







**TAPER**



8 to 10 threads chamfered for easy thread starting in tough material.

**PLUG**

3 to 5 threads chamfered for general use when tapping to bottom of hole is not critical. **This is the most popular tap of all three styles.**

**BOTTOM**

1-1/2 threads chamfered for use after threads have been started. Used for clean tapping to bottom of holes.

**NC = National Course**  
**NF = National Fine**



**Packaging:**  
**Sizes**  
**0-80 → 1/2"-20**  
**5 / box**

**Sold Individually**  
**over 1/2"-20.**

DRILL THIS SIZE HOLE			TO TAP FOR THIS BOLT OR SCREW
DECIMAL INCHES	DRILL SIZE	NEAREST FRACTION	
.0469"	3/64"	3/64"	0-80 NF
.0595"	No. 53	none	1-64 NC
.0595"	No. 53	1/16"	1-72 NF
.0700"	No. 50	none	2-56 NC
.0700"	No. 50	none	2-64 NF
.0785"	No. 47	5/64"	3-48 NC
.0820"	No. 45	none	3-56 NF
.0860"	No. 44	none	4-36 NS
.0890"	No. 43	3/32"	4-40 NC
.0935"	No. 42	3/32"	4-48 NF
.0984"	2.5mm	none	3mm-0.60mm
.1015"	No. 38	none	1/8-40 NS
.1015"	No. 38	none	5-40 NC
.1040"	No. 37	none	5-44 NF
.1100"	No. 35	7/64"	6-32 NC
.1110"	No. 34	none	6-36 NS
.1130"	No. 33	none	6-40 NF
.1200"	No. 31	none	6-48 NS
.1338"	3.4mm	none	4mm-0.70mm
.1338"	3.4mm	none	4mm-0.75mm
.1360"	No. 29	none	8-32 NC
.1360"	No. 29	9/64"	8-36 NF
.1405"	No. 28	none	8-40 NS
.1470"	No. 26	none	3/16-24 NS
.1495"	No. 25	5/32"	10-24 NC
.1570"	No. 22	none	3/16-32 NS
.1590"	No. 21	5/32"	10-32 NF
.1653"	4.2mm	none	5mm-0.90mm
.1693"	4.3mm	none	5mm-0.80mm
.1770"	No. 16	11/64"	12-24 NC
.1820"	No. 14	3/16"	12-28 NF
.1850"	No. 13	none	12-32 NEF
.1935"	No. 10	none	14-20 NS
.2010"	No. 7	13/64"	1/4-20 NC
.2010"	No. 7	none	14-24 NS
.2047"	5.2mm	none	6mm-1.00mm
.2090"	No. 4	none	1/4-24 NS
.2130"	No. 3	7/32"	1/4-28 NF
.2188"	7/32"	7/32"	1/4-32 NEF
.2280"	No. 1	none	1/4-40 NS
.2401"	6.1mm	15/64"	7mm-1.00mm
.2570"	Ltr. F	17/64"	5/16-18 NC
.2716"	6.9mm	17/64"	8mm-1.25mm
.2720"	Ltr. I	none	5/16-24 NF
.2795"	7.1mm	none	8mm-1.00mm
.2812"	9/32"	9/32"	5/16-32 NEF
.3110"	7.9mm	none	9mm-1.25mm
.3125"	5/16"	5/16"	3/8-16 NC

