

HSS M2 Fully Ground Spiral Point Taps

List No. SPX02W01 - 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	SPN02W01
0-80NF	1-5/8	5/16	R0F
1-64NC	1-11/16	3/8	R01
1-72NF	1-11/16	3/8	R01F
2-56NC	1-3/4	7/16	R02
2-64NF	1-3/4	7/16	R02F
3-48NC	1-13/16	1/2	R03
3-56NF	1-13/16	1/2	R03F
4-36NS	1-7/8	9/16	R04S36
4-40NC	1-7/8	9/16	R04
4-48NF	1-7/8	9/16	R04F
5-40NC	1-15/16	5/8	R05
5-44NF	1-15/16	5/8	R05F

Size	OAL	FL	SPN02W01
6-32NC	2	11/16	R06
6-40NF	2	11/16	R06F
6-48NS	2	11/16	R06S48
8-32NC	2-1/8	3/4	R08
8-36NF	2-1/8	3/4	R08F
8-40UN	2-1/8	3/4	R08N40
10-24NC	2-3/8	7/8	R10
10-32NF	2-3/8	7/8	R10F
10-40NS	2-3/8	7/8	R10S40
12-24NC	2-3/8	15/16	R12
12-28NF	2-3/8	15/16	R12F
12-32NEF	2-3/8	15/16	R12EF

Imperial Size Series

Size	OAL	FL	SPF02W01
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	SPF02W01
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

HSS M2 Fully Ground Spiral Point Taps - Metric Size Series

Size	OAL	FL	SPM02W01
M2.5 X 0.45	1-3/4	7/16	R025
M3 X 0.5	1-15/16	5/8	R030
M3.5 X 0.6	2	11/16	R035
M4 X 0.5	2-1/8	3/4	R040F
M4 X 0.7	2-1/8	3/4	R040
M4.5 X 0.5	2-3/8	7/8	R045F
M4.5 X 0.7	2-3/8	7/8	R045
M5 X 0.5	2-3/8	7/8	R050F1
M5 X 0.8	2-3/8	7/8	R050F
M5 X 0.9	2-3/8	7/8	R050
M6 X 0.5	2-1/2	1	R060F2
M6 X 0.75	2-1/2	1	R060F1
M6 X 1	2-1/2	1	R060F
M6 X 1.25	2-1/2	1	R060
M7 X 0.5	2-23/32	1-1/8	R070F1
M7 X 0.75	2-23/32	1-1/8	R07F
M7 X 1	2-23/32	1-1/8	R070
M8 X 0.5	2-23/32	1-1/8	R080F2
M8 X 0.75	2-23/32	1-1/8	R080F1
M8 X 1	2-23/32	1-1/8	R080F
M8 X 1.25	2-23/32	1-1/8	R080
M9 X 0.5	2-15/16	1-1/4	R090F2
M9 X 0.75	2-15/16	1-1/4	R090F1
M9 X 1	2-15/16	1-1/4	R090F
M9 X 1.25	2-15/16	1-1/4	R090
M10 X 0.5	2-15/16	1-1/4	R100F3
M10 X 0.75	2-15/16	1-1/4	R100F2
M10 X 1	2-15/16	1-1/4	R100F1
M10 X 1.25	2-15/16	1-1/4	R100F
M10 X 1.5	2-15/16	1-1/4	R100
M11 X 0.5	3-5/32	1-7/16	R110F3
M11 X 0.75	3-5/32	1-7/16	R110F2
M11 X 1	3-5/32	1-7/16	R110F1
M11 X 1.25	3-5/32	1-7/16	R110F
M11 X 1.5	3-5/32	1-7/16	R110
M12 X 1	3-3/8	1-21/32	R120F2
M12 X 1.25	3-3/8	1-21/32	R120F1
M12 X 1.5	3-3/8	1-21/32	R120F
M12 X 1.75	3-3/8	1-21/32	R120
M14 X 1	3-19/32	1-21/32	R140F2
M14 X 1.25	3-19/32	1-21/32	R140F1
M14 X 1.5	3-19/32	1-21/32	R140F
M14 X 2	3-19/32	1-21/32	R140
M16 X 1	3-13/16	1-13/16	R160F1
M16 X 1.5	3-13/16	1-13/16	R160F
M16 X 2	3-13/16	1-13/16	R160
M17 X 1.5	4-1/32	1-13/16	R170
M18 X 1	4-1/32	1-13/16	R180F2
M18 X 1.5	4-1/32	1-13/16	R180F1
M18 X 2	4-1/32	1-13/16	R180F
M18 X 2.5	4-1/32	1-13/16	R180
M20 X 1	4-15/32	2	R200F2
M20 X 1.5	4-15/32	2	R200F1
M20 X 2	4-15/32	2	R200F
M20 X 2.5	4-15/32	2	R200
M22 X 1	4-11/16	2-7/32	R220F2
M22 X 1.5	4-11/16	2-7/32	R220F1

