

**GROUP 065 REAMERS - CHUCKING**

**SHERWOOD QUALITY CUTTING TOOLS** *Straight Shank Machine Reamers*

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

Diameter Metric	Tolerance	
	High +	Low -
up to 3.00	0.008	0.004
Over 3.00 ~ up to 6.00	0.010	0.005
Over 6.00 ~ up to 10.00	0.012	0.006
Over 10.00 ~ up to 18.00	0.015	0.008



**HSS**



Diameter (mm)	Flute Length	Overall Length	Weight each	Order Code SHR-065	Price/1 TB
1.50	21.0	44.0	3g	-2219X	1500.00
2.00	25.0	50.0	3g	-2220A	1300.00
2.50	29.0	58.0	3g	-2221B	1350.00
3.00	31.0	62.0	3g	-2222C	1050.00
3.50	33.0	66.0	4g	-2223D	1200.00
4.00	38.0	76.0	5g	-2224E	1050.00
4.50	41.0	81.0	6g	-2225F	1200.00
5.00	44.0	87.0	8g	-2226G	1050.00
5.50	47.0	93.0	12g	-2227H	1350.00
6.00	47.0	93.0	18g	-2228J	1200.00

Diameter (mm)	Flute Length	Overall Length	Weight each	Order Code SHR-065	Price/1 TB
7.00	54.0	107.0	17g	-2229K	1300.00
8.00	58.0	115.0	20g	-2230L	1450.00
9.00	62.0	124.0	31g	-2231M	1650.00
10.00	66.0	133.0	55g	-2232N	1800.00
11.00	71.0	142.0	69g	-2232R	2000.00
12.00	76.0	152.0	87g	-2233P	2300.00
13.00	78.0	152.0	97g	-2234Q	2600.00
14.00	81.0	163.0	184g	-2235R	3050.00
16.00	87.0	175.0	235g	-2236S	3800.00

**Cobalt Straight Shank Chucking Reamers**

Manufactured to **DIN 212**.

Diameter Metric	Tolerances (to H7)	
	Tolerance +	Tolerance -
up to 5.50	0.004	0.000
Over 5.50	0.005	0.000

**HSS-E**



Diameter (mm)	Flute Length	Overall Length	Weight each	Order Code SHR-065	Price/1 TB
2.00	11.0	49.0	3g	-2655K	1650.00
2.50	14.0	57.0	4g	-2657M	1485.00
3.00	15.0	61.0	5g	-2659P	1320.00
3.50	18.0	70.0	8g	-2661R	1320.00
4.00	19.0	75.0	9g	-2662S	1155.00
4.50	21.0	80.0	12g	-2663T	1250.00
5.00	23.0	86.0	14g	-2664V	1395.00
5.50	26.0	93.0	21g	-2665G	1410.00
6.00	26.0	93.0	25g	-2665W	1430.00
7.00	31.0	109.0	31g	-2666X	1430.00
8.00	33.0	117.0	41g	-2667Y	1595.00

Diameter (mm)	Flute Length	Overall Length	Weight each	Order Code SHR-065	Price/1 TB
9.00	36.0	125.0	56g	-2668Z	1650.00
10.00	38.0	133.0	73g	-2669A	1705.00
11.00	41.0	142.0	84g	-2670B	2200.00
12.00	44.0	151.0	90g	-2671C	2200.00
13.00	44.0	151.0	96g	-2672D	2310.00
14.00	47.0	160.0	101g	-2673E	2750.00
15.00	50.0	162.0	111g	-2674F	2970.00
16.00	52.0	170.0	117g	-2675G	2915.00
18.00	56.0	182.0	227g	-2677J	3520.00
20.00	60.0	195.0	450g	-2679L	3850.00

**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	Tolerance	
	+	-
up to 3.00	0.008	0.007
Over 3.00 ~ up to 6.00	0.010	0.005
Over 6.00 ~ up to 10.00	0.012	0.006
Over 10.00 ~ up to 18.00	0.015	0.008
Over 18.00 ~ up to 30.00	0.017	0.009
Over 30.00 ~ up to 50.00	0.021	0.012

