



HAND TAPS
MASCHI A MANO



Nr. 1

Rougher, 6-8 Threads Lead
Sgrossatore, Imbocco a 6-8 spire



Nr. 2

Intermediate, 4-5 Threads Lead
Intermedio, Imbocco a 4-5 spire



Nr. 3

Finisher, 2-3 Threads Lead
Finitore, Imbocco a 2-3 spire



NON-SERIAL FORM
VERSIONE CONICA

Nr. 1 - Form A

Finisher, 6-8 Threads Lead
Finitore, Imbocco a 6-8 spire



Nr. 2 - Form D

Finisher, 4-5 Threads Lead
Finitore, Imbocco a 4-5 spire



Nr. 3 - Form C

Finisher, 2-3 Threads Lead
Finitore, Imbocco a 2-3 spire





HAND TAPS MASCHI A MANO

	HSS-G	HSS-E	HSS-G Left Hand/Sinistra
M	16	35	39
Mf	20	37	40
BSW	26		41
BSF	27		
BA	28		
UNC	29		42
UNF	30		42
UNEF	31		
G (BSP)	32	38	43
PG	33		
Tr	34		

Application HSS-G:

- 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

Applicazione HSS-G:

- e per uso universale
- Materiali con buona truciabilità fino a R 900 N/mm²
- Acciaio non legati e scarsamente legati

Application HSS-E:

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

Applicazione HSS-E:

- elevata durata
- Materiali di difficile truciabilità
- Acciaio R fino a 1.200 N/mm²
- E per uso universale

because available ■ because reliable ■ because you ■



Hand Taps

metric ISO-thread DIN 13

Maschi a mano

filettatura metrica ISO DIN 13





DIN 352

HSS-G

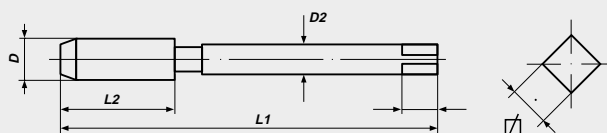
Tol. ISO2/6H

M

Nominal Diameter D	L 1	L 2	D 2	∩	Art.-No.	 €	 €
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
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

How to order/esempio come ordinare:

- M3 = 27326
- M3, No. 1 = 27326-1
- M3, No. 2 = 27326-2
- M3, No. 3 = 27326-3





Hand Taps

metric ISO-thread DIN 13

Maschi a mano

filettatura metrica ISO DIN 13





DIN 352

HSS-G

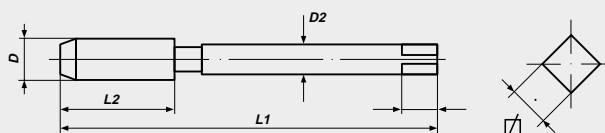
Tol. ISO2/6H

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

How to order/esempio come ordinare:

- M3 = 27326
- M3, No. 1 = 27326-1
- M3, No. 2 = 27326-2
- M3, No. 3 = 27326-3



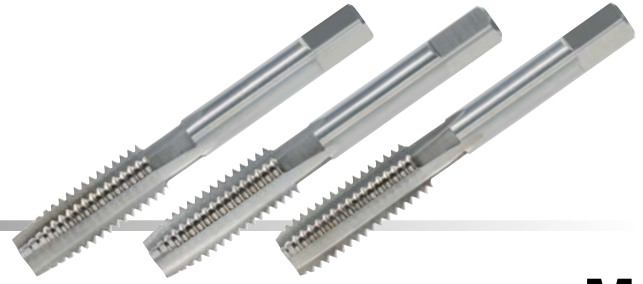


Hand Taps, *non-serial form*

metric ISO-thread DIN 13



Maschi a mano, *versione conica*

filettatura metrica ISO DIN 13



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

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

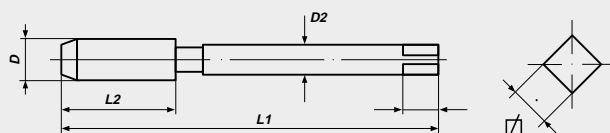
How to order/esempio come ordinare:

- M3 = 27626
- M3, No. 1 = 27626-1
- M3, No. 2 = 27626-2
- M3, No. 3 = 27626-3

Applicazione:

per uso universale

- Materiali con buona trucidibilità fino a R 900 N/mm²
- Acciaio non legati e scarsamente legati
- Fori passanti e ciechi
- Uso manuale





