

Merlin

Tools Ltd



Machine Taps

HSSE M35 & HSSEX ASP 2023
Standard & High Performance
Applications

Manufactured in Europe
Distributed in the UK



ISO 9001:2008

**NEW
PRODUCT
LINES**



Machine Taps

High Performance - Special Applications

**M**

Tol. ISO 2
6H
DIN 371
DIN 376
HSSEX
(ASP2023)

VAP Spiral Point



VAP Spiral Flute



TAP DIA	PITCH	SHANK DIA mm	OAL mm	mm	No. FLUTES	SPIRAL POINT	SPIRAL FLUTE
						DIN 371	DIN 371
3	0.50	3.5	56	2.7	3	9110-62145	9120-63098
4	0.70	4.5	63	3.4	3	9110-62152	9120-63104
5	0.80	6	70	4.9	3	9110-62169	9120-63111
6	1.00	6	80	4.9	3	9110-62176	9120-63128
8	1.25	8	90	6.2	3	9110-62183	9120-63135
10	1.50	10	100	8	3	9110-62190	9120-63142
						DIN 376	DIN 376
8	1.25	6	90	4.9	3	9110-57677	9120-59633
10	1.50	7	100	5.5	3	9110-57684	9120-59640
12	1.75	9	110	7	3	9110-57691	9120-59657
14	2.00	11	110	9	3	9110-57707	9120-59664
16	2.00	12	110	9	3	9110-57714	9120-59671
18	2.50	14	125	11	4	9110-57721	9120-59688
20	2.50	16	140	12	4	9110-57738	9120-59695

M

Tol. ISO 2
6H
DIN 371
DIN 376
HSSEX
(ASP2023)

Spiral Point



Spiral Flute



TAP DIA	PITCH	SHANK DIA mm	OAL mm	mm	No. FLUTES	SPIRAL POINT	SPIRAL FLUTE
						DIN 371	DIN 371
3	0.50	3.5	56	2.7	3	9130-62077	9140-63036
4	0.70	4.5	63	3.4	3	9130-62091	9140-63043
5	0.80	6	70	4.9	3	9130-62107	9140-63050
6	1.00	6	80	4.9	3	9130-62114	9140-63067
8	1.25	8	90	6.2	3	9130-62121	9140-63074
10	1.50	10	100	8	3	9130-62138	9140-63081
						DIN 376	DIN 376
8	1.25	6	90	4.9	3	9130-57592	9140-59589
10	1.50	7	100	5.5	3	9130-57608	9140-59596
12	1.75	9	110	7	3	9130-57615	9140-59602
14	2.00	11	110	9	3	9130-57622	9140-59619
16	2.00	12	110	9	3	9130-57639	9140-59626

M

Tol. ISO 2
6H
DIN 371
DIN 376
HSSEX
(ASP2023)

TiALN Spiral Point



TiALN Spiral Flute



TAP DIA	PITCH	SHANK DIA mm	OAL mm	mm	No. FLUTES	SPIRAL POINT	SPIRAL FLUTE
						DIN 371	DIN 371
3	0.50	3.5	56	2.7	3	9150-66501	9160-66624
4	0.70	4.5	63	3.4	3	9150-66518	9160-66631
5	0.80	6	70	4.9	3	9150-66525	9160-66648
6	1.00	6	80	4.9	3	9150-66532	9160-66655
8	1.25	8	90	6.2	3	9150-66549	9160-66662
10	1.50	10	100	8	3	9150-66556	9160-66679
						DIN 376	DIN 376
8	1.25	6	90	4.9	3	9150-66211	9160-66310
10	1.50	7	100	5.5	3	9150-66228	9160-66327
12	1.75	9	110	7	3	9150-66235	9160-66334
14	2.00	11	110	9	3	9150-66242	9160-66341
16	2.00	12	110	9	3	9150-66259	9160-66358

✓ **Extremely Competitive Pricing**

✓ **Ex Stock Delivery on All Tools**

Merlin Tools Ltd

Quality
Precision
Performance

Manufactured in the USA
Distributed in the UK





Machine Taps

High Performance - Special Applications

**M**

Tol. ISO 2
6H

DIN 371
DIN 376

HSSE
(M35)