**HSS**



Diameter (mm)	Flute Length	Overall Length	Weight each	Order Code SHR-065	Price/1 TB
1.50	20.0	41.0	2g	-2100A	2150.00
2.00	25.0	50.0	3g	-2103D	1255.00
2.50	29.0	58.0	4g	-2105F	1250.00
3.00	31.0	62.0	5g	-2107H	975.00
3.50	35.0	71.0	6g	-2109K	930.00
4.00	38.0	76.0	7g	-2110L	720.00
4.50	41.0	81.0	8g	-2111M	1035.00
5.00	44.0	87.0	10g	-2112N	760.00
5.50	47.0	93.0	13g	-2113P	1150.00
6.00	47.0	93.0	19g	-2114Q	800.00
6.50	50.0	100.0	23g	-2115R	1150.00
7.00	54.0	107.0	26g	-2116S	915.00
7.50	54.0	107.0	30g	-2117T	1200.00
8.00	58.0	115.0	38g	-2118V	915.00
8.50	58.0	115.0	43g	-2119W	1200.00
9.00	62.0	124.0	56g	-2120X	1300.00
9.50	62.0	124.0	59g	-2121Y	1525.00
10.00	66.0	133.0	69g	-2122Z	1075.00
10.50	66.0	133.0	78g	-2124A	1625.00
11.00	71.0	142.0	91g	-2125B	1610.00
11.50	71.0	142.0	100g	-2126C	1625.00

Diameter (mm)	Flute Length	Overall Length	Weight each	Order Code SHR-065	Price/1 TB
12.00	76.0	152.0	114g	-2127D	1210.00
12.50	76.0	152.0	121g	-2128E	1775.00
13.00	76.0	152.0	133g	-2129F	1510.00
13.50	81.0	163.0	163g	-2130G	2100.00
14.00	81.0	163.0	163g	-2131H	2150.00
14.50	90.0	162.0	190g	-2132J	2150.00
15.00	81.0	163.0	187g	-2133K	2200.00
15.50	87.0	175.0	212g	-2133Y	2850.00
16.00	87.0	175.0	237g	-2134L	1660.00
16.50	87.0	175.0	253g	-2134Z	2950.00
17.00	87.0	175.0	269g	-2135M	2475.00
17.50	93.0	188.0	294g	-2136A	3100.00
18.00	93.0	188.0	319g	-2136N	2475.00
19.00	93.0	188.0	336g	-2137P	2565.00
20.00	100.0	201.0	348g	-2138Q	2425.00
22.00	107.0	215.0	500g	-2140S	3635.00
24.00	115.0	231.0	729g	-2142V	4550.00
25.00	115.0	231.0	785g	-2143W	4750.00
30.00	124.0	247.0	1200g	-2148B	6200.00
40.00	152.0	305.0	2500g	-2158M	11560.00



**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**.

Tolerances (to H7)			
Diameter Metric	Tolerance		
	+	-	
up to 3.00	0.008	0.004	
Over 3.00 ~ up to 6.00	0.010	0.005	
Over 6.00 ~ up to 10.00	0.012	0.006	
Over 10.00 ~ up to 18.00	0.015	0.008	
Over 18.00 ~ up to 30.00	0.017	0.009	
Over 30.00 ~ up to 50.00	0.021	0.012	
Over 50.00 ~ up to 80.00	0.025	0.014	
Over 80.00 ~ up to 120.00	0.029	0.016	



**HSS**

**CUTTING TOOLS**



Diameter (mm)	Flute Length	Overall Length	Morse Taper	Weight each	Order Code SHR-065	Price/1 TB
3.00	33.0	112.0	1	52g	-2350A	4000.00
3.50	35.0	115.0	1	52g	-2351B	4000.00
4.00	38.0	117.0	1	52g	-2352C	3550.00
4.50	41.0	120.0	1	55g	-2353D	3550.00
5.00	44.0	124.0	1	56g	-2354E	3250.00
5.50	47.0	127.0	1	56g	-2355F	3250.00
6.00	47.0	127.0	1	58g	-2356G	3250.00
6.50	50.0	130.0	1	59g	-2357H	3400.00
7.00	54.0	134.0	1	64g	-2358J	3400.00
7.50	54.0	134.0	1	66g	-2359K	3400.00
8.00	58.0	138.0	1	67g	-2360L	3400.00
8.50	58.0	138.0	1	70g	-2361M	3550.00
9.00	62.0	142.0	1	72g	-2362N	3550.00
9.50	62.0	142.0	1	76g	-2363P	3550.00
10.00	66.0	144.0	1	79g	-2364Q	3550.00
10.50	66.0	144.0	1	81g	-2365R	3800.00
11.00	71.0	151.0	1	88g	-2366S	3800.00
11.50	71.0	151.0	1	96g	-2367T	3800.00
12.00	76.0	156.0	1	108g	-2368V	4300.00
12.50	76.0	156.0	1	111g	-2369W	4300.00
13.00	76.0	156.0	1	122g	-2370X	4300.00
13.50	81.0	161.0	1	130g	-2371Y	4300.00
14.00	81.0	163.0	1	126g	-2372Z	4750.00
14.50	81.0	181.0	2	200g	-2374A	4750.00
15.00	81.0	181.0	2	230g	-2375B	4750.00
15.50	87.0	187.0	2	245g	-2376C	2999.00
16.00	87.0	187.0	2	262g	-2377D	4900.00
16.50	87.0	187.0	2	270g	-2378E	4900.00

