

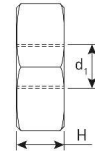
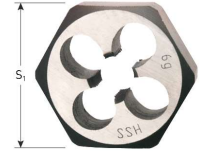
## Hexagon die nuts

### Hexagonal die nut Metric Fine (MF) HSS

HSS hexagonal die nuts, according to DIN 382, for metric threads.  
Application; For cleaning up damaged threads.  
Die nuts cannot be used for cutting new threads.

Packed per 1 piece

Article No.	d1	p	S1 mm	H mm	IMPA	Article No.	d1	p	S1 mm	H mm	IMPA
397329N	M 3	0.35	19	5	-	397347N	M 14	1.5	36	14	-
397330N	M 4	0.35	19	5	-	397348N	M 16	1.0	41	14	-
397331N	M 4	0.5	19	7	-	397349N	M 16	1.5	41	14	-
397332N	M 5	0.5	19	7	-	397350N	M 18	1.0	41	14	-
397333N	M 6	0.5	19	7	-	397351N	M 18	1.5	41	14	-
397334N	M 6	0.75	19	7	-	397352N	M 18	2.0	41	14	-
397335N	M 8	0.5	22	9	-	397353N	M 20	1.0	41	14	-
397336N	M 8	0.75	22	9	-	397354N	M 20	1.5	41	14	-
397337N	M 8	1.0	22	9	-	397355N	M 20	2.0	41	14	-
397338N	M 10	0.75	27	11	-	397356N	M 22	1.5	41	14	-
397339N	M 10	1.0	27	11	-	397357N	M 22	2.0	41	14	-
397340N	M 10	1.25	27	11	-	397358N	M 24	1.5	50	16	-
397341N	M 12	0.75	36	10	-	397359N	M 24	2.0	50	16	-
397342N	M 12	1.0	36	10	-	397360N	M 25	1.5	50	16	-
397343N	M 12	1.25	36	10	-	397361N	M 27	1.5	60	18	-
397344N	M 12	1.5	36	14	-	397362N	M 27	2.0	60	18	-
397345N	M 14	1.0	36	10	-	397363N	M 30	1.5	60	18	-
397346N	M 14	1.25	36	10	-	397364N	M 30	2.0	60	18	-



### Hexagonal die nut sets Metric

Die sets in carry box

Packed per 1 set.

Article No.	Description	Contents
392320	7 pcs die set M3 - 12 in ABS box according to DIN-EN 382	1x hexagonal die nut M3, M4, M5, M6, M8, M10 and M12

Many other thread cutting tools available.

See for examples our website:

<https://www.repairmanagement.nl/products/cutting-tools/>

Or contact our product specialist.

## Machine Taps

### Machine Taps Metric (M) HSS-Co OPTI-LINE

HSS-Co machine taps, DIN 376, metric thread [M], 60°, form B lead chamfer.

For through holes in (alloyed) steels <800 N/mm². Material groups: 1.1 - 1.2 - 1.3 - 1.4

Packed per 1 piece

Article No.	d1	p	Drill size mm	a mm	Article No.	d1	p	Drill size mm	a mm
390100	M 2	0.4	1.6	-	390112	M 22	2.5	19.5	14.5
390101	M 3	0.5	2.5	-	390113	M 24	3.0	21.0	14.5
390102	M 4	0.7	3.3	2.1	390114	M 27	3.0	24.0	16.0
390103	M 5	0.8	4.2	2.7	390115	M 30	3.5	26.5	18.0
390104	M 6	1.0	5.0	3.4	390116	M 33	3.5	29.5	20.0
390105	M 8	1.25	6.8	4.9	390117	M 36	4.0	32.0	22.0
390106	M 10	1.5	8.5	5.5	390118	M 39	4.0	35.0	24.0
390107	M 12	1.75	10.2	7.0	390119	M 42	4.5	37.5	24.0
390108	M 14	2.0	12.0	9.0	390120	M 45	4.5	40.5	29.0
390109	M 16	2.0	14.0	9.0	390121	M 48	5.0	43.0	29.0
390110	M 18	2.5	15.5	11.0	390122	M 52	5.0	47.0	32.0
390111	M 20	2.5	17.5	12.0					



### Machine Taps Metric (M) HSS-Co OPTI-LINE

HSS-Co machine taps, DIN 371, metric thread [M], 60°, form B lead chamfer.

Application; For through holes in (alloyed) steels <800 N/mm². Material groups: 1.1 - 1.2 - 1.3 - 1.4.