Spiral Point



Spiral Flute



TAP DIA	PITCH	SHANK DIA mm	OAL mm	mm	No. FLUTES	SPIRAL POINT	SPIRAL FLUTE
						DIN 371	DIN 371
3	0.50	3.5	56	2.7	3	9200-62442	9210-63395
4	0.70	4.5	63	3.4	3	9200-62466	9210-63418
5	0.80	6	70	4.9	3	9200-62473	9210-63425
6	1.00	6	80	4.9	3	9200-62480	9210-63432
8	1.25	8	90	6.2	3	9200-62497	9210-63456
10	1.50	10	100	8	3	9200-62503	9210-63463
						DIN 376	DIN 376
8	1.25	6	90	4.9	3	9200-58117	9210-59909
10	1.50	7	100	5.5	3	9200-58131	9210-59923
12	1.75	9	110	7	3	9200-58148	9210-59930
14	2.00	11	110	9	3	9200-58155	9210-59947
16	2.00	12	110	9	3	9200-58162	9210-65245

M

Tol. ISO 2
6H

DIN 371
DIN 376

HSSE
(M35)

CrN

Spiral Point



CrN

Spiral Flute



TAP DIA	PITCH	SHANK DIA mm	OAL mm	mm	No. FLUTES	SPIRAL POINT	SPIRAL FLUTE
						DIN 371	DIN 371
3	0.50	3.5	56	2.7	3	9220-66563	9230-66693
4	0.70	4.5	63	3.4	3	9220-66570	9230-66709
5	0.80	6	70	4.9	3	9220-66587	9230-66716
6	1.00	6	80	4.9	3	9220-66594	9230-66723
8	1.25	8	90	6.2	3	9220-66600	9230-66730
10	1.50	10	100	8	3	9220-66617	9230-66747
						DIN 376	DIN 376
8	1.25	6	90	4.9	3	9220-66266	9230-66389
10	1.50	7	100	5.5	3	9220-66273	9230-66396
12	1.75	9	110	7	3	9220-66280	9230-66402
14	2.00	11	110	9	3	9220-66297	9230-66419
16	2.00	12	110	9	3	9220-66303	9230-66426

**Extremely Competitive Pricing****Ex Stock Delivery on All Tools**

Call us now for your
FREE 200 page Product Catalogue!

01509 610300


Solid Carbide Endmills • Drills including 3xD - 5xD - 8xD
Solid Carbide Threadmills ISO Metric & NPT
Izar HSSCo & Izarmax ASP52 Endmills • Machine Taps HSSCo & ASP2023
Carbide Rotary Burrs • Collets & Chucks



Machine Taps Standard Applications



M

	Tol. ISO 2 6H	DIN 371 DIN 376	HSSE (M35)
---	------------------	--------------------	---------------

Spiral Point




Spiral Flute



TAP DIA	PITCH	SHANK DIA mm	OAL mm	mm	No. FLUTES	SPIRAL POINT	SPIRAL FLUTE
						DIN 371	DIN 371
2	0.40	2.8	45	2.1	3	8110 -61698	8120 -62695
2.5	0.45	2.8	50	2.1	3	8110 -61704	8120 -62701
3	0.50	3.5	56	2.7	3	8110 -61728	8120 -62725
3.5	0.60	4	56	3	3	8110 -61742	8120 -62749
4	0.70	4.5	63	3.4	3	8110 -61759	8120 -62756
5	0.80	6	70	4.9	3	8110 -61780	8120 -62763
6	1.00	6	80	4.9	3	8110 -61803	8120 -62770
8	1.25	8	90	6.2	3	8110 -61827	8120 -62794
10	1.50	10	100	8	3	8110 -61841	8120 -62800
						DIN 376	DIN 376
8	1.25	6	90	4.9	3	8110 -56410	8120 -58858
10	1.50	7	100	5.5	3	8110 -56434	8120 -58872
12	1.75	9	110	7	3	8110 -56458	8120 -58896
14	2.00	11	110	9	3	8110 -56472	8120 -58902
16	2.00	12	110	9	3	8110 -56496	8120 -58919
18	2.50	14	125	11	4	8110 -56502	8120 -58926
20	2.50	16	140	12	4	8110 -56519	8120 -58933
22	2.50	18	140	14.5	4	8110 -56526	8120 -58940
24	3.00	18	160	14.5	4	8110 -56533	8120 -58957

