

## HSS M2 Fully Ground Spiral Flute Taps

List No. SF02W02R - HSS Stright Flute Plug Taps



### Features

- \* The taps have continuous fast spiral flutes to lift and discharge chips from deep blind holes
- \* Precision ground to insure concentricity of tip & body
- \* Fully ground smooth flutes & surface treated for effective chip flow
- \* Premium quality HSS, special heat treatment to remain sharper cut, & reduce wear
- \* Penetrates faster with less pressure
- \* All dimensional & element tolerances conform to ASME/ANSI B94.11M

### Application

Spiral flute taps are ideal for machine tapping deep blind holes in all kinds of materials

### Sizes available:

Number #4 - #12; Fractional 1/4" to 1-1/2"; Metric M2 to M52

Customer Sets and Customer surface finish are available

**Material:** M2 in stock, and M35, M42 cobalt available as custom requests

### Gauge Series

Size	OAL	FL	SF02W02
4-40NC	1-7/8	9/16	RN04
4-48NF	1-7/8	9/16	RN04F
5-40NC	1-15/16	5/8	RN05
5-44NF	1-15/16	5/8	RN05F
6-32NC	2	11/16	RN06
6-40NF	2	11/16	RN06F

Size	OAL	FL	SF02W02
8-32NC	2-1/8	3/4	RN08
8-36NF	2-1/8	3/4	RN08F
10-24NC	2-3/8	7/8	RN10
10-32NF	2-3/8	7/8	RN10F
12-24NC	2-3/8	15/16	RN12
12-28NF	2-3/8	15/16	RN12F

### Imperial Size Series

Size	OAL	FL	SF02W02
1/4-20NC	2-1/2	1	R016
1/4-28NF	2-1/2	1	R016F
5/16-18NC	2-23/32	1-1/8	R020
5/16-24NF	2-23/32	1-1/8	R020F
3/8-16NC	2-15/16	1-1/4	R024
3/8-24NF	2-15/16	1-1/4	R024F
7/16-14NC	3-5/32	1-7/16	R028
7/16-20NF	3-5/32	1-7/16	R028F
1/2-13NC	3-3/8	1-21/32	R032
1/2-20NF	3-3/8	1-21/32	R032F
9/16-12NC	3-19/32	1-21/32	R036
9/16-18NF	3-19/32	1-21/32	R036F
5/8-11NC	3-13/16	1-13/16	R040
5/8-18NF	3-13/16	1-13/16	R040F
11/16-11UN	4-1/32	1-13/16	R044N11
11/16-16UN	4-1/32	1-13/16	R044N16

Size	OAL	FL	SF02W02
3/4-10NC	4-1/4	2	R048
3/4-16NF	4-1/4	2	R048F
7/8-9NC	4-11/16	2-7/32	R056
7/8-14NF	4-11/16	2-7/32	R056F
1-8NC	5-1/8	2-1/2	R100
1-12NF	5-1/8	2-1/2	R100F
1-14NS	5-1/8	2-1/2	R100S14
1 1/8-7NC	5-7/16	2-9/16	R108
1 1/8-12NF	5-7/16	2-9/16	R108F
1 1/4-7NC	5-3/4	2-9/16	R116
1 1/4-12NF	5-3/4	2-9/16	R116F
1 3/8-6NC	6-1/16	3	R124
1 3/8-12NF	6-1/16	3	R124F
1 1/2-6NC	6-3/8	3	R132
1 1/2-12NF	6-3/8	3	R132F



