

HSS M2 Fully Ground Hand Tap Sets

List No. HSX02W00RXX - HSS M2 Stright Flute Hand Tap Sets

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

Designed for general purpose hand tapping or in machines effectively
They are suitable for tapping most materials in through or blind holes.

Sizes available:

Number 2# - 12#; Fractional 1/4" to 5/8"; Metric M4 to M16

Each set includes one of each taper, bottom, and plug chamfer

Customer Sets and Customer surface finish are available

Material:

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



Wire Gauge

Size	OAL	FL	HSN02W00
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
4-80UN	1-7/8	9/16	R04N80
5-40NC	1-15/16	5/8	R05
5-44NF	1-15/16	5/8	R05F
6-32NC	2	11/16	R06
6-36UN	2	11/16	R06N36
6-40NF	2	11/16	R06F
6-48NS	2	11/16	R06S48
7-32UN	2-1/8	3/4	R07N32
7-48UN	2-1/8	3/4	R07N48
8-24UN	2-1/8	3/4	R08N24

Size	OAL	FL	HSN02W00
8-32NC	2-1/8	3/4	R08
8-36NF	2-1/8	3/4	R08F
8-40UN	2-1/8	3/4	R08N40
8-48UN	2-1/8	3/4	R08N48
10-24NC	2-3/8	7/8	R10
10-28NS	2-3/8	7/8	R10S28
10-32NF	2-3/8	7/8	R10F
10-36NS	2-3/8	7/8	R10S36
10-40NS	2-3/8	7/8	R10S40
10-48NS	2-3/8	7/8	R10S40
10-56NS	2-3/8	7/8	R10S56
12-24NC	2-3/8	15/16	R12
12-28NF	2-3/8	15/16	R12F
12-32NEF	2-3/8	15/16	R12EF
12-36NS	2-3/8	15/16	R12S36
12-40NS	2-3/8	15/16	R12S40
12-48NS	2-3/8	15/16	R12S48

Imperial Size

Size	OAL	FL	HSF02W00
1/4-24NS	2-1/2	1	R016S24
1/4-26UN	2-1/2	1	R016N26
1/4-27NS	2-1/2	1	R016S27
1/4-28NF	2-1/2	1	R016F
1/4-32NEF	2-1/2	1	R016EF
1/4-36NS	2-1/2	1	R016S36
1/4-40NS	2-1/2	1	R016S40
1/4-48NS	2-1/2	1	R016S48
1/4-80UN	2-1/2	1	R016N80
5/16-18NC	2-23/32	1-1/8	R020

Size	OAL	FL	HSF02W00
5/16-20UN	2-23/32	1-1/8	R020N20
5/16-22UN	2-23/32	1-1/8	R020N22
5/16-24NF	2-23/32	1-1/8	R020F
5/16-27NS	2-23/32	1-1/8	R020S27
5/16-28UN	2-23/32	1-1/8	R020N28
5/16-30UN	2-23/32	1-1/8	R020N30
5/16-32NEF	2-23/32	1-1/8	R020EF
5/16-36NS	2-23/32	1-1/8	R020S36
5/16-40UN	2-23/32	1-1/8	R020N40
5/16-56UN	2-23/32	1-1/8	R020N56

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Imperial Size

Size	OAL	FL	HTF02W00
3/8-14UN	2-15/16	1-1/4	R024N14
3/8-16NC	2-15/16	1-1/4	R024
3/8-18NS	2-15/16	1-1/4	R024S18
3/8-20UN	2-15/16	1-1/4	R024N20
3/8-24NF	2-15/16	1-1/4	R024F
3/8-26UN	2-15/16	1-1/4	R024N26
3/8-27NS	2-15/16	1-1/4	R024S27
3/8-28UN	2-15/16	1-1/4	R024N28
3/8-32NEF	2-15/16	1-1/4	R024EF
3/8-40NS	2-15/16	1-1/4	R024S40
3/8-48UN	2-15/16	1-1/4	R024N48
7/16-14NC	3-5/32	1-7/16	R028
7/16-16UN	3-5/32	1-7/16	R028N16
7/16-18NS	3-5/32	1-7/16	R028S18
7/16-20NF	3-5/32	1-7/16	R028F
7/16-24NS	3-5/32	1-7/16	R028S24
7/16-27NS	3-5/32	1-7/16	R028S27
7/16-28NEF	3-5/32	1-7/16	R028EF
7/16-32UN	3-5/32	1-7/16	R028N32
7/16-40NS	3-5/32	1-7/16	R028S40
15/32-32UN	3-3/8	1-21/32	R030N32
1/2-12NS	3-3/8	1-21/32	R032S12
1/2-13NC	3-3/8	1-21/32	R032
1/2-14NS	3-3/8	1-21/32	R032S14
1/2-16UN	3-3/8	1-21/32	R032N16
1/2-18NS	3-3/8	1-21/32	R032S18

Size	OAL	FL	HTF02W00
1/2-20NF	3-3/8	1-21/32	R032F
1/2-24NS	3-3/8	1-21/32	R032S24
1/2-27NS	3-3/8	1-21/32	R032S27
1/2-28NEF	3-3/8	1-21/32	R032EF
1/2-32UN	3-3/8	1-21/32	R032N32
1/2-40NS	3-3/8	1-21/32	R032S40
1/2-56UN	3-3/8	1-21/32	R032N56
9/16-12NC	3-19/32	1-21/32	R036
9/16-18NF	3-19/32	1-21/32	R036F
9/16-20UN	3-19/32	1-21/32	R036N20
9/16-24NEF	3-19/32	1-21/32	R036EF
9/16-27NS	3-19/32	1-21/32	R036S27
9/16-28UN	3-19/32	1-21/32	R036N28
9/16-32UN	3-19/32	1-21/32	R036N32
9/16-40NS	3-19/32	1-21/32	R036S40
5/8-11NC	3-13/16	1-13/16	R040
5/8-14NS	3-13/16	1-13/16	R040S14
5/8-16UN	3-13/16	1-13/16	R040N16
5/8-18NF	3-13/16	1-13/16	R040F
5/8-20UN	3-13/16	1-13/16	R040N20
5/8-24NEF	3-13/16	1-13/16	R040EF
5/8-27NS	3-13/16	1-13/16	R040S27
5/8-28UN	3-13/16	1-13/16	R040N28
5/8-32UN	3-13/16	1-13/16	R040N32
5/8-40NS	3-13/16	1-13/16	R040S40