

HSS M2 Fully Ground Spiral Point Taps

List No. SP02W01 - HSS Stright Flute Taps



Features

- * 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 point taps are ideal for machine tapping through holes or blind holes with adequate bottom clearance. They are called "Gun Taps" because they shoot the chips ahead of the tap. This also reduces loading and chips clogging in the flutes.

Sizes available:

Number #0 - #12; Fractional 1/4" to 1-1/2"; Metric M2 to M52
Customer Sets and Customer surface finish are available

Material:

M2 right hand in stock. M35, M42 cobalt available as custom requests

Gauge Series

Size	OAL	FL	SP02W01
0-80NF	1-5/8	5/16	RN0F
1-64NC	1-11/16	3/8	RN01
1-72NF	1-11/16	3/8	RN01F
2-56NC	1-3/4	7/16	RN02
2-64NF	1-3/4	7/16	RN02F
3-48NC	1-13/16	1/2	RN03
3-56NF	1-13/16	1/2	RN03F
4-36NS	1-7/8	9/16	RN04S36
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

Size	OAL	FL	SP02W01
6-32NC	2	11/16	RN06
6-40NF	2	11/16	RN06F
6-48NS	2	11/16	RN06S48
8-32NC	2-1/8	3/4	RN08
8-36NF	2-1/8	3/4	RN08F
8-40UN	2-1/8	3/4	RN08N40
10-24NC	2-3/8	7/8	RN10
10-32NF	2-3/8	7/8	RN10F
10-40NS	2-3/8	7/8	RN10S40
12-24NC	2-3/8	15/16	RN12
12-28NF	2-3/8	15/16	RN12F
12-32NEF	2-3/8	15/16	RN12EF

Imperial Size Series

Size	OAL	FL	SP02W01
1/4-20NC	2-1/2	1	R016
1/4-24NS	2-1/2	1	R016S24
1/4-28NF	2-1/2	1	R016F
1/4-40NS	2-1/2	1	R016S40
5/16-18NC	2-23/32	1-1/8	R020
5/16-24NF	2-23/32	1-1/8	R020F
5/16-32NEF	2-23/32	1-1/8	R020EF
3/8-16NC	2-15/16	1-1/4	R024
3/8-24NF	2-15/16	1-1/4	R024F
3/8-32NEF	2-15/16	1-1/4	R024EF
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
1/2-24NS	3-3/8	1-21/32	R032S24
1/2-28NEF	3-3/8	1-21/32	R032EF
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

Size	OAL	FL	SP02W01
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
3/4-10NC	4-1/4	2	R048
3/4-16NF	4-1/4	2	R048F
3/4-18NS	4-1/4	2	R048S18
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

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Metric Size Series

Size	OAL	FL	SP02W01
M2.5 X 0.45	1-3/4	7/16	RM025
M3 X 0.5	1-15/16	5/8	RM030
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	RM070F1
M7 X 0.75	2-23/32	1-1/8	RM07F
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
M22 X 2	4-11/16	2-7/32	RM220F
M22 X 2.5	4-11/16	2-7/32	RM220

Size	OAL	FL	SP02W01
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
M25 X 1.5	5-1/8	2-1/2	RM250F
M25 X 2	5-1/8	2-1/2	RM250
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
M35 X 1.5	4	1-1/2	RM350
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