Packed per 1 piece

Article No.	d1	p	Drill size mm	a mm	Article No.	d1	p	Drill size mm	a mm
390174	M 3	0.5	2.5	2.7	390179	M 7	1.0	6.0	5.5
390176	M 4	0.7	3.3	3.4	390180	M 8	1.25	6.8	6.2
390177	M 5	0.8	4.2	4.9	390181	M 10	1.5	8.5	8.0
390178	M 6	1.0	5.0	4.9					



# Machine Taps

## Machine Taps Metric (M) HSS-Co OPTI-LINE SPIRAL

HSS-Co machine taps, DIN 376, metric thread [M], 60°, form B lead chamfer.  
Application; For blind holes in (alloyed) steels <800 N/mm<sup>2</sup>.  
Material groups: 1.1 - 1.2 - 1.3 - 1.4.

Packed per 1 piece



Article No.	d1	p	Drill size mm	a mm
390133	M 6	1.0	5.0	3.4
390134	M 8	1.25	6.8	4.9
390135	M 10	1.5	8.5	5.5
390136	M 12	1.75	10.2	7.0
390137	M 14	2.0	12.0	9.0
390138	M 16	2.0	14.0	9.0
390139	M 18	2.5	15.5	11.0

Article No.	d1	p	Drill size mm	a mm
390140	M 20	2.5	17.5	12.0
390141	M 22	2.5	19.5	14.5
390142	M 24	3.0	21.0	14.5
390143	M 27	3.0	24.0	16.0
390144	M 30	3.5	26.5	18.0
390145	M 33	3.5	29.5	20.0
390146	M 36	4.0	32.0	22.0



## Machine Taps Metric (M) HSS-Co OPTI-LINE SPIRAL

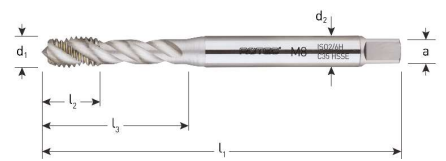
HSS-Co machine taps, DIN 371, metric thread [M], 60°, form B lead chamfer.  
Application; For blind holes in (alloyed) steels <800 N/mm<sup>2</sup>.  
Material groups: 1.1 - 1.2 - 1.3 - 1.4.

Packed per 1 piece



Article No.	d1	p	Drill size mm	a mm
390150	M 3	0.5	2.5	2.7
390151	M 4	0.7	3.3	3.4
390152	M 5	0.8	4.2	4.9

Article No.	d1	p	Drill size mm	a mm
390153	M 6	1.0	5.0	4.9
390154	M 8	1.25	6.8	6.2
390155	M 10	1.5	8.5	8.0



## Machine Taps Metric (M) HSS-Co 800

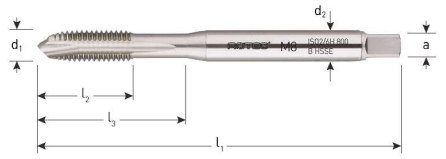
HSS-Co machine taps, DIN 371, metric thread [M], 60°, form B lead chamfer.  
Application; For through holes in (alloyed) steels <800 N/mm<sup>2</sup>.  
Material groups: 1.1 - 1.2 - 1.3 - 1.4.

Packed per 1 piece



Article No.	d1	p	Drill size mm	a mm
390050	M 2	0.4	1.6	2.1
390051	M 2.5	0.45	2.05	2.1
390052	M 3	0.5	2.5	2.7
390052B	M 3.5	0.6	2.9	3.0
390053	M 4	0.7	3.3	3.4

Article No.	d1	p	Drill size mm	a mm
390054	0.8	0.8	4.2	4.9
390055	1.0	1.0	5.0	4.9
390056	1.25	1.25	6.8	6.2
390057	1.5	1.5	8.5	8.0



## Machine Taps Metric (M) HSS-Co INOX 1000 Blue-ring

High performance HSS-Co blue-ring machine taps according to DIN 371, for metric thread in through holes, ISO 2 (6H), form B lead chamfer, bright finish.  
Application; For tapping of stainless steels or (alloyed) steels with tensile strength < 1.000 N/mm<sup>2</sup> Material groups: 1.1 - 1.2 - 1.3 - 1.4 - 2.1 - 2.2 - 2.3.