Hand Taps, *non-serial form*

metric ISO-thread DIN 13

Maschi a mano, *versione conica*

filettatura metrica ISO DIN 13





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

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

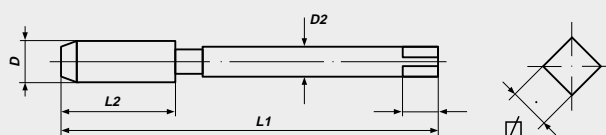
Applicazione:

per uso universale

- Materiali con buona trucidibilità fino a R 900 N/mm²
- Acciaio non legati e scarsamente legati
- Fori passanti e ciechi
- Uso manuale

How to order/esempio come ordinare:

- M3 = 80426
- M3, No. 1 = 80426-1
- M3, No. 2 = 80426-2
- M3, No. 3 = 80426-3





Hand Taps

metric-fine ISO-thread DIN 13



Maschi a mano

filettatura metrica fine ISO DIN 13



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



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

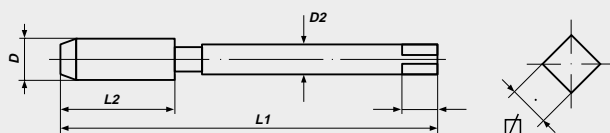
How to order/esempio come ordinare:

M3 x 0.35 = 26308
M3 x 0.35, No. 1 = 26308-1
M3 x 0.35, No. 2 = 26308-2

Applicazione:

per uso universale

- Materiali con buona truciabilità fino a R 900 N/mm²
- Acciaio non legati e scarsamente legati
- Fori passanti e ciechi
- Uso manuale







Hand Taps

metric-fine ISO-thread DIN 13

Maschi a mano

filettatura metrica fine ISO DIN 13

**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
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





Hand Taps

metric-fine ISO-thread DIN 13

Maschi a mano

filettatura metrica fine ISO DIN 13





DIN 2181

HSS-G

Tol. ISO2/6H

Mf

Nominal Diameter D	L 1	L 2	D 2	☒	Art.-No.	 €	 €
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
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





Hand Taps

metric-fine ISO-thread DIN 13

Maschi a mano

filettatura metrica fine ISO DIN 13





DIN 2181

HSS-G

Tol. ISO2/6H

Mf

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.	 €	 €
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 2.0	140	36	40	32.0	28002	182,00	364,00
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





Hand Taps

metric-fine ISO-thread DIN 13

Maschi a mano

filettatura metrica fine ISO DIN 13





DIN 2181

HSS-G

Tol. ISO2/6H

Mf

Nominal Diameter D	L 1	L 2	D 2	∩	Art.-No.	 €	 €
M 68 x 4.0	220	60	50	39.0	28037	320,00	640,00
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
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





Hand Taps

metric-fine ISO-thread DIN 13

Maschi a mano

filettatura metrica fine ISO DIN 13





DIN 2181

HSS-G

Tol. ISO2/6H

Mf

Nominal Diameter D	L 1	L 2	D 2	∩	Art.-No.	 €	 €
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



Maschi a mano

filettatura Whitworth BS 84



≈ **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

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

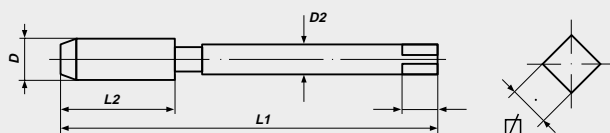
How to order/esempio come ordinare:

BSW 1/8 = 22306
 BSW 1/8, No. 1 = 22306-1
 BSW 1/8, No. 2 = 22306-2
 BSW 1/8, No. 3 = 22306-3

Applicazione:

per uso universale

- Materiali con buona trucioidibilità fino a R 900 N/mm²
- Acciaio non legati e scarsamente legati
- Fori passanti e ciechi
- Uso manuale





Hand Taps

British-Standard-Fine-thread BS 84



Maschi a mano

filettatura Whitworth fine BS 84



≈ **DIN 2181** **HSS-G** **Tol. med**

BSF

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

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

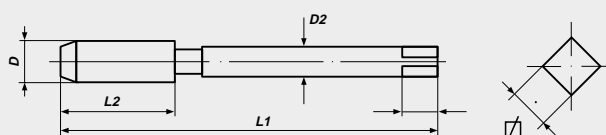
Applicazione:

per uso universale

- Materiali con buona trucioidibilità fino a R 900 N/mm²
- Acciaio non legati e scarsamente legati
- Fori passanti e ciechi
- Uso manuale

