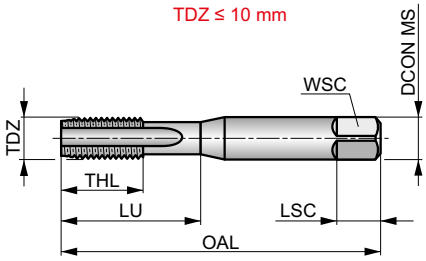
E500

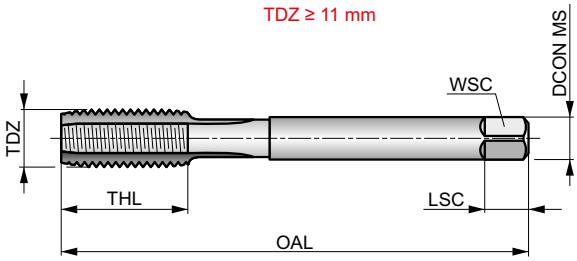
DORMER



Straight Flute Hand Taps, Metric, ISO Standard

A versatile tool, suitable for hand and machine tapping, with a straight flute design for both through and blind holes. As a hand tap set of three N06 or two N07 with different chamfer length, each producing a full thread. Or as a set N08 with three serial taps to be used in sequence to create the full thread.





M	ISO 529	6H
	1.5×D	HSS
	R	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	P4.2	K1.1	K1.2	K1.3	K2.1
■7	■7	■8	■6	■5	◪4	■4	◪4	◪3	◪2	◪12	◪9	◪7	◪12
K2.2	**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**
◪10	◪11	◪8	◪10	◪8	◪11	◪9	◪8	◪11	◪10	◪7	◪17	◪10	◪5
N4.2	**N4.3**												
◪5	◪3												

Products from this series are also available in sets with drills or dies. Please see L115, L000 or L120.

Product	TDZ	TP	OAL	THL	DCON MS	WSC	LSC	NOF	PHD	LU
		[mm]	[mm]	[mm]	[mm]	[mm]	[mm]		[mm]	[mm]
E500M1N01 [1]	1	0.25	38.0	4.5	2.50	2.00	4	2	0.75	4.50
E500M1N02 [1]	1	0.25	38.0	4.5	2.50	2.00	4	2	0.75	4.50
E500M1N03 [1]	1	0.25	38.0	4.5	2.50	2.00	4	2	0.75	4.50
E500M1.2N01 [1]	1.2	0.25	38.0	4.5	2.50	2.00	4	2	0.95	4.50
E500M1.2N02 [1]	1.2	0.25	38.0	4.5	2.50	2.00	4	2	0.95	4.50
E500M1.2N03 [1]	1.2	0.25	38.0	4.5	2.50	2.00	4	2	0.95	4.50
E500M1.4N01 [1]	1.4	0.30	40.0	6	2.50	2.00	4	2	1.10	6.00
E500M1.4N02 [1]	1.4	0.30	40.0	6	2.50	2.00	4	2	1.10	6.00
E500M1.4N03 [1]	1.4	0.30	40.0	6	2.50	2.00	4	2	1.10	6.00
E500M1.6N01	1.6	0.35	41.0	8	2.50	2.00	4	2	1.25	8.00
E500M1.6N02	1.6	0.35	41.0	8	2.50	2.00	4	2	1.25	8.00
E500M1.6N03	1.6	0.35	41.0	8	2.50	2.00	4	2	1.25	8.00
E500M1.6N06	1.6	0.35	41.0	8	2.50	2.00	4	2	1.25	8.00
E500M1.7N01	1.7	0.35	41.0	8	2.50	2.00	4	2	1.35	8.00
E500M1.7N02	1.7	0.35	41.0	8	2.50	2.00	4	2	1.35	8.00
E500M1.7N03	1.7	0.35	41.0	8	2.50	2.00	4	2	1.35	8.00
E500M1.7N06	1.7	0.35	41.0	8	2.50	2.00	4	2	1.35	8.00
E500M1.7N08	1.7	0.35	41.0	8	2.50	2.00	4	2	1.35	8.00
E500M1.8N01	1.8	0.35	41.0	8	2.50	2.00	4	2	1.45	8.00
E500M1.8N02	1.8	0.35	41.0	8	2.50	2.00	4	2	1.45	8.00
E500M1.8N03	1.8	0.35	41.0	8	2.50	2.00	4	2	1.45	8.00
E500M2N01	2	0.40	41.0	8	2.50	2.00	4	3	1.60	8.00
E500M2N02	2	0.40	41.0	8	2.50	2.00	4	3	1.60	8.00
E500M2N03	2	0.40	41.0	8	2.50	2.00	4	3	1.60	8.00
E500M2N06	2	0.40	41.0	8	2.50	2.00	4	3	1.60	8.00
E500M2N08	2	0.40	41.0	8	2.50	2.00	4	3	1.60	8.00
E500M2X.45N01	2	0.45	41.0	8	2.50	2.00	4	3	1.55	8.00

