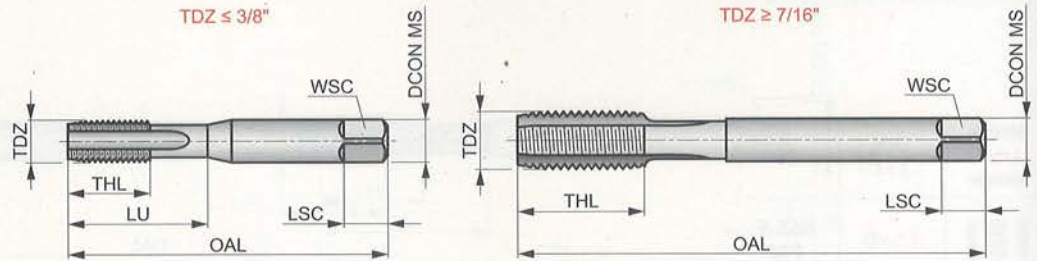


# E524



## HSS Straight Flute Hand Tap, UNF, 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.

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

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

Products from this series are also available in set with dies. Please see L120.

Product	TDZ	TPI	TD	OAL	THL	DCON MS	WSC	LSC	NOF	PHD	LU
			(mm)	(mm)	(mm)	(mm)	(mm)	(mm)			(mm)
E5240-80N01	0	80	1.524	41.0	7	2.50	2.00	4	2	1.25	7.00
E5240-80N02	0	80	1.524	41.0	7	2.50	2.00	4	2	1.25	7.00
E5240-80N03	0	80	1.524	41.0	7	2.50	2.00	4	2	1.25	7.00
E5241-72N01	1	72	1.854	41.0	8	2.50	2.00	4	2	1.55	8.00
E5241-72N02	1	72	1.854	41.0	8	2.50	2.00	4	2	1.55	8.00
E5241-72N03	1	72	1.854	41.0	8	2.50	2.00	4	2	1.55	8.00
E5242-64N01	2	64	2.184	44.5	9.5	2.80	2.24	5	3	1.90	9.50
E5242-64N02	2	64	2.184	44.5	9.5	2.80	2.24	5	3	1.90	9.50
E5242-64N03	2	64	2.184	44.5	9.5	2.80	2.24	5	3	1.90	9.50
E5244-48N01	4	48	2.845	48.0	12.5	3.15	2.50	5	3	2.40	12.50
E5244-48N02	4	48	2.845	48.0	12.5	3.15	2.50	5	3	2.40	12.50
E5244-48N03	4	48	2.845	48.0	12.5	3.15	2.50	5	3	2.40	12.50
E5245-44N01	5	44	3.175	48.0	12.5	3.15	2.50	5	3	2.70	12.50
E5245-44N02	5	44	3.175	48.0	12.5	3.15	2.50	5	3	2.70	12.50
E5245-44N03	5	44	3.175	48.0	12.5	3.15	2.50	5	3	2.70	12.50
E5246-40N01	6	40	3.505	50.0	14	3.55	2.80	5	3	2.95	14.00
E5246-40N02	6	40	3.505	50.0	14	3.55	2.80	5	3	2.95	14.00
E5246-40N03	6	40	3.505	50.0	14	3.55	2.80	5	3	2.95	14.00
E5248-36N01	8	36	4.166	53.0	9.5	4.50	3.55	6	3	3.50	17.00
E5248-36N02	8	36	4.166	53.0	9.5	4.50	3.55	6	3	3.50	17.00
E5248-36N03	8	36	4.166	53.0	9.5	4.50	3.55	6	3	3.50	17.00
E52410-32N01	10	32	4.826	58.0	11	5.00	4.00	7	3	4.10	20.00
E52410-32N02	10	32	4.826	58.0	11	5.00	4.00	7	3	4.10	20.00
E52410-32N03	10	32	4.826	58.0	11	5.00	4.00	7	3	4.10	20.00
E52410-32N06	10	32	4.826	58.0	11	5.00	4.00	7	3	4.10	20.00
E52412-28N01	12	28	5.486	62.0	12	5.60	4.50	7	3	4.70	21.00
E52412-28N02	12	28	5.486	62.0	12	5.60	4.50	7	3	4.70	21.00

