



E471



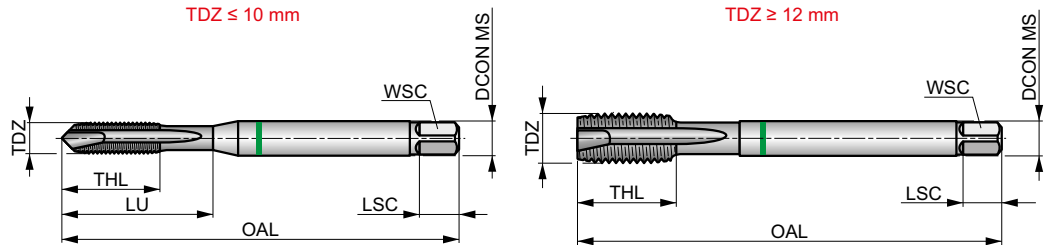
Green SHARK Spiral Point Metric Machine Tap, DIN Standard

Through hole tap with reinforced or reduced shank for non-ferrous materials. Unique HSS-E-PM substrate with polished flutes to avoid chip sticking, provide consistency and process security.

SHARK



	DIN 371/376	6H
	2.5xD	HSS-E PM
B 3.5-5		
Bright		



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

Product	TDZ	TP	OAL	THL	DCON MS	WSC	LSC	NOF	PHD	LU	Workpiece material group suitability and starting values for cutting speed (m/min)												
											P1.2	P1.3	P2.1	N1.1	N1.2	N1.3	N2.1	N2.2	N2.3	N3.1	N3.2	N3.3	N4.1
											■23	■24	■16	■16	■12	■8	■31	■28	■20	■51	■30	■15	■25
E471M3	3	0.50	56.0	9	3.50	2.70	6	2	2.50	18.00													
E471M4	4	0.70	63.0	12	4.50	3.40	6	2	3.30	21.00													
E471M5	5	0.80	70.0	13	6.00	4.90	8	2	4.20	25.00													
E471M6	6	1.00	80.0	15	6.00	4.90	8	3	5.00	30.00													
E471M8	8	1.25	90.0	18	8.00	6.20	9	3	6.80	35.00													
E471M10	10	1.50	100.0	20	10.00	8.00	11	3	8.50	39.00													
E471M12	12	1.75	110.0	23	9.00	7.00	10	3	10.30	–													
E471M16	16	2.00	110.0	25	12.00	9.00	12	4	14.00	–													
E471M20	20	2.50	140.0	30	16.00	12.00	15	4	17.50	–													



E472

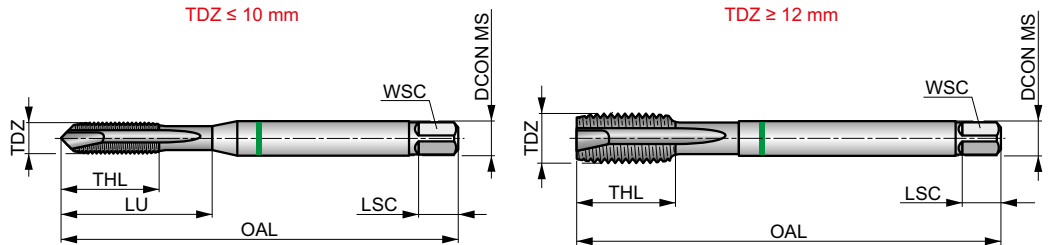


Green SHARK Spiral Point Metric Machine Tap, DIN Standard

High performance through hole tap with reinforced or reduced shank for non-ferrous materials. Unique HSS-E-PM substrate with Super-B coating to avoid chip sticking, providing superior performance, consistency and extended tool life.

SHARK

	DIN 371/376	6H
	2.5xD	HSS-E PM
B 3.5-5		



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

P1.1	P1.2	P1.3	P2.1	P2.2	N1.1	N1.2	N1.3	N2.1	N2.2	N2.3	N3.1	N3.2	N4.1
34	38	40	29	24	35	26	18	46	42	30	76	45	30

Product	TDZ	TP	OAL	THL	DCON MS	WSC	LSC	NOF	PHD	LU
E472M3	3	0.50	56.0	9	3.50	2.70	6	2	2.50	18.00
E472M4	4	0.70	63.0	12	4.50	3.40	6	2	3.30	21.00
E472M5	5	0.80	70.0	13	6.00	4.90	8	2	4.20	25.00
E472M6	6	1.00	80.0	15	6.00	4.90	8	3	5.00	30.00
E472M8	8	1.25	90.0	18	8.00	6.20	9	3	6.80	35.00
E472M10	10	1.50	100.0	20	10.00	8.00	11	3	8.50	39.00
E472M12	12	1.75	110.0	23	9.00	7.00	10	3	10.30	-
E472M16	16	2.00	110.0	25	12.00	9.00	12	4	14.00	-
E472M20	20	2.50	140.0	30	16.00	12.00	15	4	17.50	-



