

Short Machine Taps





Short machine taps



Taps for thread cutting by hand and machine

- › Short machine taps acc. to DIN, ISO and JIS-B
- › Taps for through and blind holes
- › for non abrasive material up to 900 N/mm²
- › Short machine taps for right and left-handed threads (LH)
- › Taps with short and long thread lead

M



Metric ISO-thread DIN 13

Short machine taps for metric coarse threads for non abrasive materials up to 900 N/mm².

- › Short machine taps acc. to DIN 352
- › Taps for thread cutting by hand and machine

Application

- › Form B with spiral point: for through holes
- › Form C with 35° spiral flute: for blind holes
- › Form B-AZ (with interrupted threads): for through holes

Metric Coarse thread from M 3 up to M 24



P.K.25 Short machine taps (set of 16 pcs.) (47605)

incl. ratchet and drills M 3 – M 12, DIN 352, Form B with Spiral Point, HSS-E

Type of thread	Standard	Material	Packing	Size
metric ISO thread DIN 13	DIN Standard	HSS-E	in plastic case	Diameter M 3 - 12

Application/for general use:

- › non abrasive material up to 900 N/mm²
- › unalloyed and low alloyed steel
- › for through holes
- › for thread cutting by hand
- › small, handy set for standard application
- › the most popular dimensions in one case

Contents:

	Art. -No.
1x Tap holder with Ratchet for right- and left-hand-turn, Size 1	10001
1x Adjustable Tap Wrenches DIN 1814 Size 1.1/2	13015
1x Short Machine Taps, DIN 352, HSS-E, M 3 x 0.5	61526
1x Short Machine Taps, DIN 352, HSS-E, M 4 x 0.7	61530
1x Short Machine Taps, DIN 352, HSS-E, M 5 x 0.8	61534
1x Short Machine Taps, DIN 352, HSS-E, M 6 x 1.0	61538
1x Short Machine Taps, DIN 352, HSS-E, M 8 x 1.25	61542
1x Short Machine Taps, DIN 352, HSS-E, M 10 x 1.5	61546
1x Short Machine Taps, DIN 352, HSS-E, M 12 x 1.75	61550
Twist drill 2.5 / 3.3 / 4.2 / 5.0 / 6.8 / 8.5 / 10.2 mm	



P.K.26 Short machine taps (set of 15 pcs.) (47601)

incl. drills M 3 – M 12, DIN 352, Form B with Spiral Point, HSS-E

Type of thread	Standard	Material	Packing	Size
metric ISO thread DIN 13	DIN Standard	HSS-E	in plastic case	Diameter M 3 - 12

Application/for general use:

- › non abrasive material up to 900 N/mm²
- › unalloyed and low alloyed steel
- › for through holes
- › for thread cutting by hand
- › small, handy set for standard application
- › the most popular dimensions in one case

Contents:

	Art. -No.
1x Adjustable Tap Wrenches DIN 1814 Size 1.1/2	13015
1x Short Machine Taps, DIN 352, HSS-E, M 3 x 0.5	61526
1x Short Machine Taps, DIN 352, HSS-E, M 4 x 0.7	61530
1x Short Machine Taps, DIN 352, HSS-E, M 5 x 0.8	61534
1x Short Machine Taps, DIN 352, HSS-E, M 6 x 1.0	61538
1x Short Machine Taps, DIN 352, HSS-E, M 8 x 1.25	61542
1x Short Machine Taps, DIN 352, HSS-E, M 10 x 1.5	61546
1x Short Machine Taps, DIN 352, HSS-E, M 12 x 1.75	61550
Twist drill 2.5 / 3.3 / 4.2 / 5.0 / 6.8 / 8.5 / 10.2 mm	



Short machine taps

DIN 352 Form B HSS-E - M, Spiral point

Type of thread: metric ISO-thread DIN 13

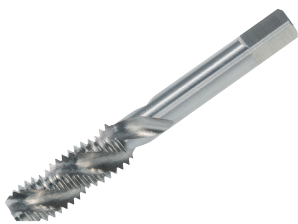
Tolerance: ISO 2 /6H

Variants (13):

Application/for general use:

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

D		L1	L2	D2	Square	Art.-No.
M	3 x 0.5	40	11	3.5	2.7	61526
M	4 x 0.7	45	13	4.5	3.4	61530
M	5 x 0.8	48	16	6.0	4.9	61534
M	6 x 1.0	50	19	6.0	4.9	61538
M	8 x 1.25	56	22	6.0	4.9	61542
M	10 x 1.5	70	24	7.0	5.5	61546
M	12 x 1.75	75	29	9.0	7.0	61550
M	14 x 2.0	80	30	11.0	9.0	61554
M	16 x 2.0	80	32	12.0	9.0	61558
M	18 x 2.5	95	40	14.0	11.0	61562
M	20 x 2.5	95	40	16.0	12.0	61566
M	22 x 2.5	100	40	18.0	14.5	61570
M	24 x 3.0	110	50	18.0	14.5	61574



