.0	4.9	26322	6,00	12,00
M 8 x 0.75	50	19	6.0	4.9	26324	6,00	12,00
M 8 x 1.0	56	22	6.0	4.9	26326	6,00	12,00
M 9 x 0.5	56	19	7.0	5.5	26327	6,70	13,40
M 9 x 0.75	56	19	7.0	5.5	26328	6,70	13,40
M 9 x 1.0	63	20	7.0	5.5	26330	6,70	13,40
M 10 x 0.5	63	20	7.0	5.5	26331	6,70	13,40
M 10 x 0.75	63	20	7.0	5.5	26332	6,70	13,40
M 10 x 1.0	63	20	7.0	5.5	26336	6,00	12,00
M 10 x 1.25	70	24	7.0	5.5	26338	6,70	13,40
M 11 x 0.75	63	20	8.0	6.2	26339	8,70	17,40
M 11 x 1.0	63	20	8.0	6.2	26340	8,70	17,40
M 11 x 1.25	63	22	8.0	6.2	26342	8,70	17,40
M 12 x 0.5	70	22	9.0	7.0	26345	8,70	17,40
M 12 x 0.75	70	22	9.0	7.0	26343	8,70	17,40
M 12 x 1.0	70	22	9.0	7.0	26344	8,70	17,40
M 12 x 1.25	70	22	9.0	7.0	26346	8,70	17,40
M 12 x 1.5	70	22	9.0	7.0	26348	7,90	15,80
M 13 x 0.5	70	22	11.0	9.0	26347	13,30	26,60
M 13 x 0.75	70	22	11.0	9.0	26349	13,30	26,60
M 13 x 1.0	70	22	11.0	9.0	26350	13,30	26,60
M 13 x 1.5	70	22	11.0	9.0	26351	13,30	26,60
M 14 x 0.5	70	22	11.0	9.0	26355	13,30	26,60



Hand Taps

metric-fine ISO-thread DIN 13

Technical Data

DIN 2181

HSS-G

Tol. ISO2/6H

Mf



Nominal Diameter D	L 1	L 2	D 2	□	Art.-No.	 €	 €
M 14 x 0.75	70	22	11.0	9.0	26352	13,30	26,60
M 14 x 1.0	70	22	11.0	9.0	26353	13,30	26,60
M 14 x 1.25	70	22	11.0	9.0	26354	10,00	20,00
M 14 x 1.5	70	22	11.0	9.0	26356	8,60	17,20
M 15 x 0.75	70	22	12.0	9.0	26357	14,70	29,40
M 15 x 1.0	70	22	12.0	9.0	26358	14,70	29,40
M 15 x 1.5	70	22	12.0	9.0	26360	14,70	29,40
M 16 x 0.5	70	22	12.0	9.0	26361	14,70	29,40
M 16 x 0.75	70	22	12.0	9.0	26363	14,70	29,40
M 16 x 1.0	70	22	12.0	9.0	26362	14,70	29,40
M 16 x 1.25	70	22	12.0	9.0	26364	14,70	29,40
M 16 x 1.5	70	22	12.0	9.0	26366	10,50	21,00
M 17 x 1.0	70	22	12.0	9.0	26368	16,10	32,20
M 17 x 1.5	70	22	12.0	9.0	26369	16,10	32,20
M 18 x 0.5	80	22	14.0	11.0	26367	16,10	32,20
M 18 x 0.75	80	22	14.0	11.0	26373	16,10	32,20
M 18 x 1.0	80	22	14.0	11.0	26370	16,10	32,20
M 18 x 1.25	80	22	14.0	11.0	26371	16,10	32,20
M 18 x 1.5	80	22	14.0	11.0	26372	12,10	24,20
M 18 x 2.0	80	22	14.0	11.0	26374	16,10	32,20
M 19 x 1.0	80	22	14.0	11.0	26375	20,20	40,40
M 19 x 1.5	80	22	14.0	11.0	26376	20,20	40,40
M 20 x 0.5	80	22	16.0	12.0	26377	20,20	40,40
M 20 x 0.75	80	22	16.0	12.0	26379	20,20	40,40
M 20 x 1.0	80	22	16.0	12.0	26378	20,20	40,40
M 20 x 1.25	80	22	16.0	12.0	26380	20,20	40,40
M 20 x 1.5	80	22	16.0	12.0	26384	14,70	29,40
M 20 x 2.0	80	22	16.0	12.0	26386	20,20	40,40
M 21 x 1.0	80	22	16.0	12.0	26387	20,90	41,80
M 21 x 1.5	80	22	16.0	12.0	26388	20,90	41,80
M 22 x 0.5	80	22	18.0	14.5	26389	20,90	41,80
M 22 x 0.75	80	22	18.0	14.5	26391	20,90	41,80
M 22 x 1.0	80	22	18.0	14.5	26390	20,90	41,80
M 22 x 1.25	80	22	18.0	14.5	26392	20,90	41,80
M 22 x 1.5	80	22	18.0	14.5	26394	20,90	41,80
M 22 x 2.0	80	22	18.0	14.5	26396	20,90	41,80
M 23 x 1.0	80	22	18.0	14.5	26397	28,00	56,00
M 23 x 1.5	80	22	18.0	14.5	26398	28,00	56,00



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Mf



Nominal Diameter D	L 1	L 2	D 2	□	Art.-No.	€	€
M 24 x 0.5	90	22	18.0	14.5	26501	28,00	56,00
M 24 x 0.75	90	22	18.0	14.5	26503	28,00	56,00
M 24 x 1.0	90	22	18.0	14.5	26500	28,00	56,00
M 24 x 1.25	90	22	18.0	14.5	26502	28,00	56,00
M 24 x 1.5	90	22	18.0	14.5	26504	22,00	44,00
M 24 x 2.0	90	22	18.0	14.5	26506	28,00	56,00
M 25 x 1.0	90	22	18.0	14.5	26507	41,00	82,00
M 25 x 1.5	90	22	18.0	14.5	26508	41,00	82,00
M 26 x 1.0	90	22	18.0	14.5	26510	41,00	82,00
M 26 x 1.5	90	22	18.0	14.5	26512	41,00	82,00
M 26 x 2.0	90	22	18.0	14.5	26514	41,00	82,00
M 27 x 1.0	90	22	20.0	16.0	26516	41,00	82,00
M 27 x 1.5	90	22	20.0	16.0	26517	41,00	82,00
M 27 x 2.0	90	22	20.0	16.0	26518	48,50	97,00
M 28 x 1.0	90	22	20.0	16.0	26520	48,50	97,00
M 28 x 1.5	90	22	20.0	16.0	26522	48,50	97,00
M 28 x 2.0	90	22	20.0	16.0	26524	48,50	97,00
M 29 x 1.5	90	22	22.0	18.0	26526	48,50	97,00
M 30 x 1.0	90	22	22.0	18.0	26528	57,00	114,00
M 30 x 1.5	90	22	22.0	18.0	26530	57,00	114,00
M 30 x 2.0	90	22	22.0	18.0	26532	57,00	114,00
M 30 x 2.5	125	56	22.0	18.0	26533	57,00	114,00
M 30 x 3.0	125	56	22.0	18.0	26534	57,00	114,00
M 32 x 1.0	90	22	22.0	18.0	26539	57,00	114,00
M 32 x 1.5	90	22	22.0	18.0	26536	57,00	114,00
M 32 x 2.0	90	22	22.0	18.0	26535	57,00	114,00
M 32 x 3.0	125	56	22.0	18.0	26537	57,00	114,00
M 33 x 1.5	100	25	25.0	20.0	26538	57,00	114,00
M 33 x 2.0	100	25	25.0	20.0	26540	70,00	140,00
M 33 x 3.0	125	56	25.0	20.0	26542	70,00	140,00
M 34 x 1.0	100	25	28.0	22.0	26543	70,00	140,00
M 34 x 1.5	100	25	28.0	22.0	26544	70,00	140,00
M 34 x 2.0	125	40	28.0	22.0	26546	70,00	140,00
M 35 x 1.0	100	25	28.0	22.0	26547	70,00	140,00
M 35 x 1.5	100	25	28.0	22.0	26548	70,00	140,00
M 35 x 2.0	125	40	28.0	22.0	26549	70,00	140,00
M 36 x 1.0	100	25	28.0	22.0	26551	73,00	146,00
M 36 x 1.5	100	25	28.0	22.0	26550	73,00	146,00



