

HSS M2 Fully Ground Hand Taps

List No. HT02W00 - HSS M2 Stright Flute Taper Taps



List No. HP02W00 - HSS M2 Stright Flute Plug Taps



List No. HB02W00 - HSS M2 Stright Flute Bottom 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

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 #0 - #14; Fractional 3/32" to 4"; Metric M2 to M52

Each size is available in taper, bottoming, or plug chamfer. When taper or bottoming chamfer taps are not available in size ordered, plug chamfer taps will be substituted to complete order.

Customer Sets and Customer surface finish are available

Material:

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

Gauge Series

Size	OAL	FL	HT02W00	HP02W00	HB02W00
0-80NF	1-5/8	5/16	RN0F	RN0F	RN0F
1-64NC	1-11/16	3/8	RN01	RN01	RN01
1-72NF	1-11/16	3/8	RN01F	RN01F	RN01F
2-56NC	1-3/4	7/16	RN02	RN02	RN02
2-64NF	1-3/4	7/16	RN02F	RN02F	RN02F
3-48NC	1-13/16	1/2	RN03	RN03	RN03
3-56NF	1-13/16	1/2	RN03F	RN03F	RN03F
4-36NS	1-7/8	9/16	RN04S36	RN04S36	RN04S36
4-40NC	1-7/8	9/16	RN04	RN04	RN04
4-48NF	1-7/8	9/16	RN04F	RN04F	RN04F
4-80UN	1-7/8	9/16	RN04N80	RN04N80	RN04N80
5-40NC	1-15/16	5/8	RN05	RN05	RN05
5-44NF	1-15/16	5/8	RN05F	RN05F	RN05F
6-32NC	2	11/16	RN06	RN06	RN06
6-36UN	2	11/16	RN06N36	RN06N36	RN06N36
6-40NF	2	11/16	RN06F	RN06F	RN06F
6-48NS	2	11/16	RN06S48	RN06S48	RN06S48
7-32UN	2-1/8	3/4	RN07N32	RN07N32	RN07N32
7-48UN	2-1/8	3/4	RN07N48	RN07N48	RN07N48

Size	OAL	FL	HT02W00	HP02W00	HB02W00
8-24UN	2-1/8	3/4	RN08N24	RN08N24	RN08N24
8-32NC	2-1/8	3/4	RN08	RN08	RN08
8-36NF	2-1/8	3/4	RN08F	RN08F	RN08F
8-40UN	2-1/8	3/4	RN08N40	RN08N40	RN08N40
8-48UN	2-1/8	3/4	RN08N48	RN08N48	RN08N48
10-24NC	2-3/8	7/8	RN10	RN10	RN10
10-28NS	2-3/8	7/8	RN10S28	RN10S28	RN10S28
10-32NF	2-3/8	7/8	RN10F	RN10F	RN10F
10-36NS	2-3/8	7/8	RN10S36	RN10S36	RN10S36
10-40NS	2-3/8	7/8	RN10S40	RN10S40	RN10S40
10-48NS	2-3/8	7/8	RN10S40	RN10S40	RN10S40
10-56NS	2-3/8	7/8	RN10S56	RN10S56	RN10S56
12-24NC	2-3/8	15/16	RN12	RN12	RN12
12-28NF	2-3/8	15/16	RN12F	RN12F	RN12F
12-32NEF	2-3/8	15/16	RN12EF	RN12EF	RN12EF
12-36NS	2-3/8	15/16	RN12S36	RN12S36	RN12S36
12-40NS	2-3/8	15/16	RN12S40	RN12S40	RN12S40
12-48NS	2-3/8	15/16	RN12S48	RN12S48	RN12S48
14-24UN	2-3/8	15/16	RN12N24	RN12N24	RN12N24

Imperial Size Series

Size	OAL	FL	HT02W00	HP02W00	HB02W00
3/32-48NC	1-13/16	1/2	R006	R006	R006
5/32-32UN	2-1/8	3/4	R010N32	R010N32	R010N32
5/32-36NF	2-1/8	3/4	R010F	R010F	R010F
3/16-24UN	2-3/8	7/8	R012N24	R012N24	R012N24
3/16-32UN	2-3/8	7/8	R012N32	R012N32	R012N32

Size	OAL	FL	HT02W00	HP02W00	HB02W00
1-27NS	5-1/8	2-1/2	R100S27	R100S27	R100S27
1-28UN	5-1/8	2-1/2	R100N28	R100N28	R100N28
1-32UN	5-1/8	2-1/2	R100N32	R100N32	R100N32
1-40NS	5-1/8	2-1/2	R100S40	R100S40	R100S40
1-48UN	5-1/8	2-1/2	R100N48	R100N48	R100N48

