



HSS Jobber Drills - Metric - Steam Tempered

General purpose drills for steels, cast steel, grey cast iron, malleable cast iron, nickel brass, aluminium alloy and graphite. Point angle: 118°, helix angle: normal, web thickness: standard, relief angle: 10° - 20°, tolerance of diameter: h8, tolerance of shank: f11. Manufactured to BS 328/DIN338RN.

HSS**METRIC****INCH**

Black Finish (W-Finish)

This is the most common surface finish and is the result of a steam tempering operation in which steam is passed over the product during a controlled tempering cycle, producing a black oxide layer. Black tools are generally recommended for ferrous applications where the oxide layer aids chip flow, helps to dissipate heat by retaining some coolant on the tool surface and also helps to prevent the tool from staining.

For Bright Finish Jobber Drills see page 27



For Dimensions

See Pages 22 - 23

Series J100 - Metric

**PRICED
PER 10**

Dia. (mm)	Order Code SHR-025	Price/1 THB
0.25	-0010X	680.00
0.30	-0012A	680.00
0.35	-0014F	700.00
0.40	-0016L	580.00
0.42	-0017N	465.00
0.45	-0018P	540.00
0.50	-0020R	440.00
0.55	-0022T	500.00
0.58	-0023V	750.00
0.60	-0024W	480.00
0.65	-0026Y	460.00
0.70	-0028A	393.00
0.72	-0029B	520.00
0.75	-0030C	373.00
0.78	-0031D	640.00
0.80	-0032E	302.00
0.82	-0033F	302.00
0.85	-0034G	400.00
0.88	-0035H	580.00
0.90	-0036J	393.00
0.95	-0038L	373.00
0.98	-0039M	540.00
1.00	-0040N	242.00
1.05	-0041P	510.00
1.10	-0042Q	322.00
1.15	-0043R	480.00
1.20	-0044S	252.00
1.25	-0045T	373.00
1.30	-0046V	282.00
1.35	-0047W	383.00
1.40	-0048X	272.00
1.45	-0049Y	363.00
1.50	-0050N	211.00
1.55	-0051A	342.00
1.60	-0052B	211.00
1.65	-0053C	342.00
1.70	-0054D	222.00
1.75	-0055E	342.00
1.80	-0056F	222.00
1.85	-0057G	342.00
1.90	-0058H	222.00
1.95	-0059J	342.00
2.00	-0060K	191.00
2.05	-0061L	292.00
2.10	-0062M	222.00
2.15	-0063N	363.00
2.20	-0064P	222.00
2.25	-0065Q	342.00
2.30	-0066R	222.00
2.35	-0067S	342.00
2.40	-0068T	222.00
2.45	-0069V	342.00
2.50	-0070W	191.00
2.55	-0071X	342.00
2.60	-0072Y	222.00
2.65	-0073N	332.00
2.70	-0074A	222.00
2.75	-0075B	332.00
2.80	-0076C	222.00
2.85	-0077D	373.00
2.90	-0078E	201.00
2.95	-0079F	342.00
3.00	-0080G	201.00
3.10	-0081H	233.00
3.15	-0082J	381.00
3.20	-0083K	233.00
3.25	-0084L	359.00

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Dia. (mm)	Order Code SHR-025	Price/1 THB
3.30	-0085M	222.00
3.40	-0086N	233.00
3.45	-0087D	381.00
3.50	-0087P	244.00
3.60	-0088Q	275.00
3.65	-0089D	286.00
3.70	-0089R	254.00
3.75	-0090S	275.00
3.80	-0091T	275.00
3.90	-0092V	275.00
4.00	-0093W	244.00
4.05	-0094L	317.00
4.10	-0094X	317.00
4.20	-0095Y	307.00
4.25	-0096N	494.00
4.30	-0097A	328.00
4.40	-0098B	317.00
4.50	-0099C	286.00
4.60	-0100D	349.00
4.70	-0101E	359.00
4.75	-0102F	557.00
4.80	-0103G	370.00
4.85	-0103X	392.00
4.90	-0104H	402.00
5.00	-0105J	338.00
5.10	-0106K	402.00
5.20	-0107L	413.00
5.25	-0108M	452.00
5.30	-0109N	431.00
5.40	-0110P	431.00
5.50	-0111Q	452.00
5.60	-0112R	525.00
5.70	-0113S	525.00
5.75	-0114T	525.00
5.80	-0115V	536.00
5.90	-0116W	546.00
6.00	-0117X	473.00
6.10	-0118Y	588.00
6.20	-0119N	599.00
6.25	-0120A	872.00
6.30	-0121B	620.00
6.40	-0122C	630.00
6.50	-0123D	683.00
6.60	-0124E	746.00
6.70	-0125F	746.00
6.75	-0126G	1092.00
6.80	-0127H	777.00
6.90	-0128J	777.00
7.00	-0129K	746.00
7.10	-0130L	809.00
7.20	-0131M	809.00
7.30	-0133P	840.00
7.40	-0134Q	861.00
7.50	-0135R	840.00
7.60	-0136S	882.00
7.70	-0137T	935.00
7.80	-0139W	998.00
7.90	-0140X	1061.00
8.00	-0141Y	914.00
8.10	-0142N	1029.00
8.20	-0143A	1092.00
8.25	-0144B	1239.00
8.30	-0145C	1166.00
8.40	-0146D	1166.00
8.50	-0147E	1124.00