Short machine taps

DIN 352 Form C 35°RSP HSS-E - M, Spiral flute

Type of thread: metric ISO-thread DIN 13

Tolerance: ISO 2 /6H

Variants (7):

Application/for general use:

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

D		L1	L2	D2	Square	Art.-No.
M	3 x 0.5	40	11	3.5	2.7	61726
M	4 x 0.7	45	13	4.5	3.4	61730
M	5 x 0.8	48	16	6.0	4.9	61734
M	6 x 1.0	50	19	6.0	4.9	61738
M	8 x 1.25	56	22	6.0	4.9	61742
M	10 x 1.5	70	24	7.0	5.5	61746
M	12 x 1.75	75	29	9.0	7.0	61750

D = Nominal Diameter

L1 = Overall Length

L2 = Thread Length

D2 = Shank Diameter

Square = Drive Connector



Short machine taps

DIN 352 Form B-AZ HSS-E - M, with interrupted threads

Type of thread: metric ISO-thread DIN 13

Tolerance: ISO 2 /6H

Variants (7):

Application/for general use:

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

D		L1	L2	D2	Square	Art.-No.
M	3 x 0.5	40	11	3.5	2.7	61926
M	4 x 0.7	45	13	4.5	3.4	61930
M	5 x 0.8	48	16	6.0	4.9	61934
M	6 x 1.0	50	19	6.0	4.9	61938
M	8 x 1.25	56	22	6.0	4.9	61942
M	10 x 1.5	70	24	7.0	5.5	61946
M	12 x 1.75	75	29	9.0	7.0	61950



M (ISO 529)



Metric ISO-thread DIN 13

Short machine taps for metric coarse threads for non abrasive materials up to 900 N/mm².

- Short machine taps acc. to ISO 529
- Taps for thread cutting by hand and machine

Application

- Form B with spiral point: for through holes
- Form C with 35° spiral flute: for blind holes
- Form B-AZ (with interrupted threads): for through holes

Metric Coarse thread from M 2 up to M 30



P.K.85 Machine taps (set of 18 pcs.) (80501)

ISO 529 incl. drills M 3 - M 10, Form B Round Dies DIN 223 / 25 x 9

Type of thread	Standard	Material	Packing	Size
metric ISO thread DIN 13	ISO Standard	HSS-G	in plastic case	Diameter M 3 - 10

Application/for general use:

- non abrasive material up to 900 N/mm²
- unalloyed and low alloyed steel
- for through holes
- small, handy set for standard application
- the most popular dimensions in one case

Contents:	Art.-No.	Contents:	Art.-No.
1x Short Machine Taps, ISO 529, HSS-G, M 3 x 0.5	80526	1x Round Dies, DIN 223 (DIN EN 22568), HSS-G, M 3 x 0.5	27426
1x Short Machine Taps, ISO 529, HSS-G, M 4 x 0.7	80530	1x Round Dies, DIN 223 (DIN EN 22568), HSS-G, M 4 x 0.7	27430
1x Short Machine Taps, ISO 529, HSS-G, M 5 x 0.8	80534	1x Round Dies, HSS-G, M 5 x 0.8	27834
1x Short Machine Taps, ISO 529, HSS-G, M 6 x 1.0	80538	1x Round Dies, HSS-G, M 6 x 1.0	27838
1x Short Machine Taps, ISO 529, HSS-G, M 8 x 1.25	80542	1x Round Dies, HSS-G, M 8 x 1.25	27842
1x Short Machine Taps, ISO 529, HSS-G, M 10 x 1.5	80546	1x Round Dies, HSS-G, M 10 x 1.5	27846
Twist drill 2.5 / 3.3 / 4.2 / 5.0 / 6.8 / 8.5 mm			



Machine taps (set of 7 pcs.) (80500)

ISO 529 Form B M 3 - M 12

Type of thread	Standard	Material	Packing	Size
metric ISO thread DIN 13	ISO 529	HSS-G	in plastic case	Diameter M 3 - 12

Application/for general use:

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

Contents:

	Art. -No.
1x Short Machine Taps, ISO 529, HSS-G, M 3 x 0.5	80526
1x Short Machine Taps, ISO 529, HSS-G, M 4 x 0.7	80530
1x Short Machine Taps, ISO 529, HSS-G, M 5 x 0.8	80534
1x Short Machine Taps, ISO 529, HSS-G, M 6 x 1.0	80538
1x Short Machine Taps, ISO 529, HSS-G, M 8 x 1.25	80542
1x Short Machine Taps, ISO 529, HSS-G, M 10 x 1.5	80546
1x Short Machine Taps, ISO 529, HSS-G, M 12 x 1.75	80550



Machine taps (set of 7 pcs.) (80900)

ISO 529 Form B-AZ M 3 - M 12

Type of thread	Standard	Material	Packing	Size
metric ISO thread DIN 13	ISO 529	HSS-G	in plastic case	Diameter M 3 - 12