Product	TDZ	TP	OAL	THL	DCON MS	WSC	LSC	NOF	PHD	LU
		[mm]	[mm]	[mm]	[mm]	[mm]	[mm]		[mm]	[mm]
E500M2X.45N02	2	0.45	41.0	8	2.50	2.00	4	3	1.55	8.00
E500M2X.45N03	2	0.45	41.0	8	2.50	2.00	4	3	1.55	8.00
E500M2.2N01	2.2	0.45	44.5	9.5	2.80	2.24	5	3	1.75	9.50
E500M2.2N02	2.2	0.45	44.5	9.5	2.80	2.24	5	3	1.75	9.50
E500M2.2N03	2.2	0.45	44.5	9.5	2.80	2.24	5	3	1.75	9.50
E500M2.3N01	2.3	0.45	44.5	9.5	2.80	2.24	5	3	1.85	9.50
E500M2.3N02	2.3	0.45	44.5	9.5	2.80	2.24	5	3	1.85	9.50
E500M2.3N03	2.3	0.45	44.5	9.5	2.80	2.24	5	3	1.85	9.50
E500M2.5N01	2.5	0.45	44.5	9.5	2.80	2.24	5	3	2.05	9.50
E500M2.5N02	2.5	0.45	44.5	9.5	2.80	2.24	5	3	2.05	9.50
E500M2.5N03	2.5	0.45	44.5	9.5	2.80	2.24	5	3	2.05	9.50
E500M2.5N06	2.5	0.45	44.5	9.5	2.80	2.24	5	3	2.05	9.50
E500M2.5N08	2.5	0.45	44.5	9.5	2.80	2.24	5	3	2.05	9.50
E500M2.6N01	2.6	0.45	44.5	9.5	2.80	2.24	5	3	2.15	9.50
E500M2.6N02	2.6	0.45	44.5	9.5	2.80	2.24	5	3	2.15	9.50
E500M2.6N03	2.6	0.45	44.5	9.5	2.80	2.24	5	3	2.15	9.50
E500M3N01	3	0.50	48.0	12.5	3.15	2.50	5	3	2.50	12.50
E500M3N02	3	0.50	48.0	12.5	3.15	2.50	5	3	2.50	12.50
E500M3N03	3	0.50	48.0	12.5	3.15	2.50	5	3	2.50	12.50
E500M3N06	3	0.50	48.0	12.5	3.15	2.50	5	3	2.50	12.50
E500M3N07	3	0.50	48.0	12.5	3.15	2.50	5	3	2.50	12.50
E500M3N08	3	0.50	48.0	12.5	3.15	2.50	5	3	2.50	12.50
E500M3X.6N01	3	0.60	48.0	12.5	3.15	2.50	5	3	2.40	12.50
E500M3X.6N02	3	0.60	48.0	12.5	3.15	2.50	5	3	2.40	12.50
E500M3X.6N03	3	0.60	48.0	12.5	3.15	2.50	5	3	2.40	12.50
E500M3.5N01	3.5	0.60	50.0	14	3.55	2.80	5	3	2.90	14.00
E500M3.5N02	3.5	0.60	50.0	14	3.55	2.80	5	3	2.90	14.00
E500M3.5N03	3.5	0.60	50.0	14	3.55	2.80	5	3	2.90	14.00
E500M3.5N06	3.5	0.60	50.0	14	3.55	2.80	5	3	2.90	14.00
E500M4N01	4	0.70	53.0	14	4.00	3.15	6	3	3.30	14.00
