



HSS

Taper Shank Machine Reamers

Used to produce a close tolerance surface finish by enlarging pre-drilled holes to a finished size.
45° bevelled lead.
Manufactured to **BS 328-4**.

Diameter Metric	Tolerances (to H7)		Diameter Inch	Tolerance	
	Tolerance +	-		+	-
up to 3.00	0.008	0.004	up to 7/64"	0.0003	0.0001
Over 3.00 - up to 6.00	0.010	0.005	Over 7/64" - up to 15/64"	0.0004	0.0002
Over 6.00 - up to 10.00	0.012	0.006	Over 15/64" - up to 25/64"	0.0005	0.0002
Over 10.00 - up to 18.00	0.015	0.008	Over 25/64" - up to 43/64"	0.0006	0.0003
Over 18.00 - up to 30.00	0.017	0.009	Over 43/64" - up to 1"	0.0007	0.0004
Over 30.00 - up to 50.00	0.021	0.012	Over 1" - up to 1 1/2"	0.0008	0.0004
Over 50.00 - up to 80.00	0.025	0.014	Over 1 1/2" - up to 2"	0.0010	0.0005
Over 80.00 - up to 120.00	0.029	0.016			



Metric

Diameter (mm)	Flute Length	Overall Length	Morse Taper	Weight each	Order Code SHR-065
6.50	50.0	130.0	1		-2357H
8.50	58.0	138.0	1		-2361M
9.50	62.0	142.0	1		-2363P
10.50	66.0	144.0	1		-2365R
11.50	71.0	151.0	1		-2367T
14.50	81.0	181.0	2		-2374A
15.50	87.0	187.0	2		-2376C
16.50	87.0	187.0	2		-2378E
18.50	93.0	193.0	2		-2380S
19.50	100.0	200.0	2		-2381T
23.00	107.0	207.0	2		-2385M
27.00	124.0	251.0	3		-2389R
34.00	142.0	302.0	4		-2396Z
40.00	152.0	312.0	4		-2403F
45.00	163.0	323.0	4		-2408L
50.00	174.0	334.0	4		-2413R

Inch

Diameter (Inch)	Flute Length	Overall Length	Morse Taper	Weight each	Order Code SHR-065
1/8"	1 5/16"	4 7/16"	1		-2250A
3/16"	1 3/4"	4 7/8"	1	56g	-2254E
1/4"	2"	5 1/8"	1	64g	-2258J
5/32"	2 1/8"	5 1/4"	1		-2260L
3/16"	2 1/4"	5 3/8"	1	72g	-2262N
11/32"	2 1/2"	5 9/16"	1		-2264Q
3/8"	2 3/8"	5 3/4"	1	82g	-2266S
7/16"	2 13/16"	5 15/16"	1		-2270X
15/32"	3"	6 1/8"	1		-2272Z
3/4"	3"	6 1/8"	1		-2274A
7/8"	3"	6 1/8"	1	112g	-2275B
17/32"	3 3/16"	6 5/16"	1		-2277D
9/16"	3 3/8"	7 1/8"	2	215g	-2279F
19/32"	3 7/16"	7 3/8"	2		-2281H
5/8"	3 7/16"	7 3/8"	2	261g	-2283K
11/16"	3 11/16"	7 5/8"	2		-2287P
3/4"	3 15/16"	7 7/8"	2	339g	-2291T
13/16"	3 15/16"	7 7/8"	2		-2293W
7/8"	4 3/16"	8 1/8"	2	459g	-2295Y
1"	4 1/2"	9 1/2"	3	741g	-2300C
1 1/8"	4 7/8"	9 7/8"	3		-2302E

Taper Shank Extra Length Machine Reamers

Used to produce a close tolerance surface finish in drilled holes to allow the fitting of hardened and ground taper pins in the building of jigs, fixtures and dies.
Manufactured to **BS 328-4**.

HSS



Metric

Diameter (mm)	Flute Length	Overall Length	Morse Taper	Weight each	Order Code SHR-064
12.00	124.0	203.0	1		-2507H
12.00	175.0	254.0	1		-2508J
12.00	225.0	305.0	1		-2509K
16.00	205.0	305.0	2		-2511M

Inch

Diameter (mm)	Flute Length	Overall Length	Morse Taper	Order Code SHR-064
1/2"	4 7/8"	8"	1	-2450A
3/8"	6 7/8"	10"	1	-2452C
1/2"	6 7/8"	10"	1	-2454E
3/4"	8 1/16"	12"	2	-2456G

Straight Shank Hand Taper Pin Reamers

Used to produce a close tolerance surface finish in taper holes to allow the fitting of hardened and ground taper pins in the building of jigs, fixtures and dies.
Manufactured to **BS 328-4 and DIN 9A**.

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Diameter (mm)	Dia. Range min max	Flute Length	Overall Length	Weight each	Order Code SHR-065
3.00	2.9 4.06	58	80	7g	-2803D
4.00	3.9 5.26	38	93	9g	-2804E
5.00	4.9 6.36	73	100	48g	-2805F
6.00	5.9 8.00	105	135	38g	-2806G

Diameter (mm)	Dia. Range min max	Flute Length	Overall Length	Weight each	Order Code SHR-065
8.00	7.9 10.80	145	180	39g	-2807H
10.00	9.9 13.40	175	215	89g	-2808J
12.00	11.8 16.00	210	255	145g	-2809K

Diameter Metric	Tolerances	
	Tolerance +	-
Over 1.50 - up to 5.00	0.075	0.000
Over 5.00 - up to 20.00	0.125	0.000