How to order/esempio come ordinare:

BSF 1/4 = 22714
 BSF 1/4, No. 1 = 22714-1
 BSF 1/4, No. 3 = 22714-3





Hand Taps, *non-serial form*

BA-thread BS 93

Maschi a mano, *versione conica*

filettatura BA, BS 93





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

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

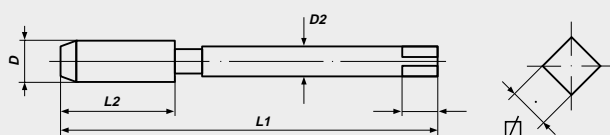
How to order/esempio come ordinare:

- BA 6 = 89406
- BA 6, No. 1 = 89406-1
- BA 6, No. 2 = 89406-2
- BA 6, No. 3 = 89406-3

Applicazione:

per uso universale

- Materiali con buona trucioidibilità fino a R 900 N/mm²
- Acciaio non legati e scarsamente legati
- Fori passanti e ciechi
- Uso manuale





Hand Taps

Unified Coarse thread ANSI B 1.1



Maschi a mano

filettatura unificata, serie grossa ANSI B1.1



≈ **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

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

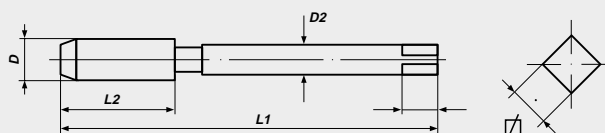
Applicazione:

per uso universale

- Materiali con buona trucidibilità fino a R 900 N/mm²
- Acciaio non legati e scarsamente legati
- Fori passanti e ciechi
- Uso manuale

How to order/eseempio come ordinare:

UNC 1/4 = 23314
 UNC 1/4, No. 1 = 23314-1
 UNC 1/4, No. 2 = 23314-2
 UNC 1/4, No. 3 = 23314-3





Hand Taps

Unified Fine thread ANSI B 1.1



Maschi a mano

filettatura unificata, serie fina ANSI B1.1



≈ **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

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

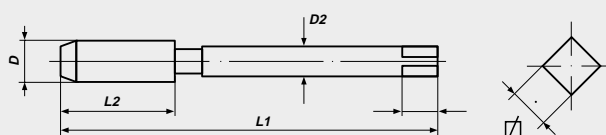
How to order/esempio come ordinare:

UNF 1/4 = 24314
 UNF 1/4, No. 1 = 24314-1
 UNF 1/4, No. 3 = 24314-3

Applicazione:

per uso universale

- Materiali con buona trucioidibilità fino a R 900 N/mm²
- Acciaio non legati e scarsamente legati
- Fori passanti e ciechi
- Uso manuale





Hand Taps, *non-serial form*

Unified Extra Fine thread ANSI B 1.1

Maschi a mano, *versione conica*

filettatura unificata, serie extra-fina ANSI B1.1





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

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

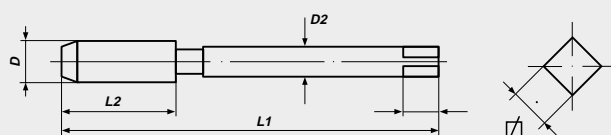
How to order/esempio come ordinare:

UNEF 1/4 = 83821
 UNEF 1/4, No. 1 = 83821-1
 UNEF 1/4, No. 2 = 83821-2
 UNEF 1/4, No. 3 = 83821-3

Applicazione:

per uso universale

- Materiali con buona truciocibilità fino a R 900 N/mm²
- Acciaio non legati e scarsamente legati
- Fori passanti e ciechi
- Uso manuale





Hand Taps

Pipe-thread DIN ISO 228



Maschi a mano

filettatura per tubi gas DIN ISO 228



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

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

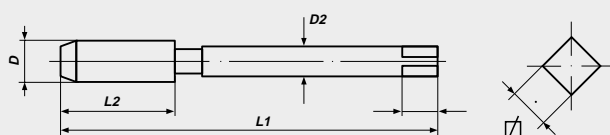
How to order/esempio come ordinare:

- G 1/4 = 25314
- G 1/4, No. 1 = 25314-1
- G 1/4, No. 2 = 25314-2

Applicazione:

per uso universale

- Materiali con buona trucioidibilità fino a R 900 N/mm²
- Acciaio non legati e scarsamente legati
- Fori passanti e ciechi
- Uso manuale