Application/for general use:

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

Contents:

	Art. -No.
1x Short Machine Taps, ISO 529, HSS-G, M 3 x 0.5	80926
1x Short Machine Taps, ISO 529, HSS-G, M 4 x 0.7	80930
1x Short Machine Taps, ISO 529, HSS-G, M 5 x 0.8	80934
1x Short Machine Taps, ISO 529, HSS-G, M 6 x 1.0	80938
1x Short Machine Taps, ISO 529, HSS-G, M 8 x 1.25	80942
1x Short Machine Taps, ISO 529, HSS-G, M 10 x 1.5	80946
1x Short Machine Taps, ISO 529, HSS-G, M 12 x 1.75	80950



Machine taps (set of 7 pcs.) (80700)

ISO 529 Form C/35°RSP M 3 - M 12

Type of thread	Standard	Material	Packing	Size
metric ISO thread DIN 13	ISO 529	HSS-G	in plastic case	Diameter M 3 - 12

Application/for general use:

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

Contents:

	Art.-No.
1x Short Machine Taps, ISO 529, HSS-G, M 3 x 0.5	80726
1x Short Machine Taps, ISO 529, HSS-G, M 4 x 0.7	80730
1x Short Machine Taps, ISO 529, HSS-G, M 5 x 0.8	80734
1x Short Machine Taps, ISO 529, HSS-G, M 6 x 1.0	80738
1x Short Machine Taps, ISO 529, HSS-G, M 8 x 1.25	80742
1x Short Machine Taps, ISO 529, HSS-G, M 10 x 1.5	80746
1x Short Machine Taps, ISO 529, HSS-G, M 12 x 1.75	80750



Machine taps, extra long

ISO 2283 HSS-G - M

Type of thread: metric ISO-thread DIN 13	Tolerance: ISO 2 /6H
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Variants (7):

Application/for general use:

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

D		L1	L2	D2	Square	Art.-No.
M	3 x 0.6	73	13	3.15	2.5	80104
M	4 x 0.7	73	13	3.15	2.5	80105
M	5 x 0.8	79	16	4.0	3.15	80106
M	6 x 1.0	89	19	4.5	3.55	80107
M	8 x 1.25	97	22	6.3	5.0	80108
M	10 x 1.5	108	24	8.0	6.3	80109
M	12 x 1.75	119	29	9.0	7.1	80110



Short machine taps

ISO 529 Form C 35°RSP HSS-G - M

Type of thread: metric ISO-thread DIN 13

Tolerance: ISO 2 /6H

Variants (17):

Application/for general use:

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

D		L1	L2	D2	Square	Art.-No.
M	2.5 x 0.45	44.5	9.5	2.80	2.24	80722
M	2.6 x 0.45	44.5	9.5	2.90	2.24	80724
M	3 x 0.5	48.0	11.0	3.15	2.50	80726
M	4 x 0.7	53.0	13.0	4.00	3.15	80730
M	5 x 0.8	58.0	16.0	5.00	4.00	80734
M	6 x 1.0	66.0	19.0	6.30	5.00	80738
M	8 x 1.25	72.0	22.0	8.00	6.30	80742
M	10 x 1.5	80.0	24.0	10.00	8.00	80746
M	12 x 1.75	89.0	29.0	9.00	7.10	80750
M	14 x 2.0	95.0	30.0	11.20	9.00	80754
M	16 x 2.0	102.0	32.0	12.50	10.00	80758
M	18 x 2.5	110.0	37.0	14.00	11.20	80762
M	20 x 2.5	112.0	37.0	14.00	11.20	80766
M	22 x 2.5	118.0	38.0	16.00	12.50	80770
M	24 x 3.0	130.0	45.0	18.00	14.00	80774
M	27 x 3.0	135.0	45.0	20.00	16.00	80776
M	30 x 3.5	138.0	48.0	20.00	16.00	80778



Short machine taps

ISO 529 Form B HSS-G - M

Type of thread: metric ISO-thread DIN 13

Tolerance: ISO 2 /6H

Variants (19):

Application/for general use:

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

D		L1	L2	D2	Square	Art.-No.
M	2 x 0.4	41.0	8.0	2.50	2.00	80516
M	2.5 x 0.45	44.5	9.5	2.80	2.24	80522
M	2.6 x 0.45	44.5	9.5	2.90	2.24	80524
M	3 x 0.5	48.0	11.0	3.15	2.50	80526
M	3.5 x 0.6	50.0	13.0	3.55	2.80	80528
M	4 x 0.7	53.0	13.0	4.00	3.15	80530
M	5 x 0.8	58.0	16.0	5.00	4.00	80534
M	6 x 1.0	66.0	19.0	6.30	5.00	80538
M	8 x 1.25	72.0	22.0	8.00	6.30	80542
M	10 x 1.5	80.0	24.0	10.00	8.00	80546
M	12 x 1.75	89.0	29.0	9.00	7.10	80550
M	14 x 2.0	95.0	30.0	11.20	9.00	80554
M	16 x 2.0	102.0	32.0	12.50	10.00	80558
M	18 x 2.5	110.0	37.0	14.00	11.20	80562
M	20 x 2.5	112.0	37.0	14.00	11.20	80566
M	22 x 2.5	118.0	38.0	16.00	12.50	80570
M	24 x 3.0	130.0	45.0	18.00	14.00	80574
M	27 x 3.0	135.0	45.0	20.00	16.00	80576
M	30 x 3.5	138.0	48.0	20.00	16.00	80578



