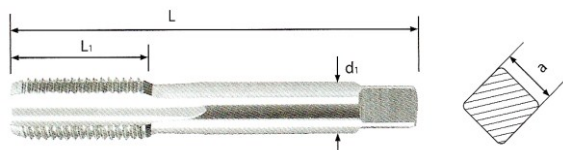


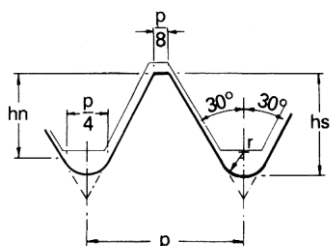
Taps UNC Straight Flute



Taps UNC Straight Flute
 Suitable for hand and machine tapping of through and blind holes
 Manufactured to ISO 529
 Tolerance Class 2 for 2B` fit
 Silver finish



Code	Size	d1 mm	L1 mm	L mm	a mm
21-507-742	1/4	6.3	19	66	5
21-507-743	5/16	8	22	72	6.3
21-507-744	3/8	10	24	80	8
21-507-745	7/16	8	25	85	6.3
21-507-746	1/2	9	29	89	7.1
21-507-747	9/16	11.2	30	95	9
21-507-748	5/8	12.5	32	102	10
21-507-749	3/4	14	37	112	11.2



$r = \text{Basic Radius} = 0.1443 p$
 $hn = \text{Basic Height of Internal Thread \& Depth of Thread Engagement} = 0.54127p$
 $hs = \text{Basic Height of External Thread} = 0.61344 p$
 $p = \text{Pitch} = 1/\text{tpi}$

Set Code	Size Inch	Pitch TPI	Basic Major Dia. Inch	Basic Minor Dia. Inch	Basic Thread Depth Inch	Tapping Drill mm	Clearance Drill mm
21-507-742	1/4	20	0.2500	0.1887	0.031	5.1	6.5
21-507-743	5/16	18	0.3125	0.2443	0.034	6.6	8.1
21-507-744	3/8	16	0.3750	0.2983	0.038	8.0	9.7
21-507-745	7/16	14	0.4375	0.3499	0.044	9.4	11.3
21-507-746	1/2	13	0.5000	0.4056	0.047	10.8	13.0
21-507-747	9/16	12	0.5625	0.4603	0.051	12.2	14.5
21-507-748	5/8	11	0.6250	0.5135	0.056	13.5	16.25
21-507-749	3/4	10	0.7500	0.6273	0.061	16.5	19.25

Packed Weight and Dimensions

Set Code	Size Inch	Pitch TPI	Weight g	W mm	H mm	L mm
21-507-742	1/4	20	45	36	11	82
21-507-743	5/16	18	69	36	11	82
21-507-744	3/8	16	106	46	15	99
21-507-745	7/16	14	107	46	15	99
21-507-746	1/2	13	141	46	15	99
21-507-747	9/16	12	196	58	18	115
21-507-748	5/8	11	249	58	20	115
21-507-749	3/4	10	410	70	25	128