Hand Taps

metric-fine ISO-thread DIN 13

Technical Data

DIN 2181

HSS-G

Tol. ISO2/6H

Mf



Nominal Diameter D	L 1	L 2	D 2	☐	Art.-No.	 €	 €
M 36 x 2.0	125	40	28.0	22.0	26552	73,00	146,00
M 36 x 3.0	125	40	28.0	22.0	26554	73,00	146,00
M 37 x 1.5	100	25	28.0	22.0	26553	91,00	182,00
M 38 x 1.0	100	25	28.0	22.0	26555	91,00	182,00
M 38 x 1.5	100	25	28.0	22.0	26556	91,00	182,00
M 38 x 2.0	125	40	28.0	22.0	26557	91,00	182,00
M 38 x 3.0	125	40	28.0	22.0	26559	91,00	182,00
M 39 x 1.5	110	25	32.0	24.0	26558	91,00	182,00
M 39 x 2.0	125	40	32.0	24.0	26560	91,00	182,00
M 39 x 3.0	125	40	32.0	24.0	26562	91,00	182,00
M 40 x 1.0	110	25	32.0	24.0	26563	91,00	182,00
M 40 x 1.5	110	25	32.0	24.0	26564	91,00	182,00
M 40 x 2.0	125	40	32.0	24.0	26566	91,00	182,00
M 40 x 3.0	125	40	32.0	24.0	26568	91,00	182,00
M 42 x 1.0	110	25	32.0	24.0	26569	91,00	182,00
M 42 x 1.5	110	25	32.0	24.0	26570	91,00	182,00
M 42 x 2.0	125	40	32.0	24.0	26572	95,00	190,00
M 42 x 3.0	125	40	32.0	24.0	26574	95,00	190,00
M 44 x 1.5	110	25	36.0	29.0	26571	107,00	214,00
M 44 x 2.0	125	40	36.0	29.0	26573	107,00	214,00
M 45 x 1.0	110	25	36.0	29.0	26575	107,00	214,00
M 45 x 1.5	110	25	36.0	29.0	26576	107,00	214,00
M 45 x 2.0	125	40	36.0	29.0	26578	107,00	214,00
M 45 x 3.0	125	40	36.0	29.0	26580	107,00	214,00
M 46 x 1.5	140	40	36	29.0	26581	107,00	214,00
M 48 x 1.0	140	40	36	29.0	26583	128,00	256,00
M 48 x 1.5	140	40	36	29.0	26582	128,00	256,00
M 48 x 2.0	140	40	36	29.0	26584	128,00	256,00
M 48 x 3.0	140	40	36	29.0	26586	128,00	256,00
M 50 x 1.5	140	40	36	29.0	26588	140,00	280,00
M 50 x 2.0	140	40	36	29.0	26590	140,00	280,00
M 50 x 3.0	140	40	36	29.0	26592	140,00	280,00
M 52 x 1.5	140	40	40	32.0	26594	168,00	336,00
M 52 x 2.0	140	40	40	32.0	26596	168,00	336,00
M 52 x 3.0	140	40	40	32.0	26598	168,00	336,00
M 54 x 1.0	140	32	40	32.0	28118	182,00	364,00
M 54 x 1.5	140	32	40	32.0	28001	182,00	364,00
M 54 x 3.0	140	40	40	32.0	28003	182,00	364,00



Hand Taps

metric-fine ISO-thread DIN 13

Technical Data

DIN 2181

HSS-G

Tol. ISO2/6H

Mf



Nominal Diameter D	L 1	L 2	D 2	▣	Art.-No.	 €	 €
M 54 x 3.0	140	40	40	32.0	28003	182,00	364,00
M 54 x 4.0	180	50	40	32.0	28004	182,00	364,00
M 55 x 1.5	140	32	40	32.0	28005	208,00	416,00
M 55 x 2.0	140	36	40	32.0	28006	208,00	416,00
M 55 x 3.0	140	40	40	32.0	28007	208,00	416,00
M 55 x 4.0	180	50	40	32.0	28008	208,00	416,00
M 56 x 1.0	140	32	40	32.0	28119	231,00	462,00
M 56 x 1.5	140	32	40	32.0	28009	234,00	468,00
M 56 x 2.0	140	36	40	32.0	28010	234,00	468,00
M 56 x 3.0	140	40	40	32.0	28011	234,00	468,00
M 56 x 4.0	180	50	40	32.0	28012	234,00	468,00
M 58 x 1.0	160	32	45	35.0	28120	250,00	500,00
M 58 x 1.5	160	32	45	35.0	28013	238,00	476,00
M 58 x 2.0	160	36	45	35.0	28014	238,00	476,00
M 58 x 3.0	160	40	45	35.0	28015	238,00	476,00
M 58 x 4.0	200	55	45	35.0	28016	238,00	476,00
M 60 x 1.5	160	34	45	35.0	28017	249,00	498,00
M 60 x 2.0	160	36	45	35.0	28018	249,00	498,00
M 60 x 3.0	160	40	45	35.0	28019	249,00	498,00
M 60 x 4.0	200	55	45	35.0	28020	249,00	498,00
M 62 x 1.5	160	34	50	39.0	28021	285,00	570,00
M 62 x 2.0	160	36	50	39.0	28022	285,00	570,00
M 62 x 3.0	180	45	50	39.0	28023	285,00	570,00
M 62 x 4.0	220	55	50	39.0	28024	285,00	570,00
M 63 x 1.5	160	32	50	39.0	28025	293,00	586,00
M 64 x 1.5	160	34	50	39.0	28026	293,00	586,00
M 64 x 2.0	160	36	50	39.0	28027	293,00	586,00
M 64 x 3.0	180	45	50	39.0	28028	293,00	586,00
M 64 x 4.0	220	60	50	39.0	28029	298,00	596,00
M 65 x 1.5	160	34	50	39.0	28030	310,00	620,00
M 65 x 2.0	160	36	50	39.0	28031	310,00	620,00
M 65 x 3.0	180	45	50	39.0	28032	310,00	620,00
M 65 x 4.0	220	60	50	39.0	28033	310,00	620,00
M 68 x 1.5	160	36	50	39.0	28034	320,00	640,00
M 68 x 2.0	160	40	50	39.0	28035	320,00	640,00
M 68 x 3.0	180	50	50	39.0	28036	320,00	640,00
M 68 x 4.0	220	60	50	39.0	28037	320,00	640,00



