



SPIRAL FLUTE TAPS 45°

- Material: High Speed Cobalt
- Manufacturing Standards: ANSI
- Chamfer Type: Semi-Bottoming
- Tolerance: 3B
- Cutting Direction: Right Hand

EO27 & EO37 SERIES - BRIGHT FLUTES & BRONZE OXIDE BODY FINISH

- Premium substrate for blind hole tapping in tough or abrasive materials
- Bronze oxide body and shank reduces rust and corrosion
- Bright finish flutes improve chip flow in soft and non-ferrous materials

Model No.	Thread Size	Thread Form	No. of Flutes	L2"	L1"	Limits	Price /Each
TCQ017	6-32	Unified Coarse	3	0.261	2	H2	
TCQ018	8-32	Unified Coarse	3	0.2484	2-1/8	H2	
TCQ019	10-24	Unified Coarse	3	0.265	2-3/8	H3	
TCQ047	10-32	Unified Fine	3	0.265	2-3/8	H2	
TCQ020	12-24	Unified Coarse	3	0.252	2-3/8	H3	
TCQ021	1/4"-20	Unified Coarse	3	0.3937	2-1/2	H3	
TCQ048	1/4"-28	Unified Fine	3	0.3937	2-1/2	H3	
TCQ022	5/16"-18	Unified Coarse	3	0.4567	2-23/32	H3	
TCQ049	5/16"-24	Unified Fine	3	0.4567	2-23/32	H3	
TCQ023	3/8"-16	Unified Coarse	3	0.5315	2-15/16	H3	
TCQ050	3/8"-24	Unified Fine	3	0.5315	2-15/16	H3	
TCQ024	7/16"-14	Unified Coarse	3	0.6299	3-5/32	H3	
TCQ051	7/16"-20	Unified Fine	3	0.6299	3-5/32	H3	

EO28 & EO38 SERIES - STEAM OXIDE FINISH

- Premium substrate with steam oxide surface treatment reduces wear and prevents chip welding in abrasive or harder ferrous materials

Note: Reinforced shanks: Sizes 4-40 to 3/8"-24
Reduced shanks: Sizes 7/16"-14 to 1"-14

Model No.	Thread Size	Thread Form	No. of Flutes	L2"	L1"	Limits	Price /Each
TCQ031	4-40	Unified Coarse	3	0.6091	1-7/8	H2	
TCQ032	5-40	Unified Coarse	3	0.7404	1-15/16	H2	
TCQ033	6-32	Unified Coarse	3	0.261	2	H2	
TCQ034	8-32	Unified Coarse	3	0.2484	2-1/8	H2	
TCQ035	10-24	Unified Coarse	3	0.265	2-3/8	H3	
TCQ058	10-32	Unified Fine	3	0.265	2-3/8	H2	
TCQ036	12-24	Unified Coarse	3	0.252	2-3/8	H3	
TCQ037	1/4"-20	Unified Coarse	3	0.3937	2-1/2	H3	
TCQ059	1/4"-28	Unified Fine	3	0.3937	2-1/2	H3	
TCQ038	5/16"-18	Unified Coarse	3	0.4567	2-23/32	H3	
TCQ060	5/16"-24	Unified Fine	3	0.4567	2-23/32	H3	
TCQ039	3/8"-16	Unified Coarse	3	0.5315	2-15/16	H3	
TCQ061	3/8"-24	Unified Fine	3	0.5315	2-15/16	H3	
TCQ040	7/16"-14	Unified Coarse	3	0.6299	3-5/32	H3	

SPIRAL FLUTE TAP 45°

- Material: High Speed Cobalt
- Manufacturing Standards: ISO 529
- Helix Angle: 45°
- Cutting Direction: Right Hand
- Chamfer Type: Semi-Bottoming
- Tolerance: 6H

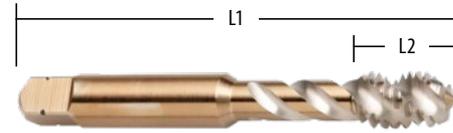
Note: ISO shank and square dimensions require metric holders

EO02 SERIES - BRIGHT FLUTE & BRONZE OXIDE BODY FINISH

- Premium substrate for blind hole tapping in tough or abrasive materials
- Bronze oxide body and shank reduces rust and corrosion
- Bright finish flutes improve chip flow in soft and non-ferrous materials

