



HSS-Co 8% Weldon Shank End Mills 4 & 6 Flute

Centre cutting. Weldon shank to **DIN 1835B**.
 Shank cutting diameter
 3 - 6mm to +0.04 -0.0.
 8 - 20mm to +0.05 -0.0.

HSS-Co 8%

TiCN TiALN

HSS-Co 8% Uncoated For general production machining.

HSS-Co 8% TiCN Coated Extends cutter tool life and improves work material surface finish.

HSS-Co 8% TiALN Coated Dissipates and resists heat, reduces surface friction coupled with high surface hardness.



Series 09 Regular Series Dimensions to DIN 844

Diameter (mm)	Flute Length	Shank Diameter	Overall Length	No. of Flutes	Weight per 10	EMH-4WR HSS-Co 8%		EMN-4WR TiCN Coated		EML-4WR TiALN Coated	
						Order Code SWT-163	Price/1 THB	Order Code SWT-163	Price/1 THB	Order Code SWT-163	Price/1 THB
2.00	7.0	6.0	51.0	4	108g	-0902A	903.00	-0932A	1145.00	-0962A	1197.00
3.00	8.0	6.0	52.0	4	111g	-0903A	903.00	-0933A	1145.00	-0963A	1197.00
4.00	11.0	6.0	55.0	4	117g	-0904A	903.00	-0934A	1145.00	-0964A	1197.00
5.00	13.0	6.0	57.0	4	126g	-0905A	1092.00	-0935A	1292.00	-0965A	1344.00
6.00	13.0	6.0	57.0	4	133g	-0906A	903.00	-0936A	1145.00	-0966A	1197.00
7.00	16.0	10.0	66.0	4	332g	-0907A	1145.00	-	-	-	-
8.00	19.0	10.0	69.0	4	375g	-0908A	1092.00	-0938A	1586.00	-0968A	1638.00
9.00	19.0	10.0	69.0	4	-	-0909A	1092.00	-	-	-	-
10.00	22.0	10.0	72.0	4	423g	-0910A	1250.00	-0940A	1691.00	-0970A	1691.00
11.00	22.0	12.0	79.0	4	-	-0911A	1397.00	-	-	-	-
12.00	26.0	12.0	83.0	4	688g	-0912A	1397.00	-0942A	1838.00	-0972A	1890.00
13.00	26.0	12.0	83.0	4	-	-0913A	1743.00	-	-	-	-
14.00	26.0	12.0	83.0	4	725g	-0914A	1743.00	-0944A	2100.00	-0974A	2184.00
15.00	26.0	12.0	83.0	4	-	-0915A	1932.00	-	-	-	-
16.00	32.0	16.0	92.0	4	1037g	-0916A	1932.00	-0946A	2394.00	-0976A	2436.00
17.00	32.0	16.0	92.0	4	-	-0917A	2436.00	-	-	-	-
18.00	32.0	16.0	92.0	4	1390g	-0918A	2436.00	-0948A	3507.00	-0978A	2436.00
19.00	32.0	16.0	92.0	4	-	-0919A	2930.00	-	-	-	-
20.00	38.0	20.0	104.0	4	2114g	-0920A	2930.00	-0950A	3770.00	-0980A	3770.00
25.00	45.0	25.0	121.0	6	2400g	(1) -0925A	5261.00	(2) -0955A	6164.00	(3) -0985A	6164.00

(1) EMH-6WR HSS-Co 8%

(2) EMN-6WR TiCN Coated

(3) EML-6WR TiALN Coated

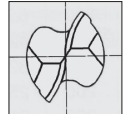
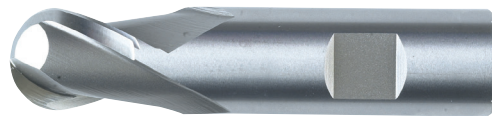


Series 10 Long Series Dimensions to DIN 844

Diameter (mm)	Flute Length	Shank Diameter	Overall Length	No. of Flutes	Weight per 5	EMH-4WL HSS-Co 8%		EMN-4WL TiCN Coated		EML-4WL TiALN Coated	
						Order Code SWT-163	Price/1 THB	Order Code SWT-163	Price/1 THB	Order Code SWT-163	Price/1 THB
3.00	12.0	6.0	56.0	4	55g	-1003A	1092.00	-1033A	1344.00	-1063A	1397.00
4.00	19.0	6.0	63.0	4	61g	-1004A	1092.00	-1034A	1397.00	-1064A	1397.00
5.00	24.0	6.0	68.0	4	67g	-1005A	1092.00	-1035A	1397.00	-1065A	1397.00
6.00	24.0	6.0	68.0	4	74g	-1006A	1145.00	-1036A	1439.00	-1066A	1397.00
8.00	38.0	10.0	88.0	4	215g	-1008A	1292.00	-1038A	1785.00	-1068A	1838.00
10.00	45.0	10.0	95.0	4	260g	-1010A	1397.00	-1040A	1890.00	-1070A	1890.00
12.00	53.0	12.0	110.0	4	408g	-1012A	1691.00	-1042A	2132.00	-1072A	2132.00
14.00	53.0	12.0	110.0	4	471g	-1014A	2132.00	-	-	-1074A	2730.00
16.00	63.0	16.0	123.0	4	806g	-1016A	2583.00	-1046A	3224.00	-1076A	3224.00
20.00	75.0	20.0	141.0	4	1433g	-1020A	3833.00	-1050A	4862.00	-1080A	4862.00

HSS-Co 8% Weldon Shank Ball Nose Slot Drills 2 Flute

Centre cutting. Weldon shank to **DIN 1835B**.
 Cutting diameter to **e8**.
 Shank diameter to **h6**.



Series 11 Short Series Dimensions to DIN 327

Diameter (mm)	Flute Length	Shank Diameter	Overall Length	Weight per 5	SBH-2WS HSS-Co 8%	
					Order Code SWT-163	Price/1 THB
2.00	5.0	6.0	49.0	52g	-1102A	1691.00
3.00	5.0	6.0	49.0	54g	-1103A	1691.00
4.00	7.0	6.0	51.0	55g	-1104A	1691.00
5.00	8.0	6.0	52.0	58g	-1105A	1691.00
6.00	8.0	6.0	52.0	60g	-1106A	1691.00
8.00	11.0	10.0	61.0	170g	-1108A	1838.00
10.00	13.0	10.0	63.0	188g	-1110A	2037.00
12.00	16.0	12.0	73.0	306g	-1112A	2489.00
16.00	19.0	16.0	79.0	535g	-1116A	3224.00
20.00	22.0	20.0	88.0	944g	-1120A	3927.00