DRILL THIS SIZE HOLE			TO TAP FOR THIS BOLT OR SCREW
DECIMAL INCHES	DRILL SIZE	NEAREST FRACTION	
.3189"	8.1mm	none	9mm-1.00mm
.3268"	8.3mm	none	9mm-0.75mm
.3320"	Ltr. Q	21/64"	3/8-24 NF
.3425"	8.7mm	none	10mm-1.50mm
.3503"	8.9mm	11/32"	10mm-1.25mm
.3583"	9.1mm	none	*10mm-1.00mm
.3680"	Ltr. U	23/64"	7/16"-14 NC
.3818"	9.7mm	none	11mm-1.50mm
.3906"	25/64"	25/64"	7/16-20 NF
.4133"	10.5mm	none	12mm-1.75mm
.4212"	10.7mm	27/64"	12mm-1.50mm
.4219"	27/64"	27/64"	1/2-13 NC
.4291"	10.9mm	27/64"	*12mm-1.25mm
.4531"	29/64"	29/64"	1/2-20 NF
.4531"	29/64"	29/64"	1/2-24 NS
.4803"	12.2mm	none	14mm-2.00mm
.4844"	31/64"	31/64"	9/16-12 NC
.4999"	12.7mm	none	14mm-1.50mm
.5039"	12.8mm	none	*14mm-1.25mm
.5156"	33/64"	33/64"	9/16-18 NF
.5312"	17/32"	17/32"	5/8-11 NC
.5590"	14.2mm	35/64"	16mm-2.00mm
.5781"	37/64"	37/64"	5/8-18 NF
.5787"	14.7mm	none	16mm-1.50mm
.5938"	19/32"	19/32"	11/16-11 NS
.6220"	15.8mm	39/64"	18mm-2.50mm
.6250"	5/8"	5/8"	11/16-16 NS
.6562"	21/32"	21/32"	3/4-10 NC
.6614"	16.8mm	none	*18mm-1.50mm
.6875"	11/16"	11/16"	3/4-16 NF
.7008"	17.8mm	11/16"	20mm-2.50mm
.7656"	49/64"	49/64"	7/8-9 NC
.8125"	13/16"	13/16"	7/8-14 NF
.8228"	20.9mm	none	22mm-1.50mm
.8281"	53/64"	53/64"	*7/8-18 NS
.8425"	21.4mm	53/64"	24mm-3.00mm
.8750"	7/8"	7/8"	1-8 NC
.8779"	22.3mm	none	24mm-2.00mm
.9219"	59/64"	59/64"	1-12 NF
.9375"	15/16"	15/16"	1-14 NS
.9844"	63/64"	63/64"	1-1/8 - 7 NC
1.0469"	1-3/64"	1-3/64"	1-1/8 - 12 NF
1.1094"	1-7/64"	1-7/64"	1-1/4 - 7 NC
1.1719"	1-11/64"	1-11/64"	1-1/4 - 12 NF
1.2188"	1-7/32"	1-7/32"	1-3/8 - 6 NC
1.2969"	1-19/64"	1-19/64"	1-3/8 - 12 NF
1.3468"	1-11/32"	1-11/32"	1-1/2 - 6 NC
1.4219"	1-27/64"	1-27/64"	1-1/2 - 12 NF

\* Spark Plug Taps.



## Carbon Steel Hand Taps - MACHINE SCREW

PART #			Machine Screw Thread	No. Of Flutes	Ground Thread Limit	O/A	Use Thread Length	Drill Size	List
TAPER	PLUG	BOTTOM							
C62NC0004	C63NC0004	C64NC0004	<b>4-40 NC</b>	3	H2	1-7/8"	9/16"	43	
C62NF0004	C63NF0004	C62NF0004	<b>4-48 NF</b>	3	H2	1-7/8"	9/16"	42	
C62NC0005	C63NC0005	C64NC0005	<b>5-40 NC</b>	3	H2	1-15/16"	7/8"	38	
C62NF0005	C63NF0005	C64NF0005	<b>5-44 NF</b>	3	H2	1-15/16"	7/8"	37	
C62NC0006	C63NC0006	C64NC0006	<b>6-32 NC</b>	3	H2	2"	11/16"	35	
C62NF0006	C63NF0006	C64NF0006	<b>6-40 NF</b>	3	H2	2"	11/16"	33	
C62NC0008	C63NC0008	C64NC0008	<b>8-32 NC</b>	4	H3	2-1/8"	3/4"	29	
C62NF0008	C63NF0008	C64NF0008	<b>8-36 NF</b>	4	H3	2-1/8"	3/4"	29	
C62NC0010	C63NC0010	C64NC0010	<b>10-24 NC</b>	4	H3	2-3/8"	7/8"	25	
C62NF0010	C63NF0010	C64NF0010	<b>10-32 NF</b>	4	H3	2-3/8"	7/8"	21	
C62NC0012	C63NC0012	C64NC0012	<b>12-24 NC</b>	4	H3	2-3/8"	15/16"	16	
C62NF0012	C63NF0012	C64NF0012	<b>12-28 NF</b>	4	H3	2-3/8"	15/16"	14	