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Imperial Size Series

Size	OAL	FL	HT02W00	HP02W00	HB02W00
7/32-24NC	2-3/8	15/16	R014	R014	R014
7/32-32UN	2-3/8	15/16	R014N32	R014N32	R014N32
1/4-20NC	2-1/2	1	R016	R016	R016
1/4-24NS	2-1/2	1	R016S24	R016S24	R016S24
1/4-26UN	2-1/2	1	R016N26	R016N26	R016N26
1/4-27NS	2-1/2	1	R016S27	R016S27	R016S27
1/4-28NF	2-1/2	1	R016F	R016F	R016F
1/4-32NEF	2-1/2	1	R016EF	R016EF	R016EF
1/4-36NS	2-1/2	1	R016S36	R016S36	R016S36
1/4-40NS	2-1/2	1	R016S40	R016S40	R016S40
1/4-48NS	2-1/2	1	R016S48	R016S48	R016S48
1/4-80UN	2-1/2	1	R016N80	R016N80	R016N80
5/16-18NC	2-23/32	1-1/8	R020	R020	R020
5/16-20UN	2-23/32	1-1/8	R020N20	R020N20	R020N20
5/16-22UN	2-23/32	1-1/8	R020N22	R020N22	R020N22
5/16-24NF	2-23/32	1-1/8	R020F	R020F	R020F
5/16-27NS	2-23/32	1-1/8	R020S27	R020S27	R020S27
5/16-28UN	2-23/32	1-1/8	R020N28	R020N28	R020N28
5/16-30UN	2-23/32	1-1/8	R020N30	R020N30	R020N30
5/16-32NEF	2-23/32	1-1/8	R020EF	R020EF	R020EF
5/16-36NS	2-23/32	1-1/8	R020S36	R020S36	R020S36
5/16-40UN	2-23/32	1-1/8	R020N40	R020N40	R020N40
5/16-56UN	2-23/32	1-1/8	R020N56	R020N56	R020N56
3/8-14UN	2-15/16	1-1/4	R024N14	R024N14	R024N14
3/8-16NC	2-15/16	1-1/4	R024	R024	R024
3/8-18NS	2-15/16	1-1/4	R024S18	R024S18	R024S18
3/8-20UN	2-15/16	1-1/4	R024N20	R024N20	R024N20
3/8-24NF	2-15/16	1-1/4	R024F	R024F	R024F
3/8-26UN	2-15/16	1-1/4	R024N26	R024N26	R024N26
3/8-27NS	2-15/16	1-1/4	R024S27	R024S27	R024S27
3/8-28UN	2-15/16	1-1/4	R024N28	R024N28	R024N28
3/8-32NEF	2-15/16	1-1/4	R024EF	R024EF	R024EF
3/8-40NS	2-15/16	1-1/4	R024S40	R024S40	R024S40
3/8-48UN	2-15/16	1-1/4	R024N48	R024N48	R024N48
7/16-14NC	3-5/32	1-7/16	R028	R028	R028
7/16-16UN	3-5/32	1-7/16	R028N16	R028N16	R028N16
7/16-18NS	3-5/32	1-7/16	R028S18	R028S18	R028S18
7/16-20NF	3-5/32	1-7/16	R028F	R028F	R028F
7/16-24NS	3-5/32	1-7/16	R028S24	R028S24	R028S24
7/16-27NS	3-5/32	1-7/16	R028S27	R028S27	R028S27
7/16-28NEF	3-5/32	1-7/16	R028EF	R028EF	R028EF
7/16-32UN	3-5/32	1-7/16	R028N32	R028N32	R028N32
7/16-40NS	3-5/32	1-7/16	R028S40	R028S40	R028S40
15/32-32UN	3-3/8	1-21/32	R030N32	R030N32	R030N32
1/2-12NS	3-3/8	1-21/32	R032S12	R032S12	R032S12
1/2-13NC	3-3/8	1-21/32	R032	R032	R032
1/2-14NS	3-3/8	1-21/32	R032S14	R032S14	R032S14
1/2-16UN	3-3/8	1-21/32	R032N16	R032N16	R032N16
1/2-18NS	3-3/8	1-21/32	R032S18	R032S18	R032S18
1/2-20NF	3-3/8	1-21/32	R032F	R032F	R032F

