



E240



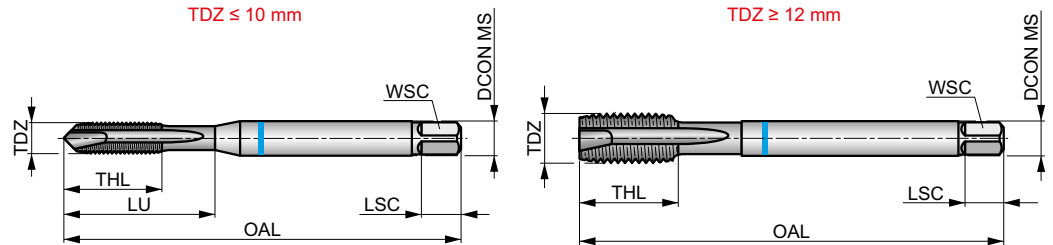
Blue SHARK Spiral Point Metric Machine Tap, DIN Standard

Through hole tap with reinforced or reduced shank for medium strength stainless steel. Unique HSS-E-PM substrate along with additional edge treatment provide consistency and process security. Steam tempered surface acts to retain cutting fluid and prevent chip to tool welding.

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).

P2.3 ■8	P3.3 ■10	P4.1 ■9	P4.2 ■7	M1.1 ■11	M1.2 ■9	M2.1 ■10	M2.2 ■8	M3.1 ■8	M3.2 ■7	M3.3 ■6	M4.1 ■5
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Products from this series are also available in set with drills. Please see L114.

Product	TDZ	TP	OAL	THL	DCON MS	WSC	LSC	NOF	PHD	LU
			[mm]	[mm]						
E240M3	3	0.50	56.0	9	3.50	2.70	6	3	2.50	18.00
E240M4	4	0.70	63.0	12	4.50	3.40	6	3	3.30	21.00
E240M5	5	0.80	70.0	13	6.00	4.90	8	3	4.20	25.00
E240M6	6	1.00	80.0	15	6.00	4.90	8	3	5.00	30.00
E240M8	8	1.25	90.0	18	8.00	6.20	9	3	6.80	35.00
E240M10	10	1.50	100.0	20	10.00	8.00	11	3	8.50	39.00
E240M12	12	1.75	110.0	23	9.00	7.00	10	4	10.30	—
E240M14	14	2.00	110.0	25	11.00	9.00	12	4	12.00	—
E240M16	16	2.00	110.0	25	12.00	9.00	12	4	14.00	—
E240M18	18	2.50	125.0	30	14.00	11.00	14	4	15.50	—
E240M20	20	2.50	140.0	30	16.00	12.00	15	4	17.50	—
E240M22	22	2.50	140.0	34	18.00	14.50	17	4	19.50	—
E240M24	24	3.00	160.0	38	18.00	14.50	17	4	21.00	—
E240M27	27	3.00	160.0	38	20.00	16.00	19	4	24.00	—
E240M30	30	3.50	180.0	45	22.00	18.00	21	4	26.50	—



E241

DORMER

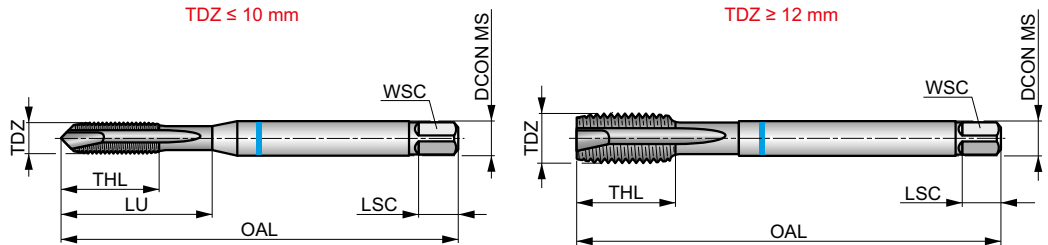


Blue SHARK Spiral Point Metric Machine Tap, DIN Standard

High performance through hole tap with reinforced or reduced shank for medium strength stainless steel. Unique HSS-E-PM substrate with Super-B coating and additional edge treatment 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).

