



## Straight Shank Machine Reamers

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

Diameter Metric	Tolerance		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

Diameter (mm)	Flute Length	Overall Length	Weight each	Order Code SHR-065	Price/1 THB
1.50	21.0	44.0	3g	-2219X	1500.00
2.00	25.0	50.0	3g	-2220A	1620.00
2.50	29.0	58.0	3g	-2221B	1680.00
3.00	31.0	62.0	3g	-2222C	1310.00
3.50	33.0	66.0	4g	-2223D	1500.00
4.00	38.0	76.0	5g	-2224E	1310.00
4.50	41.0	81.0	6g	-2225F	1540.00
5.00	44.0	87.0	8g	-2226G	1340.00
5.50	47.0	93.0	12g	-2227H	1680.00
6.00	47.0	93.0	18g	-2228J	1540.00
7.00	54.0	107.0	17g	-2229K	1620.00
8.00	58.0	115.0	20g	-2230L	1850.00
9.00	62.0	124.0	31g	-2231M	2050.00
10.00	66.0	133.0	55g	-2232N	2310.00
11.00	71.0	142.0	69g	-2232R	2480.00
12.00	76.0	152.0	87g	-2233P	2950.00
13.00	78.0	152.0	97g	-2234Q	3330.00
14.00	81.0	163.0	184g	-2235R	3800.00
16.00	87.0	175.0	235g	-2236S	4870.00



**HSS**

Diameter (Inch)	Flute Length	Overall Length	Weight each	Order Code SHR-065	Price/1 THB
1/8"	1 5/16"	2 5/8"	4g	-2202C	2830.00
3/16"	1 3/4"	3 7/16"	13g	-2206G	2920.00
7/32"	1 7/8"	3 1/16"	19g	-2208J	540.00
1/4"	2"	3 15/16"	37g	-2210L	2990.00
9/32"	2 1/8"	4 3/16"	40g	-2211M	4320.00
5/16"	2 1/4"	4 1/2"	55g	-2212N	4130.00
3/8"	2 5/8"	5 1/4"	96g	-2214Q	4110.00
1/2"	3"	6"	148g	-2217T	5100.00

## Cobalt Straight Shank Chucking Reamers

Manufactured to **DIN 212**.

Diameter Metric	Tolerance		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**

Diameter (mm)	Flute Length	Overall Length	Weight each	Order Code SHR-065	Price/1 THB
2.00	11.0	49.0	3g	-2655K	1640.00
3.00	15.0	61.0	5g	-2659P	1310.00
3.50	18.0	70.0	8g	-2661R	1310.00
4.00	19.0	75.0	9g	-2662S	1150.00
5.00	23.0	86.0	14g	-2664V	1390.00
6.00	26.0	93.0	25g	-2665W	1420.00
8.00	33.0	117.0	41g	-2667Y	1580.00
10.00	38.0	133.0	73g	-2669A	1690.00
12.00	44.0	151.0	90g	-2671C	2190.00

Diameter (Inch)	Flute Length	Overall Length	Weight each	Order Code SHR-065	Price/1 THB
13.00	44.0	151.0	96g	-2672D	2300.00
14.00	47.0	160.0	101g	-2673E	2730.00
15.00	50.0	162.0	111g	-2674F	3880.00
16.00	52.0	170.0	117g	-2675G	2900.00
20.00	60.0	195.0	450g	-2679L	5030.00

## 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		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 1/8"	0.0007	0.0004
Over 30.00 ~ up to 50.00	0.021	0.012	Over 1/8" ~ up to 1/2"	0.0008	0.0004
			Over 1/2" ~ up to 2"	0.0010	0.0005



**HSS**

Diameter (mm)	Flute Length	Overall Length	Weight each	Order Code SHR-065	Price/1 THB
1.50	20.0	41.0	2g	-2100A	2247.00
2.00	25.0	50.0	3g	-2103D	1313.00
2.50	29.0	58.0	4g	-2105F	1313.00
3.00	31.0	62.0	5g	-2107H	1019.00
3.50	35.0	71.0	6g	-2109K	966.00
4.00	38.0	76.0	7g	-2110L	756.00
5.00	44.0	87.0	10g	-2112N	798.00
5.50	47.0	93.0	13g	-2113P	1208.00
6.00	47.0	93.0	19g	-2114Q	830.00
6.50	50.0	100.0	23g	-2115R	1208.00
7.00	54.0	107.0	26g	-2116S	956.00
8.00	58.0	115.0	38g	-2118V	956.00
9.00	62.0	124.0	56g	-2120X	1355.00
10.00	66.0	133.0	69g	-2122Z	1124.00
10.50	66.0	133.0	78g	-2124A	1701.00

Diameter (Inch)	Flute Length	Overall Length	Weight each	Order Code SHR-065	Price/1 THB
11.00	71.0	142.0	91g	-2125B	1691.00
12.00	76.0	152.0	114g	-2127D	1260.00
13.00	76.0	152.0	133g	-2129F	1586.00
14.00	81.0	163.0	163g	-2131H	2247.00
15.00	81.0	163.0	187g	-2133K	2300.00
16.00	87.0	175.0	237g	-2134L	1943.00
18.00	93.0	188.0	319g	-2136N	2583.00
19.00	93.0	188.0	336g	-2137P	2678.00
20.00	100.0	201.0	348g	-2138Q	2846.00
22.00	107.0	215.0	500g	-2140S	4074.00
24.00	115.0	231.0	729g	-2142V	4746.00
25.00	115.0	231.0	785g	-2143W	4967.00
30.00	124.0	247.0	1200g	-2148B	6479.00
40.00	152.0	305.0	2500g	-2158M	13587.00