Size	OAL	FL	HT02W00	HP02W00	HB02W00
1 1/16-10NS	5-1/8	2-1/2	R104S10	R104S10	R104S10
1 1/16-12NS	5-1/8	2-1/2	R104S12	R104S12	R104S12
1 1/16-16UN	4	1-1/2	R104N16	R104N16	R104N16
1 1/16-18NEF	4	1-1/2	R104EF	R104EF	R104EF
1 1/16-20UN	4	1-1/2	R104N20	R104N20	R104N20
1 1/16-24NS	4	1-1/2	R104S24	R104S24	R104S24
1 1/16-27UN	4	1-1/2	R104N27	R104N27	R104N27
1 1/16-32UN	4	1-1/2	R104N32	R104N32	R104N32
1 1/8-7NC	5-7/16	2-9/16	R108	R108	R108
1 1/8-8UN	5-7/16	2-9/16	R108N8	R108N8	R108N8
1 1/8-12NF	5-7/16	2-9/16	R108F	R108F	R108F
1 1/8-16UN	4	1-1/2	R108N16	R108N16	R108N16
1 1/8-18NEF	4	1-1/2	R108EF	R108EF	R108EF
1 1/8-20UN	4	1-1/2	R108N20	R108N20	R108N20
1 1/8-32UN	4	1-1/2	R108N32	R108N32	R108N32
1 3/16-12UN	5-7/16	2-9/16	R112N12	R112N12	R112N12
1 3/16-16UN	4	1-1/2	R112N16	R112N16	R112N16
1 3/16-18NEF	4	1-1/2	R112EF	R112EF	R112EF
1 3/16-20UN	4	1-1/2	R112N20	R112N20	R112N20
1 3/16-28UN	4	1-1/2	R112N28	R112N28	R112N28
1 3/16-32UN	4	1-1/2	R112N32	R112N32	R112N32
1 1/4-7NC	5-3/4	2-9/16	R116	R116	R116
1 1/4-8UN	5-3/4	2-9/16	R116N8	R116N8	R116N8
1 1/4-10NS	5-3/4	2-9/16	R116S10	R116S10	R116S10
1 1/4-12NF	5-3/4	2-9/16	R116F	R116F	R116F
1 1/4-14NS	4	1-1/2	R116S14	R116S14	R116S14
1 1/4-16UN	4	1-1/2	R116N16	R116N16	R116N16
1 1/4-18NEF	4	1-1/2	R116EF	R116EF	R116EF
1 1/4-20UN	4	1-1/2	R116N20	R116N20	R116N20
1 1/4-24NS	4	1-1/2	R116S24	R116S24	R116S24
1 5/16-8UN	5-3/4	2-9/16	R120N8	R120N8	R120N8
1 5/16-12UN	5-3/4	2-9/16	R120N12	R120N12	R120N12
1 5/16-16UN	4	1-1/2	R120N16	R120N16	R120N16
1 5/16-18NEF	4	1-1/2	R120EF	R120EF	R120EF
1 5/16-20UN	4	1-1/2	R120N20	R120N20	R120N20
1 3/8-6NC	6-1/16	3	R124	R124	R124
1 3/8-8UN	6-1/16	3	R124N8	R124N8	R124N8
1 3/8-12NF	6-1/16	3	R124F	R124F	R124F
1 3/8-14NS	4	1-1/2	R124S14	R124S14	R124S14
1 3/8-16UN	4	1-1/2	R124N16	R124N16	R124N16
1 3/8-18NEF	4	1-1/2	R124EF	R124EF	R124EF
1 3/8-20UN	4	1-1/2	R124N20	R124N20	R124N20
1 7/16-8UN	6-1/16	3	R128N8	R128N8	R128N8
1 7/16-12UN	6-1/16	3	R128N12	R128N12	R128N12
1 7/16-16UN	4	1-1/2	R128N16	R128N16	R128N16
1 7/16-18NEF	4	1-1/2	R128EF	R128EF	R128EF
1 1/2-6NC	6-3/8	3	R132	R132	R132
1 1/2-8UN	6-3/8	3	R132N8	R132N8	R132N8
1 1/2-10NS	6-3/8	3	R132S10	R132S10	R132S10
1 1/2-12NF	6-3/8	3	R132F	R132F	R132F

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Imperial Size Series

Size	OAL	FL	HT02W00	HP02W00	HB02W00
1/2-24NS	3-3/8	1-21/32	R032S24	R032S24	R032S24
1/2-27NS	3-3/8	1-21/32	R032S27	R032S27	R032S27
1/2-28NEF	3-3/8	1-21/32	R032EF	R032EF	R032EF
1/2-32UN	3-3/8	1-21/32	R032N32	R032N32	R032N32
1/2-40NS	3-3/8	1-21/32	R032S40	R032S40	R032S40
1/2-56UN	3-3/8	1-21/32	R032N56	R032N56	R032N56
9/16-12NC	3-19/32	1-21/32	R036	R036	R036
9/16-18NF	3-19/32	1-21/32	R036F	R036F	R036F
9/16-20UN	3-19/32	1-21/32	R036N20	R036N20	R036N20
9/16-24NEF	3-19/32	1-21/32	R036EF	R036EF	R036EF
9/16-27NS	3-19/32	1-21/32	R036S27	R036S27	R036S27
9/16-28UN	3-19/32	1-21/32	R036N28	R036N28	R036N28
9/16-32UN	3-19/32	1-21/32	R036N32	R036N32	R036N32
9/16-40NS	3-19/32	1-21/32	R036S40	R036S40	R036S40
5/8-11NC	3-13/16	1-13/16	R040	R040	R040
5/8-14NS	3-13/16	1-13/16	R040S14	R040S14	R040S14
5/8-16UN	3-13/16	1-13/16	R040N16	R040N16	R040N16
5/8-18NF	3-13/16	1-13/16	R040F	R040F	R040F
5/8-20UN	3-13/16	1-13/16	R040N20	R040N20	R040N20
5/8-24NEF	3-13/16	1-13/16	R040EF	R040EF	R040EF
5/8-27NS	3-13/16	1-13/16	R040S27	R040S27	R040S27
5/8-28UN	3-13/16	1-13/16	R040N28	R040N28	R040N28
5/8-32UN	3-13/16	1-13/16	R040N32	R040N32	R040N32
5/8-40NS	3-13/16	1-13/16	R040S40	R040S40	R040S40
11/16-11UN	4-1/32	1-13/16	R044N11	R044N11	R044N11
11/16-12UN	4-1/32	1-13/16	R044N12	R044N12	R044N12
11/16-16UN	4-1/32	1-13/16	R044N16	R044N16	R044N16
11/16-18NS	4-1/32	1-13/16	R044S18	R044S18	R044S18
11/16-20UN	4-1/32	1-13/16	R044N20	R044N20	R044N20
11/16-24NEF	4-1/32	1-13/16	R044EF	R044EF	R044EF
11/16-27NS	4-1/32	1-13/16	R044S27	R044S27	R044S27
11/16-28UN	4-1/32	1-13/16	R044N28	R044N28	R044N28
11/16-32UN	4-1/32	1-13/16	R044N32	R044N32	R044N32
11/16-40NS	4-1/32	1-13/16	R044S40	R044S40	R044S40
3/4-10NC	4-1/4	2	R048	R048	R048
3/4-12UN	4-1/4	2	R048N12	R048N12	R048N12
3/4-14NS	4-1/4	2	R048S14	R048S14	R048S14
3/4-16NF	4-1/4	2	R048F	R048F	R048F
3/4-18NS	4-1/4	2	R048S18	R048S18	R048S18
3/4-20NEF	4-1/4	2	R048EF	R048EF	R048EF
3/4-24NS	4-1/4	2	R048S24	R048S24	R048S24
3/4-26UN	4-1/4	2	R048N26	R048N26	R048N26
3/4-27NS	4-1/4	2	R048S27	R048S27	R048S27
3/4-28UN	4-1/4	2	R048N28	R048N28	R048N28
3/4-32UN	4-1/4	2	R048N32	R048N32	R048N32
13/16-10UN	4-15/32	2	R052N10	R052N10	R052N10
13/16-14UN	4-15/32	2	R052N14	R052N14	R052N14
13/16-16UN	4-15/32	2	R052N16	R052N16	R052N16
13/16-18NS	4-15/32	2	R052S18	R052S18	R052S18
13/16-20NEF	4-15/32	2	R052EF	R052EF	R052EF