Product	TDZ	TPI	TD	OAL	THL	DCON MS	WSC	LSC	NOF	PHD	LU
			(mm)	(mm)	(mm)	(mm)	(mm)	(mm)		(mm)	(mm)
E52412-28N03	12	28	5.486	62.0	12	5.60	4.50	7	3	4.70	21.00
E52412-28N06	12	28	5.486	62.0	12	5.60	4.50	7	3	4.70	21.00
E5241/4N01	1/4	28	6.350	66.0	13	6.30	5.00	8	3	5.50	26.00
E5241/4N02	1/4	28	6.350	66.0	13	6.30	5.00	8	3	5.50	26.00
E5241/4N03	1/4	28	6.350	66.0	13	6.30	5.00	8	3	5.50	26.00
E5241/4N06	1/4	28	6.350	66.0	13	6.30	5.00	8	3	5.50	26.00
E5245/16N01	5/16	24	7.938	72.0	16	8.00	6.30	9	3	6.90	29.00
E5245/16N02	5/16	24	7.938	72.0	16	8.00	6.30	9	3	6.90	29.00
E5245/16N03	5/16	24	7.938	72.0	16	8.00	6.30	9	3	6.90	29.00
E5245/16N06	5/16	24	7.938	72.0	16	8.00	6.30	9	3	6.90	29.00
E5243/8N01	3/8	24	9.525	80.0	18	10.00	8.00	11	3	8.50	32.00
E5243/8N02	3/8	24	9.525	80.0	18	10.00	8.00	11	3	8.50	32.00
E5243/8N03	3/8	24	9.525	80.0	18	10.00	8.00	11	3	8.50	32.00
E5243/8N06	3/8	24	9.525	80.0	18	10.00	8.00	11	3	8.50	32.00
E5247/16N01	7/16	20	11.112	85.0	19	8.00	6.30	9	3	9.90	-
E5247/16N02	7/16	20	11.112	85.0	19	8.00	6.30	9	3	9.90	-
E5247/16N03	7/16	20	11.112	85.0	19	8.00	6.30	9	3	9.90	-
E5247/16N06	7/16	20	11.112	85.0	19	8.00	6.30	9	3	9.90	-
E5241/2N01	1/2	20	12.700	89.0	22	9.00	7.10	10	3	11.50	-
E5241/2N02	1/2	20	12.700	89.0	22	9.00	7.10	10	3	11.50	-
E5241/2N03	1/2	20	12.700	89.0	22	9.00	7.10	10	3	11.50	-
E5241/2N06	1/2	20	12.700	89.0	22	9.00	7.10	10	3	11.50	-
E5249/16N01	9/16	18	14.288	95.0	24	11.20	9.00	12	4	12.90	-
E5249/16N02	9/16	18	14.288	95.0	24	11.20	9.00	12	4	12.90	-
E5249/16N03	9/16	18	14.288	95.0	24	11.20	9.00	12	4	12.90	-
E5249/16N06	9/16	18	14.288	95.0	24	11.20	9.00	12	4	12.90	-
E5245/8N01	5/8	18	15.875	102.0	24	12.50	10.00	13	4	14.50	-
E5245/8N02	5/8	18	15.875	102.0	24	12.50	10.00	13	4	14.50	-
E5245/8N03	5/8	18	15.875	102.0	24	12.50	10.00	13	4	14.50	-
E5245/8N06	5/8	18	15.875	102.0	24	12.50	10.00	13	4	14.50	-
E5243/4N01	3/4	16	19.050	112.0	29	14.00	11.20	14	4	17.50	-
E5243/4N02	3/4	16	19.050	112.0	29	14.00	11.20	14	4	17.50	-
E5243/4N03	3/4	16	19.050	112.0	29	14.00	11.20	14	4	17.50	-
E5243/4N06	3/4	16	19.050	112.0	29	14.00	11.20	14	4	17.50	-
E5247/8N01	7/8	14	22.225	118.0	29	16.00	12.50	16	4	20.40	-
E5247/8N02	7/8	14	22.225	118.0	29	16.00	12.50	16	4	20.40	-
E5247/8N03	7/8	14	22.225	118.0	29	16.00	12.50	16	4	20.40	-
E5247/8N06	7/8	14	22.225	118.0	29	16.00	12.50	16	4	20.40	-
E5241N01	1"	12	25.400	130.0	35	18.00	14.00	18	4	23.25	-
E5241N02	1"	12	25.400	130.0	35	18.00	14.00	18	4	23.25	-
E5241N03	1"	12	25.400	130.0	35	18.00	14.00	18	4	23.25	-
E5241N06	1"	12	25.400	130.0	35	18.00	14.00	18	4	23.25	-
E5241.1/8N01	1.1/8	12	28.575	138.0	35	20.00	16.00	20	4	26.50	-
E5241.1/8N02	1.1/8	12	28.575	138.0	35	20.00	16.00	20	4	26.50	-
E5241.1/8N03	1.1/8	12	28.575	138.0	35	20.00	16.00	20	4	26.50	-
E5241.1/4N01	1.1/4	12	31.750	151.0	41	22.40	18.00	22	4	29.50	-
E5241.1/4N02	1.1/4	12	31.750	151.0	41	22.40	18.00	22	4	29.50	-
E5241.1/4N03	1.1/4	12	31.750	151.0	41	22.40	18.00	22	4	29.50	-
E5241.3/8N01	1.3/8	12	34.925	162.0	47	25.00	20.00	24	4	32.75	-
E5241.3/8N02	1.3/8	12	34.925	162.0	47	25.00	20.00	24	4	32.75	-
E5241.3/8N03	1.3/8	12	34.925	162.0	47	25.00	20.00	24	4	32.75	-
E5241.1/2N01	1.1/2	12	38.100	170.0	47	28.00	22.40	26	4	36.00	-
E5241.1/2N02	1.1/2	12	38.100	170.0	47	28.00	22.40	26	4	36.00	-
E5241.1/2N03	1.1/2	12	38.100	170.0	47	28.00	22.40	26	4	36.00	-