Hand Taps

armoured tube thread DIN 40 430



Maschi a mano

filettatura per tubi corazzati DIN 40 430



DIN 40432 HSS-G

PG

Nominal Diameter D	L 1	L 2	D 2	□	Art.-No.	 €	 €
PG 7 x 20	70	22	9.0	7.0	25707	10,50	21,00
PG 9 x 18	70	22	12.0	9.0	25709	14,00	28,00
PG 11 x 18	80	22	14.0	11.0	25711	23,10	46,20
PG 13.5 x 18	80	22	16.0	12.0	25713	27,30	54,60
PG 16 x 18	80	22	18.0	14.5	25716	33,10	66,20
PG 21 x 16	90	22	22.0	18.0	25721	45,20	90,40
PG 29 x 16	100	25	28.0	22.0	25729	75,00	150,00
PG 36 x 16	140	40	36.0	29.0	25736	120,00	240,00
PG 42 x 16	140	40	40.0	32.0	25742	190,00	380,00
PG 48 x 16	160	40	45.0	35.0	25748	225,00	450,00

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

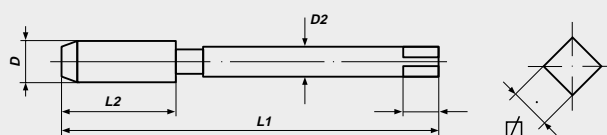
How to order/esempio come ordinare:

PG 7 = 25707
 PG 7, No. 1 = 25707-1
 PG 7, No. 2 = 25707-2

Applicazione:

per uso universale

- Materiali con buona trucidibilità fino a R 900 N/mm²
- Acciaio non legati e scarsamente legati
- Fori passanti e ciechi
- Uso manuale





Hand Taps

trapezoidal thread DIN 103

Maschi a mano



filettatura trapeziodale metrica ISO 103



HSS-G

Tol. 7H

Tr

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.	 €	 €
Tr 10 x 2	90	34	7	5.5	25108	98,00	294,00
Tr 10 x 3	100	40	7	5.5	25112	98,00	294,00
Tr 12 x 3	110	40	8	6.2	25116	102,00	306,00
Tr 14 x 3	130	45	10	8.0	25120	130,00	390,00
Tr 14 x 4	130	55	10	8.0	25124	130,00	390,00
Tr 16 x 4	140	55	11	9.0	25128	130,00	390,00
Tr 18 x 4	150	55	12	9.0	25132	185,00	555,00
Tr 20 x 4	160	55	14	11.0	25136	195,00	585,00
Tr 22 x 5	175	65	16	12.0	25140	247,00	741,00
Tr 24 x 5	190	65	18	14.5	25144	271,00	813,00
Tr 26 x 5	210	70	20	16.0	25148	301,00	903,00
Tr 28 x 5	220	70	22	18.0	25152	328,00	984,00
Tr 30 x 6	240	80	22	18.0	25156	350,00	1.050,00
Tr 32 x 6	255	80	25	20.0	25160	426,00	1.278,00

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

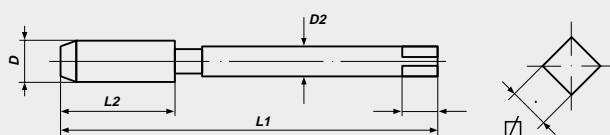
How to order/esempio come ordinare:

- Tr 10x2 = 25108
- Tr 10x2, No. 1 = 25108-1
- Tr 10x2, No. 2 = 25108-2
- Tr 10x2, No. 3 = 25108-3

Applicazione:

per uso universale

- Materiali con buona truciabilità fino a R 900 N/mm²
- Acciaio non legati e scarsamente legati
- Fori passanti e ciechi
- Uso manuale





Hand Taps

metric ISO-thread DIN 13

Maschi a mano

filettatura metrica ISO DIN 13





DIN 352

HSS-E

ToI. 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	57326	4,30	12,90
M 4 x 0.7	45	13	4.5	3.4	57330	4,40	13,20
M 5 x 0.8	50	16	6.0	4.9	57334	4,60	13,80
M 6 x 1.0	50	19	6.0	4.9	57338	4,60	13,80
M 8 x 1.25	56	22	6.0	4.9	57342	6,30	18,90
M 10 x 1.5	70	24	7.0	5.5	57346	8,20	24,60
M 12 x 1.75	75	29	9.0	7.0	57350	10,20	30,60
M 14 x 2.0	80	30	11.0	9.0	57354	11,60	34,80
M 16 x 2.0	80	32	12.0	9.0	57358	15,00	45,00
M 18 x 2.5	95	40	14.0	11.0	57362	19,00	57,00
M 20 x 2.5	95	40	16.0	12.0	57366	22,00	66,00
M 22 x 2.5	100	40	18.0	14.5	57370	26,50	79,50
M 24 x 3.0	110	50	18.0	14.5	57374	33,00	99,00
M 27 x 3.0	110	50	20.0	16.0	57376	50,00	150,00
M 30 x 3.5	125	56	22.0	18.0	57378	68,00	204,00

