

# CUTTING TOOLS



## SPIRAL FLUTE TAP 45° (CONT.)

### E003 & EO13 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 M2 x 0.4 to M10 x 1.25  
Reduced shanks: sizes M12 x 1 to M24 x 3



Model No.	Thread Size	Thread Form	No. of Flutes	L2 mm	L1 mm	Limits	Price /Each
TCP983	M2x0.4	Metric Coarse	2	8	41	D3	
TCP984	M2.5x0.45	Metric Coarse	2	9.5	44.5	D3	
TCP985	M3x0.5	Metric Coarse	3	6	48	D3	
TCP998	M4x0.5	Metric Fine	3	7	53	D4	
TCP986	M4x0.7	Metric Coarse	3	7	53	D4	
TCP999	M5x0.5	Metric Fine	3	8	58	D4	
TCP987	M5x0.8	Metric Coarse	3	8	58	D4	
TQ000	M6x0.5	Metric Fine	3	10	66	D5	
TQ001	M6x0.75	Metric Fine	3	10	66	D5	
TCP988	M6x1	Metric Coarse	3	10	66	D5	
TQ002	M8x0.75	Metric Fine	3	12	72	D5	
TQ003	M8x1	Metric Fine	3	12	72	D5	
TCP989	M8x1.25	Metric Coarse	3	12	72	D5	
TQ004	M10x1	Metric Fine	3	15	80	D6	
TQ005	M10x1.25	Metric Fine	3	15	80	D6	
TCP990	M10x1.5	Metric Coarse	3	15	80	D6	

Model No.	Thread Size	Thread Form	No. of Flutes	L2 mm	L1 mm	Limits	Price /Each
TQ006	M12x1	Metric Fine	3	16	89	D6	
TQ007	M12x1.25	Metric Fine	3	16	89	D6	
TQ008	M12x1.5	Metric Fine	3	16	89	D6	
TCP991	M12x1.75	Metric Coarse	3	16	89	D6	
TQ009	M14x1.5	Metric Fine	3	18	95	D7	
TCP992	M14x2	Metric Coarse	3	18	95	D7	
TQ010	M16x1	Metric Fine	4	18	102	D7	
TQ011	M16x1.5	Metric Fine	4	18	102	D7	
TCP993	M16x2	Metric Coarse	4	18	102	D7	
TQ012	M18x1.5	Metric Fine	4	29	112	D7	
TCP994	M18x2.5	Metric Coarse	4	29	112	D7	
TQ013	M20x1.5	Metric Fine	4	29	112	D7	
TCP995	M20x2.5	Metric Coarse	4	29	112	D7	
TQ014	M22x1.5	Metric Fine	4	29	112	D8	
TCP996	M22x2.5	Metric Coarse	4	29	118	D8	
TCP997	M24x3	Metric Coarse	4	35	130	D8	

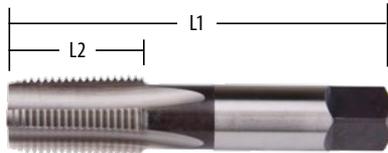
## MEDIUM HOOK PIPE TAPS

### E710 SERIES

- Generally used for pipe fittings and couplings in most ferrous and non-ferrous materials
- Medium hook for multi-material tapping
- Straight flute
- Material: High Speed Steel
- Thread Form: National Taper Pipe
- Manufacturing Standards: ANSI B94.9
- Finish: Bright
- Cutting Direction: Right Hand



**Note:** NPT threads require the use of a sealant such as teflon tape or pipe compound to ensure a tight joint



Model No.	Pipe Size	No. of Flutes	L2 mm	L1 mm	Price /Each
TCP958	1/16"-27	4	17	65	
TCP959	1/8"-27	4	19	70	
TCP960	1/4"-18	4	27	75	
TCP961	3/8"-18	4	27	80	
TCP962	1/2"-14	4	35	100	
TCP963	3/4"-14	5	35	105	
TCP964	1"-11.5	5	43	115	
TCP965	1-1/4"-11.5	5	43	125	
TCP966	1-1/2"-11.5	7	43	135	
TCP967	2"-11.5	7	43	145	

## STRAIGHT HANDLE TAP WRENCHES

### 3850 SERIES

- Ideal for hand tapping
- Hardened steel jaws are opened and closed by simply twisting one hand which is knurled for side gripping



Model No.	Imperial Hand Tap Capacity"	Metric Hand Tap Capacity	Hand Reamer Capacity"	Size	Price /Each
TCP921	1/16 - 5/16	M1 - M8	1/8 - 5/16	#8	
TCP923	1/4 - 3/4	M3 - M18	1/4 - 9/16	#10	
TCP924	3/8 - 1	M10 - M25	3/8 - 3/4	#11	
TCP926	7/8 - 1-7/8	M22 - M42	5/8 - 1-1/2	#14	

## M2 SAE TAP

- Made of hardened and tempered M2 High Speed Steel for fast threading and long service life
- Ideal for industrial applications (production work) as well as automotive, agri-motive and machine shop applications
- Material: High Speed Steel
- Rockwell Hardness: HRC 62-64



Model No.	Mfg. No.	Thread Size	Chamfer Type	Drill Size	Price /Each
UAV986	530219	10-24NC	Taper	#25	
UAV987	530226	1/4"-20	Plug	13/64"	
UAV988	530232	3/8"-16	Plug	5/16"	

## ALLOY PIPE TAP

- Standard hex design for threading and rethreading applications
- Type: Taper
- Rockwell Hardness: HRC 55-59



Model No.	Mfg. No.	Pipe Size	Drill Size	Price /Each
UAV989	530404	1/2"-14	45/64"	
UAV990	530410	1-1/2"-11.5	1-47/64"	