E500M4N02	4	0.70	53.0	14	4.00	3.15	6	3	3.30	14.00
E500M4N03	4	0.70	53.0	14	4.00	3.15	6	3	3.30	14.00
E500M4N06	4	0.70	53.0	14	4.00	3.15	6	3	3.30	14.00
E500M4N07	4	0.70	53.0	14	4.00	3.15	6	3	3.30	14.00
E500M4N08	4	0.70	53.0	14	4.00	3.15	6	3	3.30	14.00
E500M4X.75N01	4	0.75	53.0	14	4.00	3.15	6	3	3.25	14.00
E500M4X.75N02	4	0.75	53.0	14	4.00	3.15	6	3	3.25	14.00
E500M4X.75N03	4	0.75	53.0	14	4.00	3.15	6	3	3.25	14.00
E500M4.5N01	4.5	0.75	53.0	9.5	4.50	3.55	6	3	3.80	18.00
E500M4.5N02	4.5	0.75	53.0	9.5	4.50	3.55	6	3	3.80	18.00
E500M4.5N03	4.5	0.75	53.0	9.5	4.50	3.55	6	3	3.80	18.00
E500M4.5N06	4.5	0.75	53.0	9.5	4.50	3.55	6	3	3.80	18.00
E500M5N01	5	0.80	58.0	11	5.00	4.00	7	3	4.20	22.00
E500M5N02	5	0.80	58.0	11	5.00	4.00	7	3	4.20	22.00
E500M5N03	5	0.80	58.0	11	5.00	4.00	7	3	4.20	22.00
E500M5N06	5	0.80	58.0	11	5.00	4.00	7	3	4.20	22.00
E500M5N07	5	0.80	58.0	11	5.00	4.00	7	3	4.20	22.00
E500M5N08	5	0.80	58.0	11	5.00	4.00	7	3	4.20	22.00
E500M5X.9N01	5	0.90	58.0	11	5.00	4.00	7	3	4.10	22.00
E500M5X.9N02	5	0.90	58.0	11	5.00	4.00	7	3	4.10	22.00
E500M5X.9N03	5	0.90	58.0	11	5.00	4.00	7	3	4.10	22.00
E500M5.5X.9N01	5.5	0.90	62.0	12	5.60	4.50	7	3	4.60	21.00
E500M5.5X.9N02	5.5	0.90	62.0	12	5.60	4.50	7	3	4.60	21.00
E500M5.5X.9N03	5.5	0.90	62.0	12	5.60	4.50	7	3	4.60	21.00
E500M6N01	6	1.00	66.0	13	6.30	5.00	8	3	5.00	26.00
E500M6N02	6	1.00	66.0	13	6.30	5.00	8	3	5.00	26.00
E500M6N03	6	1.00	66.0	13	6.30	5.00	8	3	5.00	26.00
E500M6N06	6	1.00	66.0	13	6.30	5.00	8	3	5.00	26.00
E500M6N07	6	1.00	66.0	13	6.30	5.00	8	3	5.00	26.00
E500M6N08	6	1.00	66.0	13	6.30	5.00	8	3	5.00	26.00
E500M7N01	7	1.00	66.0	13	7.10	5.60	8	3	6.00	26.00
E500M7N02	7	1.00	66.0	13	7.10	5.60	8	3	6.00	26.00

