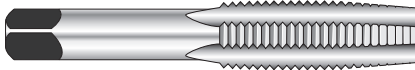


HIGH SPEED STEEL LEFT HAND TAPS

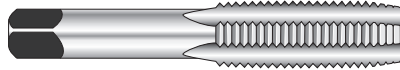
ICS USA

SPECIAL PURPOSE

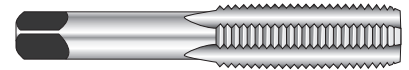
GROUND THREAD



TAPER TAP
7-10 Thread Chamfer
at 5 degrees per side



PLUG TAP
3-5 Thread Chamfer
at 8 degrees per side



BOTTOMING TAP
1-2 Thread Chamfer
at 18 degrees per side

High Speed Steel Left Hand Taps with straight flutes are designed to cut threads with a left hand rotation and are commonly used in applications where left hand studs and fasteners are needed. They can be used by hand or in production machines where ground thread accuracy and performance are required. They are suitable for tapping most materials in through or blind holes.

SIZE	THREADS PER INCH			NO. OF FLUTES	LIMIT NO.	PRICE	
	NC UNC	NF UNF	NS			TAPER PLUG or BOTTOM	TAPER, PLUG & BOTTOM 3 PC SET
						SHTL	SHTLS
6	32	-	-	3	H3	7.42	22.26
8	32	-	-	4	H3	7.42	22.26
10	24	32	-	4	H3	7.42	22.26
1/4	20	28	-	4	H3	7.70	23.10
5/16	18	24	-	4	H3	8.62	25.86
3/8	16	24	-	4	H3	10.38	31.14
7/16	14	20	-	4	H3	15.36	46.08
1/2	13	20	-	4	H3	18.06	54.18
9/16	12	18	-	4	H3	23.46	70.38

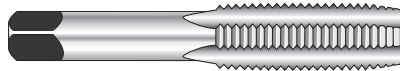
SIZE	THREADS PER INCH			NO. OF FLUTES	LIMIT NO.	PRICE	
	NC UNC	NF UNF	NS			TAPER PLUG or BOTTOM	TAPER, PLUG & BOTTOM 3 PC SET
						SHTL	SHTLS
5/8	11	18	-	4	H3	29.06	87.18
3/4	10	16	-	4	H3	40.70	122.10
7/8	9	14	12	4	H4	55.80	167.40
1	8	12	14	4	H4	76.52	229.56
1-1/8	7	12	8	4	H4	111.50	-
1-1/4	7	12	8	4-6	H4	149.30	-
1-3/8	6	12	8	4-6	H4	184.94	-
1-1/2	6	12	8	4-6	H4	219.68	-
1-3/4	-	-	8	6	H4	239.86	-

HIGH SPEED STEEL +.005 OVERSIZE HAND TAPS

ICS USA

SPECIAL PURPOSE

GROUND THREAD



PLUG CHAMFER

High Speed Steel +.005 Oversize Hand Taps are designed to be used where a part will be plated or heat treated after tapping or where a loss of size is expected. They produce threads with a pitch diameter that is .005 larger than the basic pitch diameter. They are suitable for most materials in through or blind holes, especially plastics and synthetic resins. They are also referred to as Pre-Plate Taps.

SIZE	THREADS PER INCH			NO. OF FLUTES	PRICE	
	NC UNC	NF UNF	NS		HSS	SHTO
6	32	40	-	3	7.34	
8	32	36	-	4	7.34	
10	24	32	-	4	7.34	
1/4	20	28	-	4	7.34	
5/16	18	24	-	4	8.62	
3/8	16	24	-	4	10.44	
7/16	14	20	-	4	17.40	
1/2	13	20	-	4	18.08	

SIZE	THREADS PER INCH			NO. OF FLUTES	PRICE	
	NC UNC	NF UNF	NS		HSS	SHTO
5/8	11	18	-	4	35.46	
3/4	10	16	-	4	49.66	
7/8	9	14	-	4	58.94	
1	8	12	14	4	78.54	
1-1/8	7	12	-	4-6	101.40	
1-1/4	7	12	-	4-6	128.84	
1-3/8	6	12	-	4-6	158.40	
1-1/2	6	12	-	4-6	186.04	

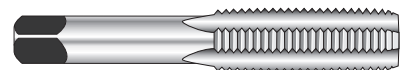
HIGH SPEED STEEL SPECIAL OVERSIZE HAND TAPS

ICS USA

SPECIAL PURPOSE

GROUND THREAD

STEAM HOMO
THREAD PROTECTION



SPECIAL BOTTOM CHAMFER

Special Oversize Hand Taps are used for tough dirty jobs. Profiled (flame cut) parts, with scale, and punched holes with burrs. The parts are subsequently shot-blasted and hot dip galvanized. The amount of oversize is to allow for heavy zinc deposition in the threads. They are also referred to as Pre-Plate Taps.

SIZE	THREADS PER INCH	NO. OF FLUTES	DECIMAL OVERSIZE	PRICE	
				HSS	OHT
1/4	20	4	+.015	-	
5/16	18	4	+.015	CALL FOR PRICE	
3/8	16	4	+.015	CALL FOR PRICE	
1/2	13	4	+.020	-	
5/8	11	4	+.020	-	
3/4	10	4	+.020	-	

SIZE	THREADS PER INCH	NO. OF FLUTES	DECIMAL OVERSIZE	PRICE	
				HSS	OHT
1	8	4	+.020	-	
1-1/8	7	4	+.030	CALL FOR PRICE	
1-1/4	7	4	+.030	CALL FOR PRICE	
1-3/8	6	6	+.030	-	
1-1/2	6	6	+.030	-	

* Inquire for special oversize hand taps not listed.

* Price quoted upon request.