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PER 10**

Dia. (mm)	Order Code SHR-025	Price/1 THB
8.60	-0148F	1428.00
8.70	-0149G	1491.00
8.75	-0150H	1554.00
8.80	-0151J	1428.00
8.90	-0152K	1365.00
9.00	-0153L	1302.00
9.10	-0154M	1491.00
9.20	-0155N	1554.00
9.30	-0157Q	1680.00
9.40	-0158R	1712.00
9.50	-0159S	1554.00
9.60	-0160T	1764.00
9.70	-0161V	1785.00
9.75	-0162W	2174.00
9.80	-0163X	1806.00
9.90	-0164Y	1827.00
10.00	-0165N	1649.00
10.10	-0166A	1911.00
10.20	-0167B	1985.00
10.25	-0168C	2657.00
10.30	-0169D	2016.00
10.40	-0170E	2090.00
10.50	-0171F	1764.00
10.60	-0172G	2237.00
10.70	-0173H	2237.00
10.80	-0175K	2237.00
10.90	-0176L	2310.00
11.00	-0177M	1922.00
11.10	-0178N	2373.00
11.20	-0179P	2436.00
11.30	-0181R	2499.00
11.40	-0182S	2562.00
11.50	-0183T	2174.00
11.60	-0184V	2625.00
11.70	-0185W	2688.00
11.80	-0187Y	2762.00
11.90	-0188N	2825.00
12.00	-0189A	2331.00
12.10	-0190B	3686.00
12.20	-0191C	3707.00
12.25	-0192D	4011.00
12.30	-0193E	3906.00
12.40	-0194F	3969.00
12.50	-0195G	2720.00
12.60	-0196H	4106.00
12.70	-0197J	3329.00
12.80	-0199L	4484.00
12.90	-0200M	4547.00
13.00	-0201N	2720.00
13.10	-0202P	494.00
13.20	-0203Q	473.00
13.30	-0205S	504.00
13.50	-0207V	413.00
13.60	-0208W	546.00
13.70	-0209X	546.00
13.80	-0211N	557.00
13.90	-0212A	567.00
14.00	-0213B	431.00

**PRICED
PER 1**
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PER 1**

Series J100 - Inch

**PRICED
PER 10**

Dia. (Inch)	Order Code SHR-025	Price/1 THB
1/64"	-0001A	515.00
1/32"	-0001B	317.00
1/16"	-0001D	211.00
5/64"	-0001E	254.00
3/32"	-0001F	211.00
7/64"	-0001G	201.00
1/8"	-0001H	201.00
9/64"	-0001J	254.00
5/32"	-0001K	254.00
11/64"	-0001L	317.00
3/16"	-0001M	317.00
13/64"	-0001N	381.00
7/32"	-0001P	420.00
15/64"	-0001Q	473.00
1/4"	-0001R	620.00
17/64"	-0001S	704.00
9/32"	-0001T	861.00
19/64"	-0001V	893.00
5/16"	-0001W	1008.00
21/64"	-0001X	1271.00
11/32"	-0001Y	1376.00
23/64"	-0001Z	1491.00
3/8"	-0002A	1775.00
25/64"	-0002B	1880.00
13/32"	-0002C	1974.00
27/64"	-0002D	2184.00
7/16"	-0002E	2216.00
29/64"	-0002F	2247.00
15/32"	-0002G	2531.00
31/64"	-0002H	3077.00
1/2"	-0002J	3090.00