Hand Taps

metric-fine ISO-thread DIN 13

Technical Data

DIN 2181

HSS-G

Tol. ISO2/6H

Mf



Nominal Diameter D	L 1	L 2	D 2	☐	Art.-No.	 €	 €
M 70 x 1.5	160	36	50	39.0	28038	560,00	1.120,00
M 70 x 2.0	160	40	50	39.0	28039	560,00	1.120,00
M 70 x 3.0	200	50	50	39.0	28040	635,00	1.270,00
M 70 x 4.0	240	60	50	39.0	28041	635,00	1.270,00
M 72 x 1.5	160	36	50	39.0	28042	560,00	1.120,00
M 72 x 2.0	160	40	50	39.0	28043	560,00	1.120,00
M 72 x 3.0	200	50	50	39.0	28044	635,00	1.270,00
M 72 x 4.0	240	60	50	39.0	28045	635,00	1.270,00
M 74 x 1.5	160	36	50	39.0	28046	620,00	1.240,00
M 74 x 2.0	160	40	50	39.0	28047	620,00	1.240,00
M 74 x 3.0	200	50	50	39.0	28048	730,00	1.460,00
M 74 x 4.0	240	60	50	39.0	28049	730,00	1.460,00
M 75 x 1.5	160	36	50	39.0	28050	625,00	1.250,00
M 75 x 2.0	160	40	50	39.0	28051	625,00	1.250,00
M 75 x 3.0	200	50	50	39.0	28052	735,00	1.470,00
M 75 x 4.0	240	60	50	39.0	28053	735,00	1.470,00
M 76 x 1.5	160	36	50	39.0	28054	635,00	1.270,00
M 76 x 2.0	160	40	50	39.0	28055	635,00	1.270,00
M 76 x 3.0	220	50	50	39.0	28056	785,00	1.570,00
M 76 x 4.0	260	60	50	39.0	28057	785,00	1.570,00
M 78 x 1.5	160	36	50	39.0	28058	635,00	1.270,00
M 78 x 2.0	160	40	50	39.0	28059	635,00	1.270,00
M 78 x 3.0	220	55	50	39.0	28060	785,00	1.570,00
M 78 x 4.0	260	65	50	39.0	28061	785,00	1.570,00
M 80 x 1.5	160	36	50	39.0	28062	690,00	1.380,00
M 80 x 2.0	160	40	50	39.0	28063	690,00	1.380,00
M 80 x 3.0	220	55	50	39.0	28064	860,00	1.720,00
M 80 x 4.0	260	65	50	39.0	28065	860,00	1.720,00
M 82 x 1.5	160	36	50	39.0	28066	690,00	1.380,00
M 82 x 2.0	160	40	50	39.0	28067	690,00	1.380,00
M 82 x 3.0	220	55	50	39.0	28068	860,00	1.720,00
M 82 x 4.0	260	65	50	39.0	28069	860,00	1.720,00
M 84 x 1.5	160	36	50	39.0	28070	805,00	1.610,00
M 84 x 2.0	160	40	50	39.0	28071	805,00	1.610,00
M 84 x 3.0	220	55	50	39.0	28072	972,00	1.944,00
M 84 x 4.0	260	65	50	39.0	28073	972,00	1.944,00
M 85 x 1.5	160	36	50	39.0	28074	1.050,00	2.100,00



Hand Taps

metric-fine ISO-thread DIN 13

Technical Data

DIN 2181

HSS-G

Tol. ISO2/6H

Mf



Nominal Diameter D	L 1	L 2	D 2	▣	Art.-No.	€	€
M 85 x 2.0	160	40	50	39.0	28075	1.050,00	2.100,00
M 85 x 3.0	220	55	50	39.0	28076	1.300,00	2.600,00
M 85 x 4.0	260	65	50	39.0	28077	1.300,00	2.600,00
M 86 x 1.5	160	36	50	39.0	28078	1.050,00	2.100,00
M 86 x 2.0	160	40	50	39.0	28079	1.050,00	2.100,00
M 86 x 3.0	220	55	50	39.0	28080	1.280,00	2.560,00
M 86 x 4.0	260	65	50	39.0	28081	1.280,00	2.560,00
M 88 x 1.5	160	38	50	39.0	28082	1.150,00	2.300,00
M 88 x 2.0	160	40	50	39.0	28083	1.150,00	2.300,00
M 88 x 3.0	220	55	50	39.0	28084	1.320,00	2.640,00
M 88 x 4.0	260	65	50	39.0	28085	1.320,00	2.640,00
M 90 x 1.5	160	38	50	39.0	28086	1.200,00	2.400,00
M 90 x 2.0	160	40	50	39.0	28087	1.180,00	2.360,00
M 90 x 3.0	220	55	50	39.0	28088	1.410,00	2.820,00
M 90 x 4.0	260	65	50	39.0	28089	1.410,00	2.820,00
M 92 x 1.5	180	40	56	44.0	28090	1.200,00	2.400,00
M 92 x 2.0	180	45	56	44.0	28091	1.200,00	2.400,00
M 92 x 3.0	240	60	56	44.0	28092	1.520,00	3.040,00
M 92 x 4.0	280	70	56	44.0	28093	1.520,00	3.040,00
M 95 x 1.5	180	40	56	44.0	28094	1.290,00	2.580,00
M 95 x 2.0	180	45	56	44.0	28095	1.290,00	2.580,00
M 95 x 3.0	240	60	56	44.0	28096	1.700,00	3.400,00
M 95 x 4.0	280	70	56	44.0	28097	1.660,00	3.320,00
M 96 x 1.5	180	40	56	44.0	28098	1.300,00	2.600,00
M 96 x 2.0	180	45	56	44.0	28099	1.300,00	2.600,00
M 96 x 3.0	240	60	56	44.0	28100	1.700,00	3.400,00
M 96 x 4.0	280	70	56	44.0	28101	1.700,00	3.400,00
M 98 x 1.5	180	40	56	44.0	28102	1.400,00	2.800,00
M 98 x 2.0	180	45	56	44.0	28103	1.400,00	2.800,00
M 98 x 3.0	240	60	56	44.0	28104	1.850,00	3.700,00
M 98 x 4.0	280	70	56	44.0	28105	1.850,00	3.700,00
M 100 x 1.5	180	45	56	44.0	28106	1.600,00	3.200,00
M 100 x 2.0	180	50	56	44.0	28107	1.600,00	3.200,00
M 100 x 3.0	240	65	56	44.0	28108	1.950,00	3.900,00
M 100 x 4.0	280	75	56	44.0	28109	1.950,00	3.900,00
M 105 x 1.5	180	45	56	44.0	28110	1.730,00	3.460,00
M 105 x 2.0	180	50	56	44.0	28111	1.730,00	3.460,00
M 105 x 3.0	240	65	56	44.0	28112	2.100,00	4.200,00
M 105 x 4.0	280	75	56	44.0	28113	2.100,00	4.200,00
M 110 x 1.5	180	45	56	44.0	28114	1.900,00	3.800,00
M 110 x 2.0	180	50	56	44.0	28115	1.900,00	3.800,00
M 110 x 3.0	240	65	56	44.0	28116	2.350,00	4.700,00
M 110 x 4.0	280	75	56	44.0	28117	2.350,00	4.700,00



