

HIGH SPEED STEEL Metric / Bright

PACKAGING:

1.6 mm thru 6.3 mm - 12 per pack
7 mm thru 12 mm - 6 per pack

14 mm thru 27 mm - 3 per pack
30 mm and up - individually packaged

2800E

TAPER, PLUG & BOTTOMING / THROUGH OR BLIND HOLE

Straight Flute "Hand Taps" are the most popular and versatile style of taps in general machine tapping operations. They are for general use in production tapping or hand operations in a wide range of application material groups.

Taper – 7-10 pitch chamfer length. Starts the thread square with the workpiece

Plug – 3-5 pitch chamfer length. Generally used in through holes

Bottoming – 1-2 pitch chamfer length. Generates the thread to the bottom

Sets – Contains 1 each of Taper, Plug, and Bottoming



2800E

For Tap/Drill sizes, please see chart on page 242

Size (mm)	Pitch Dia. (mm)	No. of Flutes	2800E EDP No.			
			Taper	Plug	Bottoming	Sets
1.5	0.35	2	28E015AT	28E015AP	28E015AB	28E015AS
1.6	0.35	2	28E016AT	28E016AP	28E016AB	28E016AS
1.8	0.35	2	28E018AT	28E018AP	28E018AB	28E018AS
2	0.40	3	28E020AT	28E020AP	28E020AB	28E020AS
2	0.45	3	28E020BT	28E020BP	28E020BB	28E020BS
2.2	0.45	3	28E022AT	28E022AP	28E022AB	28E022AS
2.3	0.40	3	28E023AT	28E023AP	28E023AB	28E023AS
2.5	0.45	3	28E025AT	28E025AP	28E025AB	28E025AS
2.6	0.45	3	28E026AT	28E026AP	28E026AB	28E026AS
3	0.50	3	28E030AT	28E030AP	28E030AB	28E030AS
3	0.60	3	28E030BT	28E030BP	28E030BB	28E030BS
3.5	0.60	3	28E035AT	28E035AP	28E035AB	28E035AS
4	0.50	4	28E040BT	28E040BP	28E040BB	28E040BS
4	0.70	4	28E040AT	28E040AP	28E040AB	28E040AS
4.5	0.75	4	28E045AT	28E045AP	28E045AB	28E045AS
5	0.50	4	28E050CT	28E050CP	28E050CB	28E050CS
5	0.80	4	28E050AT	28E050AP	28E050AB	28E050AS
5	0.90	4	28E050BT	28E050BP	28E050BB	28E050BS
5.5	0.90	4	28E055AT	28E055AP	28E055AB	28E055AS
6	0.75	4	28E060BT	28E060BP	28E060BB	28E060BS

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Size (mm)	Pitch Dia. (mm)	No. of Flutes	2800E EDP No.			
			Taper	Plug	Bottoming	Sets
6	1.00	4	28E060AT	28E060AP	28E060AB	28E060AS
6.3	1.00	4	28E063AT	28E063AP	28E063AB	28E063AS
7	1.00	4	28E070AT	28E070AP	28E070AB	28E070AS
8	1.00	4	28E080BT	28E080BP	28E080BB	28E080BS
8	1.25	4	28E080AT	28E080AP	28E080AB	28E080AS
10	1.00	4	28E100CT	28E100CP	28E100CB	28E100CS
10	1.25	4	28E100BT	28E100BP	28E100BB	28E100BS
10	1.50	4	28E100AT	28E100AP	28E100AB	28E100AS
11	1.50	4	28E110AT	28E110AP	28E110AB	28E110AS
12	1.25	4	28E120CT	28E120CP	28E120CB	28E120CS
12	1.50	4	28E120BT	28E120BP	28E120BB	28E120BS
12	1.75	4	28E120AT	28E120AP	28E120AB	28E120AS
14	1.25	4	28E140CT	28E140CP	28E140CB	28E140CS
14	1.50	4	28E140BT	28E140BP	28E140BB	28E140BS
14	2.00	4	28E140AT	28E140AP	28E140AB	28E140AS
16	1.50	4	28E160BT	28E160BP	28E160BB	28E160BS
16	2.00	4	28E160AT	28E160AP	28E160AB	28E160AS
18	1.00	4	28E180CT	28E180CP	28E180CB	28E180CS
18	1.50	4	28E180DT	28E180DP	28E180DB	28E180DS
18	2.00	4	28E180BT	28E180BP	28E180BB	28E180BS
18	2.50	4	28E180AT	28E180AP	28E180AB	28E180AS
20	1.00	4	28E200CT	28E200CP	28E200CB	28E200CS
20	1.50	4	28E200BT	28E200BP	28E200BB	28E200BS
20	2.00	4	28E200DT	28E200DP	28E200DB	28E200DS
20	2.50	4	28E200AT	28E200AP	28E200AB	28E200AS

Continued on next page

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Size (mm)	Pitch Dia. (mm)	No. of Flutes	2800E EDP No.			
			Taper	Plug	Bottoming	Sets
22	1.50	4	28E220BT	28E220BP	28E220BB	28E220BS
22	2.50	4	28E220AT	28E220AP	28E220AB	28E220AS
24	1.50	4	28E240CT	28E240CP	28E240CB	28E240CS
24	2.00	4	28E240BT	28E240BP	28E240BB	28E240BS
24	3.00	4	28E240AT	28E240AP	28E240AB	28E240AS
27	2.00	4	28E270BT	28E270BP	28E270BB	28E270BS
27	3.00	4	28E270AT	28E270AP	28E270AB	28E270AS
30	1.50	4	28E300CT	28E300CP	28E300CB	28E300CS
30	2.00	4	28E300BT	28E300BP	28E300BB	28E300BS
30	3.50	4	28E300AT	28E300AP	28E300AB	28E300AS
32	2.00	4	28E320AT	28E320AP	28E320AB	28E320AS
33	2.00	4	28E330BT	28E330BP	28E330BB	28E330BS
33	3.50	4	28E330AT	28E330AP	28E330AB	28E330AS
36	3.00	4	28E360BT	28E360BP	28E360BB	28E360BS
36	4.00	4	28E360AT	28E360AP	28E360AB	28E360AS
39	3.00	6	28E390BT	28E390BP	28E390BB	28E390BS
39	4.00	6	28E390AT	28E390AP	28E390AB	28E390AS
42	1.50	6	28E420BT	28E420BP	28E420BB	28E420BS
42	4.50	6	28E420AT	28E420AP	28E420AB	28E420AS
45	1.50	6	28E450BT	28E450BP	28E450BB	28E450BS
45	4.50	6	28E450AT	28E450AP	28E450AB	28E450AS
48	1.50	6	28E480BT	28E480BP	28E480BB	28E480BS
48	5.00	6	28E480AT	28E480AP	28E480AB	28E480AS
52	1.50	6	28E520BT	28E520BP	28E520BB	28E520BS
52	5.00	6	28E520AT	28E520AP	28E520AB	28E520AS