Short machine taps

ISO 529 Form B-AZ HSS-G - M

Type of thread: metric ISO-thread DIN 13

Tolerance: ISO 2 /6H

Variants (14):

Application/for general use:

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

D		L1	L2	D2	Square	Art.-No.
M	3 x 0.5	48.0	11.0	3.15	2.50	80926
M	4 x 0.7	53.0	13.0	4.00	3.15	80930
M	5 x 0.8	58.0	16.0	5.00	4.00	80934
M	6 x 1.0	66.0	19.0	6.30	5.00	80938
M	7 x 1.0	66.0	19.0	7.10	5.60	80940
M	8 x 1.25	72.0	22.0	8.00	6.30	80942
M	10 x 1.5	80.0	24.0	10.00	8.00	80946
M	12 x 1.75	89.0	29.0	9.00	7.10	80950
M	14 x 2.0	95.0	30.0	11.20	9.00	80954
M	16 x 2.0	102.0	32.0	12.50	10.00	80958
M	18 x 2.5	110.0	37.0	14.00	11.20	80962
M	20 x 2.5	112.0	37.0	14.00	11.20	80966
M	22 x 2.5	118.0	38.0	16.00	12.50	80970
M	24 x 3.0	130.0	45.0	18.00	14.00	80974



Mf



Metric-fine ISO-thread DIN 13

Short machine taps for metric fine threads for non abrasive materials up to 900 N/mm².

- Short machine taps, metric fine acc. to DIN 2181
- Taps for thread cutting by hand and machine
- Form D with 4-5 threads lead: for through holes

Metric fine taps from M 6x0.75 - M 32x1.5



Short machine taps

DIN 2181 Form D HSS-G - Mf

Type of thread: metric-fine ISO-thread DIN 13

Tolerance: ISO 2 /6H

Variants (33):

Application/for general use:

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

D		L1	L2	D2	Square	Art.-No.
M	6 x 0.75	50	14	6.0	4.9	66318
M	8 x 0.75	50	19	6.0	4.9	66324
M	8 x 1.0	56	22	6.0	4.9	66326
M	9 x 0.75	56	19	7.0	5.5	66328
M	9 x 1.0	63	20	7.0	5.5	66330
M	10 x 0.75	63	20	7.0	5.5	66332
M	10 x 1.0	63	20	7.0	5.5	66336
M	10 x 1.25	70	24	7.0	5.5	66338
M	12 x 1.0	70	22	9.0	7.0	66344
M	12 x 1.25	70	22	9.0	7.0	66346
M	12 x 1.5	70	22	9.0	7.0	66348
M	13 x 1.0	70	22	11.0	9.0	66350
M	13 x 1.5	70	22	11.0	9.0	66351
M	14 x 1.0	70	22	11.0	9.0	66353
M	14 x 1.25	70	22	11.0	9.0	66354
M	14 x 1.5	70	22	11.0	9.0	66356
M	15 x 1.5	70	22	12.0	9.0	66360
M	16 x 1.5	70	22	12.0	9.0	66366
M	18 x 1.0	80	22	14.0	11.0	66370

D = Nominal Diameter

L1 = Overall Length

L2 = Thread Length

D2 = Shank Diameter

Square = Drive Connector



D		L1	L2	D2	Square	Art.-No.
M	18 x 1.5	80	22	14.0	11.0	66372
M	20 x 1.5	80	22	16.0	12.0	66384
M	20 x 2.0	80	22	16.0	12.0	66386
M	22 x 1.5	80	22	18.0	14.5	66394
M	22 x 2.0	80	22	18.0	14.5	66396
M	24 x 1.5	90	22	18.0	14.5	66504
M	24 x 2.0	90	22	18.0	14.5	66506
M	25 x 1.5	90	22	18.0	14.5	66508
M	26 x 1.5	90	22	18.0	14.5	66512
M	27 x 1.5	90	22	20.0	16.0	66517
M	28 x 1.5	90	22	20.0	16.0	66522
M	30 x 1.5	90	22	22.0	18.0	66530
M	30 x 2.0	90	22	22.0	18.0	66532
M	32 x 1.5	90	22	22.0	18.0	66536



BSW - W (DIN 477)



Whitworth-thread

Short machine taps for BSW (British-Standard-Whitworth) and tapered Whitworth screw threads (for gas cylinders). Especially suitable for non abrasive materials up to 900 N/mm².