Size	OAL	FL	HT02W00	HP02W00	HB02W00
1 1/2-16UN	4	1-1/2	R132N16	R132N16	R132N16
1 1/2-18NEF	4	1-1/2	R132EF	R132EF	R132EF
1 1/2-20UN	4	1-1/2	R132N20	R132N20	R132N20
1 1/2-24NS	4	1-1/2	R132S24	R132S24	R132S24
1 1/2-27UN	4	1-1/2	R132N27	R132N27	R132N27
1 1/2-28UN	4	1-1/2	R132N28	R132N28	R132N28
1 9/16-12UN	5	2	R136N12	R136N12	R136N12
1 9/16-16UN	5	2	R136N16	R136N16	R136N16
1 9/16-18NEF	5	2	R136EF	R136EF	R136EF
1 9/16-20UN	5	2	R136N20	R136N20	R136N20
1 5/8-5UN	6-11/16	3-3/16	R140N5	R140N5	R140N5
1 5/8 - 5 1/2UN	6-11/16	3-3/16	R140N5.5	R140N5.5	R140N5.5
1 5/8-8UN	6-11/16	3-3/16	R140N8	R140N8	R140N8
1 5/8-10NS	5	2	R140S10	R140S10	R140S10
1 5/8-12UN	5	2	R140N12	R140N12	R140N12
1 5/8-16UN	5	2	R140N16	R140N16	R140N16
1 5/8-18NEF	5	2	R140EF	R140EF	R140EF
1 5/8-20UN	5	2	R140N20	R140N20	R140N20
1 5/8-24NS	5	2	R140S24	R140S24	R140S24
1 11/16-12UN	5	2	R144N12	R144N12	R144N12
1 11/16-16UN	5	2	R144N16	R144N16	R144N16
1 11/16-18NEF	5	2	R144EF	R144EF	R144EF
1 3/4-5NC	7	3-3/16	R148	R148	R148
1 3/4-6UN	7	3-3/16	R148N6	R148N6	R148N6
1 3/4-8UN	7	3-3/16	R148N8	R148N8	R148N8
1 3/4-10NS	5	2	R148S10	R148S10	R148S10
1 3/4-12UN	5	2	R148N12	R148N12	R148N12
1 3/4-14NS	5	2	R148S14	R148S14	R148S14
1 3/4-16UN	5	2	R148N16	R148N16	R148N16
1 3/4-18NS	5	2	R148S18	R148S18	R148S18
1 3/4-20UN	5	2	R148N20	R148N20	R148N20
1 7/8 - 4 1/2UN	7-5/16	3-9/16	R156N4.5	R156N4.5	R156N4.5
1 7/8-5UN	7-5/16	3-9/16	R156N5	R156N5	R156N5
1 7/8-8UN	7-5/16	3-9/16	R156N8	R156N8	R156N8
1 7/8-10NS	5	2	R156S10	R156S10	R156S10
1 7/8-12UN	5	2	R156N12	R156N12	R156N12
1 7/8-16UN	5	2	R156N16	R156N16	R156N16
1 7/8-20UN	5	2	R156N20	R156N20	R156N20
1 15/16-16NS	5	2	R160S16	R160S16	R160S16
2-4 1/2NC	7-5/8	3-9/16	R200	R200	R200
2-6UN	7-5/8	3-9/16	R200N6	R200N6	R200N6
2-8UN	7-5/8	3-9/16	R200N8	R200N8	R200N8
2-10NS	5	2	R200S10	R200S10	R200S10
2-12UN	5	2	R200N12	R200N12	R200N12
2-16UN	5	2	R200N16	R200N16	R200N16
2-20UN	5	2	R200N20	R200N20	R200N20
2 1/8-12UN	5-1/4	2	R208N12	R208N12	R208N12
2 1/8-16UN	5-1/4	2	R208N16	R208N16	R208N16
2 1/8-8UN	8	3-9/16	R208N8	R208N8	R208N8
2 1/4 - 4 1/2NC	8-1/4	3-9/16	R216	R216	R216