M

	Tol. ISO 3 6H	DIN 371 DIN 376	HSSE (M35)
---	------------------	--------------------	---------------

TiCN

Fluteless (Roll Tap)




TiCN

Fluteless (Roll Tap)



TAP DIA	PITCH	SHANK DIA mm	OAL mm	mm	No. FLUTES	SPIRAL POINT	SPIRAL FLUTE
						DIN 371	DIN 371
3	0.50	3.5	56	2.7	-	8130 -63739	8140 -64781
4	0.70	4.5	63	3.4	-	8130 -63746	8140 -64798
5	0.80	6	70	4.9	-	8130 -63753	8140 -64804
6	1.00	6	80	4.9	-	8130 -63760	8140 -64811
8	1.25	8	90	6	-	8130 -63784	8140 -64828
10	1.50	10	100	8	-	8130 -63791	8140 -64835
						DIN 376	DIN 376
12	1.75	9	110	7	-	8130 -60127	8140 -64767

MF

	Tol. ISO 2 6H	DIN 374	HSSE (M35)
---	------------------	---------	---------------

Spiral Point




Spiral Flute



TAP DIA	PITCH	SHANK DIA mm	OAL mm	mm	No. FLUTES	SPIRAL POINT	SPIRAL FLUTE
						DIN 374	DIN 374
8	1.00	6	90	4.9	3	8150 -56656	8160 -59008
10	1.00	7	90	5.5	3	8150 -56687	8160 -59022
10	1.25	7	100	5.5	3	8150 -56694	8160 -59039
12	1.00	9	100	7	3	8150 -56724	8160 -59060
12	1.50	9	100	7	3	8150 -56748	8160 -59084
14	1.50	11	100	9	3	8150 -56809	8160 -59114
16	1.50	12	100	9	3	8150 -56861	8160 -59152
18	1.50	14	110	11	4	8150 -56885	8160 -59169
20	1.50	16	125	12	4	8150 -56915	8160 -59183
22	1.50	18	125	14.5	4	8150 -56946	8160 -59190
24	1.50	18	125	14.5	4	8150 -56977	8160 -59206

UNC

	Tol. 2B	~DIN 371 ~DIN 376	HSSE (M35)
---	---------	----------------------	---------------

Spiral Point



Spiral Flute



TAP DIA	PITCH	SHANK DIA mm	OAL mm	mm	No. FLUTES	SPIRAL POINT	SPIRAL FLUTE
						~DIN 371	~DIN 371
N#4	40	3.5	56	2.7	3	8170 -61896	8180 -62848
N#5	40	3.5	56	2.7	3	8170 -61902	8180 -62855
N#6	32	4	56	3	3	8170 -61919	8180 -62862
N#8	32	4.5	63	3.4	3	8170 -61926	8180 -62879
N#10	24	6	70	4.9	3	8170 -61933	8180 -62886
N#12	24	6	80	4.9	3	8170 -61940	8180 -62893
						~DIN 376	~DIN 376
1/4"	20	4.5	80	3.4	3	8170 -57271	8180 -59275
5/16"	18	6	90	4.9	3	8170 -57301	8180 -59305
3/8"	16	7	100	5.5	3	8170 -57295	8180 -59299
7/16"	14	8	100	6.2	3	8170 -57325	8180 -59329
1/2"	13	9	110	7	3	8170 -57264	8180 -59268
9/16"	12	11	110	9	3	8170 -57349	8180 -59343
5/8"	11	12	110	9	3	8170 -57318	8180 -59312
3/4"	10	14	125	11	4	8170 -57288	8180 -59282
7/8"	9	18	140	14.5	4	8170 -57332	8180 -59336
1"	8	20	160	16	4	8170 -57356	8180 -59350