- Short machine taps acc. to ≈ DIN 352
- Taps for thread cutting by hand and machine
- unalloyed and low alloyed steel

BSW 1/8 - BSW 1" and W 19.8 - W 31.3



Short machine taps

≈ DIN 352 Form D HSS-G – BSW

Type of thread: Whitworth-thread BS 84

Variants (12):

Application/for general use:

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

D		L1	L2	D2	Square	Art.-No.
BSW	1/8 x 40	40	12	3.5	2.7	62306
BSW	3/16 x 24	50	18	6.0	4.9	62310
BSW	1/4 x 20	50	19	6.0	4.9	62314
BSW	5/16 x 18	56	22	6.0	4.9	62316
BSW	3/8 x 16	70	24	7.0	5.5	62318
BSW	7/16 x 14	70	24	8.0	6.2	62320
BSW	1/2 x 12	75	29	9.0	7.0	62322
BSW	9/16 x 12	80	30	11.0	9.0	62324
BSW	5/8 x 11	80	32	12.0	9.0	62326
BSW	3/4 x 10	95	40	14.0	11.0	62330
BSW	7/8 x 9	100	40	18.0	14.5	62334
BSW	1" x 8	110	50	18.0	14.5	62338



Short machine taps

≈ DIN 352 Form C HSS-G - W

Type of thread: tapered Whitworth thread, for gas cylinders taper 3:25, DIN 477

Variants (3):

Application/for general use:

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

D		L1	L2	D2	Square	Art.-No.
W	19.8 x 14	90	32	16.0	12.0	62397
W	28.8 x 14	100	40	20.0	16.0	62398
W	31.3 x 14	110	40	22.0	18.0	62399



UNC / UNF



Unified Coarse and Fine thread ANSI B 1.1

Short machine taps for UNC (Unified Coarse) and UNF (Unified Fine threads). Taps especially suitable for non abrasive materials up to 900 N/mm².

- UNC/UNF Short machine taps acc. to ≈ DIN 352
- Taps for thread cutting by hand and machine
- unalloyed and low alloyed steel

UNC 1/4 - UNC 1" and UNF 1/4 - UNF 1"



Short machine taps

≈ DIN 352 Form D HSS-G - UNC + ≈ DIN 352 Form D HSS-G - UNF

Type of thread: UNC: Unified Coarse thread ANSI B 1.1

Type of thread: UNF: Unified Fine thread ANSI B 1.1

Tolerance: 2B

Variants (10 + 10):

Application/ for general use:

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

D	L1	L2	D2	Square	Art.-No.	Art.-No.
1/4 x 20	50	19	6.0	4.9	UNC: 63314	UNF: 64314
5/16 x 18	56	22	6.0	4.9	UNC: 63316	UNF: 64316
3/8 x 16	70	24	7.0	5.5	UNC: 63318	UNF: 64318
7/16 x 14	70	24	8.0	6.2	UNC: 63320	UNF: 64320
1/2 x 13	75	29	9.0	7.0	UNC: 63322	UNF: 64322
9/16 x 12	80	30	11.0	9.0	UNC: 63324	UNF: 64324
5/8 x 11	80	32	12.0	9.0	UNC: 63326	UNF: 64326
3/4 x 10	95	40	14.0	11.0	UNC: 63330	UNF: 64330
7/8 x 9	100	40	18.0	14.5	UNC: 63334	UNF: 64334
1" x 8	110	50	18.0	14.5	UNC: 63338	UNF: 64338



G (BSP)



Pipe thread DIN ISO 228

Short machine taps for G (BSP) pipe threads.
Taps especially suitable for non abrasive materials up to 900 N/mm².

- G (BSP) Short machine taps acc. to DIN 5157
- Taps for thread cutting by hand and machine
- unalloyed and low alloyed steel

Pipe thread G (BSP) 1/8 - G (BSP) 4"



Short machine taps

DIN 5157 Form D HSS-G - G (BSP)

Type of thread: Pipe-thread DIN ISO 228

Variants (16):

Application/for general use:

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

D		L1	L2	D2	Square	Art.-No.
G	1/8 x 28	63	20	7.0	5.5	65312
G	1/4 x 19	70	22	11.0	9.0	65314
G	3/8 x 19	70	22	12.0	9.0	65316
G	1/2 x 14	80	22	16.0	12.0	65318
G	3/4 x 14	90	22	20.0	16.0	65322
G	1" x 11	100	25	25.0	20.0	65326
G	1.1/4 x 11	125	40	32.0	24.0	65334
G	1.1/2 x 11	140	40	36.0	29.0	65342
G	1.3/4 x 11	140	40	40.0	32.0	65350
G	2" x 11	160	40	45.0	35.0	65354
G	2.1/4 x 11	160	40	50.0	39.0	65358
G	2.1/2 x 11	160	40	50.0	39.0	65362
G	2.3/4 x 11	160	40	50.0	39.0	65366
G	3" x 11	160	40	50.0	39.0	65370
G	3.1/2 x 11	180	45	56.0	44.0	65374
G	4" x 11	180	45	56.0	44.0	65378



Rc (BSPT)



Tapered pipe thread, taper 1:16, con. 55°

Short machine taps for Rc (BSPT) tapered pipe thread. Taps especially suitable for non abrasive materials up to 900 N/mm².