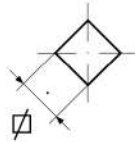
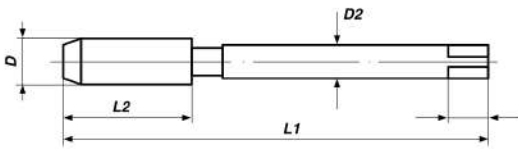
Hand Taps

Whitworth-thread BS 84

Application:

for general use

- non abrasive material up to 900 N/mm²
- unalloyed and low alloyed steel
- for through and blind holes
- for thread cutting by hand



Technical Data

≈ DIN 352

HSS-G

Tol. Med

BSW

Nominal Diameter D	L 1	L 2	D 2	□	Art-No.	 €	 €
BSW 1/16 x 60	36	10	2.5	2.1	22302	6,00	18,00
BSW 3/32 x 48	36	10	2.8	2.1	22304	4,80	14,40
BSW 1/8 x 40	40	12	3.5	2.7	22306	4,30	12,90
BSW 5/32 x 32	45	14	4.5	3.4	22308	4,30	12,90
BSW 3/16 x 24	50	18	6.0	4.9	22310	4,20	12,60
BSW 7/32 x 24	50	18	6.0	4.9	22312	4,20	12,60
BSW 1/4 x 20	50	19	6.0	4.9	22314	4,20	12,60
BSW 5/16 x 18	56	22	6.0	4.9	22316	4,70	14,10
BSW 3/8 x 16	70	24	7.0	5.5	22318	5,20	15,60
BSW 7/16 x 14	70	24	8.0	6.2	22320	6,60	19,80
BSW 1/2 x 12	75	29	9.0	7.0	22322	8,00	24,00
BSW 9/16 x 12	80	30	11.0	9.0	22324	10,50	31,50
BSW 5/8 x 11	80	32	12.0	9.0	22326	11,80	35,40
BSW 3/4 x 10	95	40	14.0	11.0	22330	15,80	47,40
BSW 7/8 x 9	100	40	18.0	14.5	22334	21,00	63,00
BSW 1" x 8	110	50	18.0	14.5	22338	24,20	72,60
BSW 1.1/8 x 7	132	56	22.0	18.0	22342	37,30	111,90
BSW 1.1/4 x 7	132	56	22.0	18.0	22346	42,00	126,00
BSW 1.3/8 x 6	150	63	28.0	22.0	22350	54,60	163,80
BSW 1.1/2 x 6	150	63	32.0	24.0	22354	63,00	189,00
BSW 1.5/8 x 5	160	70	32.0	24.0	22358	126,00	378,00
BSW 1.3/4 x 5	160	70	36.0	29.0	22362	126,00	378,00
BSW 1.7/8 x 4.1/2	190	80	36.0	29.0	22366	164,00	492,00
BSW 2" x 4.1/2	190	80	40.0	32.0	22370	164,00	492,00
BSW 2.1/4 x 4	220	80	45.0	35.0	22372	390,00	1.170,00
BSW 2.1/2 x 4	220	80	50.0	39.0	22374	520,00	1.560,00
BSW 2.3/4 x 3.1/2	240	80	50.0	39.0	22376	1.300,00	3.900,00
BSW 3" x 3.1/2	260	80	50.0	39.0	22378	1.600,00	4.800,00



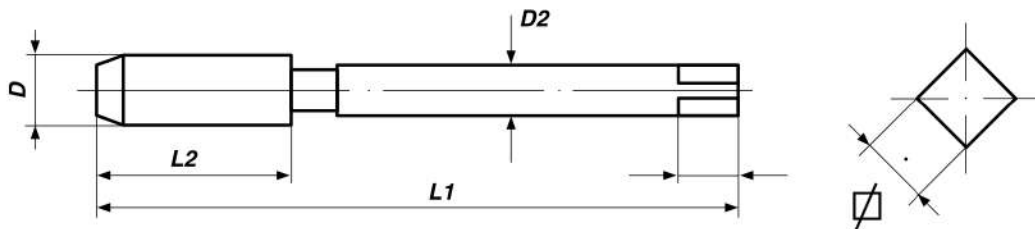
Hand Taps

British-Standard-Fine-thread BS 84

Application:

for general use

- non abrasive material up to 900 N/mm²
- unalloyed and low alloyed steel
- for through and blind holes
- for thread cutting by hand



Technical Data

≈ DIN 2181

HSS-G

Tol. Med

BSW

Nominal Diameter D	L 1	L 2	D 2	□	Art-No.	€	€
BSF 3/16 x 32	50	14	6.0	4.9	22710	4,20	8,40
BSF 1/4 x 26	50	18	6.0	4.9	22714	4,20	8,40
BSF 5/16 x 22	56	22	6.0	4.9	22716	4,70	9,40
BSF 3/8 x 20	63	22	7.0	5.5	22718	5,20	10,40
BSF 7/16 x 18	63	22	8.0	6.2	22720	6,60	13,20
BSF 1/2 x 16	75	24	9.0	7.0	22722	8,00	16,00
BSF 9/16 x 16	80	28	11.0	9.0	22724	10,50	21,00
BSF 5/8 x 14	80	28	12.0	9.0	22726	11,80	23,60
BSF 3/4 x 12	95	32	14.0	11.0	22730	15,80	31,60
BSF 7/8 x 11	100	36	18.0	14.5	22734	21,00	42,00
BSF 1" x 10	110	40	18.0	14.5	22738	24,20	48,40



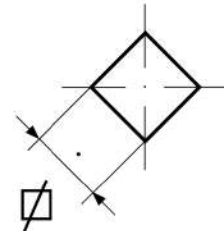
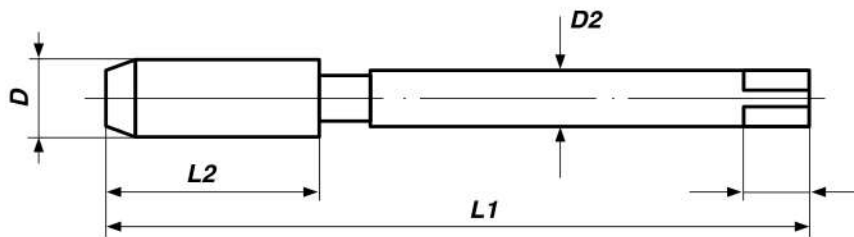
Hand Taps, Non-Serial Form

BA-thread BS 93

Application:

for general use

- non abrasive material up to 900 N/mm²
- unalloyed and low alloyed steel
- for through and blind holes
- for thread cutting by hand