P2.3	P3.3	P4.1	P4.2	M1.1	M1.2	M2.1	M2.2	M2.3	M3.1	M3.2	M3.3	M4.1	M4.2
■16	■14	■11	■9	■19	■16	■17	■14	■12	■12	■10	■9	■6	■5

Product	TDZ	TP	OAL	THL	DCON MS	WSC	LSC	NOF	PHD	LU
E241M3	3	0.50	56.0	9	3.50	2.70	6	3	2.50	18.00
E241M4	4	0.70	63.0	12	4.50	3.40	6	3	3.30	21.00
E241M5	5	0.80	70.0	13	6.00	4.90	8	3	4.20	25.00
E241M6	6	1.00	80.0	15	6.00	4.90	8	3	5.00	30.00
E241M8	8	1.25	90.0	18	8.00	6.20	9	3	6.80	35.00
E241M10	10	1.50	100.0	20	10.00	8.00	11	3	8.50	39.00
E241M12	12	1.75	110.0	23	9.00	7.00	10	4	10.30	-
E241M14	14	2.00	110.0	25	11.00	9.00	12	4	12.00	-
E241M16	16	2.00	110.0	25	12.00	9.00	12	4	14.00	-
E241M18	18	2.50	125.0	30	14.00	11.00	14	4	15.50	-
E241M20	20	2.50	140.0	30	16.00	12.00	15	4	17.50	-



E238

DORMER

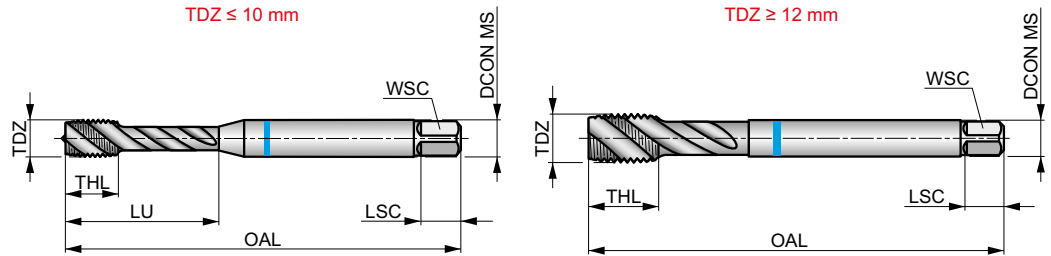


Blue SHARK 40° Spiral Flute Metric Machine Tap, DIN Standard

Blind hole tap with reinforced or reduced shank for medium strength stainless steel. Unique HSS-E-PM substrate, along with additional edge treatment, provide consistency and process security. Steam tempered surface acts to retain cutting fluid and prevent chip to tool welding.

SHARK

	DIN 371/376	6H
	2.5xD	HSS-E-PM
		λ 40°



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

P2.3 ■7	P3.3 ■9	P4.1 ■8	P4.2 ■7	M1.1 ■10	M1.2 ■8	M2.1 ■9	M2.2 ■7	M3.1 ■7	M3.2 ■6	M3.3 ■5	M4.1 ■4
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Products from this series are also available in set with drills. Please see L114.

Product	TDZ	TP	OAL	THL	DCON MS	WSC	LSC	NOF	PHD	LU
		[mm]	[mm]	[mm]	[mm]	[mm]	[mm]		[mm]	[mm]
E238M3	3	0.50	56.0	6	3.50	2.70	6	3	2.50	18.00
E238M4	4	0.70	63.0	7	4.50	3.40	6	3	3.30	21.00
E238M5	5	0.80	70.0	8	6.00	4.90	8	3	4.20	25.00
E238M6	6	1.00	80.0	10	6.00	4.90	8	3	5.00	30.00
E238M8	8	1.25	90.0	12	8.00	6.20	9	3	6.80	33.00
E238M10	10	1.50	100.0	15	10.00	8.00	11	3	8.50	39.00
E238M12	12	1.75	110.0	16	9.00	7.00	10	4	10.30	–
E238M14	14	2.00	110.0	20	11.00	9.00	12	4	12.00	–
E238M16	16	2.00	110.0	20	12.00	9.00	12	4	14.00	–
E238M18	18	2.50	125.0	25	14.00	11.00	14	4	15.50	–
E238M20	20	2.50	140.0	25	16.00	12.00	15	4	17.50	–
E238M22	22	2.50	140.0	25	18.00	14.50	17	4	19.80	–
E238M24	24	3.00	160.0	30	18.00	14.50	17	4	21.00	–
E238M27	27	3.00	160.0	30	20.00	16.00	19	4	24.00	–
E238M30	30	3.50	180.0	36	22.00	18.00	21	4	26.50	–