Packed per 1 piece



Article No.	d1	p	Drill size mm	a mm
390200	M 3	0.5	2.5	2.7
390201	M 4	0.7	3.3	3.4
390202	M 5	0.8	4.2	4.9

Article No.	d1	p	Drill size mm	a mm
390203	M 6	1.0	5.0	4.9
390204	M 8	1.25	6.8	6.2
390205	M 10	1.5	8.5	8.0



## Machine Taps Metric (M) HSS-Co INOX 1000 Blue-ring

High performance HSS-Co blue-ring machine taps according to DIN 376, for metric thread in through holes, ISO 2 (6H), form B lead chamfer, bright finish.  
Application; For tapping of stainless steels or (alloyed) steels with tensile strength < 1.000 N/mm<sup>2</sup> Material groups: 1.1 - 1.2 - 1.3 - 1.4 - 2.1 - 2.2 - 2.3.

Packed per 1 piece



Article No.	d1	p	Drill size mm	a mm
390210	M 8	1.25	6.8	4.9
390211	M 10	1.5	8.5	5.5
390212	M 12	1.75	10.2	7.0
390214	M 16	2.0	14.0	9.0

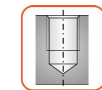
Article No.	d1	p	Drill size mm	a mm
390215	M 18	2.5	15.5	11.0
390216	M 20	2.5	17.5	12.0
390218	M 24	3.0	21.0	14.5



## Machine Taps Metric (M) HSS-Co INOX 1000 Blue-ring

High performance HSS-Co blue-ring machine taps according to DIN 371, for metric thread in blind holes, ISO 2 (6H), 40° spiral helix, form C lead chamfer, bright finish.  
Application; For tapping of stainless steels or (alloyed) steels with tensile strength < 1.000 N/mm<sup>2</sup> Material groups: 1.1 - 1.2 - 1.3 - 1.4 - 2.1 - 2.2 - 2.3

Packed per 1 piece



Article No.	d1	p	Drill size mm	a mm
390520	M 3	0.5	2.5	2.7
390521	M 4	0.7	3.3	3.4
390522	M 5	0.8	4.2	4.9

Article No.	d1	p	Drill size mm	a mm
390523	M 6	1.0	5.0	4.9
390524	M 8	1.25	6.8	6.2
390525	M 10	1.5	8.5	8.0



# Machine Taps

## Machine Taps Metric (M) HSS-Co INOX 1000 Blue-ring

High performance HSS-Co blue-ring machine taps according to DIN 376, for metric thread in blind holes, ISO 2 (6H), 40° spiral helix, form C lead chamfer, bright finish. Application; For tapping of stainless steels or (alloyed) steels with tensile strength < 1.000 N/mm<sup>2</sup>. Material groups: 1.1 - 1.2 - 1.3 - 1.4 - 2.1 - 2.2 - 2.3

**Packed per 1 piece**



Article No.	d1	p	Drill size mm	a mm
390526	M 12	1.75	10.2	7.0
390527	M 16	2.0	14.0	9.0
390528	M 18	2.5	15.5	11.0

Article No.	d1	p	Drill size mm	a mm
390529	M 20	2.5	17.5	12.0
390530	M 24	3.0	21.0	14.5



## Machine Taps Metric (M) HSSE-PM 1400

High performance HSSE-PM (powder metallurgical steel) machine taps according to DIN 371, ISO 2 (6H), form B lead chamfer, TiCN-coating for faster cutting conditions and improved tool life. PM machine taps have much higher toughness and wear resistance compared to HSS-Co taps. Application; For tapping of (high) alloyed steels like Hardox, Weldox etc. with tensile strength < 1.400 N/mm<sup>2</sup>.

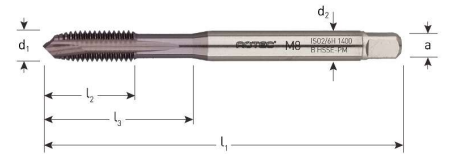
Material groups: 1.1 - 1.2 - 1.3 - 1.4 - 1.5 - 1.6 - 3.2 - 3.3

**Packed per 1 piece**



Article No.	d1	p	Drill size mm	a mm
390540	M 3	0.5	2.5	2.7
390541	M 4	0.7	3.3	3.4
390542	M 5	0.8	4.2	4.9

Article No.	d1	p	Drill size mm	a mm
390543	M 6	1.0	5.0	4.9
390544	M 8	1.25	6.8	6.2
390545	M 10	1.5	8.5	8.0



## Machine Taps Metric (M) HSSE-PM 1400

High performance HSSE-PM (powder metallurgical steel) machine taps according to DIN 376, ISO 2 (6H), form B lead chamfer, TiCN-coating for faster cutting conditions and improved tool life. PM machine taps have much higher toughness and wear resistance compared to HSS-Co taps. Application; For tapping of (high) alloyed steels like Hardox, Weldox etc. with tensile strength < 1.400 N/mm<sup>2</sup>.

