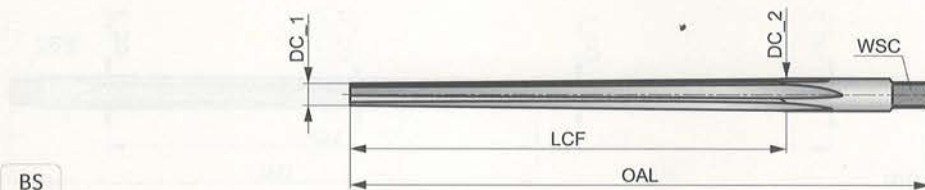


B301



HSS Straight Shank Taper Pin Hand Reamer 1:48 Taper, Bright and ST Finish

Designed to finish tapered holes to accept standard 1 to 48 ratio imperial taper pins. With a reduced small diameter, the tool easily locates and centers in the pre-drilled hole to improve accuracy and performance. Suitable for reaming in many materials.



HSS	Bright ST	BS 328
R		A
1:48		

Workpiece material group suitability, starting values for cutting speed (m/min) and feed Alpha Code. Tables with feed per revolution can be found starting from page 251.

P1.1	P1.2	P1.3	P2.1	P2.2	P2.3	P3.1	P3.2	P3.3	P4.1	P4.2	P4.3	M1.1	M1.2
M2.1	K1.1	K1.2	K1.3	K2.1	K2.2	K2.3	K3.1	K3.2	N1.1	N1.2	N1.3	N2.1	N2.2
N2.3	N3.1	N3.2	N3.3	N4.1	N4.2								

DC <= 1/4 limit of tolerance +0.0030; DC >= 9/32 limit of tolerance +0.0050.

Product	nom d	DC_1	DC_2	OAL	LCF	NOF	WSC	DCON MS
		(mm)	(mm)					
E3011/16	1/16	1.10	1.63	51.0	25.0	4	1.20	1.63
E3015/64	5/64	1.50	2.03	51.0	25.0	4	1.60	2.03
E3013/32	3/32	1.75	2.41	57.0	32.0	4	2.00	2.41
E3017/64	7/64	2.03	2.82	64.0	38.0	4	2.20	2.82
E3011/8	1/8	2.30	3.23	70.0	44.0	4	2.50	3.23
E3019/64	9/64	2.64	3.63	73.0	48.0	4	2.80	3.63
E3015/32	5/32	2.95	4.01	76.0	51.0	4	3.10	4.01
E30111/64	11/64	3.23	4.42	89.0	57.0	4	3.60	4.42
E3013/16	3/16	3.50	4.95	102.0	70.0	4	4.00	4.95
E3017/32	7/32	4.13	5.59	102.0	70.0	6	4.50	5.59
E3011/4	1/4	4.64	6.43	117.0	86.0	6	5.00	6.43
E3019/32	9/32	5.23	7.42	143.0	105.0	6	5.60	7.42
E3015/16	5/16	5.84	8.03	143.0	105.0	6	6.30	8.03
E30111/32	11/32	6.43	8.81	152.0	114.0	6	7.10	8.81
E3013/8	3/8	7.03	9.68	165.0	127.0	6	8.00	9.68
E30113/32	13/32	7.42	10.46	191.0	146.0	6	8.00	10.46
E3017/16	7/16	8.21	11.25	191.0	146.0	6	9.00	11.25
E3011/2	1/2	9.41	12.85	210.0	165.0	6	10.00	12.85