



HIGH SPEED STEEL

# HAND TAPS

## STANDARD

### PLUG

#### 3-5 THREAD CHAMFER

Most versatile choice for through or blindholes.

### TAPER

#### 7-10 THREAD CHAMFER

Have longest standard chamfer for easier starts and less torque.

### BOTTOMING

#### 1-2 THREAD CHAMFER

Designed for threading near the bottom of blindholes.

Please specify plug, bottoming or taper chamfer when ordering.

- ▶ LIST NO. 770 — HIGH SPEED STEEL, GROUND THREAD
- ▶ LIST NO. 770 SET — 3 PIECE SET, PLUG, BOTTOMING AND TAPER CHAMFER



Hand taps are the most commonly used general purpose tap. They are recommended for tapping free machining steels, stainless steels, aluminum, zinc and ductile material. Hand taps are utilized in either through or blind hole tapping.

## FRACTIONAL SIZES

Size	Threads Per Inch	Thread Limits	No. of Flutes	Price Each	
				List No. 770	3Pc. Set List No. 770 Set
1/4	20	H3	4	6.79	20.37
1/4	28	H3	4	6.79	20.37
5/16	18	H3	4	8.92	26.76
5/16	24	H3	4	8.92	26.76
3/8	16	H3	4	10.12	30.36
3/8	24	H3	4	10.12	30.36
7/16	14	H3	4	17.30	51.90
7/16	20	H3	4	17.30	51.90
1/2	13	H3	4	18.10	54.30
1/2	20	H3	4	20.50	61.50
9/16	12	H3	4	30.37	91.11
9/16	18	H3	4	30.37	91.11
5/8	11	H3	4	36.47	109.41
5/8	18	H3	4	36.47	109.41
11/16	11	H3	4	45.25	135.75
11/16	16	H3	4	45.25	135.75

Size	Threads Per Inch	Thread Limits	No. of Flutes	Price Each	
				List No. 770	3Pc. Set List No. 770 Set
3/4	10	H3	4	51.00	153.00
3/4	16	H3	4	51.00	153.00
7/8	9	H4	4	71.20	213.60
7/8	14	H4	4	71.20	213.60
1	8	H4	4	94.60	283.80
1	12	H4	4	97.67	293.01
1	14	H4	4	97.67	293.01
1-1/8	7	H4	4	153.30	459.90
1-1/8	12	H4	4	162.30	486.90
1-1/4	7	H4	4	201.44	604.32
1-1/4	12	H4	6	204.70	614.10
1-3/8	6	H4	4	253.45	760.35
1-3/8	12	H4	6	255.20	765.60
1-1/2	6	H4	4	283.40	850.20
1-1/2	12	H4	6	288.25	864.75
2	4 -1/2	H4	6	435.55	1306.65

## MACHINE SCREW SIZES

Size	Threads Per Inch	Thread Limits	No. of Flutes	Price Each	
				List No. 770	3Pc. Set List No. 770 Set
0	80	H1	2	16.40	49.20
1	64	H1	2	15.35	46.05
1	72	H2	2	15.35	46.05
2	56	H2	3	13.15	39.45
2	64	H2	3	14.25	42.75
3	48	H2	3	10.12	30.36
3	56	H2	3	11.28	33.84
4	36	H2	3	8.95	26.85
4	40	H2	3	8.30	24.90
4	48	H2	3	8.92	26.76

Size	Threads Per Inch	Thread Limits	No. of Flutes	Price Each	
				List No. 770	3Pc. Set List No. 770 Set
5	40	H2	3	8.30	24.90
5	44	H2	3	8.92	26.76
6	32	H3	3	6.40	19.20
6	40	H2	3	6.75	20.25
8	32	H3	4	6.60	19.80
8	36	H2	4	6.75	20.25
10	24	H3	4	6.75	20.25
10	32	H3	4	6.75	20.25
12	24	H3	4	7.09	21.27
12	28	H3	4	7.80	23.40

HIGH SPEED STEEL

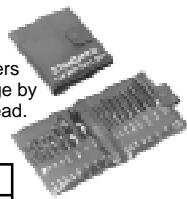
# STANDARD TAP AND DRILL SETS

### ◆ SET NO. 770R

Supplied in handy pouch.  
Features larger drill diameters which minimize tap breakage by reducing percentage of thread.

SET PRICE — \$49.95

8 Taps	8 Drills
Plug Chamfer	Tap Drill Size
6-32	7/64
8-32	#29
10-24	#23
10-32	#20
1/4-20	13/64
5/16-18	17/64
3/8-16	"P"
1/2-13	7/16



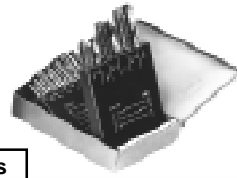
### ◆ SET NO. 770X

#### HAND TAPS

Supplied in metal index.  
Features smaller drill diameters to create more percentage of thread.

SET PRICE — \$72.50

9 Taps	9 Drills
Plug Chamfer	Tap Drill Size
6-32	#36
8-32	#29
10-24	#25
10-32	#21
1/4-20	#7
5/16-18	"F"
3/8-16	5/16
7/16-14	"U"
1/2-13	27/64

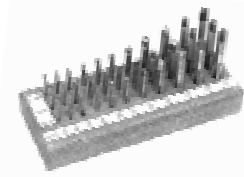


# HAND TAP SET

### ◆ SET NO. 770S

33 Piece Set  
Contains 1 piece each of:  
1/4-20, 5/16-18, 3/8-16, 7/16-14, 1/2-13, 4-40, 5-40, 6-32, 8-32, 10-24 and 10-32.  
All sizes in plug, bottoming and taper chamfer. Supplied in wood stand.

SET PRICE — \$149.95



### ◆ SET NO. 780X

#### SPIRAL POINT

Supplied in metal index.  
Features smaller drill diameters to create more percentage of thread.

SET PRICE — \$79.50