Material groups: 1.1 - 1.2 - 1.3 - 1.4 - 1.5 - 1.6 - 3.2 - 3.3

**Packed per 1 piece**



Article No.	d1	p	Drill size mm	a mm
390546	M 12	1.75	10.2	7.0
390547	M 16	2.0	14.0	9.0

Article No.	d1	p	Drill size mm	a mm
390550	M 20	2.5	17.5	12.0
390552	M 24	3.0	21.0	14.5



## Machine Taps Metric (M) HSSE-PM 1400

High performance HSSE-PM (powder metallurgical steel) machine taps according to DIN 371, ISO 2 (6H), G337, form C lead chamfer, TiCN-coating for faster cutting conditions and improved tool life. PM machine taps have much higher toughness and wear resistance compared to HSS-Co taps.

Application; For tapping of (high) alloyed steels like Hardox, Weldox etc. with tensile strength < 1.400 N/mm<sup>2</sup>.

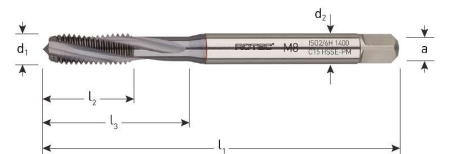
Material groups: 1.1 - 1.2 - 1.3 - 1.4 - 1.5 - 1.6 - 3.2 - 3.3

**Packed per 1 piece**



Article No.	d1	p	Drill size mm	a mm
390560	M 3	0.5	2.5	2.7
390561	M 4	0.7	3.3	3.4
390562	M 5	0.8	4.2	4.9

Article No.	d1	p	Drill size mm	a mm
390563	M 6	1.0	5.0	4.9
390564	M 8	1.25	6.8	6.2
390565	M 10	1.5	8.5	8.0



## Machine Taps Metric (M) HSSE-PM 1400

High performance HSSE-PM (powder metallurgical steel) machine taps according to DIN 376, ISO 2 (6H), G337, form C lead chamfer, TiCN-coating for faster cutting conditions and improved tool life. PM machine taps have much higher toughness and wear resistance compared to HSS-Co taps.

Application; For tapping of (high) alloyed steels like Hardox, Weldox etc. with tensile strength < 1.400 N/mm<sup>2</sup>.

Material groups: 1.1 - 1.2 - 1.3 - 1.4 - 1.5 - 1.6 - 3.2 - 3.3

**Packed per 1 piece**



Article No.	d1	p	Drill size mm	a mm
390566	M 12	1.75	10.2	7.0
390567	M 16	2.0	14.0	9.0

Article No.	d1	p	Drill size mm	a mm
390570	M 20	2.5	17.5	12.0
390572	M 24	3.0	21.0	14.5



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Or contact our product specialist.

# Machine Taps

## Machine Taps Metric LEFT (M) HSS-E type 800

HSS-Co machine taps according to DIN 371, for left handed metric thread in through holes, ISO 2 (6H), form B lead chamfer, bright finish. For tapping (alloyed) steels with tensile strength < 800 N/mm<sup>2</sup>. Material groups: 1.1 - 1.2 - 1.3 - 1.4

**Packed per 1 piece**



Article No.	d1	p	Drill size mm	a mm
390500	M 3	0.5	2.5	2.7
390501	M 4	0.7	3.3	3.4
390502	M 5	0.8	4.2	4.9

Article No.	d1	p	Drill size mm	a mm
390503	M 6	1.0	5.0	4.9
390504	M 8	1.25	6.8	6.2
390505	M 10	1.5	8.5	8.0



## Machine Taps Metric LEFT (M) HSS-E type 800

HSS-Co machine taps according to DIN 376, for left handed metric thread in through holes, ISO 2 (6H), form B lead chamfer, bright finish. For tapping (alloyed) steels with tensile strength < 800 N/mm<sup>2</sup>. Material groups: 1.1 - 1.2 - 1.3 - 1.4

**Packed per 1 piece**



Article No.	d1	p	Drill size mm	a mm
390506	M 12	1.75	10.2	7.0
390507	M 14	2.0	12.0	9.0
390508	M 16	2.0	14.0	9.0

Article No.	d1	p	Drill size mm	a mm
390509	M 18	2.5	15.5	11.0
390510	M 20	2.5	17.5	12.0



## Machine Taps Metric (M) LONG HSS

Long HSS machine taps according to DIN 357, metric thread, ISO2 (6H), form A lead chamfer, uncoated.