Technical Data

ISO 529

HSS-G

Tol. Med

BA

Nominal Diameter D	L 1	L 2	D 2	□	Art.-No.	€	€
BA 0	66	19	6.3	5.0	89400	5,80	17,40
BA 1	62	17	5.6	4.5	89401	5,80	17,40
BA 2	58	16	5.0	4.0	89402	5,80	17,40
BA 3	53	13	4.5	3.55	89403	5,80	17,40
BA 4	50	13	3.55	2.8	89404	5,80	17,40
BA 5	48	11	3.15	2.5	89405	5,80	17,40
BA 6	45	9.5	2.8	2.24	89406	5,80	17,40



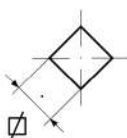
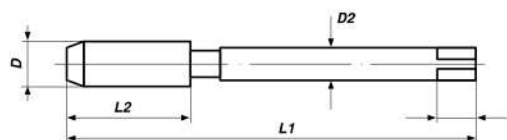
Hand Taps

Unified Coarse thread ANSI B 1.1

Application:

for general use

- non abrasive material up to 900 N/mm²
- unalloyed and low alloyed steel
- for through and blind holes
- for thread cutting by hand



Technical Data

≈ DIN 352

HSS-G

Tol. 2B

UNC

Nominal Diameter D	L 1	L 2	D 2	☐	Art.-No.	€	€
UNC Nr. 1 x 64	32	10	2.5	2.1	23301	6,00	18,00
UNC Nr. 2 x 56	36	11	2.8	2.1	23302	6,00	18,00
UNC Nr. 3 x 48	36	11	2.8	2.1	23303	6,00	18,00
UNC Nr. 4 x 40	40	12	3.5	2.7	23304	5,00	15,00
UNC Nr. 5 x 40	40	12	3.5	2.7	23305	4,20	12,60
UNC Nr. 6 x 32	45	14	4.0	3.0	23306	4,20	12,60
UNC Nr. 8 x 32	45	14	4.5	3.4	23308	4,20	12,60
UNC Nr. 10 x 24	50	16	6.0	4.9	23310	4,20	12,60
UNC Nr. 12 x 24	50	18	6.0	4.9	23312	4,20	12,60
UNC 1/4 x 20	50	19	6.0	4.9	23314	4,20	12,60
UNC 5/16 x 18	56	22	6.0	4.9	23316	4,70	14,10
UNC 3/8 x 16	70	24	7.0	5.5	23318	5,20	15,60
UNC 7/16 x 14	70	24	8.0	6.2	23320	6,60	19,80
UNC 1/2 x 13	75	29	9.0	7.0	23322	8,00	24,00
UNC 9/16 x 12	80	30	11.0	9.0	23324	10,50	31,50
UNC 5/8 x 11	80	32	12.0	9.0	23326	11,80	35,40
UNC 3/4 x 10	95	40	14.0	11.0	23330	15,80	47,40
UNC 7/8 x 9	100	40	18.0	14.5	23334	21,00	63,00
UNC 1" x 8	110	50	18.0	14.5	23338	24,20	72,60
UNC 1.1/8 x 7	132	56	22.0	18.0	23342	37,30	111,90
UNC 1.1/4 x 7	132	56	22.0	18.0	23346	42,00	126,00
UNC 1.3/8 x 6	150	63	28.0	22.0	23350	54,60	163,80
UNC 1.1/2 x 6	150	63	32.0	24.0	23354	63,00	189,00
UNC 1.5/8 x 5	160	70	32.0	24.0	23358	126,00	378,00
UNC 1.3/4 x 5	160	70	36.0	29.0	23362	126,00	378,00
UNC 1.7/8 x 4.1/2	190	80	36.0	29.0	23366	164,00	492,00
UNC 2" x 4.1/2	190	80	40.0	32.0	23370	164,00	492,00
UNC 2.1/4 x 4.1/2	220	80	45.0	35.0	23372	390,00	1.170,00
UNC 2.1/2 x 4	220	80	50.0	39.0	23374	520,00	1.560,00
UNC 2.3/4 x 4	240	80	50.0	39.0	23376	1.300,00	3.900,00
UNC 3" x 4	260	80	50.0	39.0	23378	1.600,00	4.800,00



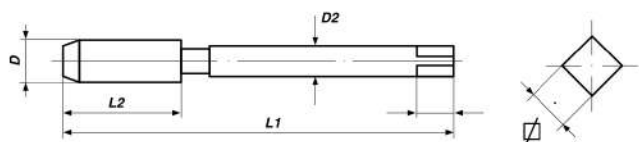
Hand Taps

Unified Fine thread ANSI B 1.1

Application:

for general use

- non abrasive material up to 900 N/mm²
- unalloyed and low alloyed steel
- for through and blind holes
- for thread cutting by hand



Technical Data

≈ DIN 2181

HSS-G

Tol. 2B

UNF

Nominal Diameter D	L 1	L 2	D 2	□	Art.-No.	€	€
UNF Nr. 0 x 80	28	8	2.5	2.1	24300	6,00	12,00
UNF Nr. 1 x 72	32	9	2.8	2.1	24301	6,00	12,00
UNF Nr. 2 x 64	32	10	2.8	2.1	24302	6,00	12,00
UNF Nr. 3 x 56	32	10	2.8	2.1	24303	6,00	12,00
UNF Nr. 4 x 48	36	11	3.5	2.7	24304	5,00	10,00
UNF Nr. 5 x 44	36	11	3.5	2.7	24305	4,20	8,40
UNF Nr. 6 x 40	40	12	4.5	3.4	24306	4,20	8,40
UNF Nr. 8 x 36	40	12	4.5	3.4	24308	4,20	8,40
UNF Nr. 10 x 32	45	14	6.0	4.9	24310	4,20	8,40
UNF Nr. 12 x 28	50	14	6.0	4.9	24312	4,20	8,40
UNF 1/4 x 28	50	18	6.0	4.9	24314	4,20	8,40
UNF 5/16 x 24	56	22	6.0	4.9	24316	4,70	9,40
UNF 3/8 x 24	63	22	7.0	5.5	24318	5,20	10,40
UNF 7/16 x 20	63	22	8.0	6.2	24320	6,60	13,20
UNF 1/2 x 20	75	24	9.0	7.0	24322	8,00	16,00
UNF 9/16 x 18	80	28	11.0	9.0	24324	10,50	21,00
UNF 5/8 x 18	80	28	12.0	9.0	24326	11,80	23,60
UNF 3/4 x 16	95	32	14.0	11.0	24330	15,80	31,60
UNF 7/8 x 14	100	36	18.0	14.5	24334	21,00	42,00
UNF 1" x 12	110	40	18.0	14.5	24338	24,20	48,40
UNF 1" x 14	110	40	18.0	14.5	24340	26,20	52,40
UNF 1.1/8 x 12	110	50	22.0	18.0	24342	37,30	74,60
UNF 1.1/4 x 12	132	56	22.0	18.0	24346	42,00	84,00
UNF 1.3/8 x 12	132	56	28.0	22.0	24350	54,60	109,20
UNF 1.1/2 x 12	150	63	32.0	24.0	24354	63,00	126,00