HSS M2 Fully Ground Hand Taps

Imperial Size Series

Size	OAL	FL	HT02W00	HP02W00	HB02W00
13/16-24NS	4-15/32	2	R052S24	R052S24	R052S24
13/16-27NS	4-15/32	2	R052S27	R052S27	R052S27
13/16-28UN	4-15/32	2	R052N28	R052N28	R052N28
13/16-32UN	4-15/32	2	R052N32	R052N32	R052N32
7/8-9NC	4-11/16	2-7/32	R056	R056	R056
7/8-12UN	4-11/16	2-7/32	R056N12	R056N12	R056N12
7/8-14NF	4-11/16	2-7/32	R056F	R056F	R056F
7/8-16UN	4-11/16	2-7/32	R056N16	R056N16	R056N16
7/8-18NS	4-11/16	2-7/32	R056S18	R056S18	R056S18
7/8-20NEF	4-11/16	2-7/32	R056EF	R056EF	R056EF
7/8-24NS	4-11/16	2-7/32	R056S24	R056S24	R056S24
7/8-27NS	4-11/16	2-7/32	R056S27	R056S27	R056S27
7/8-28UN	4-11/16	2-7/32	R056N28	R056N28	R056N28
7/8-32UN	4-11/16	2-7/32	R056N32	R056N32	R056N32
15/16-12UN	4-29/32	2-7/32	R060N12	R060N12	R060N12
15/16-14UN	4-29/32	2-7/32	R060N14	R060N14	R060N14
15/16-16UN	4-29/32	2-7/32	R060N16	R060N16	R060N16
15/16-18NS	4-29/32	2-7/32	R060S18	R060S18	R060S18
15/16-20NEF	4-29/32	2-7/32	R060EF	R060EF	R060EF
15/16-24NS	4-29/32	2-7/32	R060S24	R060S24	R060S24
15/16-27NS	4-29/32	2-7/32	R060S27	R060S27	R060S27
15/16-32UN	4-29/32	2-7/32	R060N32	R060N32	R060N32
1-8NC	5-1/8	2-1/2	R100	R100	R100
1-10NS	5-1/8	2-1/2	R100S10	R100S10	R100S10
1-12NF	5-1/8	2-1/2	R100F	R100F	R100F
1-14NS	5-1/8	2-1/2	R100S14	R100S14	R100S14
1-16UN	5-1/8	2-1/2	R100N16	R100N16	R100N16
1-18NS	5-1/8	2-1/2	R100S18	R100S18	R100S18
1-20NEF	5-1/8	2-1/2	R100EF	R100EF	R100EF
1-24NS	5-1/8	2-1/2	R100S24	R100S24	R100S24

Size	OAL	FL	HT02W00	HP02W00	HB02W00
2 1/4-8UN	8-1/4	3-9/16	R216N8	R216N8	R216N8
2 1/4-12UN	5-1/4	2	R216N12	R216N12	R216N12
2 3/8 - 4 1/2UN	8-1/2	4	R224N4.5	R224N4.5	R224N4.5
2 3/8-8UN	8-1/2	4	R224N8	R224N8	R224N8
2 3/8-12UN	5-1/4	2	R224N12	R224N12	R224N12
2 3/8-14NS	5-1/4	2	R224S14	R224S14	R224S14
2 1/2-4NC	8-3/4	4	R232	R232	R232
2 1/2-8UN	8-3/4	4	R232N8	R232N8	R232N8
2 1/2-12UN	5-1/4	2	R232N12	R232N12	R232N12
2 1/2-16UN	5-1/4	2	R232N16	R232N16	R232N16
2 5/8-16UN	5-1/2	2	R240N16	R240N16	R240N16
2 5/8-18NS	5-1/2	2	R240S18	R240S18	R240S18
2 3/4-8UN	9-1/4	4	R248N8	R248N8	R248N8
2 3/4-12UN	5-1/2	2	R248N12	R248N12	R248N12
2 3/4-16UN	5-1/2	2	R248N16	R248N16	R248N16
2 3/4-18NS	5-1/2	2	R248S18	R248S18	R248S18
2 7/8-12UN	5-1/2	2	R256N12	R256N12	R256N12
3-4NC	9-3/4	4-9/16	R300	R300	R300
3-8UN	9-3/4	4-9/16	R300N8	R300N8	R300N8
3-12UN	5-1/2	2	R300N12	R300N12	R300N12
3-16UN	5-1/2	2	R300N16	R300N16	R300N16
3 1/4-4NC	10	4-9/16	R316	R316	R316
3 1/4-8UN	10	4-9/16	R316N8	R316N8	R316N8
3 1/4-12UN	5-3/4	2	R316N12	R316N12	R316N12
3 1/2-12UN	5-3/4	2	R332N12	R332N12	R332N12
3 3/4-8UN	10-1/2	5-5/16	R348N8	R348N8	R348N8
3 3/4-12UN	6	2	R348N12	R348N12	R348N12
3 7/8-12UN	6	2	R356N12	R356N12	R356N12
4-8UN	10-3/4	5-5/16	R400N8	R400N8	R400N8

Metric Size Series

Size	OAL	FL	HT02W00	HP02W00	HB02W00
M2 X 0.35	1-3/4	7/16	RM020F1	RM020F1	RM020F1
M2 X 0.4	1-3/4	7/16	RM020F	RM020F	RM020F
M2 X 0.45	1-3/4	7/16	RM020	RM020	RM020
M2.2 X 0.25	1-3/4	7/16	RM022F	RM022F	RM022F
M2.2 X 0.45	1-3/4	7/16	RM022	RM022	RM022
M2.3 X 0.4	1-3/4	7/16	RM023	RM023	RM023
M2.5 X 0.35	1-13/16	1/2	RM025F1	RM025F1	RM025F1
M2.5 X 0.45	1-13/16	1/2	RM025F	RM025F	RM025F
M2.5 X 0.5	1-13/16	1/2	RM025	RM025	RM025
M2.6 X 0.45	1-13/16	1/2	RM026	RM026	RM026
M3 X 0.35	1-15/16	5/8	RM030F1	RM030F1	RM030F1
M3 X 0.5	1-15/16	5/8	RM030F	RM030F	RM030F
M3 X 0.6	1-15/16	5/8	RM030	RM030	RM030
M3.5 X 0.35	2	11/16	RM035F	RM035F	RM035F
M3.5 X 0.6	2	11/16	RM035	RM035	RM035