E473

DORMER

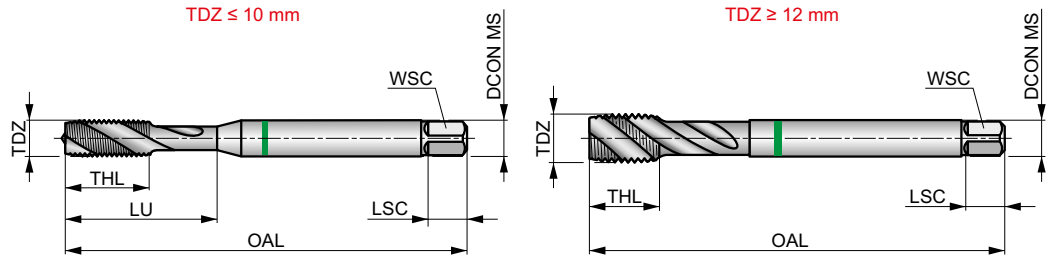


Green SHARK 35° Spiral Flute Metric Machine Tap, DIN Standard

Blind hole tap with reinforced or reduced shank for non-ferrous materials. Unique HSS-E-PM substrate with polished flutes provide consistency and process security.

SHARK

	DIN 371/376	6H
	2.5xD	HSS-E PM
		λ 35°
	Bright	



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

P1.2 ■ 22	P1.3 ■ 23	P2.1 ■ 15	N1.1 ■ 15	N1.2 ■ 11	N1.3 ■ 7	N2.1 ■ 29	N2.2 ■ 27	N2.3 ■ 19	N3.1 ■ 48	N3.2 ■ 28	N3.3 ■ 14	N4.1 ■ 24
---------------------	---------------------	---------------------	---------------------	---------------------	--------------------	---------------------	---------------------	---------------------	---------------------	---------------------	---------------------	---------------------

Product	TDZ	TP	OAL	THL	DCON MS	WSC	LSC	NOF	PHD	LU
E473M3	3	0.50	56.0	9	3.50	2.70	6	2	2.50	18.00
E473M4	4	0.70	63.0	12	4.50	3.40	6	2	3.30	21.00
E473M5	5	0.80	70.0	13	6.00	4.90	8	2	4.20	25.00
E473M6	6	1.00	80.0	15	6.00	4.90	8	2	5.00	30.00
E473M8	8	1.25	90.0	18	8.00	6.20	9	2	6.80	35.00
E473M10	10	1.50	100.0	20	10.00	8.00	11	2	8.50	39.00
E473M12	12	1.75	110.0	23	9.00	7.00	10	3	10.30	–
E473M16	16	2.00	110.0	25	12.00	9.00	12	3	14.00	–
E473M20	20	2.50	140.0	30	16.00	12.00	15	3	17.50	–



E474

DORMER

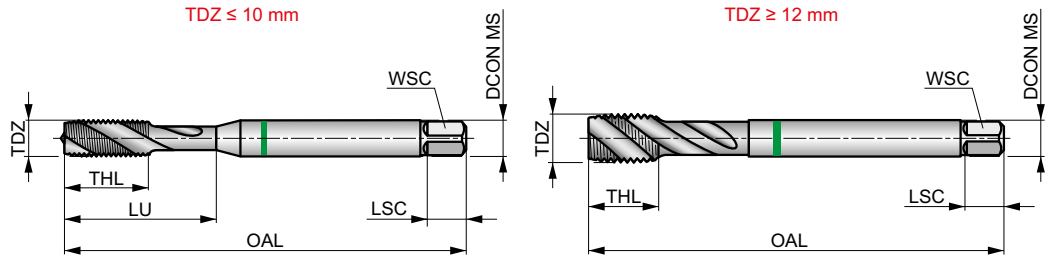


Green SHARK 35° Spiral Flute Metric Machine Tap, DIN Standard

High performance blind hole tap with reinforced or reduced shank for non-ferrous materials. Unique HSS-E-PM substrate with Super-B to avoid chip sticking, providing superior performance, consistency and extended tool life.

SHARK

M	DIN 371/376	6H
	2.5xD	HSS-E PM
C 2-3		λ 35°
R		



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

P1.1 32	P1.2 36	P1.3 38	P2.1 27	P2.2 22	N1.1 33	N1.2 24	N1.3 17	N2.1 44	N2.2 40	N2.3 28	N3.1 72	N3.2 43	N4.1 28
-------------------	-------------------	-------------------	-------------------	-------------------	-------------------	-------------------	-------------------	-------------------	-------------------	-------------------	-------------------	-------------------	-------------------

Product	TDZ	TP	OAL	THL	DCON MS	WSC	LSC	NOF	PHD	LU
E474M3	3	0.50	56.0	9	3.50	2.70	6	2	2.50	18.00
E474M4	4	0.70	63.0	12	4.50	3.40	6	2	3.30	21.00
E474M5	5	0.80	70.0	13	6.00	4.90	8	2	4.20	25.00
E474M6	6	1.00	80.0	15	6.00	4.90	8	2	5.00	30.00
E474M8	8	1.25	90.0	18	8.00	6.20	9	2	6.80	35.00
E474M10	10	1.50	100.0	20	10.00	8.00	11	2	8.50	39.00
E474M12	12	1.75	110.0	23	9.00	7.00	10	3	10.30	–
E474M16	16	2.00	110.0	25	12.00	9.00	12	3	14.00	–
E474M20	20	2.50	140.0	30	16.00	12.00	15	3	17.50	–