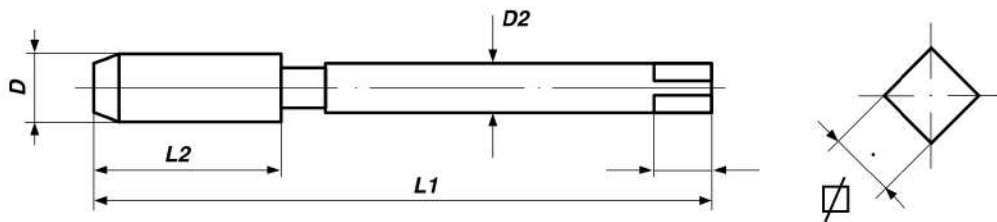
Hand Taps, Non-Serial Form

Unified Extra Fine thread ANSI B 1.1

Application:

for general use

- non abrasive material up to 900 N/mm²
- unalloyed and low alloyed steel
- for through and blind holes
- for thread cutting by hand



Technical Data

ISO 529

HSS-G

Tol. 2B

UNEF

Nominal Diameter D	L 1	L 2	D 2	□	Art.-No.	€	€
UNEF 1/4 x 32	66	19	6.3	5.0	83821	4,80	14,40
UNEF 5/16 x 32	72	22	8.0	6.3	83822	5,40	16,20
UNEF 3/8 x 32	80	24	10.0	8.0	83823	6,10	18,30
UNEF 7/16 x 28	85	25	8.0	6.3	83824	7,60	22,80
UNEF 1/2 x 28	89	29	9.0	7.1	83825	9,00	27,00
UNEF 9/16 x 24	95	30	11.2	9.0	83826	12,60	37,80
UNEF 5/8 x 24	102	32	12.5	10.0	83827	14,20	42,60
UNEF 3/4 x 20	112	37	14.0	11.2	83829	19,00	57,00
UNEF 7/8 x 20	118	38	16.0	12.5	83831	25,50	76,50
UNEF 1" x 20	130	45	16.0	14.0	83833	29,20	87,60



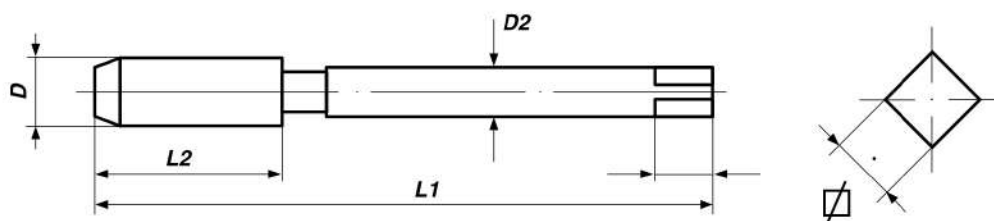
Hand Taps

Pipe-thread DIN ISO 228

Application:

for general use

- non abrasive material up to 900 N/mm²
- unalloyed and low alloyed steel
- for through and blind holes
- for thread cutting by hand



Technical Data

DIN 5157

HSS-G

G (BSP)

Nominal Diameter D	L 1	L 2	D 2	□	Art.-No.	€	€
G 1/8 x 28	63	20	7	5.5	25312	5,50	11,00
G 1/4 x 19	70	22	11	9.0	25314	6,20	12,40
G 3/8 x 19	70	22	12	9.0	25316	9,00	18,00
G 1/2 x 14	80	22	16	12.0	25318	12,80	25,60
G 5/8 x 14	80	22	18	14.5	25320	18,10	36,20
G 3/4 x 14	90	22	20	16.0	25322	18,10	36,20
G 7/8 x 14	90	22	22	18.0	25324	30,50	61,00
G 1" x 11	100	25	25	20.0	25326	30,50	61,00
G 1.1/8 x 11	125	40	28	22.0	25330	53,00	106,00
G 1.1/4 x 11	125	40	32	24.0	25334	53,00	106,00
G 1.3/8 x 11	140	40	36	29.0	25338	72,50	145,00
G 1.1/2 x 11	140	40	36	29.0	25342	72,50	145,00
G 1.5/8 x 11	140	40	40	32.0	25346	145,00	290,00
G 1.3/4 x 11	140	40	40	32.0	25350	145,00	290,00
G 2" x 11	160	40	45	35.0	25354	150,00	300,00
G 2.1/4 x 11	160	40	50	39.0	25358	328,00	656,00
G 2.1/2 x 11	160	40	50	39.0	25362	460,00	920,00
G 2.3/4 x 11	160	40	50	39.0	25366	768,00	1.536,00
G 3" x 11	160	40	50	39.0	25370	895,00	1.790,00
G 3.1/2 x 11	180	45	56	44.0	25374	1.410,00	2.820,00
G 4" x 11	180	45	56	44.0	25378	1.760,00	3.520,00

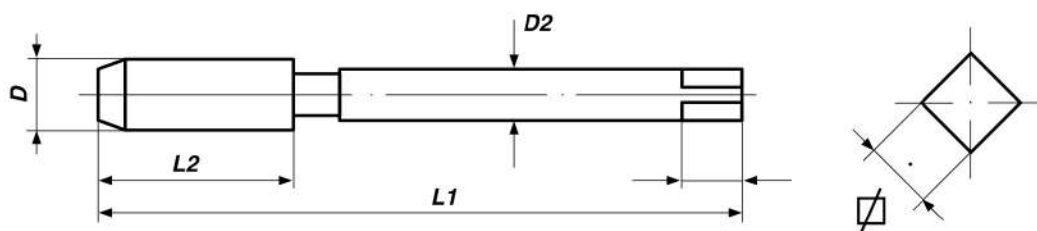


Hand Taps

metric-fine ISO-thread DIN 13

Application:

- high cutting ability
- abrasive material
- steels up to 1200 N/mm²
- and general use



Technical Data

DIN 2181

HSS-E

Tol. ISO2/6H

Mf

Nominal Diameter D	L 1	L 2	D 2	□	Art.-No.	€	€
M 6 x 0.75	50	14	6.0	4.9	56318	8,00	16,00
M 8 x 0.75	50	19	6.0	4.9	56324	8,00	16,00
M 8 x 1.0	56	22	6.0	4.9	56326	8,00	16,00
M 10 x 1.0	63	20	7.0	5.5	56336	8,70	17,40
M 10 x 1.25	70	24	7.0	5.5	56338	10,00	20,00
M 12 x 1.0	70	22	9.0	7.0	56344	12,10	24,20
M 12 x 1.25	70	22	9.0	7.0	56346	12,10	24,20
M 12 x 1.5	70	22	9.0	7.0	56348	12,10	24,20
M 14 x 1.25	70	22	11.0	9.0	56354	14,00	28,00
M 14 x 1.5	70	22	11.0	9.0	56356	12,70	25,40
M 16 x 1.5	70	22	12.0	9.0	56366	16,10	32,20
M 18 x 1.5	80	22	14.0	11.0	56372	18,50	37,00
M 18 x 2.0	80	22	14.0	11.0	56374	22,40	44,80
M 20 x 1.5	80	22	16.0	12.0	56384	21,00	42,00
M 20 x 2.0	80	22	16.0	12.0	56386	28,00	56,00
M 22 x 1.5	80	22	18.0	14.5	56394	26,20	52,40
M 22 x 2.0	80	22	18.0	14.5	56396	28,00	56,00
M 24 x 1.5	90	22	18.0	14.5	56504	35,00	70,00