Application:

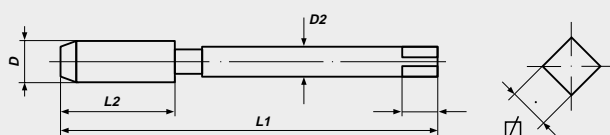
- high cutting ability
- abrasive material
- steels up to 1200 N/mm²
- and general use

Applicazione:

- elevata durata
- materiali di difficile truciolabilità
- Acciaio R fino a 1.200 N/mm²
- e per uso universale

How to order/esempio come ordinare:

- M3 = 57326
- M3, No. 1 = 57326-1
- M3, No. 2 = 57326-2
- M3, No. 3 = 57326-3





Hand Taps

metric ISO-thread DIN 13

Rougher piloted

Maschi a mano

filettatura metrica ISO DIN 13

Sgrosso con guida





DIN 352

HSS-E

Toil. 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	57726	6,90	20,70
M 4 x 0.7	45	13	4.5	3.4	57730	7,00	21,00
M 5 x 0.8	50	16	6.0	4.9	57734	7,40	22,20
M 6 x 1.0	50	19	6.0	4.9	57738	7,40	22,20
M 8 x 1.25	56	22	6.0	4.9	57742	10,10	30,30
M 10 x 1.5	70	24	7.0	5.5	57746	13,20	39,60
M 12 x 1.75	75	29	9.0	7.0	57750	16,30	48,90

Application:

wear resistant steel up to 1400 N/mm²

- high alloy steel
- heat resistant steel
- stainless steel
- alloy tool steel
- cast iron

Surface treatment: steam tempered

Applicazione:

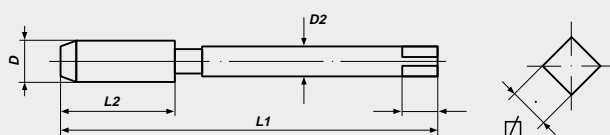
Acciaio ad alta resistenza R a 1.400 N/mm²

- Acciaio alto legato
- Acciaio resistenti al calore
- Acciaio inossidabili
- Acciaio per utensili legato
- Ghisia grigia

Superficie: vaporizzato

How to order / esempio come ordinare:

- M 3 = 57726
- M 3, No. 1 = 57726-1
- M 3, No. 2 = 57726-2
- M 3, No. 3 = 57726-3







Hand Taps

metric-fine ISO-thread DIN 13

Maschi a mano

filettatura metrica ISO DIN 13

**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

Application:

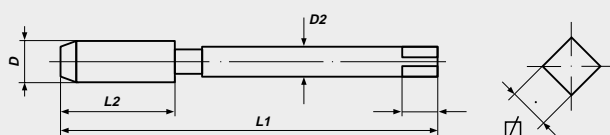
- high cutting ability
- abrasive material
- steels up to 1200 N/mm²
- and general use

Applicazione:

- elevata durata
- materiali di difficile truciabilità
- Acciaio R fino a 1.200 N/mm²
- e per uso universale

How to order / esempio come ordinare:

M 6 x 0.75 = 56318
M 6 x 0.75, No. 1 = 56318-1
M 6 x 0.75, No. 2 = 56318-2





Hand Taps

Pipe-thread DIN ISO 228

Maschi a mano



filettatura per tubi gas DIN ISO 228



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

Application:

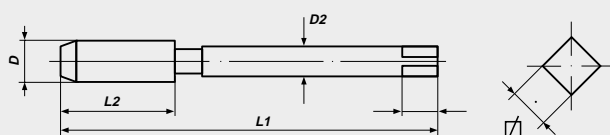
- high cutting ability
- abrasive material
- steels up to 1200 N/mm²
- and general use

Applicazione:

- elevata durata
- materiali di difficile truciolabilità
- Acciaio R fino a 1.200 N/mm²
- e per uso universale

