



HSS

Straight Shank Machine Reamers

Left hand spiral flute, right hand cutting.
Manufactured to BS 328-4.

Diameter Metric	Tolerances (to H7)		Diameter Inch	Tolerance	
	High +	Low -		High +	Low -
up to 3.00	0.008	0.004	up to 1/8"	0.0003	0.0001
Over 3.00 - up to 6.00	0.010	0.005	Over 1/8" - up to 15/64"	0.0004	0.0002
Over 6.00 - up to 10.00	0.012	0.006	Over 15/64" - up to 3/8"	0.0005	0.0002
Over 10.00 - up to 18.00	0.015	0.008	Over 3/8" - up to 5/8"	0.0006	0.0003



Metric

Diameter (mm)	Flute Length	Overall Length	Weight each	Order Code SHR-065
7.50	54.0	107.0		-2230B

Inch

Diameter (Inch)	Flute Length	Overall Length	Weight each	Order Code SHR-065
7/16"	13/16"	13/4"		-2200A
3/32"	1 1/8"	2 1/4"		-2201B
5/32"	1 1/2"	3"		-2204E
13/64"	1 3/4"	3 7/16"		-2207H
13/32"	2 5/8"	5 1/4"		-2215R
7/16"	2 13/16"	5 5/8"		-2216S
9/16"	3 3/16"	6 7/16"		-2218V
5/8"	3 7/16"	6 7/8"		-2219J

Cobalt Straight Shank Chucking Reamers

Manufactured to DIN 212.

Diameter Metric	Tolerances (to H7)		Diameter Inch	Tolerance	
	High +	Low -		High +	Low -
up to 5.50	0.004	0.000	up to 7/32"	0.0001	0.0000
Over 5.50	0.005	0.000	Over 7/32"	0.0002	0.0000



HSS-E

Metric

Diameter (mm)	Flute Length	Overall Length	Weight each	Order Code SHR-065
2.50	14.0	57.0		-2657M
5.50	26.0	93.0		-2665G
7.00	31.0	109.0		-2666X
9.00	36.0	125.0		-2668Z
11.00	41.0	142.0		-2670B
18.00	56.0	182.0		-2677J

Inch

Diameter (Inch)	Flute Length	Overall Length	Weight each	Order Code SHR-065
1/8"	5/8"	2 9/16"	7g	-2604E
3/16"	2 9/32"	3 3/8"	12g	-2608J
1/4"	1 1/2"	3 3/32"	22g	-2612N
5/16"	1 9/32"	4 19/32"		-2616S
3/8"	1 1/2"	5 1/4"		-2620X
1/2"	1 23/32"	5 15/16"		-2628F

Straight Shank Parallel Hand Reamers

Used to produce a close tolerance surface finish by hand in almost any environment i.e. on site or in a workshop.
Manufactured to BS 328-4 and DIN 206B.

Diameter Metric	Tolerances		Diameter Inch	Tolerance	
	High +	Low -		High +	Low -
up to 3.00	0.008	0.007	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 1/8"	0.0007	0.0004
Over 30.00 - up to 50.00	0.021	0.012	Over 1 1/8" - up to 1 1/2"	0.0008	0.0004
			Over 1 1/2" - up to 2"	0.0010	0.0005



HSS

Diameter (mm)	Flute Length	Overall Length	Weight each	Order Code SHR-065
1.50	20.0	41.0	2g	-2100A
2.00	25.0	50.0	3g	-2103D
2.50	29.0	58.0	4g	-2105F
3.00	31.0	62.0	5g	-2107H
3.50	35.0	71.0	6g	-2109K
4.00	38.0	76.0	7g	-2110L
5.00	44.0	87.0	10g	-2112N
5.50	47.0	93.0	13g	-2113P
6.00	47.0	93.0	19g	-2114Q
6.50	50.0	100.0	23g	-2115R
7.00	54.0	107.0	26g	-2116S
8.00	58.0	115.0	38g	-2118V
9.00	62.0	124.0	56g	-2120X
10.00	66.0	133.0	69g	-2122Z
10.50	66.0	133.0	78g	-2124A

Diameter (Inch)	Flute Length	Overall Length	Weight each	Order Code SHR-065
11.00	71.0	142.0	91g	-2125B
12.00	76.0	152.0	114g	-2127D
13.00	76.0	152.0	133g	-2129F
14.00	81.0	163.0	163g	-2131H
15.00	81.0	163.0	187g	-2133K
16.00	87.0	175.0	237g	-2134L
18.00	93.0	188.0	319g	-2136N
19.00	93.0	188.0	336g	-2137P
20.00	100.0	201.0	348g	-2138Q
22.00	107.0	215.0	500g	-2140S
24.00	115.0	231.0	729g	-2142V
25.00	115.0	231.0	785g	-2143W
30.00	124.0	247.0	1200g	-2148B
40.00	152.0	305.0	2500g	-2158M



HSS Taper Shank Chucking Reamers - Metric

- For use on high performance CNC machines
- Left hand spiral flute
- Right hand cutting
- BS 328-4 and DIN 208

Metric

Diameter (mm)	Flute Length	Overall Length	Morse Taper	Diameter Tolerance	Order Code SHR-065
4	19	124	1	0.010 - 0.005	-2711E
6	26	138	1	0.010 - 0.005	-2713G
8	33	156	1	0.012 - 0.006	-2715J
10	38	168	1	0.012 - 0.006	-2717L
12	44	182	1	0.015 - 0.008	-2719N
14	47	189	1	0.015 - 0.008	-2721Q
16	52	210	2	0.015 - 0.008	-2723S
20	60	228	2	0.017 - 0.009	-2727X
25	68	268	3	0.017 - 0.021	-2730E

