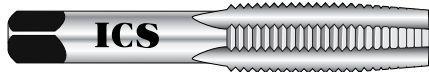


HIGH SPEED STEEL LEFT HAND TAPS

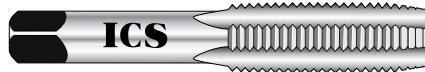
ICS USA

SPECIAL PURPOSE

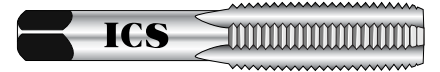
GROUND THREAD



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	NC UNC	NF UNF	NO. OF FLUTES	LIMIT NO.	TAPER PLUG BOTTOM	TAPER, PLUG BOTTOM 3-PC SET
					SHTL	SHTLS
6	32	-	3	H3	\$7.06	\$21.18
8	32	-	4	H3	7.06	21.18
10	24	32	4	H3	7.06	21.18
1/4	20	28	4	H3	7.32	24.60
5/16	18	24	4	H3	8.20	21.96
3/8	16	24	4	H3	9.88	29.64
7/16	14	20	4	H3	14.62	43.82
1/2	13	20	4	H3	17.20	51.56
9/16	12	18	4	H3	22.34	67.00

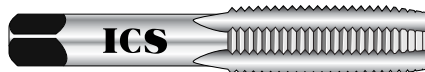
SIZE	NC UNC	NF UNF	NS	NO. OF FLUTES	LIMIT NO.	TAPER PLUG BOTTOM	TAPER, PLUG BOTTOM 3-PC set
						SHTL	SHTLS
5/8	11	18	-	4	H3	\$27.68	\$83.00
3/4	10	16	-	4	H3	38.76	116.26
7/8	9	14	12	4	H4	53.14	159.40
1	8	12	14	4	H4	72.88	218.62
1-1/8	7	12	8	4	H4	106.18	-
1-1/4	7	12	8	4-6	H4	142.18	-
1-3/8	6	12	8	4-6	H4	176.12	-
1-1/2	6	12	8	4-6	H4	209.22	-
1-3/4	-	-	8	6	H4	228.44	-

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 EACH
	NC UNC	NF UNF	NS		HSS SHTO
6	32	40	-	3	\$6.98
8	32	36	-	4	6.98
10	24	32	-	4	6.98
1/4	20	28	-	4	6.98
5/16	18	24	-	4	8.20
3/8	16	24	-	4	9.94
7/16	14	20	-	4	16.56
1/2	13	20	-	4	17.22

SIZE	THREADS PER INCH			NO. OF FLUTES	PRICE EACH
	NC UNC	NF UNF	NS		HSS SHTO
5/8	11	18	-	4	\$33.76
3/4	10	16	-	4	47.30
7/8	9	14	-	4	56.12
1	8	12	14	4	74.80
1-1/8	7	12	-	4-6	96.56
1-1/4	7	12	-	4-6	122.70
1-3/8	6	12	-	4-6	150.86
1-1/2	6	12	-	4-6	177.18

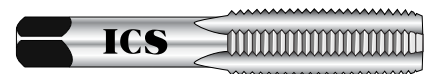
HIGH SPEED STEEL SPECIAL OVERSIZE HAND TAPS

ICS WIS

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 burs. 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 EACH
				HSS SOHT
1/4	20	4	+.015	\$10.26
5/16	18	4	.015	12.04
3/8	16	4	.015	15.94
1/2	13	4	.020	21.02
5/8	11	4	.020	31.72
3/4	10	4	.020	45.44

SIZE	THREADS PER INCH	NO. OF FLUTES	DECIMAL OVERSIZE	PRICE EACH
				HSS SOHT
1	8	4	+.020	\$80.56
1-1/8	7	4	.030	*
1-1/4	7	4	.030	144.00
1-3/8	6	6	.030	188.58
1-1/2	6	6	.030	221.48

* Inquire for special oversize hand taps no listed.

* Price quoted upon request.