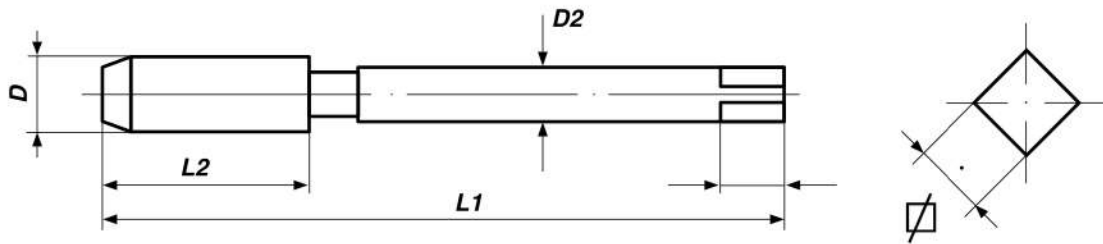


Hand Taps

Pipe-thread DIN ISO 228

Application:

- high cutting ability
- abrasive material
- steels up to 1200 N/mm²
- and general use



Technical Data

DIN 5157

HSS-E

G (BSP)

Nominal Diameter D	L 1	L 2	D 2	□	Art.-No.	€	€
G 1/8 x 28	63	20	7.0	5.5	55312	8,00	16,00
G 1/4 x 19	70	22	11.0	9.0	55314	10,00	20,00
G 3/8 x 19	70	22	12.0	9.0	55316	14,20	28,40
G 1/2 x 14	80	22	16.0	12.0	55318	22,00	44,00
G 3/4 x 14	90	22	20.0	16.0	55322	26,70	53,40
G 1" x 11	100	25	25.0	20.0	55326	46,00	92,00



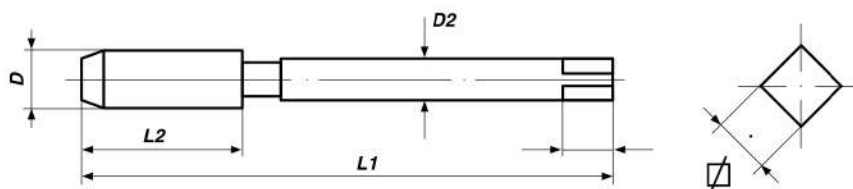
Hand Taps, Left Hand

metric-fine ISO-thread DIN 13

Application:

for general use

- non abrasive material up to 900 N/mm²
- unalloyed and low alloyed steel
- for through and blind holes
- for thread cutting by hand



Technical Data

DIN 352

HSS-G

Tol. ISO2/6H

M

Nominal Diameter D	L 1	L 2	D 2	∠	Art.-No.	€	€
M 3 x 0.5	40	11	3.5	2.7	27026	3,90	11,70
M 4 x 0.7	45	13	4.5	3.4	27030	3,90	11,70
M 5 x 0.8	50	16	6.0	4.9	27034	4,50	13,50
M 6 x 1.0	50	19	6.0	4.9	27038	4,70	14,10
M 8 x 1.25	56	22	6.0	4.9	27042	5,30	15,90
M 10 x 1.5	70	24	7.0	5.5	27046	7,30	21,90
M 12 x 1.75	75	29	9.0	7.0	27050	9,50	28,50
M 14 x 2.0	80	30	11.0	9.0	27054	10,60	31,80
M 16 x 2.0	80	32	12.0	9.0	27058	13,20	39,60
M 18 x 2.5	95	40	14.0	11.0	27062	17,00	51,00
M 20 x 2.5	95	40	16.0	12.0	27066	19,00	57,00
M 22 x 2.5	100	40	18.0	14.5	27070	23,20	69,60
M 24 x 3.0	110	50	18.0	14.5	27074	29,00	87,00
M 27 x 3.0	110	50	20.0	16.0	27076	47,00	141,00
M 30 x 3.5	125	56	22.0	18.0	27078	58,00	174,00
M 33 x 3.5	125	56	25.0	20.0	27080	78,00	234,00
M 36 x 4.0	150	63	28.0	22.0	27082	94,00	282,00
M 39 x 4.0	150	63	32.0	24.0	27084	120,00	360,00
M 42 x 4.5	150	63	32.0	24.0	27086	137,00	411,00
M 45 x 4.5	160	70	36.0	29.0	27088	165,00	495,00
M 48 x 5.0	180	75	36.0	29.0	27090	234,00	702,00
M 52 x 5.0	180	75	40.0	32.0	27092	234,00	702,00



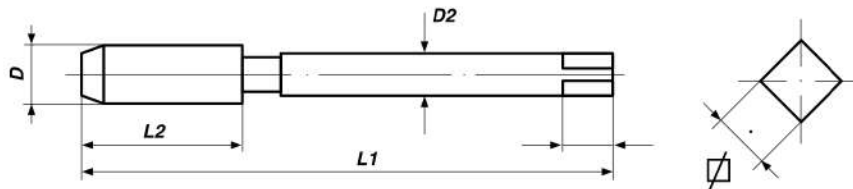
Hand Taps, Left Hand

metric-fine ISO-thread DIN 13

Application:

for general use

- non abrasive material up to 900 N/mm²
- unalloyed and low alloyed steel
- for through and blind holes
- for thread cutting by hand



Technical Data

DIN 2181

HSS-G

Tol. ISO2/6H

Mf

Nominal Diameter D	L 1	L 2	D 2	□	Art.-No.	€	€
M 6 x 0.75	50	14	6.0	4.9	26007	8,90	17,80
M 8 x 0.75	50	19	6.0	4.9	26010	8,90	17,80
M 8 x 1.0	56	22	6.0	4.9	26011	8,90	17,80
M 10 x 1.0	63	20	7.0	5.5	26015	8,90	17,80
M 10 x 1.25	70	24	7.0	5.5	26016	10,00	20,00
M 12 x 1.0	70	22	9.0	7.0	26020	13,20	26,40
M 12 x 1.25	70	22	9.0	7.0	26021	13,20	26,40
M 12 x 1.5	70	22	9.0	7.0	26022	12,10	24,20
M 14 x 1.25	70	22	11.0	9.0	26027	14,70	29,40
M 14 x 1.5	70	22	11.0	9.0	26028	13,20	26,40
M 16 x 1.0	70	22	12.0	9.0	26031	22,00	44,00
M 16 x 1.5	70	22	12.0	9.0	26033	15,80	31,60
M 18 x 1.5	80	22	14.0	11.0	26036	18,50	37,00
M 20 x 1.5	80	22	16.0	12.0	26040	22,00	44,00
M 22 x 1.5	80	22	18.0	14.5	26045	29,00	58,00
M 24 x 1.5	90	22	18.0	14.5	26050	32,00	64,00
M 24 x 2.0	90	22	18.0	14.5	26051	42,00	84,00
M 30 x 1.5	90	22	22.0	18.0	26063	85,00	170,00
M 30 x 2.0	90	22	22.0	18.0	26064	85,00	170,00