## HSS M2 Fully Ground Spiral Flute Taps

### Metric Size Series

Size	OAL	FL	SF02W02
M3 X 0.35	1-15/16	5/8	RM030F
M3 X 0.5	1-15/16	5/8	RM030
M3.5 X 0.35	2	11/16	RM035F
M3.5 X 0.6	2	11/16	RM035
M4 X 0.5	2-1/8	3/4	RM040F
M4 X 0.7	2-1/8	3/4	RM040
M4.5 X 0.5	2-3/8	7/8	RM045F
M4.5 X 0.7	2-3/8	7/8	RM045
M5 X 0.5	2-3/8	7/8	RM050F1
M5 X 0.8	2-3/8	7/8	RM050F
M5 X 0.9	2-3/8	7/8	RM050
M6 X 0.5	2-1/2	1	RM060F2
M6 X 0.75	2-1/2	1	RM060F1
M6 X 1	2-1/2	1	RM060F
M6 X 1.25	2-1/2	1	RM060
M7 X 0.5	2-23/32	1-1/8	FM070F1
M7 X 0.75	2-23/32	1-1/8	RM070F
M7 X 1	2-23/32	1-1/8	RM070
M8 X 0.5	2-23/32	1-1/8	RM080F2
M8 X 0.75	2-23/32	1-1/8	RM080F1
M8 X 1	2-23/32	1-1/8	RM080F
M8 X 1.25	2-23/32	1-1/8	RM080
M9 X 0.5	2-15/16	1-1/4	RM090F2
M9 X 0.75	2-15/16	1-1/4	RM090F1
M9 X 1	2-15/16	1-1/4	RM090F
M9 X 1.25	2-15/16	1-1/4	RM090
M10 X 0.5	2-15/16	1-1/4	RM100F3
M10 X 0.75	2-15/16	1-1/4	RM100F2
M10 X 1	2-15/16	1-1/4	RM100F1
M10 X 1.25	2-15/16	1-1/4	RM100F
M10 X 1.5	2-15/16	1-1/4	RM100
M11 X 0.5	3-5/32	1-7/16	RM110F3
M11 X 0.75	3-5/32	1-7/16	RM110F2
M11 X 1	3-5/32	1-7/16	RM110F1
M11 X 1.25	3-5/32	1-7/16	RM110F
M11 X 1.5	3-5/32	1-7/16	RM110
M12 X 1	3-3/8	1-21/32	RM120F2
M12 X 1.25	3-3/8	1-21/32	RM120F1
M12 X 1.5	3-3/8	1-21/32	RM120F
M12 X 1.75	3-3/8	1-21/32	RM120
M14 X 1	3-19/32	1-21/32	RM140F2
M14 X 1.25	3-19/32	1-21/32	RM140F1
M14 X 1.5	3-19/32	1-21/32	RM140F
M14 X 2	3-19/32	1-21/32	RM140
M16 X 1	3-13/16	1-13/16	RM160F1
M16 X 1.5	3-13/16	1-13/16	RM160F
M16 X 2	3-13/16	1-13/16	RM160
M17 X 1.5	4-1/32	1-13/16	RM170
M18 X 1	4-1/32	1-13/16	RM180F2
M18 X 1.5	4-1/32	1-13/16	RM180F1
M18 X 2	4-1/32	1-13/16	RM180F
M18 X 2.5	4-1/32	1-13/16	RM180
M20 X 1	4-15/32	2	RM200F2
M20 X 1.5	4-15/32	2	RM200F1
M20 X 2	4-15/32	2	RM200F
M20 X 2.5	4-15/32	2	RM200
M22 X 1	4-11/16	2-7/32	RM220F2
M22 X 1.5	4-11/16	2-7/32	RM220F1

Size	OAL	FL	SF02W02
M22 X 2	4-11/16	2-7/32	RM220F
M22 X 2.5	4-11/16	2-7/32	RM220
M24 X 1	4-29/32	2-7/32	RM240F3
M24 X 1.25	4-29/32	2-7/32	RM240F2
M24 X 1.5	4-29/32	2-7/32	RM240F1
M24 X 2	4-29/32	2-7/32	RM240F
M24 X 3	4-29/32	2-7/32	RM240
M26 X 1.5	5-1/8	2-1/2	RM260
M27 X 1	4	1-1/2	RM270F2
M27 X 1.5	4	1-1/2	RM270F1
M27 X 2	5-1/8	2-1/2	RM270F
M27 X 3	5-1/8	2-1/2	RM270
M28 X 1	4	1-1/2	RM280F1
M28 X 1.5	4	1-1/2	RM280F
M28 X 2	5-7/16	2-9/16	RM280
M30 X 1	4	1-1/2	RM300F3
M30 X 1.5	4	1-1/2	RM300F2
M30 X 2	5-7/16	2-9/16	RM300F1
M30 X 3	5-7/16	2-9/16	RM300F
M30 X 3.5	5-7/16	2-9/16	RM300
M32 X 1.5	4	1-1/2	RM320F
M32 X 2	5-3/4	2-9/16	RM320
M33 X 1.5	4	1-1/2	RM330F2
M33 X 2	5-3/4	2-9/16	RM330F1
M33 X 3	5-3/4	2-9/16	RM330F
M33 X 3.5	5-3/4	2-9/16	RM330
M36 X 1.5	4	1-1/2	RM360F2
M36 X 2	6-1/16	3	RM360F1
M36 X 3	6-1/16	3	RM360F
M36 X 4	6-1/16	3	RM360
M38 X 1.5	4	1-1/2	RM380
M39 X 1.5	5	2	RM390F2
M39 X 2	5	2	RM390F1
M39 X 3	6-11/16	3-3/16	RM390F
M39 X 4	6-11/16	3-3/16	RM390
M40 X 1.5	5	2	RM400F1
M40 X 2	5	2	RM400F
M40 X 3	6-11/16	3-3/16	RM400
M42 X 1.5	5	2	RM420F2
M42 X 2	5	2	RM420F1
M42 X 3	7	3-3/16	RM420F
M42 X 4.5	7	3-3/16	RM420
M45 X 1.5	5	2	RM450F2
M45 X 2	5	2	RM450F1
M45 X 3	7-5/16	3-9/16	RM450F
M45 X 4.5	7-5/16	3-9/16	RM450
M48 X 1.5	5	2	RM480F2
M48 X 2	5	2	RM480F1
M48 X 3	7-5/8	3-9/16	RM480F
M48 X 5	7-5/8	3-9/16	RM480
M50 X 1.5	5	2	RM500F2
M50 X 2	5	2	RM500F1
M50 X 3	7-5/8	3-9/16	RM500F
M50 X 5	7-5/8	3-9/16	RM500
M52 X 1.5	5-1/4	2	RM520F2
M52 X 2	5-1/4	2	RM520F1
M52 X 3	8	3-9/16	RM520F
M52 X 5	8	3-9/16	RM520