Diameter (mm)	Flute Length	Overall Length	Morse Taper	Weight each	Order Code SHR-065	Price/1 TB
17.00	87.0	187.0	2	273g	-2379F	5700.00
17.50	93.0	193.0	2	292g	-2379R	5700.00
18.00	93.0	193.0	2	305g	-2380G	6850.00
18.50	93.0	193.0	2	317g	-2380S	6850.00
19.00	93.0	193.0	2	323g	-2381H	6850.00
19.50	100.0	200.0	2	324g	-2381T	6850.00
20.00	100.0	200.0	2	350g	-2382J	6850.00
21.00	100.0	200.0	2	365g	-2383K	6950.00
21.50	107.0	207.0	2	392g	-2383W	11500.00
22.00	107.0	207.0	2	419g	-2384L	7250.00
23.00	107.0	207.0	2	467g	-2385M	7250.00
23.50	107.0	207.0	2	577g	-2385Y	13500.00
24.00	115.0	242.0	3	686g	-2386N	7250.00
25.00	115.0	242.0	3	740g	-2387P	7000.00
26.00	115.0	242.0	3	747g	-2388Q	7500.00
27.00	124.0	251.0	3	901g	-2389R	7750.00
28.00	124.0	251.0	3	884g	-2390S	7750.00
30.00	124.0	251.0	3	990g	-2392V	7850.00
32.00	133.0	293.0	4	1510g	-2394X	8850.00
33.00	133.0	293.0	4	1615g	-2395Y	9700.00
34.00	142.0	302.0	4	1726g	-2396Z	10650.00
35.00	142.0	302.0	4	1751g	-2398A	10650.00
38.00	152.0	312.0	4	2039g	-2401D	12800.00
39.00	170.0	320.0	4	2200g	-2402E	13450.00
40.00	152.0	312.0	4	2250g	-2403F	14500.00
45.00	163.0	323.0	4	2900g	-2408L	19500.00
50.00	174.0	334.0	4	3630g	-2413R	21100.00

**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**



Diameter (mm)	Flute Length	Overall Length	Morse Taper	Weight each	Order Code SHR-064	Price/1 TB
6.00	124.0	203.0	1	80g	-2500A	3700.00
8.00	124.0	203.0	1	103g	-2502C	3700.00
10.00	124.0	203.0	1	114g	-2504E	5900.00
10.00	175.0	254.0	1	129g	-2505F	7200.00
12.00	124.0	203.0	1	132g	-2507H	6600.00

Diameter (mm)	Flute Length	Overall Length	Morse Taper	Weight each	Order Code SHR-064	Price/1 TB
12.00	175.0	254.0	1	188g	-2508J	8250.00
12.00	225.0	305.0	1	228g	-2509K	8650.00
16.00	154.0	254.0	2	361g	-2510L	7500.00
16.00	205.0	305.0	2	411g	-2511M	8250.00

**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**.

**HSS**

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



Diameter (mm)	Dia. Range min	Dia. Range max	Flute Length	Overall Length	Weight each	Order Code SHR-065	Price/1 TB
1.50	1.4	2.40	37	57	4g	-2800A	2090.00
2.00	1.9	2.86	48	68	4g	-2801B	1325.00
2.50	2.4	3.36	48	68	5g	-2802C	1485.00
3.00	2.9	4.06	58	80	7g	-2803D	1210.00
4.00	3.9	5.26	38	93	9g	-2804E	1435.00
5.00	4.9	6.36	73	100	48g	-2805F	1545.00
6.00	5.9	8.00	105	135	38g	-2806G	1815.00

Diameter (mm)	Dia. Range min	Dia. Range max	Flute Length	Overall Length	Weight each	Order Code SHR-065	Price/1 TB
8.00	7.9	10.80	145	180	39g	-2807H	2200.00
10.00	9.9	13.40	175	215	89g	-2808J	3190.00
12.00	11.8	16.00	210	255	145g	-2809K	3630.00
13.00	12.8	16.74	210	255	295g	-2810L	4730.00
14.00	13.8	17.74	210	255	355g	-2811M	6600.00
16.00	15.8	20.40	230	280	475g	-2812N	7370.00
20.00	19.8	24.80	250	310	814g	-2813P	10850.00

**PRODUCTS ARE ONLY AVAILABLE VIA YOUR DISTRIBUTOR**