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History of Quality and Dependability

For over 100 years, IRWIN HANSON has been providing the highest quality threading tools in the industry. The IRWIN HANSON name signifies dependability with professionals who use our tools each and every day. By working with various tradesmen, we are able to create solutions for endless fastening challenges. Whether creating new threads or repairing damaged and worn threads, achieving a precise fit is essential. IRWIN HANSON sets the standard for delivering quality every step of the way for your threading applications.

Tap & Die Overview

Although there are hundreds of different types of fasteners, most of them have the same basic design: a spiral groove inside a hole matches the threads on the outside diameter of a screw or bolt. IRWIN HANSON taps and dies are the tools used by professionals to create threads to solve the most challenging fastener applications.

Material Types

- **High Carbon Steel (HCS)** for hand tapping applications
- **High Speed Steel (HSS)** for machine tapping where critical dimensions are required

Point Styles

- Taper, plug, and bottoming styles are available



Laser Etched

- Tap size and recommended drill bit size are laser etched on each tool for easy identification

Precision Ground Flutes



Tap Point Styles

Taper Taps



8-10 threads

- Easiest to start
- 8 to 10 threads chamfered
- Ideal for tough starting applications
- Preferred use with deep or through hole applications

Plug Taps



3-5 threads

- 3 to 5 threads chamfered
- Most common chamfer
- Ideal for for all general purpose threading

Bottom Taps



1-2 threads

- 1 to 2 threads chamfered
- Shortest and least efficient standard chamfer
- Ideal for threading close to the bottom of blind holes

Die Styles

Hexagon Dies



5/8", 1", 1-7/16" & 1-13/16" Across Hex Flats

- Best suited to maintenance and repair work
- Recommended for use with hexagonal die stock handles
- In area with limited space, die can be used with a wrench or socket

Adjustable Round Dies



1", 1-1/2", 2" & 3" Overall Diameter

- Adjustable dies allow the user to under or over cut their threads
- Ideal for a precision threading with the adjustment of die made by set screw
- Fits into adjustable guide or plain die stock handles
- Meets Federal Specifications GGG-D-296

Solid Round Dies



1" & 1-1/2" Overall Diameter

- Ideal for general purpose threading
- Fits into adjustable guide or plain die stock handles

Tap & Die Description Guide

10-24 NC

Fastener Diameter

10 - Machine screw size
5/8" - Fractional
8 mm - Metric

Thread Pitch

Threads per inch (machine & fractional)
Distance between threads (metric)

Thread Type

NC = National Coarse (USS)

NF = National Fine (SAE)

NS = National Special

NEF = National Extra Fine
NPT = National Pipe Taper
BSP = British Standard Pipe

Applications

General purpose machines and appliances

Automotive parts requiring extreme pressures

Special threads – either diameter or threads per inch

For optical or thin wall parts

For all pipe threads

For all pipe threads

(no thread symbol required for metric fasteners)

Machine Screw Reference Guide

Before cutting a thread you must know the rod diameter.

Use the chart to determine the appropriate machine screw size:

Machine Screw	Rod Diameter
#0	.060"
#1	.073"
#2	.086"
#3	.099"
#4	.112"
#5	.125"
#6	.138"

Machine Screw	Rod Diameter
#7	.151"
#8	.164"
#9	.179"
#10	.190"
#12	.216"
#14	.242"