- Rc (BSPT) Short machine taps for unalloyed and low alloyed steel
- Taps for thread cutting by hand and machine

Application

- Form C: for through and blind holes
- Form B: for through holes
- Form C with 35° spiral flute: for blind holes

Tapered pipe thread PT 1/16 - PT 2"



Short machine taps

Form C HSS-G - Rc (BSPT)

Type of thread: tapered pipe thread, taper 1:16, con. 55°

Variants (7):

Application/for general use:

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

D		L1	L2	D2	Square	Art.-No.
PT	1/8 x 28	65	19.0	7.0	5.5	63712
PT	1/4 x 19	70	25.0	11.0	9.0	63714
PT	3/8 x 19	75	26.0	12.0	9.0	63716
PT	1/2 x 14	80	31.0	16.0	12.0	63718
PT	3/4 x 14	100	33.0	22.0	16.0	63722
PT	5/8	-	-	-	-	63720
PT	1" x 11	110	38.0	25.0	20.0	63726



Short machine taps

Form C 35°RSP HSS-G - Rc (BSPT)

Type of thread: tapered pipe thread, taper 1:16, con. 55°

Variants (10):

Application/for general use:

- › non abrasive material up to 900 N/mm²
- › unalloyed and low alloyed steel
- › for thread cutting by hand and machine
- › Form C for blind holes,
- › Form B for through holes

D		L1	L2	D2	Square	Art.-No.
PT	1/16 x 28	55	17.5	8.0	6.0	97702
PT	1/8 x 28	55	19.0	8.0	6.0	97706
PT	1/4 x 19	62	28.0	11.0	9.0	97714
PT	3/8 x 19	65	28.0	14.0	11.0	97718
PT	1/2 x 14	80	35.0	18.0	14.0	97722
PT	3/4 x 14	85	35.0	23.0	17.0	97730
PT	1" x 11	95	45.0	26.0	21.0	97738
PT	1.1/4 x 11	105	45.0	32.0	26.0	97746
PT	1.1/2 x 11	110	45.0	38.0	29.0	97754
PT	2" x 11	120	50.0	46.0	35.0	97770



Short machine taps

Form B HSS-G - Rc (BSPT)

Type of thread: tapered pipe thread, taper 1:16, con. 55°

Variants (10):

Application/for general use:

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

D		L1	L2	D2	Square	Art.-No.
PT	1/16 x 28	55	17.5	8.0	6.0	97502
PT	1/8 x 28	55	19.0	8.0	6.0	97506
PT	1/4 x 19	62	28.0	11.0	9.0	97514
PT	3/8 x 19	65	28.0	14.0	11.0	97518
PT	1/2 x 14	80	35.0	18.0	14.0	97522
PT	3/4 x 14	85	35.0	23.0	17.0	97530
PT	1" x 11	95	45.0	26.0	21.0	97538
PT	1.1/4 x 11	105	45.0	32.0	26.0	97546
PT	1.1/2 x 11	110	45.0	38.0	29.0	97554
PT	2" x 11	120	50.0	46.0	35.0	97570

D = Nominal Diameter L1 = Overall Length L2 = Thread Length D2 = Shank Diameter Square = Drive Connector



Rp (BSPP)



Pipe-thread, cylindrical ISO 7-1 (DIN EN 10226-1)

Short machine taps for Rp (BSPP) cylindrical pipe thread. Taps especially suitable for non abrasive materials up to 900 N/mm².

- Rp (BSPP) Short machine taps for unalloyed and low alloyed steel
- Taps for thread cutting by hand and machine

Application

- Form C: for through and blind holes
- Form C with 35° spiral flute: for blind holes

Cylindrical pipe thread PS 1/16 - PS 2"



Short machine taps

Form C 35°RSP HSS-G – Rp (BSPP) + Form C HSS-G – Rp (BSPP)

Type of thread: Pipe-thread ISO 7-1

Variants (10 + 10):

Application/for general use:

- non abrasive material up to 900 N/mm²
- unalloyed and low alloyed steel
- for thread cutting by hand and machine
- Form C 35° for blind holes
- Form C for through and blind holes