Note: Reinforced shanks: Sizes M2 x 0.4 to M10 x 1.5
Reduced shanks: Sizes M12 x 1.75 to M24 x 3

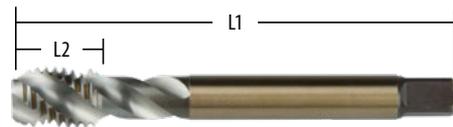
Model No.	Thread Size	Thread Form	No. of Flutes	L2 mm	L1 mm	Limits	Price /Each
TCP968	M2 x 0.4	Metric Coarse	2	8	41	D3	
TCP969	M2.5 x 0.45	Metric Coarse	2	9.5	44.5	D3	
TCP970	M3 x 0.5	Metric Coarse	3	6	48	D3	
TCP971	M4 x 0.7	Metric Coarse	3	7	53	D4	
TCP972	M5 x 0.8	Metric Coarse	3	8	58	D4	
TCP973	M6 x 1	Metric Coarse	3	10	66	D5	
TCP974	M8 x 1.25	Metric Coarse	3	12	72	D5	
TCP975	M10 x 1.5	Metric Coarse	3	15	80	D6	



Model No.	Thread Size	Thread Form	No. of Flutes	L2"	L1"	Limits	Price /Each
TCQ025	1/2"-13	Unified Coarse	3	0.689	3-3/8	H3	
TCQ052	1/2"-20	Unified Fine	3	0.689	3-3/8	H3	
TCQ026	9/16"-12	Unified Coarse	3	0.7087	3-19/32	H3	
TCQ053	9/16"-18	Unified Fine	3	0.7087	3-19/32	H3	
TCQ027	5/8"-11	Unified Coarse	3	0.7087	3-13/16	H3	
TCQ054	5/8"-18	Unified Fine	3	0.7087	3-13/16	H3	
TCQ028	3/4"-10	Unified Coarse	3	0.8858	4-1/4	H4	
TCQ055	3/4"-16	Unified Fine	3	0.8858	4-1/4	H3	
TCQ029	7/8"-9	Unified Coarse	3	0.9843	4-11/16	H4	
TCQ056	7/8"-14	Unified Fine	3	0.9843	4-11/16	H4	
TCQ030	1"-8	Unified Coarse	3	1.1811	5-1/8	H4	
TCQ057	1"-14	Unified Fine	3	1.1811	5-1/8	H4	



Model No.	Thread Size	Thread Form	No. of Flutes	L2"	L1"	Limits	Price /Each
TCQ062	7/16"-20	Unified Fine	3	0.6299	3-5/32	H3	
TCQ041	1/2"-13	Unified Coarse	3	0.689	3-3/8	H3	
TCQ063	1/2"-20	Unified Fine	3	0.689	3-3/8	H3	
TCQ042	9/16"-12	Unified Coarse	3	0.7087	3-19/32	H3	
TCQ064	9/16"-18	Unified Fine	3	0.7087	3-19/32	H3	
TCQ043	5/8"-11	Unified Coarse	3	0.7087	3-13/16	H3	
TCQ065	5/8"-18	Unified Fine	3	0.7087	3-13/16	H3	
TCQ044	3/4"-10	Unified Coarse	3	0.8858	4-1/4	H4	
TCQ066	3/4"-16	Unified Fine	3	0.8858	4-1/4	H3	
TCQ045	7/8"-9	Unified Coarse	3	0.9843	4-11/16	H4	
TCQ067	7/8"-14	Unified Fine	3	0.9843	4-11/16	H4	
TCQ046	1"-8	Unified Coarse	3	1.1811	5-1/8	H4	
TCQ068	1"-14	Unified Fine	3	1.1811	5-1/8	H4	



Model No.	Thread Size	Thread Form	No. of Flutes	L2 mm	L1 mm	Limits	Price /Each
TCP976	M12 x 1.75	Metric Coarse	3	16	89	D6	
TCP977	M14 x 2	Metric Coarse	3	18	95	D7	
TCP978	M16 x 2	Metric Coarse	4	18	102	D7	
TCP979	M18 x 2.5	Metric Coarse	4	29	112	D7	
TCP980	M20 x 2.5	Metric Coarse	4	29	112	D7	
TCP981	M22 x 2.5	Metric Coarse	4	29	118	D8	
TCP982	M24 x 3	Metric Coarse	4	35	130	D8	