For tapping (alloyed) steels with tensile strength < 800 N/mm<sup>2</sup>. Material groups: 1.1 - 1.2 - 1.3 - 1.4

**Packed per 1 piece**



Article No.	d1	p	Drill size mm	a mm	L1 mm
390220	M 3	0.5	2.5	-	70
390221	M 4	0.7	2.9	2.1	90
390222	M 5	0.8	3.3	2.7	100
390223	M 6	1.0	5.0	3.4	110

Article No.	d1	p	Drill size mm	a mm	L1 mm
390224	M 8	1.25	6.8	4.9	125
390225	M 10	1.5	8.5	5.5	140
390226	M 12	1.75	10.2	7.0	180

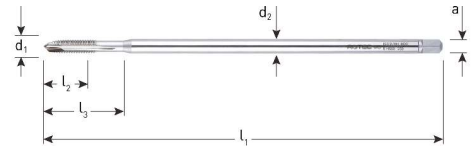


## Machine Taps Metric (M) EXTRA LONG HSS-E

Extra long HSS-E machine taps according to DIN 371-EL (up to M6) and DIN 376-EL (M8 and up), metric thread, ISO2 (6H), form B lead chamfer, uncoated.

For tapping (alloyed) steels with tensile strength < 800 N/mm<sup>2</sup>. Material groups: 1.1 - 1.2 - 1.3 - 1.4

**Packed per 1 piece**



Article No.	d1	p	Drill size mm	a mm	L1 mm
390600	M 3	0.5	2.5	-	100
390601	M 4	0.7	2.9	2.1	125
390602	M 5	0.8	3.3	2.7	140
390603	M 6	1.0	5.0	3.4	160
390604	M 8	1.25	6.8	4.9	180

Article No.	d1	p	Drill size mm	a mm	L1 mm
390605	M 10	1.5	8.5	5.5	200
390606	M 12	1.75	10.2	7.0	220
390607	M 14	2.0	12.0	9.0	220
390608	M 16	2.0	14.0	9.0	220



## Machine Taps British Standard Pipe (BSP) (GAS) type 800 HSS-E Co

HSS-Co machine taps according to DIN 5156, BSP thread, ISO2 (6H), form B lead chamfer, uncoated.

For tapping of through holes in (alloyed) steels with tensile strength < 800 N/mm<sup>2</sup>. Material groups: 1.1 - 1.2 - 1.3 - 1.4.

**Packed per 1 piece**

Article No.	d1 Inch	p	Drill size mm	a mm
390290	1/8"	28	8.8	5.5
390291	1/4"	19	11.8	9.0
390292	3/8"	19	15.25	9.0
390293	1/2"	14	19.0	12.0
390295	5/8"	14	21.0	14.5
390296	3/4"	14	24.5	16.0

Article No.	d1 Inch	p	Drill size mm	a mm
390297	7/8"	14	28.25	18.0
390298	1"	11	30.75	20.0
390299	1.1/4"	11	39.3	24.0
390300	1.1/2"	11	45.2	29.0
390301	2"	11	57.0	35.0



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# Machine Taps

## Machine Taps British Standard Pipe (BSP) (GAS) type 800

HSS-Co machine taps according to DIN 5156, 40° spiral helix, BSP thread, ISO2 (6H), form C lead chamfer, uncoated.

Application; For tapping of blind holes in (alloyed) steels with tensile strength < 800 N/mm<sup>2</sup>.

Material groups: 1.1 - 1.2 - 1.3 - 1.4



Article No.	d1 Inch	p	Drill size mm	a mm
390820	1/8"	28	8.8	5.5
390821	1/4"	19	11.8	9.0
390822	3/8"	19	15.25	9.0
390823	1/2"	14	19.0	12.0
390824	5/8"	14	21.0	14.5
390825	3/4"	14	24.5	16.0

Article No.	d1 Inch	p	Drill size mm	a mm
390825B	7/8"	14	28.25	18.0
390826	1"	11	30.75	20.0
390827	1.1/4"	11	39.3	24.0
390828	1.1/2"	11	45.2	29.0
390829	2"	11	57.0	35.0



## Machine Taps National Pipe Thread (NPT)

HSS-E machine taps, NPT thread, form C lead chamfer, uncoated. Suitable for both blind and through holes.

Application; For tapping of through and blind (<1.5xD) holes in (alloyed) steels with tensile strength < 800 N/mm<sup>2</sup>. Material groups: 1.1 - 1.2 - 1.3

Packed per 1 piece



Article No.	d1 Inch	p	Drill size mm	a mm
390310	1/16"	27	6.3	4.9
390311	1/8"	27	8.5	5.5
390312	1/4"	18	11.2	9.0
390313	3/8"	18	14.5	9.0
390314	1/2"	14	18	12.0

Article No.	d1 Inch	p	Drill size mm	a mm
390315	3/4"	14	23.0	16.0
390316	1"	11.5	29.0	20.0
390317	1.1/4"	11.5	38.0	22.0
390318	1.1/2"	11.5	44.0	-
390319	2"	11.5	56.0	-



## Machine taps Panzerrohrgewinde (PG)

HSS-E machine taps DIN 40432, PG thread, form C lead chamfer, uncoated. Suitable for both blind and through holes.