D	L1	L2	D2	Square	Art.-No.	Art.-No.
PS 1/16 x 28	55	19	6.5	5.0	Form C 35°: 95702	Form C: 95402
PS 1/8 x 28	55	19	8.0	6.0	Form C 35°: 95706	Form C: 95406
PS 1/4 x 19	62	28	11.0	9.0	Form C 35°: 95714	Form C: 95414
PS 3/8 x 19	65	28	14.0	11.0	Form C 35°: 95718	Form C: 95418
PS 1/2 x 14	80	35	18.0	14.0	Form C 35°: 95722	Form C: 95422
PS 3/4 x 14	85	35	23.0	17.0	Form C 35°: 95730	Form C: 95430
PS 1" x 11	95	45	26.0	21.0	Form C 35°: 95738	Form C: 95438
PS 1.1/4 x 11	105	45	32.0	26.0	Form C 35°: 95746	Form C: 95446
PS 1.1/2 x 11	110	45	38.0	29.0	Form C 35°: 95754	Form C: 95454
PS 2" x 11	120	50	46.0	35.0	Form C 35°: 95770	Form C: 95470



PG



Armoured tube thread DIN 40 430

Short machine taps for armoured tube threads (PG-threads). Taps especially suitable for non abrasive materials up to 900 N/mm².

- PG Short machine tap acc. to DIN 40432
- Taps for thread cutting by hand and machine
- unalloyed and low alloyed steel

Armoured tube threads PG 7 - PG 48



Short machine taps

DIN 40432 Form D HSS-G - PG

Type of thread: armoured tube thread DIN 40 430

Variants (10):

Application/for general use:

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

D		L1	L2	D2	Square	Art.-No.
PG	7 x 20	70	22	9.0	7.0	65707
PG	9 x 18	70	22	12.0	9.0	65709
PG	11 x 18	80	22	14.0	11.0	65711
PG	13.5 x 18	80	22	16.0	12.0	65713
PG	16 x 18	80	22	18.0	14.5	65716
PG	21 x 16	90	22	22.0	18.0	65721
PG	29 x 16	100	25	28.0	22.0	65729
PG	36 x 16	140	40	36.0	29.0	65736
PG	42 x 16	140	40	40.0	32.0	65742
PG	48 x 16	160	40	45.0	35.0	65748



NPT



American tapered pipe thread, taper 1:16 (NPT)

Short machine taps for NPT american tapered pipe thread. Taps especially suitable for non abrasive materials up to 900 N/mm².

- NPT Short machine taps for unalloyed and low alloyed steel
- Taps for thread cutting by hand and machine

Application

- Form C: for through and blind holes
- Form B: for through holes
- Form C with 35° spiral flute: for blind holes

American, tapered pipe thread NPT 1/16 - NPT 2"



Short machine taps

Form C HSS-G - NPT

Type of thread: american tapered pipe thread, taper 1:16

Variants (10):

Application/for general use:

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

D		L1	L2	D2	Square	Art.-No.
NPT	1/16 x 27	65	19	7.0	5.5	63510
NPT	1/8 x 27	65	19	7.0	5.5	63512
NPT	1/4 x 18	70	25	11.0	9.0	63514
NPT	3/8 x 18	75	26	12.0	9.0	63516
NPT	1/2 x 14	80	31	16.0	12.0	63518
NPT	3/4 x 14	100	33	20.0	16.0	63522
NPT	1" x 11.5	110	38	25.0	20.0	63526
NPT	1.1/4 x 11.5	125	41	32.0	24.0	63534
NPT	1.1/2 x 11.5	140	42	36.0	29.0	63542
NPT	2" x 11.5	160	44	36.0	29.0	63554



Short machine taps

Form C 35°RSP HSS-G - NPT + Form B HSS-G - NPT

Type of thread: american tapered pipe thread, taper 1:16

Variants (10 + 10):

Application/for general use:

- › non abrasive material up to 900 N/mm²
- › unalloyed and low alloyed steel
- › for thread cutting by hand and machine
- › Form C 35° for blind holes
- › Form B for through holes

D		L1	L2	D2	Square	Art.-No.	Art.-No.
NPT	1/16 x 27	65	19	7.0	5.5	Form C: 98702	Form B: 98502
NPT	1/8 x 27	65	19	7.0	5.5	Form C: 98706	Form B: 98506
NPT	1/4 x 18	70	25	11.0	9.0	Form C: 98714	Form B: 98514
NPT	3/8 x 18	75	26	12.0	9.0	Form C: 98718	Form B: 98518
NPT	1/2 x 14	80	31	16.0	12.0	Form C: 98722	Form B: 98522
NPT	3/4 x 14	100	33	20.0	16.0	Form C: 98730	Form B: 98530
NPT	1" x 11.5	110	38	25.0	20.0	Form C: 98738	Form B: 98538
NPT	1.1/4 x 11.5	125	41	32.0	24.0	Form C: 98746	Form B: 98546
NPT	1.1/2 x 11.5	140	42	36.0	29.0	Form C: 98754	Form B: 98554
NPT	2" x 11.5	160	44	36.0	29.0	Form C: 98770	Form B: 98570



NPT - Left Hand



american tapered pipe thread, taper 1:16 NPT Left Hand

Short machine taps for left-handed american tapered pipe thread (NPT LH). Taps especially suitable for non abrasive materials up to 900 N/mm².