Product	TDZ	TP	OAL	THL	DCON MS	WSC	LSC	NOF	PHD	LU
		[mm]	[mm]	[mm]	[mm]	[mm]	[mm]		[mm]	[mm]
E500M7N03	7	1.00	66.0	13	7.10	5.60	8	3	6.00	26.00
E500M7N06	7	1.00	66.0	13	7.10	5.60	8	3	6.00	26.00
E500M8N01	8	1.25	72.0	16	8.00	6.30	9	3	6.80	29.00
E500M8N02	8	1.25	72.0	16	8.00	6.30	9	3	6.80	29.00
E500M8N03	8	1.25	72.0	16	8.00	6.30	9	3	6.80	29.00
E500M8N06	8	1.25	72.0	16	8.00	6.30	9	3	6.80	29.00
E500M8N07	8	1.25	72.0	16	8.00	6.30	9	3	6.80	29.00
E500M8N08	8	1.25	72.0	16	8.00	6.30	9	3	6.80	29.00
E500M9N01	9	1.25	72.0	16	9.00	7.10	10	3	7.80	29.00
E500M9N02	9	1.25	72.0	16	9.00	7.10	10	3	7.80	29.00
E500M9N03	9	1.25	72.0	16	9.00	7.10	10	3	7.80	29.00
E500M9N06	9	1.25	72.0	16	9.00	7.10	10	3	7.80	29.00
E500M10N01	10	1.50	80.0	18	10.00	8.00	11	3	8.50	34.00
E500M10N02	10	1.50	80.0	18	10.00	8.00	11	3	8.50	34.00
E500M10N03	10	1.50	80.0	18	10.00	8.00	11	3	8.50	34.00
E500M10N06	10	1.50	80.0	18	10.00	8.00	11	3	8.50	34.00
E500M10N07	10	1.50	80.0	18	10.00	8.00	11	3	8.50	34.00
E500M10N08	10	1.50	80.0	18	10.00	8.00	11	3	8.50	34.00
E500M11N01	11	1.50	85.0	19	8.00	6.30	9	3	9.50	–
E500M11N02	11	1.50	85.0	19	8.00	6.30	9	3	9.50	–
E500M11N03	11	1.50	85.0	19	8.00	6.30	9	3	9.50	–
E500M11N06	11	1.50	85.0	19	8.00	6.30	9	3	9.50	–
E500M12N01	12	1.75	89.0	22	9.00	7.10	10	3	10.30	–
E500M12N02	12	1.75	89.0	22	9.00	7.10	10	3	10.30	–
E500M12N03	12	1.75	89.0	22	9.00	7.10	10	3	10.30	–
E500M12N06	12	1.75	89.0	22	9.00	7.10	10	3	10.30	–
E500M12N07	12	1.75	89.0	22	9.00	7.10	10	3	10.30	–
E500M12N08	12	1.75	89.0	22	9.00	7.10	10	3	10.30	–
E500M14N01	14	2.00	95.0	24	11.20	9.00	12	4	12.00	–
E500M14N02	14	2.00	95.0	24	11.20	9.00	12	4	12.00	–
E500M14N03	14	2.00	95.0	24	11.20	9.00	12	4	12.00	–
E500M14N06	14	2.00	95.0	24	11.20	9.00	12	4	12.00	–
E500M14N07	14	2.00	95.0	24	11.20	9.00	12	4	12.00	–
E500M14N08	14	2.00	95.0	24	11.20	9.00	12	4	12.00	–
E500M16N01	16	2.00	102.0	24	12.50	10.00	13	4	14.00	–
E500M16N02	16	2.00	102.0	24	12.50	10.00	13	4	14.00	–
E500M16N03	16	2.00	102.0	24	12.50	10.00	13	4	14.00	–
E500M16N06	16	2.00	102.0	24	12.50	10.00	13	4	14.00	–
E500M16N07	16	2.00	102.0	24	12.50	10.00	13	4	14.00	–
E500M16N08	16	2.00	102.0	24	12.50	10.00	13	4	14.00	–
E500M18N01	18	2.50	112.0	29	14.00	11.20	14	4	15.50	–
E500M18N02	18	2.50	112.0	29	14.00	11.20	14	4	15.50	–
E500M18N03	18	2.50	112.0	29	14.00	11.20	14	4	15.50	–
E500M18N06	18	2.50	112.0	29	14.00	11.20	14	4	15.50	–
E500M20N01	20	2.50	112.0	29	14.00	11.20	14	4	17.50	–
E500M20N02	20	2.50	112.0	29	14.00	11.20	14	4	17.50	–
E500M20N03	20	2.50	112.0	29	14.00	11.20	14	4	17.50	–
E500M20N06	20	2.50	112.0	29	14.00	11.20	14	4	17.50	–
E500M20N07	20	2.50	112.0	29	14.00	11.20	14	4	17.50	–
E500M20N08	20	2.50	112.0	29	14.00	11.20	14	4	17.50	–
E500M22N01	22	2.50	118.0	29	16.00	12.50	16	4	19.50	–
E500M22N02	22	2.50	118.0	29	16.00	12.50	16	4	19.50	–
E500M22N03	22	2.50	118.0	29	16.00	12.50	16	4	19.50	–
E500M22N06	22	2.50	118.0	29	16.00	12.50	16	4	19.50	–
E500M24N01	24	3.00	130.0	35	18.00	14.00	18	4	21.00	–
E500M24N02	24	3.00	130.0	35	18.00	14.00	18	4	21.00	–
E500M24N03	24	3.00	130.0	35	18.00	14.00	18	4	21.00	–
E500M24N06	24	3.00	130.0	35	18.00	14.00	18	4	21.00	–
E500M24N07	24	3.00	130.0	35	18.00	14.00	18	4	21.00	–
E500M27N01	27	3.00	135.0	35	20.00	16.00	20	4	24.00	–
E500M27N02	27	3.00	135.0	35	20.00	16.00	20	4	24.00	–
E500M27N03	27	3.00	135.0	35	20.00	16.00	20	4	24.00	–