5 PCS. PER  
 PACK FROM  
 4-40 TO  
 1/2"-20.  
 SOLD  
 1 PC.  
 OVER 1/2"-20.

## Carbon Steel Hand Taps - FRACTIONAL

PART #			Machine Screw Thread	No. Of Flutes	Ground Thread Limit	O/A	Use Thread Length	Drill Size	List
TAPER	PLUG	BOTTOM							
C65NC0310	C66NC0310	C67NC0310	<b>1/4"-20 NC</b>	4	H3	2-1/2"	1"	7	
C65NF0312	C66NF0312	C67NF0312	<b>1/4"-28 NF</b>	4	H3	2-1/2"	1"	3	
C65NC0315	C66NC0315	C67NC0315	<b>5/16"-18 NC</b>	4	H3	2-23/32"	1-1/8"	F	
C65NF0316	C66NF0316	C67NF0316	<b>5/16"-24 NF</b>	4	H3	2-23/32"	1-1/8"	I	
C65NC0318	C66NC0318	C67NC0318	<b>3/8"-16 NC</b>	4	H3	2-15/16"	1-1/4"	5/16"	
C65NF0319	C66NF0319	C67NF0319	<b>3/8"-24 NF</b>	4	H3	2-15/16"	1-1/4"	Q	
C65NC0320	C66NC0320	C67NC0320	<b>7/16"-14 NC</b>	4	H3	3-5/32"	1-7/16"	U	
C65NF0321	C66NF0321	C67NF0321	<b>7/16"-20 NF</b>	4	H3	3-5/32"	1-7/16"	25/64"	
C65NC0322	C66NC0322	C67NC0322	<b>1/2"-13 NC</b>	4	H3	3-3/8"	1-21/32"	27/64"	
C65NF0323	C66NF0323	C67NF0323	<b>1/2"-20 NF</b>	4	H3	3-3/8"	1-21/32"	29/64"	
C65NC0325	C66NC0325	C67NC0325	<b>9/16"-12 NC</b>	4	H3	3-19/32"	1-21/32"	31/64"	
C65NF0326	C66NF0326	C67NF0326	<b>9/16"-18 NF</b>	4	H3	3-19/32"	1-21/32"	33/64"	
C65NC0327	C66NC0327	C67NC0327	<b>5/8"-11 NC</b>	4	H3	3-13/16"	1-13/16"	17/32"	
C65NF0328	C66NF0328	C67NF0328	<b>5/8"-18 NF</b>	4	H3	3-13/16"	1-13/16"	37/64"	
C65NC0331	C66NC0331	C67NC0331	<b>3/4"-10 NC</b>	4	H3	4-1/4"	2"	21/32"	
C65NF0332	C66NF0332	C67NF0332	<b>3/4"-16 NF</b>	4	H3	4-1/4"	2"	11/16"	
C65NC0333	C66NC0333	C67NC0333	<b>7/8"-9 NC</b>	4	H4	4-11/16"	2-7/32"	49/64"	
C65NF0334	C66NF0334	C67NF0334	<b>7/8"-14 NF</b>	4	H4	4-11/16"	2-7/32"	13/16"	
C65NC0335	C66NC0335	C67NC0335	<b>1-8 NC</b>	4	H4	5-1/8"	2-1/2"	7/8"	
C65NF0336	C66NF0336	C67NF0336	<b>1-12 NF</b>	4	H4	5-1/8"	2-1/2"	59/64"	
C65NC0337	C66NC0337	C67NC0337	<b>1-14 NS</b>	4	H4	5-1/8"	2-1/2"	15/16"	
C65NC0338	C66NC0338	C67NC0338	<b>1-1/8"- 7 NC</b>	4	H4	5-7/16"	2-9/16"	63/64"	