How to order/esempio come ordinare:

- G 1/4 = 55314
- G 1/4, No. 1 = 55314-1
- G 1/4, No. 2 = 55314-2





Hand Taps, *Left Hand*

metric ISO-thread DIN 13

Maschi a mano, *filetto sinistro*

filettatura metrica fine ISO DIN 13





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

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

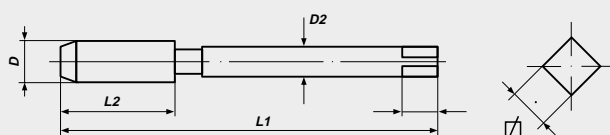
How to order/esempio come ordinare:

- M3 = 27026
- M3, No. 1 = 27026-1
- M3, No. 2 = 27026-2
- M3, No. 3 = 27026-3

Applicazione:

per uso universale

- Materiali con buona trucidibilità fino a R 900 N/mm²
- Acciaio non legati e scarsamente legati
- Fori passanti e ciechi
- Uso manuale





Hand Taps, *Left Hand*

metric-fine ISO-thread DIN 13



Maschi a mano, *filetto sinistro*

filettatura metrica fine ISO DIN 13



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

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

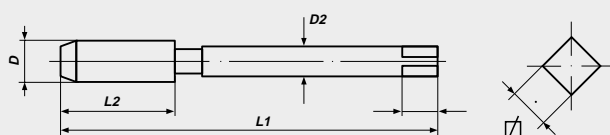
How to order/esempio come ordinare:

- M 6 x 0.75 = 26007
- M 6 x 0.75, No. 1 = 26007-1
- M 6 x 0.75, No. 2 = 26007-2

Applicazione:

per uso universale

- Materiali con buona trucidibilità fino a R 900 N/mm²
- Acciaio non legati e scarsamente legati
- Fori passanti e ciechi
- Uso manuale





Hand Taps, *Left Hand*

Whitworth-thread BS 84



Maschi a mano, *filetto sinistro*

filettatura Whitworth BS 84



≈ **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

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

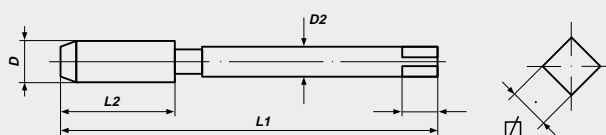
Applicazione:

per uso universale

- Materiali con buona trucidabilità fino a R 900 N/mm²
- Acciaio non legati e scarsamente legati
- Fori passanti e ciechi
- Uso manuale

How to order/esempio come ordinare:

BSW 1/8 = 22006
 BSW 1/8, No. 1 = 22006-1
 BSW 1/8, No. 2 = 22006-2
 BSW 1/8, No. 3 = 22006-3





Hand Taps, *Left Hand*

Unified thread ANSI B 1.1



Maschi a mano, *filetto sinistro*

filettatura unificata ANSI B1.1



≈ **DIN 352** **HSS-G** **Tol. 2B**

UNC / UNF

Nominal Diameter D	L 1	L 2	D 2	□	Art.-No.	 €	 €
-----------------------	-----	-----	-----	---	----------	---	---

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

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

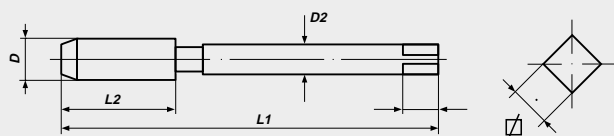
How to order/esempio come ordinare:

UNC 1/4 = 23014
 UNC 1/4, No. 1 = 23014-1
 UNC 1/4, No. 2 = 23014-2
 UNC 1/4, No. 3 = 23014-3

Applicazione:

per uso universale

- Materiali con buona trucidibilità fino a R 900 N/mm²
- Acciaio non legati e scarsamente legati
- Fori passanti e ciechi
- Uso manuale





**Hand Taps, *Left Hand***

Pipe-thread DIN ISO 228

Maschi a mano, *filetto sinistro*

filettatura per tubi gas DIN ISO 228

**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

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

How to order/esempio come ordinare:

- G 1/4 = 25014
- G 1/4, No. 1 = 25014-1
- G 1/4, No. 2 = 25014-2

Applicazione:**per uso universale**

- Materiali con buona truciabilità fino a R 900 N/mm²
- Acciaio non legati e scarsamente legati
- Fori passanti e ciechi
- Uso manuale