Size	OAL	FL	SPM02W01
M22 X 2	4-11/16	2-7/32	R220F
M22 X 2.5	4-11/16	2-7/32	R220
M24 X 1	4-29/32	2-7/32	R240F3
M24 X 1.25	4-29/32	2-7/32	R240F2
M24 X 1.5	4-29/32	2-7/32	R240F1
M24 X 2	4-29/32	2-7/32	R240F
M24 X 3	4-29/32	2-7/32	R240
M25 X 1.5	5-1/8	2-1/2	R250F
M25 X 2	5-1/8	2-1/2	R250
M26 X 1.5	5-1/8	2-1/2	R260
M27 X 1	4	1-1/2	R270F2
M27 X 1.5	4	1-1/2	R270F1
M27 X 2	5-1/8	2-1/2	R270F
M27 X 3	5-1/8	2-1/2	R270
M28 X 1	4	1-1/2	R280F1
M28 X 1.5	4	1-1/2	R280F
M28 X 2	5-7/16	2-9/16	R280
M30 X 1	4	1-1/2	R300F3
M30 X 1.5	4	1-1/2	R300F2
M30 X 2	5-7/16	2-9/16	R300F1
M30 X 3	5-7/16	2-9/16	R300F
M30 X 3.5	5-7/16	2-9/16	R300
M32 X 1.5	4	1-1/2	R320F
M32 X 2	5-3/4	2-9/16	R320
M33 X 1.5	4	1-1/2	R330F2
M33 X 2	5-3/4	2-9/16	R330F1
M33 X 3	5-3/4	2-9/16	R330F
M33 X 3.5	5-3/4	2-9/16	R330
M35 X 1.5	4	1-1/2	R350
M36 X 1.5	4	1-1/2	R360F2
M36 X 2	6-1/16	3	R360F1
M36 X 3	6-1/16	3	R360F
M36 X 4	6-1/16	3	R360
M38 X 1.5	4	1-1/2	R380
M39 X 1.5	5	2	R390F2
M39 X 2	5	2	R390F1
M39 X 3	6-11/16	3-3/16	R390F
M39 X 4	6-11/16	3-3/16	R390
M40 X 1.5	5	2	R400F1
M40 X 2	5	2	R400F
M40 X 3	6-11/16	3-3/16	R400
M42 X 1.5	5	2	R420F2
M42 X 2	5	2	R420F1
M42 X 3	7	3-3/16	R420F
M42 X 4.5	7	3-3/16	R420
M45 X 1.5	5	2	R450F2
M45 X 2	5	2	R450F1
M45 X 3	7-5/16	3-9/16	R450F
M45 X 4.5	7-5/16	3-9/16	R450
M48 X 1.5	5	2	R480F2
M48 X 2	5	2	R480F1
M48 X 3	7-5/8	3-9/16	R480F
M48 X 5	7-5/8	3-9/16	R480
M50 X 1.5	5	2	R500F2
M50 X 2	5	2	R500F1
M50 X 3	7-5/8	3-9/16	R500F
M50 X 5	7-5/8	3-9/16	R500