**(HSS) High Speed Steel Hand Taps - MACHINE SCREW GROUND THREAD**

PART #			Machine Screw Thread	No. Of Flutes	Ground Thread Limit	O/A	Use Thread Length	Drill Size	List
TAPER	PLUG	BOTTOM							
262NC0004	263NC0004	264NC0004	4-40 NC	3	H2	1-7/8"	9/16"	43	
262NF0004	263NF0004	264NF0004	4-48 NF	3	H2	1-7/8"	9/16"	42	
262NC0005	263NC0005	264NC0005	5-40 NC	3	H2	1-15/16"	7/8"	38	
262NF0005	263NF0005	264NF0005	5-44 NF	3	H2	1-15/16"	7/8"	37	
262NC0006	263NC0006	264NC0006	6-32 NC	3	H2	2"	11/16"	35	
262NF0006	263NF0006	264NF0006	6-40 NF	3	H2	2"	11/16"	33	
262NC0008	263NC0008	264NC0008	8-32 NC	4	H3	2-1/8"	3/4"	29	
262NF0008	263NF0008	264NF0008	8-36 NF	4	H3	2-1/8"	3/4"	29	
262NC0010	263NC0010	264NC0010	10-24 NC	4	H3	2-3/8"	7/8"	25	
262NF0010	263NF0010	264NF0010	10-32 NF	4	H3	2-3/8"	7/8"	21	
262NC0012	263NC0012	264NC0012	12-24 NC	4	H3	2-3/8"	15/16"	16	
262NF0012	263NF0012	264NF0012	12-28 NF	4	H3	2-3/8"	15/16"	14	



**(HSS) High Speed Steel Hand Taps - FRACTIONAL GROUND THREAD**

PART #			Machine Screw Thread	No. Of Flutes	Ground Thread Limit	O/A	Use Thread Length	Drill Size	List
TAPER	PLUG	BOTTOM							
265NC0310	266NC0310	267NC0310	1/4"-20 NC	4	H3	2-1/2"	1"	7	
265NF0312	266NF0312	267NF0312	1/4"-28 NF	4	H3	2-1/2"	1"	3	
265NC0315	266NC0315	267NC0315	5/16"-18 NC	4	H3	2-23/32"	1-1/8"	F	
265NF0316	266NF0316	267NF0316	5/16"-24 NF	4	H3	2-23/32"	1-1/8"	I	
265NC0318	266NC0318	267NC0318	3/8"-16 NC	4	H3	2-15/16"	1-1/4"	5/16"	
265NF0319	266NF0319	267NF0319	3/8"-24 NF	4	H3	2-15/16"	1-1/4"	Q	
265NC0320	266NC0320	267NC0320	7/16"-14 NC	4	H3	3-5/32"	1-7/16"	U	
265NF0321	266NF0321	267NF0321	7/16"-20 NF	4	H3	3-5/32"	1-7/16"	25/64"	
265NC0322	266NC0322	267NC0322	1/2"-13 NC	4	H3	3-3/8"	1-21/32"	27/64"	
265NF0323	266NF0323	267NF0323	1/2"-20 NF	4	H3	3-3/8"	1-21/32"	29/64"	
265NC0325	266NC0325	267NC0325	9/16"-12 NC	4	H3	3-19/32"	1-21/32"	31/64"	
265NF0326	266NF0326	267NF0326	9/16"-18 NF	4	H3	3-19/32"	1-21/32"	33/64"	
265NC0327	266NC0327	267NC0327	5/8"-11 NC	4	H3	3-13/16"	1-13/16"	17/32"	
265NF0328	266NF0328	267NF0328	5/8"-18 NF	4	H3	3-13/16"	1-13/16"	37/64"	
265NS0329	266NS0329	267NS0329	11/16"-11 NS	4	H3	4-1/32"	1-13/16"	19/32"	
265NS0330	266NS0330	267NS0330	11/16"-16 NS	4	H3	4-1/32"	1-13/16"	5/8"	
265NC0331	266NC0331	267NC0331	3/4"-10 NC	4	H3	4-1/4"	2"	21/32"	
265NF0332	266NF0332	267NF0332	3/4"-16 NF	4	H3	4-1/4"	2"	11/16"	
265NC0333	266NC0333	267NC0333	7/8"-9 NC	4	H4	4-11/16"	2-7/32"	49/64"	
265NF0334	266NF0334	267NF0334	7/8"-14 NF	4	H4	4-11/16"	2-7/32"	13/16"	
265NC0335	266NC0335	267NC0335	1-8 NC	4	H4	5-1/8"	2-1/2"	7/8"	
265NF0336	266NF0336	267NF0336	1-12 NF	4	H4	5-1/8"	2-1/2"	59/64"	
265NC0337	266NC0337	267NC0337	1-14 NS	4	H4	5-1/8"	2-1/2"	15/16"	