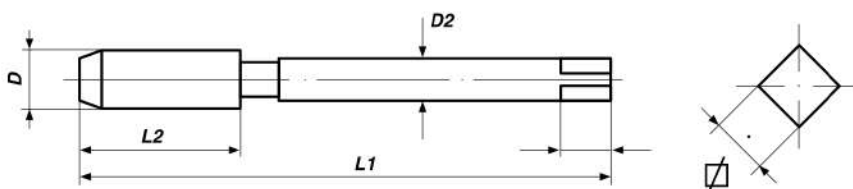
Hand Taps, Left Hand

Whitworth-thread BS 84

Application:

for general use

- non abrasive material up to 900 N/mm²
- unalloyed and low alloyed steel
- for through and blind holes
- for thread cutting by hand



Technical Data

≈ DIN 352

HSS-G

Tol. med

BSW

Nominal Diameter D	L 1	L 2	D 2	☐	Art.-No.	€	€
BSW 1/8 x 40	40	12	3.5	2.7	22006	6,90	20,70
BSW 5/32 x 32	45	14	4.5	3.4	22008	6,90	20,70
BSW 3/16 x 24	50	18	6.0	4.9	22010	6,90	20,70
BSW 1/4 x 20	50	19	6.0	4.9	22014	6,90	20,70
BSW 5/16 x 18	56	22	6.0	4.9	22016	7,20	21,60
BSW 3/8 x 16	70	24	7.0	5.5	22018	8,40	25,20
BSW 7/16 x 14	70	24	8.0	6.2	22020	10,30	30,90
BSW 1/2 x 12	75	29	9.0	7.0	22022	12,30	36,90
BSW 9/16 x 12	80	30	11.0	9.0	22024	16,00	48,00
BSW 5/8 x 11	80	32	12.0	9.0	22026	18,20	54,60
BSW 3/4 x 10	95	40	14.0	11.0	22030	24,30	72,90
BSW 7/8 x 9	100	40	18.0	14.5	22034	30,30	90,90
BSW 1" x 8	110	50	18.0	14.5	22038	36,40	109,20



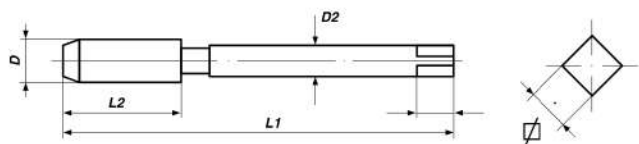
Hand Taps, Left Hand

Unified thread ANSI B 1.1

Application:

for general use

- non abrasive material up to 900 N/mm²
- unalloyed and low alloyed steel
- for through and blind holes
- for thread cutting by hand



Technical Data

≈ DIN 352

HSS-G

Tol. 2B

UNC/UNF

Nominal Diameter		L 1	L 2	D 2	□	Art.-No.	€	€
D								
UNC 3-pcs								
UNC	Nr. 6 x 32	45	14	4.0	3.0	23006	10,90	32,70
UNC	Nr. 8 x 32	45	14	4.5	3.4	23008	10,90	32,70
UNC	Nr. 10 x 24	50	16	6.0	4.9	23010	10,90	32,70
UNC	Nr. 12 x 24	50	18	6.0	4.9	23012	10,90	32,70
UNC	1/4 x 20	50	19	6.0	4.9	23014	6,90	20,70
UNC	5/16 x 18	56	22	6.0	4.9	23016	7,20	21,60
UNC	3/8 x 16	70	24	7.0	5.5	23018	8,40	25,20
UNC	7/16 x 14	70	24	8.0	6.2	23020	10,30	30,90
UNC	1/2 x 13	75	29	9.0	7.0	23022	12,30	36,90
UNC	9/16 x 12	80	30	11.0	9.0	23024	16,00	48,00
UNC	5/8 x 11	80	32	12.0	9.0	23026	18,20	54,60
UNC	3/4 x 10	95	40	14.0	11.0	23030	24,30	72,90
UNC	7/8 x 9	100	40	18.0	14.5	23034	30,30	90,90
UNC	1" x 8	110	50	18.0	14.5	23038	36,40	109,20
UNF 2-pcs								
UNF	Nr. 10 x 32	45	14	6.0	4.9	24010	10,90	21,80
UNF	1/4 x 28	50	18	6.0	4.9	24014	6,90	13,80
UNF	5/16 x 24	56	22	6.0	4.9	24016	7,20	14,40
UNF	3/8 x 24	63	22	7.0	5.5	24018	8,40	16,80
UNF	7/16 x 20	63	22	8.0	6.2	24020	10,30	20,60
UNF	1/2 x 20	75	24	9.0	7.0	24022	12,30	24,60
UNF	9/16 x 18	80	28	11.0	9.0	24024	16,00	32,00
UNF	5/8 x 18	80	28	12.0	9.0	24026	18,20	36,40
UNF	3/4 x 16	95	32	14.0	11.0	24030	24,30	48,60
UNF	7/8 x 14	100	36	18.0	14.5	24034	30,30	60,60
UNF	1" x 12	110	40	18.0	14.5	24038	36,40	72,80



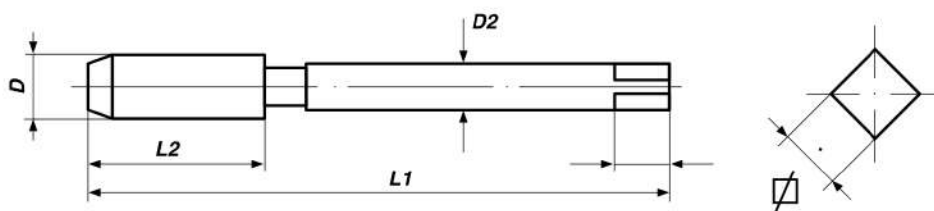
Hand Taps, Left Hand

Pipe-thread DIN ISO 228

Application:

for general use

- non abrasive material up to 900 N/mm²
- unalloyed and low alloyed steel
- for through and blind holes
- for thread cutting by hand



Technical Data

DIN 5157

HSS-G

G (BSP)

Nominal Diameter D	L 1	L 2	D 2	☑	Art.-No.	€	€
G 1/8 x 28	63	20	7.0	5.5	25012	8,40	16,80
G 1/4 x 19	70	22	11.0	9.0	25014	9,50	19,00
G 3/8 x 19	70	22	12.0	9.0	25016	13,70	27,40
G 1/2 x 14	80	22	16.0	12.0	25018	17,80	35,60
G 5/8 x 14	80	22	18.0	14.5	25020	27,30	54,60
G 3/4 x 14	90	22	20.0	16.0	25022	27,30	54,60
G 1" x 11	100	25	25.0	20.0	25026	46,20	92,40
G 1.1/8 x 11	125	40	28.0	22.0	25030	80,00	160,00
G 1.1/4 x 11	125	40	32.0	24.0	25034	80,00	160,00
G 1.3/8 x 11	140	40	36.0	29.0	25038	106,00	212,00
G 1.1/2 x 11	140	40	36.0	29.0	25042	106,00	212,00
G 1.3/4 x 11	140	40	40.0	32.0	25050	218,00	436,00
G 2" x 11	160	40	45.0	35.0	25054	218,00	436,00