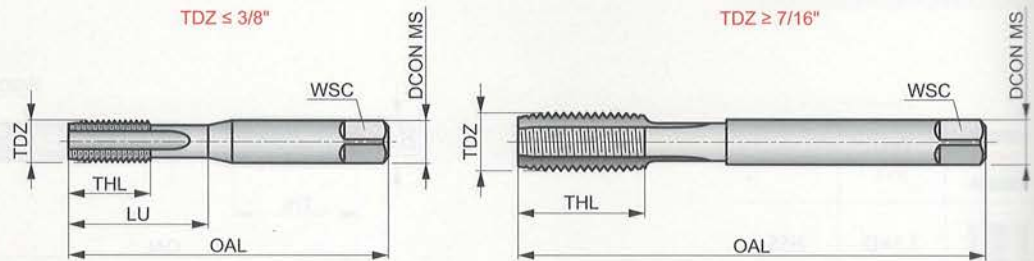


E531



HSS Straight Flute Hand Tap, BSW, ISO Standard

A versatile tool, suitable for hand and machine tapping, with a straight flute design for both through and blind holes. Available as a set of three N06 or as separate taps with taper lead N01 for short through holes, plug lead N02 for deeper through holes or bottoming lead N03 for blind holes.



	ISO 529	Medium
	1.5xD	HSS
		Bright

Workpiece material group suitability and starting values for cutting speed (m/min)

P1.1	P1.2	P1.3	P2.1	P2.2	P2.3	P3.1	P3.2	P4.1	K1.1	K1.2	K1.3	K2.1	K2.2
■ 7	■ 7	■ 8	■ 6	■ 5	■ 4	■ 4	■ 4	■ 3	■ 12	■ 9	■ 7	■ 12	■ 10
K3.1	K3.2	K4.1	K4.2	K5.1	K5.2	N1.3	N2.1	N2.2	N2.3	N3.1	N3.2	N3.3	N4.2
■ 11	■ 8	■ 10	■ 8	■ 11	■ 9	■ 8	■ 11	■ 10	■ 7	■ 17	■ 10	■ 15	■ 5
N4.3													
■ 3													

Product	TDZ	TPI	TD	OAL	THL	DCON MS	WSC	NOF	PHD	LU
			(mm)	(mm)	(mm)					
E5311/8N01	1/8	40	3.175	48.0	12.5	3.15	2.50	3	2.55	12.50
E5311/8N02	1/8	40	3.175	48.0	12.5	3.15	2.50	3	2.55	12.50
E5311/8N03	1/8	40	3.175	48.0	12.5	3.15	2.50	3	2.55	12.50
E5311/8N06	1/8	40	3.175	48.0	12.5	3.15	2.50	3	2.55	12.50
E5315/32N01	5/32	32	3.969	53.0	14	4.00	3.15	3	3.20	14.00
E5315/32N02	5/32	32	3.969	53.0	14	4.00	3.15	3	3.20	14.00
E5315/32N03	5/32	32	3.969	53.0	14	4.00	3.15	3	3.20	14.00
E5315/32N06	5/32	32	3.969	53.0	14	4.00	3.15	3	3.20	14.00
E5313/16N01	3/16	24	4.763	58.0	11	5.00	4.00	3	3.70	20.00
E5313/16N02	3/16	24	4.763	58.0	11	5.00	4.00	3	3.70	20.00
E5313/16N03	3/16	24	4.763	58.0	11	5.00	4.00	3	3.70	20.00
E5313/16N06	3/16	24	4.763	58.0	11	5.00	4.00	3	3.70	20.00
E5311/4N01	1/4	20	6.350	66.0	13	6.30	5.00	3	5.10	26.00
E5311/4N02	1/4	20	6.350	66.0	13	6.30	5.00	3	5.10	26.00
E5311/4N03	1/4	20	6.350	66.0	13	6.30	5.00	3	5.10	26.00
E5311/4N06	1/4	20	6.350	66.0	13	6.30	5.00	3	5.10	26.00
E5315/16N01	5/16	18	7.938	72.0	16	8.00	6.30	3	6.50	29.00
E5315/16N02	5/16	18	7.938	72.0	16	8.00	6.30	3	6.50	29.00
E5315/16N03	5/16	18	7.938	72.0	16	8.00	6.30	3	6.50	29.00
E5315/16N06	5/16	18	7.938	72.0	16	8.00	6.30	3	6.50	29.00
E5313/8N01	3/8	16	9.525	80.0	18	10.00	8.00	3	7.90	32.00
E5313/8N02	3/8	16	9.525	80.0	18	10.00	8.00	3	7.90	32.00
E5313/8N03	3/8	16	9.525	80.0	18	10.00	8.00	3	7.90	32.00
E5313/8N06	3/8	16	9.525	80.0	18	10.00	8.00	3	7.90	32.00
E5317/16N01	7/16	14	11.112	85.0	19	8.00	6.30	3	9.20	-
E5317/16N02	7/16	14	11.112	85.0	19	8.00	6.30	3	9.20	-
E5317/16N03	7/16	14	11.112	85.0	19	8.00	6.30	3	9.20	-
E5317/16N06	7/16	14	11.112	85.0	19	8.00	6.30	3	9.20	-

Product	TDZ	TPI	TD	OAL	THL	DCON MS	WSC	NOF	PHD	LU
			(mm)	(mm)	(mm)	(mm)	(mm)		(mm)	(mm)
E5311/2N01	1/2	12	12.700	89.0	22	9.00	7.10	3	10.50	-
E5311/2N02	1/2	12	12.700	89.0	22	9.00	7.10	3	10.50	-
E5311/2N03	1/2	12	12.700	89.0	22	9.00	7.10	3	10.50	-
E5311/2N06	1/2	12	12.700	89.0	22	9.00	7.10	3	10.50	-
E5315/8N01	5/8	11	15.875	102.0	24	12.50	10.00	4	13.50	-
E5315/8N02	5/8	11	15.875	102.0	24	12.50	10.00	4	13.50	-
E5315/8N03	5/8	11	15.875	102.0	24	12.50	10.00	4	13.50	-
E5315/8N06	5/8	11	15.875	102.0	24	12.50	10.00	4	13.50	-
E5313/4N01	3/4	10	19.050	112.0	29	14.00	11.20	4	16.50	-
E5313/4N02	3/4	10	19.050	112.0	29	14.00	11.20	4	16.50	-
E5313/4N03	3/4	10	19.050	112.0	29	14.00	11.20	4	16.50	-
E5313/4N06	3/4	10	19.050	112.0	29	14.00	11.20	4	16.50	-
E5311N01	1"	8	25.400	130.0	35	18.00	14.00	4	22.00	-
E5311N02	1"	8	25.400	130.0	35	18.00	14.00	4	22.00	-
E5311N03	1"	8	25.400	130.0	35	18.00	14.00	4	22.00	-
E5311N06	1"	8	25.400	130.0	35	18.00	14.00	4	22.00	-