Size	OAL	FL	HT02W00	HP02W00	HB02W00
M19 X 1.5	4-1/4	2	RM190F	RM190F	RM190F
M19 X 2	4-1/4	2	RM190	RM190	RM190
M20 X 1	4-15/32	2	RM200F4	RM200F4	RM200F4
M20 X 1.25	4-15/32	2	RM200F3	RM200F3	RM200F3
M20 X 1.5	4-15/32	2	RM200F2	RM200F2	RM200F2
M20 X 1.75	4-15/32	2	RM200F1	RM200F1	RM200F1
M20 X 2	4-15/32	2	RM200F	RM200F	RM200F
M20 X 2.5	4-15/32	2	RM200	RM200	RM200
M21 X 1	4-11/16	2-7/32	RM210F1	RM210F1	RM210F1
M21 X 1.5	4-11/16	2-7/32	RM210F	RM210F	RM210F
M21 X 2	4-11/16	2-7/32	RM210	RM210	RM210
M22 X 1	4-11/16	2-7/32	RM220F4	RM220F4	RM220F4
M22 X 1.25	4-11/16	2-7/32	RM220F3	RM220F3	RM220F3
M22 X 1.5	4-11/16	2-7/32	RM220F2	RM220F2	RM220F2
M22 X 1.75	4-11/16	2-7/32	RM220F1	RM220F1	RM220F1

HSS M2 Fully Ground Hand Taps

Metric Size Series

Size	OAL	FL	HT02W00	HP02W00	HB02W00
M4 X 0.35	2-1/8	3/4	RM040F2	RM040F2	RM040F2
M4 X 0.5	2-1/8	3/4	RM040F1	RM040F1	RM040F1
M4 X 0.7	2-1/8	3/4	RM040F	RM040F	RM040F
M4 X 0.75	2-1/8	3/4	RM040	RM040	RM040
M4.5 X 0.5	2-3/8	7/8	RM045F1	RM045F1	RM045F1
M4.5 X 0.7	2-3/8	7/8	RM045F	RM045F	RM045F
M4.5 X 0.75	2-3/8	7/8	RM045	RM045	RM045
M5 X 0.5	2-3/8	7/8	RM050F3	RM050F3	RM050F3
M5 X 0.75	2-3/8	7/8	RM050F2	RM050F2	RM050F2
M5 X 0.8	2-3/8	7/8	RM050F1	RM050F1	RM050F1
M5 X 0.9	2-3/8	7/8	RM050F	RM050F	RM050F
M5 X 1.0	2-3/8	7/8	RM050	RM050	RM050
M5.5 X 0.5	2-3/8	15/16	RM055F	RM055F	RM055F
M5.5 X 0.9	2-3/8	15/16	RM055	RM055	RM055
M6 X 0.5	2-1/2	1	RM060F2	RM060F2	RM060F2
M6 X 0.75	2-1/2	1	RM060F1	RM060F1	RM060F1
M6 X 1	2-1/2	1	RM060F	RM060F	RM060F
M6 X 1.25	2-1/2	1	RM060	RM060	RM060
M6.3 X 1	2-1/2	1	RM063	RM063	RM063
M7 X 0.5	2-23/32	1-1/8	RM070F2	RM070F2	RM070F2
M7 X 0.75	2-23/32	1-1/8	RM070F1	RM070F1	RM070F1
M7 X 1	2-23/32	1-1/8	RM070F	RM070F	RM070F
M7 X 1.25	2-23/32	1-1/8	RM070	RM070	RM070
M8 X 0.5	2-23/32	1-1/8	RM080F3	RM080F3	RM080F3
M8 X 0.75	2-23/32	1-1/8	RM080F2	RM080F2	RM080F2
M8 X 1	2-23/32	1-1/8	RM080F1	RM080F1	RM080F1
M8 X 1.25	2-23/32	1-1/8	RM080F	RM080F	RM080F
M8 X 1.5	2-23/32	1-1/8	RM080	RM080	RM080
M9 X 0.5	2-15/16	1-1/4	RM090F2	RM090F2	RM090F2
M9 X 0.75	2-15/16	1-1/4	RM090F1	RM090F1	RM090F1
M9 X 1	2-15/16	1-1/4	RM090F	RM090F	RM090F
M9 X 1.25	2-15/16	1-1/4	RM090	RM090	RM090
M10 X 0.5	2-15/16	1-1/4	RM100.50	RM100F3	RM100F3
M10 X 0.75	2-15/16	1-1/4	RM100F2	RM100F2	RM100F2
M10 X 1	2-15/16	1-1/4	RM100F1	RM100F1	RM100F1
M10 X 1.25	2-15/16	1-1/4	RM100F	RM100F	RM100F
M10 X 1.5	2-15/16	1-1/4	RM100	RM100	RM100
M11 X 0.5	3-5/32	1-7/16	RM110F4	RM110F4	RM110F4
M11 X 0.75	3-5/32	1-7/16	RM110F3	RM110F3	RM110F3
M11 X 1	3-5/32	1-7/16	RM110F2	RM110F2	RM110F2
M11 X 1.25	3-5/32	1-7/16	RM110F1	RM110F1	RM110F1
M11 X 1.5	3-5/32	1-7/16	RM110F	RM110F	RM110F
M11 X 1.75	3-5/32	1-7/16	RM110	RM110	RM110
M12 X 0.5	3-3/8	1-21/32	RM120F4	RM120F4	RM120F4
M12 X 0.75	3-3/8	1-21/32	RM120F3	RM120F3	RM120F3
M12 X 1	3-3/8	1-21/32	RM120F2	RM120F2	RM120F2
M12 X 1.25	3-3/8	1-21/32	RM120F1	RM120F1	RM120F1
M12 X 1.5	3-3/8	1-21/32	RM120F	RM120F	RM120F
M12 X 1.75	3-3/8	1-21/32	RM120	RM120	RM120
M13 X 0.5	3-3/8	1-21/32	RM130F5	RM130F5	RM130F5