Merlin Tools Ltd

Quality
Precision
Performance

Manufactured in the USA
Distributed in the UK





Machine Taps Standard Applications



UNF		Tol. 2B	~DIN 371 ~DIN 376	HSSE (M35)
		ANSI B1.1		

Spiral Point



Spiral Flute



TAP DIA	PITCH	SHANK DIA mm	OAL mm	mm	No. FLUTES	SPIRAL POINT	SPIRAL FLUTE
N#10	32	6	70	4.9	3	~DIN 371	~DIN 371
N#12	28	6	80	4.9	3	8190 -61995	8200 -62961
						8190 -62008	8200 -62978
						~DIN 374	~DIN 374
1/4"	28	4.5	80	3.4	3	8190 -57370	8200 -62909
5/16"	24	6	90	4.9	3	8190 -57400	8200 -59411
3/8"	24	7	100	5.5	3	8190 -57394	8200 -59404
7/16"	20	8	100	6.2	3	8190 -57424	8200 -59435
1/2"	20	9	100	7	3	8190 -57363	8200 -59381
9/16"	18	11	100	9	3	8190 -57448	8200 -59459
5/8"	18	12	100	9	3	8190 -57417	8200 -59428
3/4"	16	14	110	11	4	8190 -57387	8200 -59398
7/8"	14	18	125	14.5	4	8190 -57431	8200 -59442
1"	12	18	140	14.5	4	8190 -57455	8200 -59466

G		Class A	DIN 5156	HSSE (M35)
		ISO 228		

Spiral Point



Spiral Flute



TAP DIA	PITCH	SHANK DIA mm	OAL mm	mm	No. FLUTES	SPIRAL POINT	SPIRAL FLUTE
1/8"	28	7	90	5.5	3	8210 -56250	8220 -58728
1/4"	19	11	100	9	3	8210 -56243	8220 -58711
3/8"	19	12	100	9	3	8210 -56274	8220 -58742
1/2"	14	16	125	12	4	8210 -56236	8220 -58704
5/8"	14	18	125	14.5	4	8210 -56281	8220 -58759
3/4"	14	20	140	16	4	8210 -56267	8220 -58735
7/8"	14	22	150	18	5	8210 -56298	8220 -58766
1"	11	25	160	20	5	8210 -56304	8220 -58773

Rc (BSPT)		~DIN 5156	HSSE (M35)
		DIN 2999	

Straight Flute



TAP DIA	PITCH	SHANK DIA mm	OAL mm	mm	No. FLUTES	
1/8"	28	7	90	5.5	3	8230 -52078
1/4"	19	11	100	9	4	8230 -52061
3/8"	19	12	100	9	5	8230 -52092
1/2"	14	16	140	12	5	8230 -52054
3/4"	14	20	140	16	5	8230 -52085
1"	11	25	160	20	6	8230 -52122

NPT		~DIN 374	HSSE (M35)
		ANSI B1.20.1	

Straight Flute



TAP DIA	PITCH	SHANK DIA mm	OAL mm	mm	No. FLUTES	
1/8"	27	8	90	6.2	4	8240 -52078
1/4"	18	11	100	9	4	8240 -52061
3/8"	18	14	110	11	5	8240 -52092
1/2"	14	18	140	14.5	5	8240 -52054
3/4"	14	20	140	18	5	8240 -52085
1"	11.5	25	160	22	6	8240 -52122

Extremely Competitive Pricing

Ex Stock Delivery on All Tools

Merlin Tools Ltd

Quality
Precision
Performance

Manufactured in the USA
Distributed in the UK





**Ex Stock Delivery on
All Tools**



**Extremely
Competitive Pricing**



**Call us now
for your
free
200 page
product brochure!**

01509 610300

Solid Carbide Endmills • Drills including 3xD - 5xD - 8xD
Solid Carbide Threadmills ISO Metric & NPT
Izar HSSCo & Izarmax ASP52 Endmills • Machine Taps HSSCo & ASP2023
Carbide Rotary Burrs • Collets & Chucks