- NPT Short machine taps for unalloyed and low alloyed steel
- Form C: for through and blind holes
- Taps for thread cutting by hand and machine

Application

- Form C: for through and blind holes
- Form B: for through holes
- Form C with 35° spiral flute: for blind holes

NPT Left-handed thread NPT 1/8 LH - NPT 1.1/2" LH



Short machine taps, left hand

Form C HSS-G - NPT LH

Type of thread: american tapered pipe thread, taper 1:16

Variants (8):

Application/for general use:

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

D		L1	L2	D2	Square	Art.-No.
NPT	1/8 x 27	65	19	7.0	5.5	63002
NPT	1/4 x 18	70	25	11.0	9.0	63003
NPT	3/8 x 18	75	26	12.0	9.0	63004
NPT	1/2 x 14	80	31	16.0	12.0	63005
NPT	3/4 x 14	100	33	20.0	16.0	63007
NPT	1" x 11.5	110	38	25.0	20.0	63009
NPT	1.1/4 x 11.5	125	41	32.0	24.0	63011
NPT	1.1/2 x 11.5	140	42	36.0	29.0	63013



NPTF



american tapered pipe thread, taper 1:16 (NPTF)

Short machine taps for NPTF american tapered pipe thread. Taps especially suitable for non abrasive materials up to 900 N/mm².

- NPTF Short machine taps for unalloyed and low alloyed steel
- Taps for thread cutting by hand and machine

Application

- Form B: for through holes
- Form C with 35° spiral flute: for blind holes

American, tapered pipe thread NPTF 1/16 - NPTF 2"



Short machine taps

Form B HSS-E - NPTF + Form C 35°RSP HSS-E - NPTF

Type of thread: american tapered pipe thread, taper 1:16

Variants (10 + 6):

Application/for general use:

- non abrasive material up to 900 N/mm²
- unalloyed and low alloyed steel
- for thread cutting by hand and machine
- Form B for through holes
- Form C 35° for blind holes

D		L1	L2	D2	Square	Art.-No.	Art.-No.
NPTF	1/16 x 27	55	19	6.5	5.0	Form B: 98571	-
NPTF	1/8 x 27	55	19	8.0	6.0	Form B: 98572	Form C 35° 98772
NPTF	1/4 x 18	62	28	11.0	9.0	Form B: 98574	Form C 35° 98774
NPTF	3/8 x 18	65	28	14.0	11.0	Form B: 98576	Form C 35° 98776
NPTF	1/2 x 14	80	35	18.0	14.0	Form B: 98578	Form C 35° 98778
NPTF	3/4 x 14	85	35	23.0	17.0	Form B: 98580	Form C 35° 98780
NPTF	1" x 11.5	95	45	26.0	21.0	Form B: 98582	Form C 35° 98782
NPTF	1.1/4 x 11.5	105	45	32.0	26.0	Form B: 98584	-
NPTF	1.1/2 x 11.5	110	45	38.0	29.0	Form B: 98586	-
NPTF	2" x 11.5	120	50	46.0	35.0	Form B: 98588	-



NPS



American tapered pipe thread, cylindrical (NPS)

Short machine taps for NPS cylindrical american tapered pipe thread. Taps especially suitable for non abrasive materials up to 900 N/mm².

- NPS Short machine taps for unalloyed and low alloyed steel
- Taps for thread cutting by hand and machine

Application

- Form C: for through and blind holes
- Form C with 35° spiral flute: for blind holes

American, cylindrical tapered pipe thread NPS 1/16 - NPS 2"



Short machine taps

Form C 35°RSP HSS-E - NPS + Form C HSS-E - NPS

Type of thread: american tapered pipe thread

Variants (10 + 10):

Application/for general use:

- non abrasive material up to 900 N/mm²
- unalloyed and low alloyed steel
- for thread cutting by hand and machine
- Form C 35° for blind holes
- Form C for through and blind holes

D		L1	L2	D2	Square	Art.-No.	Art.-No.
NPS	1/16 x 27	54	17.5	8.0	6.0	Form C 35° 99702	Form C: 99402
NPS	1/8 x 27	55	19.0	8.0	6.0	Form C 35° 99706	Form C: 99406
NPS	1/4 x 18	62	28.0	11.0	9.0	Form C 35° 99714	Form C: 99414
NPS	3/8 x 18	65	28.0	14.0	11.0	Form C 35° 99718	Form C: 99418
NPS	1/2 x 14	80	35.0	18.0	14.0	Form C 35° 99722	Form C: 99422
NPS	3/4 x 14	85	35.0	23.0	17.0	Form C 35° 99730	Form C: 99430
NPS	1" x 11.5	95	45.0	26.0	21.0	Form C 35° 99738	Form C: 99438
NPS	1.1/4 x 11.5	105	45.0	32.0	26.0	Form C 35° 99746	Form C: 99446
NPS	1.1/2 x 11.5	110	45.0	38.0	29.0	Form C 35° 99754	Form C: 99454
NPS	2" x 11.5	120	50.0	46.0	35.0	Form C 35° 99770	Form C: 99470