TAPS & DIES

TAP & DRILL SELECTION CHART

TAPS & DIES

Diam/Type	Decimal Equiv.	Fractional Tap	Machine Screw Tap	Metric Tap	Screw Ext.
1/64"	.0516				
1/32"	.0312				
1.0 mm	.0394				
60	.0400				
59	.0410				
58	.0420				
57	.0430				
56	.0465				
3/64"	.0469		0 - 80 NF		
55	.0520				
54	.0550				
1.5 mm	.0591				
53	.0595		1 - 64 NC 1 - 72NF		
1/16"	.0625				
52	.0635				
51	.0670				
50	.0700		2 - 56 NC 2 - 64 NF		
49	.0730				
48	.0760				
5/64"	.0781		3 - 48 NC		EX-1
47	.0785				
2.0 mm	.0787				
46	.0810				
45	.0820		3 - 56 NF		
44	.0860		4 - 36 NS		
43	.0890		4 - 40 NC		
42	.0935				
3/32"	.0938		4 - 48 NF		
41	.0960			3 mm - 0.60	
40	.0980				
2.5 mm	.0984			3 mm - 0.50	
39	.0995			3 mm - 0.50	
38	.1015	1/8" - 40 NS	5 - 40 NC		
37	.1040		5 - 44 NF		
36	.1065		6 - 32 NC		
7/64"	.1094				EX-2
35	.1100				
34	.1110		6 - 36 NS		
33	.1130		6 - 40 NF		
32	.1160		6 - 48 NS		
3.0 mm	.1181				
31	.1200				
1/8"	.1250				
30	.1285			4 mm - 0.70 4 mm - 0.75	
29	.1360		8 - 32 NC 8 - 36 NF		
3.5 mm	.1378				
28	.1405				

Diam/Type	Decimal Equiv.	Fractional Tap	Machine Screw Tap	Metric Tap	Screw Ext.
9/64"	.1406	8 - 40 NS			ST-1
27	.1440				
26	.1470	3/16"-24 NS			
25	.1495		10 - 24 NC		
24	.1520				
23	.1540				
5/32"	.1562	3/16"-32 NS			EX-3
22	.1570				
4.0 mm	.1575				
21	.1590		10 - 32 NF		
20	.1600			5 mm - 0.90	
19	.1660			5 mm - 0.80	
18	.1695				
11/64"	.1719				
17	.1730				
16	.1770		12 - 24 NC		
4.5 mm	.1772				
15	.1800				
14	.1820		12 - 28 NEF		
13	.1850				
3/16"	.1875				ST-2
12	.1890				
11	.1910				
10	.1935		14 - 20 NS		
9	.1960				
5.0 mm	.1969			6 mm - 1.00	
8	.1990			6 mm - 1.00	
7	.2010	1/4" - 20 NC			
13/64"	.2031		14 - 24 NS		
6	.2040				
5	.2055				
4	.2090	1/4" - 24 NS			
3	.2130	1/4" - 28 NF			
5.5 mm	.2165				
7/32"	.2188	1/4" - 32 NEF			
2	.2210				
1	.2280	1/4" - 40 NS			
A	.2340				
15/64"	.2344			7 mm - 1.00	ST-3
6.0 mm	.2362			7 mm - 1.00	
B	.2380				
C	.2420				
D	.2460				
E	.2500				
1/4"	.2500				EX-4
6.5 mm	.2559				
F	.2570	5/16" - 18 NC			

Diam/Type	Decimal Equiv.	Fractional Tap	Pipe Tap	Metric Tap	Screw Ext.
G	.2610				
17/64"	.2656			8 mm - 1.25	
H	.2660				
I	.2720	5/16"-24 NF			
7.0 mm	.2756			8 mm - 1.00	
J	.2770			8 mm - 1.00	
K	.2810				
9/32"	.2812	5/16"-32 NEF			
L	.2900				
M	.2950				
7.5 mm	.2953				
19/64"	.2969				EX-5
N	.3020			9 mm - 1.25	
5/16"	.3125	3/8"- 16 NC			ST-4
8.0 mm	.3150			9 mm - 1.00	
O	.3160			9 mm - 1.00	
P	.3230			9 mm - 0.75	
21/64"	.3281		1/8" - 28 BSP		
Q	.3320	3/8"- 24 NF	1/8" - 27 NPT		
8.5 mm	.3346			10 mm - 1.50	
R	.3390			10 mm - 1.50	
11/32"	.3438			10 mm - 1.25	
S	.3480				
9.0 mm	.3543			10 mm - 1.00	
T	.3580			10 mm - 1.00	
23/64"	.3594				
U	.3680	7/16"- 14 NC			
9.5 mm	.3740			11 mm - 1.50	
3/8"	.3750			11 mm - 1.50	ST-5
V	.3770				
W	.3806				
25/64"	.3906	7/16"- 20 NF			
10.0 mm	.3937				
X	.3970				
Y	.4040				
13/32"	.4062			12 mm - 1.75	EX-6
Z	.4130			12 mm - 1.50	
10.5 mm	.4134			12 mm - 1.50	
27/64"	.4219	1/2"- 13 NC		12 mm - 1.25	
11.0 mm	.4331				
7/16"	.4375		1/4" - 18 NPT		
11.5 mm	.4528				
29/64"	.4531	1/2"-20 NF 1/2"-24 NS	1/4" - 19 BSP		
15/32"	.4688			14 mm - 2.00	ST-6
12.0 mm	.4724			14 mm - 2.00	
31/64"	.4844	9/16" - 12 NC			
12.5 mm	.4921			14 mm - 1.50	