Size	OAL	FL	HT02W00	HP02W00	HB02W00
M22 X 2	4-11/16	2-7/32	RM220F	RM220F	RM220F
M22 X 2.5	4-11/16	2-7/32	RM220	RM220	RM220
M23 X 1.5	4-29/32	2-7/32	RM230	RM230	RM230
M24 X 1	4-29/32	2-7/32	RM240F4	RM240F4	RM240F4
M24 X 1.25	4-29/32	2-7/32	RM240F3	RM240F3	RM240F3
M24 X 1.5	4-29/32	2-7/32	RM240F2	RM240F2	RM240F2
M24 X 2	4-29/32	2-7/32	RM240F1	RM240F1	RM240F1
M24 X 2.5	4-29/32	2-7/32	RM240F	RM240F	RM240F
M24 X 3	4-29/32	2-7/32	RM240	RM240	RM240
M25 X 1	5-1/8	2-1/2	RM250F3	RM250F3	RM250F3
M25 X 1.5	5-1/8	2-1/2	RM250F2	RM250F2	RM250F2
M25 X 2	5-1/8	2-1/2	RM250F1	RM250F1	RM250F1
M25 X 2.5	5-1/8	2-1/2	RM250F	RM250F	RM250F
M25 X 3	5-1/8	2-1/2	RM250	RM250	RM250
M26 X 1.5	5-1/8	2-1/2	RM260F	RM260F	RM260F
M26 X 2	5-1/8	2-1/2	RM260	RM260	RM260
M27 X 1	4	1-1/2	RM270F2	RM270F2	RM270F2
M27 X 1.5	4	1-1/2	RM270F1	RM270F1	RM270F1
M27 X 2	5-1/8	2-1/2	RM270F	RM270F	RM270F
M27 X 3	5-1/8	2-1/2	RM270	RM270	RM270
M28 X 1	4	1-1/2	RM280F2	RM280F2	RM280F2
M28 X 1.5	4	1-1/2	RM280F1	RM280F1	RM280F1
M28 X 2	5-7/16	2-9/16	RM280F	RM280F	RM280F
M28 X 2.5	5-7/16	2-9/16	RM280	RM280	RM280
M29 X 2	5-7/16	2-9/16	RM290	RM290	RM290
M30 X 1	4	1-1/2	RM300F4	RM300F4	RM300F4
M30 X 1.5	4	1-1/2	RM300F3	RM300F3	RM300F3
M30 X 2	5-7/16	2-9/16	RM300F2	RM300F2	RM300F2
M30 X 2.5	5-7/16	2-9/16	RM300F1	RM300F1	RM300F1
M30 X 3	5-7/16	2-9/16	RM300F	RM300F	RM300F
M30 X 3.5	5-7/16	2-9/16	RM300	RM300	RM300
M32 X 1.5	4	1-1/2	RM320F1	RM320F1	RM320F1
M32 X 2	5-3/4	2-9/16	RM320F	RM320F	RM320F
M32 X 3	5-3/4	2-9/16	RM320	RM320	RM320
M33 X 1	4	1-1/2	RM330F3	RM330F3	RM330F3
M33 X 1.5	4	1-1/2	RM330F2	RM330F2	RM330F2
M33 X 2	5-3/4	2-9/16	RM330F1	RM330F1	RM330F1
M33 X 3	5-3/4	2-9/16	RM330F	RM330F	RM330F
M33 X 3.5	5-3/4	2-9/16	RM330	RM330	RM330
M34 X 3.5	6-1/16	3	RM340	RM340	RM340
M35 X 1	4	1-1/2	RM350F2	RM350F2	RM350F2
M35 X 1.5	4	1-1/2	RM350F1	RM350F1	RM350F1
M35 X 2	6-1/16	3	RM350F	RM350F	RM350F
M35 X 3	6-1/16	3	RM350	RM350	RM350
M36 X 1.5	4	1-1/2	RM360F2	RM360F2	RM360F2
M36 X 2	6-1/16	3	RM360F1	RM360F1	RM360F1
M36 X 3	6-1/16	3	RM360F	RM360F	RM360F
M36 X 4	6-1/16	3	RM360	RM360	RM360
M38 X 1.5	4	1-1/2	RM380F	RM380F	RM380F
M38 X 4	6-3/8	3	RM380	RM380	RM380