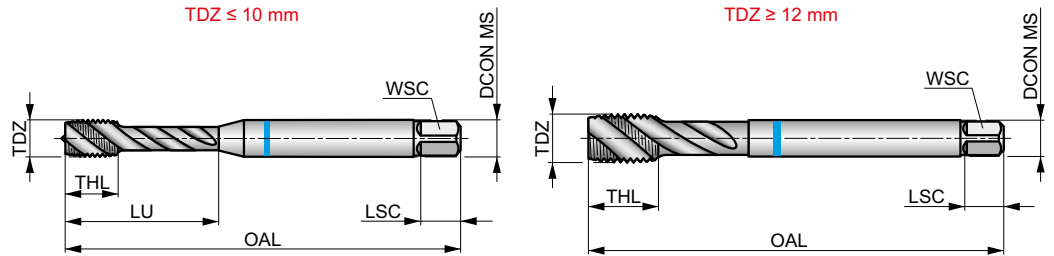
E239



Blue SHARK 40° Spiral Flute Metric Machine Tap, DIN Standard

High performance blind hole tap for medium strength stainless steel. Unique HSS-E-PM substrate with Super-B coating and additional edge treatment providing superior performance, consistency and extended tool life. Back taper on spiral flute taps facilitates chip evacuation and reduces torque when the tap reverses.

SHARK



M	DIN 371/376	6H
	2.5×D	HSS-E PM
C 2-3		λ 40°
R		Super B

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

P2.3 ▣15	P3.3 ▣13	P4.1 ▣10	P4.2 ▣8	M1.1 ■18	M1.2 ■15	M2.1 ■16	M2.2 ■13	M2.3 ▣11	M3.1 ■11	M3.2 ■9	M3.3 ■8	M4.1 ■5	M4.2 ▣4
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Product	TDZ	TP	OAL	THL	DCON MS	WSC	LSC	NOF	PHD	LU
E239M3	3	0.50	56.0	6	3.50	2.70	6	3	2.50	18.00
E239M4	4	0.70	63.0	7	4.50	3.40	6	3	3.30	21.00
E239M5	5	0.80	70.0	8	6.00	4.90	8	3	4.20	25.00
E239M6	6	1.00	80.0	10	6.00	4.90	8	3	5.00	30.00
E239M8	8	1.25	90.0	12	8.00	6.20	9	3	6.80	33.00
E239M10	10	1.50	100.0	15	10.00	8.00	11	3	8.50	39.00
E239M12	12	1.75	110.0	16	9.00	7.00	10	4	10.30	–
E239M14	14	2.00	110.0	20	11.00	9.00	12	4	12.00	–
E239M16	16	2.00	110.0	20	12.00	9.00	12	4	14.00	–
E239M20	20	2.50	140.0	25	16.00	12.00	15	4	17.50	–



E384

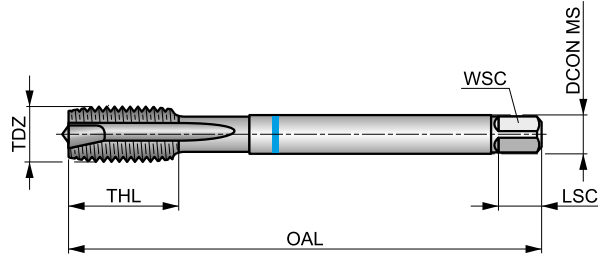
DORMER

Blue SHARK Spiral Point Metric-Fine Machine Tap, DIN Standard

Through hole tap with reinforced or reduced shank for medium strength stainless steel. Unique HSS-E-PM substrate along with additional edge treatment, provide consistency and process security. Steam tempered surface acts to retain cutting fluid and prevent chip to tool welding.



SHARK



MF	DIN 374	6H
2.5xD	HSS-E PM	
B 3.5-5		
ST		

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

P2.3 ■8	P3.1 ■15	P3.2 ■12	P3.3 ■10	P4.1 ■9	P4.2 ■7	P4.3 ■6	M1.1 ■11	M1.2 ■9	M2.1 ■10	M2.2 ■8	M2.3 ■7	M3.1 ■8	M3.2 ■7
M3.3 ■6	M4.1 ■5	M4.2 ■4											

Product	TDZ	TP	OAL	THL	DCON MS	WSC	LSC	NOF	PHD
		[mm]	[mm]	[mm]	[mm]	[mm]	[mm]		[mm]
E384M6X.75	6	0.75	80.0	15	4.50	3.40	6	3	5.30
E384M8X1.0	8	1.00	90.0	18	6.00	4.90	8	3	7.00
E384M10X1.0	10	1.00	90.0	20	7.00	5.50	8	3	9.00
E384M10X1.25	10	1.25	100.0	20	7.00	5.50	8	3	8.80
E384M12X1.0	12	1.00	100.0	21	9.00	7.00	10	4	11.00
E384M12X1.25	12	1.25	100.0	21	9.00	7.00	10	4	10.80
E384M12X1.5	12	1.50	100.0	21	9.00	7.00	10	4	10.50
E384M14X1.5	14	1.50	100.0	21	11.00	9.00	12	4	12.50
E384M16X1.5	16	1.50	100.0	21	12.00	9.00	12	5	14.50
E384M18X1.5	18	1.50	110.0	24	14.00	11.00	14	5	16.50
E384M20X1.5	20	1.50	125.0	24	16.00	12.00	15	5	18.50