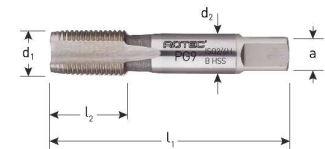
Application; For tapping of through and blind (<1.5xD) holes in (alloyed) steels with tensile strength < 800 N/mm<sup>2</sup>. Material groups: 1.1 - 1.2 - 1.3.

Packed per 1 piece.



Article No.	d1 PG	p	Drill size mm	a mm
390320	7	20	11.4	7.0
390321	9	18	14.0	9.0
390322	11	18	17.25	11.0
390323	13.5	18	19.0	12.0

Article No.	d1 PG	p	Drill size mm	a mm
390324	16	18	21.25	14.5
390325	21	16	26.75	18.0
390326	29	16	35.5	22.0
390327	39	16	45.5	29.0



## Machine taps Unified National Coarse (UNC) type 800

HSS-Co machine taps according to DIN 371, UNC thread, ISO2 (6H), form B lead chamfer, uncoated.

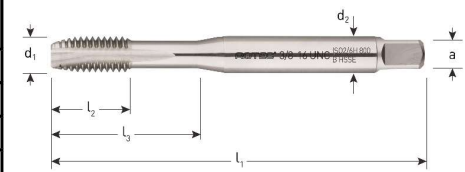
Application; For tapping of through holes in (alloyed) steels with tensile strength < 800 N/mm<sup>2</sup>. Material groups: 1.1 - 1.2 - 1.3 - 1.4.

Packed per 1 piece



Article No.	d1 Inch	p	Drill size mm	a mm
390330	No. 4	40	2.3	2.7
390331	No. 5	40	2.6	2.7
390332	No. 6	32	2.85	3.0
390333	No. 8	32	3.5	3.4
390334	No. 10	24	3.9	4.9

Article No.	d1 Inch	p	Drill size mm	a mm
390335	No. 12	24	4.5	4.9
390336	1/4"	20	5.2	5.5
390337	5/16"	18	6.6	6.2
390338	3/8"	16	8.0	8.0



## Machine taps Unified National Coarse (UNC) type 800

HSS-Co machine taps according to DIN 376, UNC thread, ISO2 (6H), form B lead chamfer, uncoated.

Application; For tapping of through holes in (alloyed) steels with tensile strength < 800 N/mm<sup>2</sup>. Material groups: 1.1 - 1.2 - 1.3 - 1.4.

Packed per 1 piece



Article No.	d1 Inch	p	Drill size mm	a mm
390339	7/16"	14	9.4	6.2
390340	1/2"	13	10.8	7.0
390341	9/16"	12	12.2	9.0
390342	5/8"	11	13.5	9.0

Article No.	d1 Inch	p	Drill size mm	a mm
390343	3/4"	10	16.5	11.0
390344	7/8"	9	19.5	14.5
390345	1"	8	22.25	14.5
390346	1.1/4"	7	28.25	18.0



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Or contact our product specialist.

# Machine Taps

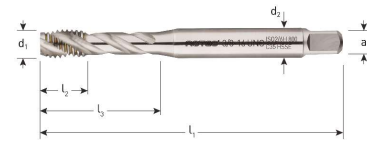
## Machine taps Unified National Coarse (UNC) type 800 spiral

HSS-Co machine taps according to DIN 371, 40° spiral helix, UNC thread, ISO2 (6H), form C lead chamfer, uncoated.  
Application; For tapping of through holes in (alloyed) steels with tensile strength < 800 N/mm<sup>2</sup>. Material groups: 1.1 - 1.2 - 1.3 - 1.4.  
**Packed per 1 piece**



Article No.	d1 Inch	p	Drill size mm	a mm
390840	1/4"	20	5.2	5.5
390841	5/16"	18	6.6	6.2

Article No.	d1 Inch	p	Drill size mm	a mm
390842	3/8"	16	8.0	11.0



## Machine taps Unified National Coarse (UNC) type 800 spiral

HSS-Co machine taps according to DIN 376, 40° spiral helix, UNC thread, ISO2 (6H), form C lead chamfer, uncoated.  
Application; For tapping of through holes in (alloyed) steels with tensile strength < 800 N/mm<sup>2</sup>. Material groups: 1.1 - 1.2 - 1.3 - 1.4.  
**Packed per 1 piece**



