

# Spiral Pointed Taps - Cont.

## High-Speed Steel, Ground Thread Right Hand Spiral

### METRIC SPIRAL POINTED TAPS

**Features:**

- Specially designed for tapping deep through or blind holes where chips may collect at the bottom of the hole.
- Prevents clogging by forcing chips ahead of tap.
- Suitable for tapping most materials, especially those with high ductility.
- Also known as "gun taps" as chips are shot forward.



**PLUG CHAMFER**

TAP SIZE	PITCH	D LIMIT	NO. OF FLUTES	THREAD LENGTH	STOCK #	
					ALFA USA	ECO PRO
1.6	0.35	3	2	5/16	SPTM170151	SPTM270151
1.8	0.35	3	2	3/8	SPTM170152	SPTM270152
2	0.40	3	2	7/16	SPTM170153	SPTM270153
2.2	0.45	3	2	7/16	SPTM170154	SPTM270154
2.5	0.45	3	2	1/2	SPTM170155	SPTM270155
3	0.50	3	2	5/8	SPTM170156	SPTM270156
3.5	0.60	4	2	11/16	SPTM170157	SPTM270157
4	0.70	4	2	3/4	SPTM170158	SPTM270158
4.5	0.75	4	2	7/8	SPTM170159	SPTM270159
5	0.80	4	2	7/8	SPTM170160	SPTM270160
6	1.00	5	2	1	SPTM170161	SPTM270161
6.3	1.00	5	2	1	-	SPTM270162
7	1.00	5	2	1-1/8	SPTM170163	SPTM270163
8	1.25	5	2	1-1/8	SPTM170164	SPTM270164
8	1.00	5	2	1-1/8	SPTM170165	SPTM270165
10	1.50	6	3	1-1/4	SPTM170166	SPTM270166
10	1.25	5	3	1-1/4	SPTM170167	SPTM270167
12	1.75	6	3	1-21/32	SPTM170168	SPTM270168
12	1.25	5	3	1-21/32	SPTM170169	SPTM270169
14	2.00	7	3	1-21/32	SPTM170170	SPTM270170
14	1.50	6	3	1-21/32	SPTM170171	SPTM270171
16	2.00	7	3	1-13/16	SPTM170172	SPTM270172
16	1.50	6	3	1-13/16	SPTM170173	SPTM270173
18	2.50	7	4	1-13/16	SPTM170174	SPTM270174
20	2.50	7	3	2	SPTM170175	SPTM270175
20	2.50	6	4	2	-	SPTM270176

1.6mm to 6mm, 12 per pack,  
7mm to 12mm, 6 per pack, 14mm to 20mm, 3 per pack



• **ALFA USA** taps are made in the United States.



• **ECO PRO** taps are made in Europe.

## SPIRAL POINTED TAPS + .005 OVERSIZE



- Features:**
- Produces threads with a pitch diameter .005 larger than basic pitch diameter.
  - Used on parts to be plated or heat treated after tapping, or where loss of size is anticipated.



**PLUG CHAMFER**

TAP SIZE	TPI	NO. OF FLUTES	STOCK #
<b>MACHINE SCREW SIZES</b>			
6	32	2	SPTO71511
8	32	2	SPTO71513
10	24	2	SPTO71515
10	32	2	SPTO71516
<b>FRACTIONAL</b>			
1/4"	20	2	SPTO71528
1/4"	28	2	SPTO71529
5/16"	18	2	SPTO71530
5/16"	24	2	SPTO71531
3/8"	16	3	SPTO71532
3/8"	24	3	SPTO71533
7/16"	14	3	SPTO71534
1/2"	13	3	SPTO71536
1/2"	20	3	SPTO71537

5 per pack

## SPIRAL POINTED TAPS TITANIUM NITRIDE COATED



- Features:**
- Titanium Nitride coating provides greater surface hardness and lubricity to promote longer tap life.
  - Provides higher tapping speeds.



**PLUG CHAMFER**

Expanded

TAP SIZE	TPI	NO. OF FLUTES	GRIND LIMITS	STOCK #
				ALFA USA
<b>MACHINE SCREW SIZES</b>				
4	40	2	H2	SPT170107TN
6	32	2	H3	SPT170111TN
8	32	2	H3	SPT170113TN
10	24	2	H3	SPT170115TN
10	32	2	H3	SPT170116TN
12	24	2	H3	SPT170117TN
<b>FRACTIONAL</b>				
1/4"	20	2	H3	SPT170128TN
1/4"	28	2	H3	SPT170129TN
5/16"	18	2	H3	SPT170130TN
5/16"	24	2	H3	SPT170131TN
3/8"	16	3	H3	SPT170132TN
3/8"	24	3	H3	SPT170133TN
7/16"	14	3	H3	SPT170134TN
7/16"	20	3	H3	SPT170135TN
1/2"	13	3	H3	SPT170136TN
1/2"	20	3	H3	SPT170137TN
5/8"	11	3	H3	SPT170140TN
5/8"	18	3	H3	SPT170141TN
3/4"	10	3	H3	SPT170142TN
3/4"	16	3	H3	SPT170143TN

1 per pack

Spiral Pointed Taps

**B**