HSS M2 Fully Ground Hand Taps

Metric Size Series

Size	OAL	FL	HT02W00	HP02W00	HB02W00
M13 X 0.75	3-3/8	1-21/32	RM130F4	RM130F4	RM130F4
M13 X 1	3-3/8	1-21/32	RM130F3	RM130F3	RM130F3
M13 X 1.25	3-3/8	1-21/32	RM130F2	RM130F2	RM130F2
M13 X 1.5	3-3/8	1-21/32	RM130F1	RM130F1	RM130F1
M13 X 1.75	3-3/8	1-21/32	RM130F	RM130F	RM130F
M13 X 2	3-3/8	1-21/32	RM130	RM130	RM130
M14 X 0.5	3-19/32	1-21/32	RM140F5	RM140F5	RM140F5
M14 X 0.75	3-19/32	1-21/32	RM140F4	RM140F4	RM140F4
M14 X 1	3-19/32	1-21/32	RM140F3	RM140F3	RM140F3
M14 X 1.25	3-19/32	1-21/32	RM140F2	RM140F2	RM140F2
M14 X 1.5	3-19/32	1-21/32	RM140F1	RM140F1	RM140F1
M14 X 1.75	3-19/32	1-21/32	RM140F	RM140F	RM140F
M14 X 2	3-19/32	1-21/32	RM140	RM140	RM140
M15 X 1	3-13/16	1-13/16	RM150F2	RM150F2	RM150F2
M15 X 1.25	3-13/16	1-13/16	RM150F1	RM150F1	RM150F1
M15 X 1.5	3-13/16	1-13/16	RM150F	RM150F	RM150F
M15 X 2	3-13/16	1-13/16	RM150	RM150	RM150
M16 X 0.5	3-13/16	1-13/16	RM160F4	RM160F4	RM160F4
M16 X 0.75	3-13/16	1-13/16	RM160F3	RM160F3	RM160F3
M16 X 1	3-13/16	1-13/16	RM160F2	RM160F2	RM160F2
M16 X 1.5	3-13/16	1-13/16	RM160F1	RM160F1	RM160F1
M16 X 1.75	3-13/16	1-13/16	RM160F	RM160F	RM160F
M16 X 2	3-13/16	1-13/16	RM160	RM160	RM160
M17 X 1	4-1/32	1-13/16	RM170F2	RM170F2	RM170F2
M17 X 1.25	4-1/32	1-13/16	RM170F1	RM170F1	RM170F1
M17 X 1.5	4-1/32	1-13/16	RM170F	RM170F	RM170F
M17 X 2	4-1/32	1-13/16	RM170	RM170	RM170
M18 X 1	4-1/32	1-13/16	RM180F4	RM180F4	RM180F4
M18 X 1.25	4-1/32	1-13/16	RM180F3	RM180F3	RM180F3
M18 X 1.5	4-1/32	1-13/16	RM180F2	RM180F2	RM180F2
M18 X 1.75	4-1/32	1-13/16	RM180F1	RM180F1	RM180F1
M18 X 2	4-1/32	1-13/16	RM180F	RM180F	RM180F
M18 X 2.5	4-1/32	1-13/16	RM180	RM180	RM180
M19 X 1	4-1/4	2	RM190F1	RM190F1	RM190F1

Size	OAL	FL	HT02W00	HP02W00	HB02W00
M39 X 1.5	5	2	RM390F2	RM390F2	RM390F2
M39 X 2	5	2	RM390F1	RM390F1	RM390F1
M39 X 3	6-11/16	3-3/16	RM390F	RM390F	RM390F
M39 X 4	6-11/16	3-3/16	RM390	RM390	RM390
M40 X 1.5	5	2	RM400F2	RM400F2	RM400F2
M40 X 2	5	2	RM400F1	RM400F1	RM400F1
M40 X 2.5	5	2	RM400F	RM400F	RM400F
M40 X 3	6-11/16	3-3/16	RM400	RM400	RM400
M42 X 1.5	5	2	RM420F2	RM420F2	RM420F2
M42 X 2	5	2	RM420F1	RM420F1	RM420F1
M42 X 3	7	3-3/16	RM420F	RM420F	RM420F
M42 X 4.5	7	3-3/16	RM420	RM420	RM420
M44 X 2	5	2	RM440	RM440	RM440
M45 X 1.5	5	2	RM450F3	RM450F3	RM450F3
M45 X 2	5	2	RM450F2	RM450F2	RM450F2
M45 X 3	7-5/16	3-9/16	RM450F1	RM450F1	RM450F1
M45 X 4	7-5/16	3-9/16	RM450F	RM450F	RM450F
M45 X 4.5	7-5/16	3-9/16	RM450	RM450	RM450
M46 X 2	5	2	RM460	RM460	RM460
M48 X 1.5	5	2	RM480F4	RM480F4	RM480F4
M48 X 2	5	2	RM480F3	RM480F3	RM480F3
M48 X 3	7-5/8	3-9/16	RM480F2	RM480F2	RM480F2
M48 X 4	7-5/8	3-9/16	RM480F1	RM480F1	RM480F1
M48 X 4.5	7-5/8	3-9/16	RM480F	RM480F	RM480F
M48 X 5	7-5/8	3-9/16	RM480	RM480	RM480
M50 X 1.5	5	2	RM500F2	RM500F2	RM500F2
M50 X 2	5	2	RM500F1	RM500F1	RM500F1
M50 X 3	7-5/8	3-9/16	RM500F	RM500F	RM500F
M50 X 5	7-5/8	3-9/16	RM500	RM500	RM500
M52 X 1.5	5-1/4	2	RM520F3	RM520F3	RM520F3
M52 X 2	5-1/4	2	RM520F2	RM520F2	RM520F2
M52 X 3	8	3-9/16	RM520F1	RM520F1	RM520F1
M52 X 4	8	3-9/16	RM520F	RM520F	RM520F
M52 X 5	8	3-9/16	RM520	RM520	RM520