Product	TDZ	TP	OAL	THL	DCON MS	WSC	LSC	NOF	PHD	LU
		[mm]	[mm]	[mm]	[mm]	[mm]	[mm]		[mm]	[mm]
E500M30NO1	30	3.50	138.0	41	20.00	16.00	20	4	26.50	–
E500M30NO2	30	3.50	138.0	41	20.00	16.00	20	4	26.50	–
E500M30NO3	30	3.50	138.0	41	20.00	16.00	20	4	26.50	–
E500M33NO1	33	3.50	151.0	41	22.40	18.00	22	4	29.50	–
E500M33NO2	33	3.50	151.0	41	22.40	18.00	22	4	29.50	–
E500M33NO3	33	3.50	151.0	41	22.40	18.00	22	4	29.50	–
E500M36NO1	36	4.00	162.0	47	25.00	20.00	24	4	32.00	–
E500M36NO2	36	4.00	162.0	47	25.00	20.00	24	4	32.00	–
E500M36NO3	36	4.00	162.0	47	25.00	20.00	24	4	32.00	–
E500M39NO1	39	4.00	170.0	47	28.00	22.40	26	4	35.00	–
E500M39NO2	39	4.00	170.0	47	28.00	22.40	26	4	35.00	–
E500M39NO3	39	4.00	170.0	47	28.00	22.40	26	4	35.00	–
E500M42NO1	42	4.50	170.0	53	28.00	22.40	26	6	37.50	–
E500M42NO2	42	4.50	170.0	53	28.00	22.40	26	6	37.50	–
E500M42NO3	42	4.50	170.0	53	28.00	22.40	26	6	37.50	–
E500M45NO1	45	4.50	187.0	54	31.50	25.00	28	6	40.50	–
E500M45NO2	45	4.50	187.0	54	31.50	25.00	28	6	40.50	–
E500M45NO3	45	4.50	187.0	54	31.50	25.00	28	6	40.50	–
E500M48NO1	48	5.00	187.0	60	31.50	25.00	28	6	43.00	–
E500M48NO2	48	5.00	187.0	60	31.50	25.00	28	6	43.00	–
E500M48NO3	48	5.00	187.0	60	31.50	25.00	28	6	43.00	–
E500M52NO3	52	5.00	200.0	60	35.50	28.00	31	6	47.00	–
E500M56NO3	56	5.50	200.0	60	35.50	28.00	31	6	50.50	–

[1] Supplied in 5H tolerance.