Article No.	d1 Inch	p	Drill size mm	a mm
390845	7/16"	14	9.4	6.2
390846	1/2"	13	10.8	7.0
390847	9/16"	12	12.2	9.0
390848	5/8"	11	13.5	9.0

Article No.	d1 Inch	p	Drill size mm	a mm
390849	3/4"	10	16.5	11.0
390850	7/8"	9	19.5	14.5
390851	1"	8	22.25	14.5



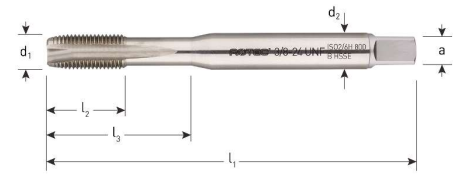
## Machine taps Unified National Fine (UNF) type 800

HSS-Co machine taps according to DIN 371, UNF thread, ISO2 (6H), form B lead chamfer, uncoated.  
Application; For tapping of through holes in (alloyed) steels with tensile strength < 800 N/mm<sup>2</sup>. Material groups: 1.1 - 1.2 - 1.3 - 1.4.  
**Packed per 1 piece**



Article No.	d1 Inch	p	Drill size mm	a mm
390350	No. 4	48	2.4	2.7
390351	No. 6	40	3.0	3.0
390352	No. 8	36	3.5	3.4
390353	No. 10	32	4.1	4.9

Article No.	d1 Inch	p	Drill size mm	a mm
390354	1/4"	28	5.5	5.5
390355	5/16"	24	6.9	6.2
390356	3/8"	24	8.5	8.0



## Machine taps Unified National Fine (UNF) type 800

HSS-Co machine taps according to DIN 376, UNF thread, ISO2 (6H), form B lead chamfer, uncoated.  
Application; For tapping of through holes in (alloyed) steels with tensile strength < 800 N/mm<sup>2</sup>. Material groups: 1.1 - 1.2 - 1.3 - 1.4.  
**Packed per 1 piece**



Article No.	d1 Inch	p	Drill size mm	a mm
390357	7/16"	20	9.9	6.2
390358	1/2"	20	11.5	7.0
390359	9/16"	18	12.9	9.0
390360	5/8"	18	14.5	9.0

Article No.	d1 Inch	p	Drill size mm	a mm
390361	3/4"	16	17.5	11.0
390362	7/8"	14	20.25	14.5
390363	1"	12	23.25	16.0



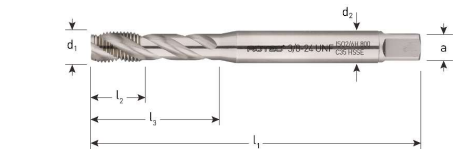
## Machine taps Unified National Fine (UNF) type 800 Spiral

HSS-Co machine taps according to DIN 371, 40° spiral helix, UNF thread, ISO2 (6H), form C lead chamfer, uncoated.  
Application; For tapping of blind holes in (alloyed) steels with tensile strength < 800 N/mm<sup>2</sup>. Material groups: 1.1 - 1.2 - 1.3 - 1.4.  
**Packed per 1 piece**



Article No.	d1 Inch	p	Drill size mm	a mm
390650	No. 10	14	4.1	4.9
390651	1/4"	18	5.5	5.5

Article No.	d1 Inch	p	Drill size mm	a mm
390652	5/16"	20	6.9	6.2
390653	3/8"	21	8.5	8.0



## Machine taps Unified National Fine (UNF) type 800 Spiral

HSS-Co machine taps according to DIN 376, 40° spiral helix, UNF thread, ISO2 (6H), form C lead chamfer, uncoated.  
Application; For tapping of blind holes in (alloyed) steels with tensile strength < 800 N/mm<sup>2</sup>. Material groups: 1.1 - 1.2 - 1.3 - 1.4.  
**Packed per 1 piece**



Article No.	d1 Inch	p	Drill size mm	a mm
390654	7/16"	20	9.9	6.2
390655	1/2"	20	11.5	7.0
390656	9/16"	18	12.9	9.0

Article No.	d1 Inch	p	Drill size mm	a mm
390657	3/4"	16	17.5	11.0
390658	7/8"	14	20.25	14.5
390659	1"	12	23.25	16.0



## Machine Taps

### Machine taps Whitworth (WW) type 800

HSS-Co machine taps according to DIN 371, BSW (Withworth) thread, form B lead chamfer, uncoated.