5 PCS. PER  
 PACK FROM  
 4-40 TO  
 1/2"-20.  
 SOLD  
 1 PC.  
 OVER 1/2"-20.



- ◆ National Pipe Tap
- ◆ High Speed Steel
- ◆ Ground Thread
- ◆ Heavy Duty

**SOLD INDIVIDUALLY  
 IN PLASTIC BOXES**



### (HSS) NPT Taper Pipe Taps

Part #	Size	Threads Per Inch NPT Only	No. Of Flutes	O/A	Thread Length	List
265TP0464	1/16"	27	4	2-1/8"	11/16"	
265TP0864	1/8"	27	4	2-1/8"	3/4"	
265TP1664	1/4"	18	4	2-7/16"	1-1/16"	
265TP2464	3/8"	18	4	2-9/16"	1-1/16"	
265TP3264	1/2"	14	4	3-1/8"	1-3/8"	
265TP4864	3/4"	14	5	3-1/4"	1-3/8"	
265TP6464	1"	11.5	5	3-3/4"	1-3/4"	
265TP8064	1-1/4"	11.5	5	4"	1-3/4"	
265TP9664	1-1/2"	11.5	7	4-1/4"	1-3/4"	
265TP9964	2"	11.5	7	4-1/2"	1-3/4"	

- ◆ National Pipe Tap
- ◆ Carbon Steel
- ◆ Ground Thread
- ◆ General Purpose

**SOLD INDIVIDUALLY  
 IN PLASTIC BOXES**



### (Carbon Steel) NPT Taper Pipe Taps

Part #	Size	Threads Per Inch NPT Only	No. Of Flutes	O/A	Thread Length	List
NPT0464	1/16"	27	4	2-1/8"	11/16"	
NPT0864	1/8"	27	4	2-1/8"	3/4"	
NPT1664	1/4"	18	4	2-7/16"	1-1/16"	
NPT2464	3/8"	18	4	2-9/16"	1-1/16"	
NPT3264	1/2"	14	4	3-1/8"	1-3/8"	
NPT4864	3/4"	14	5	3-1/4"	1-3/8"	
NPT6464	1"	11.5	5	3-3/4"	1-3/4"	
NPT8864	1-1/4"	11.5	5	4"	1-3/4"	
NPT9664	1-1/2"	11.5	7	4-1/4"	1-3/4"	
NPT9964	2"	11.5	7	4-1/2"	1-3/4"	