E383

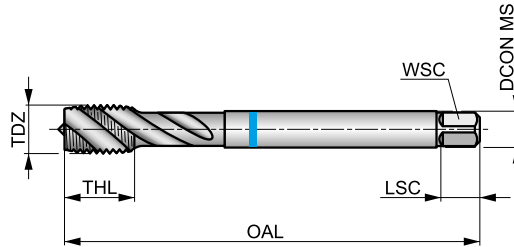
DORMER

Blue SHARK 40° Spiral Flute Metric-Fine Machine Tap, DIN Standard

Blind hole tap with reduced shank for medium strength stainless steel. Unique HSS-E-PM substrate along with additional edge treatment, provide consistency and process security. Steam tempered surface acts to retain cutting fluid and prevent chip to tool welding.



SHARK



	DIN 374	6H
	2xD	HSS-E PM
C 2-3		λ 40°
R	ST	

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

P2.3	P3.3	P4.1	P4.2	M1.1	M1.2	M2.1	M2.2	M3.1	M3.2	M3.3	M4.1
■7	■9	■8	■7	■10	■8	■9	■7	■7	■6	■5	■4

Product	TDZ	TP	OAL	THL	DCON MS	WSC	LSC	NOF	PHD
		[mm]	[mm]	[mm]	[mm]	[mm]	[mm]		[mm]
E383M6X.75	6	0.75	80.0	10	4.50	3.40	6	3	5.30
E383M8X1.0	8	1.00	90.0	13	6.00	4.90	8	3	7.00
E383M10X1.0	10	1.00	90.0	12	7.00	5.50	8	3	9.00
E383M10X1.25	10	1.25	100.0	15	7.00	5.50	8	3	8.80
E383M12X1.0	12	1.00	100.0	13	9.00	7.00	10	4	11.00
E383M12X1.25	12	1.25	100.0	13	9.00	7.00	10	4	10.80
E383M12X1.5	12	1.50	100.0	13	9.00	7.00	10	4	10.50
E383M14X1.5	14	1.50	100.0	21	11.00	9.00	12	4	12.50
E383M16X1.5	16	1.50	100.0	21	12.00	9.00	12	5	14.50
E383M18X1.5	18	1.50	110.0	24	14.00	11.00	14	5	16.50
E383M20X1.5	20	1.50	125.0	24	16.00	12.00	15	5	18.50



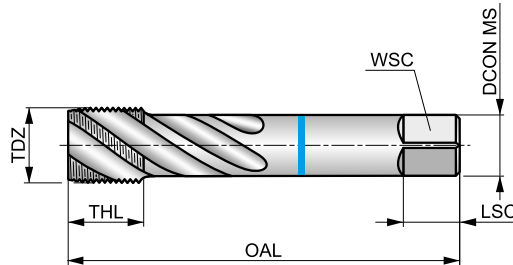
E382



Blue SHARK 40° Spiral Flute G(BSP) Machine Tap, DIN Standard

Blind hole tap with reduced shank for medium strength stainless steel. Unique HSS-E-PM substrate along with additional edge treatment, provide consistency and process security. Steam tempered surface acts to retain cutting fluid and prevent chip to tool welding.

SHARK



G	DIN 5156	Normal
	2xD	HSS-E PM
C 2-3		λ 40°
R		ST

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

Product	TDZ	TPI	TD	OAL	THL	DCON MS	WSC	LSC	NOF	PHD
			[mm]	[mm]	[mm]	[mm]	[mm]	[mm]		[mm]
E3821/8	1/8	28	9.730	90.0	12	7.00	5.50	8	3	8.80
E3821/4	1/4	19	13.160	100.0	15	11.00	9.00	12	4	11.80
E3823/8	3/8	19	16.660	100.0	15	12.00	9.00	12	4	15.25
E3821/2	1/2	14	20.960	125.0	24	16.00	12.00	15	4	19.00
E3823/4	3/4	14	26.440	140.0	20	20.00	16.00	19	4	24.50
E3821	1"	11	33.250	160.0	24	25.00	20.00	23	4	30.75