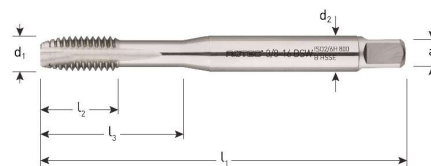
Application; For tapping of through holes in (alloyed) steels with tensile strength < 800 N/mm<sup>2</sup>. Material groups : 1.1 - 1.2 - 1.3 - 1.4.

**Packed per 1 piece**



Article No.	d1 Inch	p	Drill size mm	a mm
390370	1/8"	40	2.6	2.7
390371	5/32"	32	3.1	3.4
390372	3/16"	24	3.6	4.9
390373	1/4"	20	5.1	5.5

Article No.	d1 Inch	p	Drill size mm	a mm
390374	5/16"	18	6.5	6.2
390375	3/8"	16	7.9	7.0
390376	7/16"	14	9.3	9.0
390377	1/2"	12	10.5	9.0



### Machine taps Whitworth (WW) type 800

HSS-Co machine taps according to DIN 376, BSW (Withworth) thread, form B lead chamfer, uncoated.

Application; For tapping of through holes in (alloyed) steels with tensile strength < 800 N/mm<sup>2</sup>. Material groups : 1.1 - 1.2 - 1.3 - 1.4.

**Packed per 1 piece**



Article No.	d1 Inch	p	Drill size mm	a mm
390380	9/16"	12	12.0	9.0
390381	5/8"	11	13.5	9.0
390382	3/4"	10	16.5	11.0

Article No.	d1 Inch	p	Drill size mm	a mm
390383	7/8"	9	19.25	14.5
390384	1"	8	22.0	16.0



### Machine Tap Sets in Cassette

Article No.	Description	Contents
390410	7 piece machine tap set, for through holes. ABS Cassette	HSS-E machine taps "OPTI" (320), gun: DIN 371 : 1x M3, M4, M5, M6, M8 and M10 DIN 376 : 1x M12
390411	7+7 piece machine tap and drill bit set, for through holes. ABS Cassette	HSS-E machine taps "OPTI" (320), gun: DIN 371 : 1x M3, M4, M5, M6, M8 and M10 DIN 376 : 1x M12 HSS-R Drill bits "PRECISE" (101): DIN 338 : 1x ø2.5, 3.3, 4.2, 5, 6.8, 8.5 and 10.2mm



Article No.	Description	Contents
390412	7+7 piece machine tap and drill bit set, for through holes. ABS Cassette	HSS-E machine taps "800" (330), gun: DIN 371 : 1x M3, M4, M5, M6, M8 and M10 DIN 376 : 1x M12 HSS-Co drill bits (111): DIN 338 : 1x ø2.5, 3.3, 4.2, 5, 6.8, 8.5 and 10.2mm
390414	7+7 piece machine tap and drill bit set, for blind holes. ABS Cassette	HSS-E machine taps "800" (330), spiral: DIN 371 : 1x M3, M4, M5, M6, M8 and M10 DIN 376 : 1x M12 HSS-Co drill bits (111): DIN 338 : 1x ø2.5, 3.3, 4.2, 5, 6.8, 8.5 and 10.2mm



Article No.	Description	Contents
390413	7 piece machine tap set, for blind holes ABS Cassette	HSS-E machine taps "OPTI" (320), spiral: DIN 371 : 1x M3, M4, M5, M6, M8 and M10 DIN 376 : 1x M12
390416	7 piece combi tap and drill bit set Plastic Cassette	Set with HSS combi tap drill bits with 1/4" hexagonal shank according to DIN 3126-C6.3. Can also be used in drill chucks Ideal for portable (cordless) power tools. 1x M3, M4, M5, M6, M8 and M10 1x Hexagonal bit socket holder



### Combi-drill-tap bits HSS with 1/4" bit shank

HSS-G combi tap drill bits for quickly drilling a hole, tapping a thread and deburring in one operation. The 1/4" hexagonal shanks (according to DIN 3126-C6.3) can also be used in drill chucks.

Application; For use on plastics, non-ferrous metals and steels.

Ideal for portable (cordless) power tools.

**Packed per 1 piece**



Article No.	d1 mm	p	d2 mm	l1 mm
390420	M 3	0.5	2.5	36
390421	M 4	0.7	3.3	39
390422	M 5	0.8	4.2	41

Article No.	d1 mm	p	d2 mm	l1 mm
390423	M 6	1.0	5.0	44
390424	M 8	1.25	6.8	50
390425	M 10	1.5	8.5	59



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