### NPT TAP-DRILL CHART



DRILL THIS SIZE HOLE			TO TAP FOR THIS BOLT OR SCREW
DECIMAL INCHES	DRILL SIZE	NEAREST FRACTION	
.3390"	Ltr. R	none	1/8-27 NPT
.4375"	7/16"	7/16"	1/4-18 NPT
.5781"	37/64"	37/64"	3/8- 8 NPT
.7031"	45/64"	45/64"	1/2-14 NPT
.9219"	59/64"	59/64"	3/4-14 NPT
1.1562"	1-5/32"	1-5/32"	1 - 11-1/2 NPT
1.5000"	1-1/2"	1-1/2"	1-1/4 - 11-1/2 NPT
1.7344"	1-47/64"	1-47/64"	1-1/2 - 11-1/2 NPT
2.2188"	2-7/32"	2-7/32"	2 - 11-1/2 NPT

## Combo Drill Taps - HSS

Part #	Thread Size	Drill Size	Thread Length	O/A	List
266TD0632	6-32	0.1095	11/16"	2"	
266TD0832	8-32	0.1360	3/4"	2-1/8"	
266TD0836	8-36	0.1360	3/4"	2-1/8"	
266TD1024	10-24	0.1520	7/8"	2-3/8"	
266TD1032	10-32	0.1520	7/8"	2-3/8"	
266TD1224	12-24	0.1770	15/16"	2-3/8"	
267TD1420	1/4"-20	0.2010	15/16"	2-1/2"	
267TD1428	1/4"-28	0.2010	15/16"	2-1/2"	
267TD5618	5/16"-18	0.2570	1-1/8"	3"	
267TD3816	3/8"-16	0.3125	1-1/4"	3-1/2"	
267TD3824	3/8"-24	0.3125	1-1/4"	3-1/2"	
267TD7614	7/16"-14	0.3680	1-7/16"	3-7/8"	
267TD1213	1/2"-13	0.4250	1-21/32"	4-1/4"	



- ◆ High Speed Steel
- ◆ Ground Thread
- ◆ Heavy Duty

Drill and Tap holes in one operation, saving a complete set-up!

**SOLD INDIVIDUALLY  
IN PLASTIC BOXES**



## Spiral Point (Gun) Taps - HSS

Part #	Size	No. Of Flutes	O/A	Thread Length	Drill Size	List
265SP0632	6-32	2	2"	11/16"	35	
265SP0832	8-32	2	2-1/8"	3/4"	29	
265SP1024	10-24	2	2-3/8"	7/8"	25	
265SP1032	10-32	2	2-3/8"	7/8"	25	
265SP1224	12-24	2	2-3/8"	15/16"	16	
265SP1420	1/4"-20	2	2-1/2"	1"	7	
265SP1428	1/4"-28	2	2-1/2"	1"	7	
265SP5618	5/16"-18	2	2-23/32"	1-1/8"	F	
265SP3816	3/8"-16	3	2-15/16"	1-1/4"	5/16"	
265SP1312	1/2"-13	3	3-3/8"	1-21/32"	27/64"	

- ◆ High Speed Steel
- ◆ Ground Thread
- ◆ Heavy Duty

Spiral Point Taps are ideal for machine tapping through holes or blind holes with adequate bottom clearance.



**Sold  
5/Pack**



## T-Handle Tap Wrench

Part #	O.D. Size	List
271TT0001	#0 - 1/4"	
271TT0002	#10 - 1/2"	



Wrenches will accommodate all HSS & Carbon Hand Taps within O.D. size.  
O.D. Size = Actual Tap Size (machine screw thread).



## Tap Reamer Wrench

Part #	O.D. Size	Size	List
270TW0000	#0-1/4"	TW0	
270TW0004	#0-3/8"	TW4	
270TW0005	#7-1/2"	TW5	
270TW0006	#7-3/4"	TW6	
270TW0007	1/4" → 1-1/8"	TW7	