Diam/Type	Decimal Equiv.	Fractional Tap	Pipe Tap	Metric Tap	Screw Ext.
1/2"	.5000			14 mm - 1.25 14 mm - 1.50	
13.0 mm	.5118			14 mm - 1.25	
33/64"	.5156	9/16"- 18 NF			
17/32"	.5313	5/8" - 11 NC			EX-7
35/64"	.5469			16 mm - 2.00	
9/16"	.5625		3/8" - 18 NPT		ST-7
37/64"	.5781	5/8" - 18 NF		16 mm - 1.50	
19/32"	.5938	11/16"-11 NS			
39/64"	.6094			18 mm - 2.50	
5/8"	.6250	11/16"-16 NS			
41/64"	.6406				
21/32"	.6562	3/4" - 10 NC		18 mm - 1.50	
43/64"	.6719				
11/16"	.6875	3/4" - 16 NF		20 mm - 2.50	
45/64"	.7031		1/2" - 14 NPT		
23/32"	.7188				
47/64"	.7344				
3/4"	.7500				
49/64"	.7656				
25/32"	.7812	7/8" - 9 NC			
51/64"	.7969				
13/16"	.8125	7/8" - 14 NF		22 mm - 1.50	EX-8
53/64"	.8281			24 mm - 3.00	
27/32"	.8438				
55/64"	.8594				
7/8"	.8750	1" - 8 NC		24 mm - 2.00	
57/64"	.8906				
29/32"	.9062				
59/64"	.9219	1" - 12 NF	3/4" - 14 NPT		
15/16"	.9375	1" - 14 NS			
61/64"	.9531				
31/32"	.9688				
63/64"	.9844	1-1/8" - 7 NC			
1"	1.0000				
1-1/64"	1.0156				
1-1/32"	1.0312				
1-1/16"	1.0625				EX-9
1-3/32"	1.0938				
1-1/8"	1.1250				
1-5/32"	1.1562		1" - 11-1/2" NPT		
1-3/16"	1.1875				
1-1/4"	1.2500				
1-5/16"	1.3125				
1-3/8"	1.3750				
1-7/16"	1.4375				
1-1/2"	1.5000		1-1/4" - 11-1/2" NPT		

NC = National Coarse (USS)
NS = National Special
NF = National Fine (SAE)

NEF = National Extra Fine
NPT = National Pipe Taper
BSP = British Standard Pipe

TAPS & DIES

HIGH CARBON STEEL TAPS

HANSON® Machine Screw Taps (HCS)



1032



1132



1232

- Ideal for routine maintenance, repair work and for rethreading where high accuracy and tolerance thread is not critical
- Straight flutes are ground to provide rapid chip removal for efficient threading
- Designed for hand threading work in a variety of materials
- Taps produce a class 2B thread

Description	No. of Flutes	Plug Carded Stock #	Plug Bulk Stock #	Taper Bulk Stock #	Bottom Bulk Stock #
0 - 80 NF	2	—	1102	1002	1202
1 - 64 NC	2	—	1104	1004	1204
1 - 72 NF	2	—	1105	1005	1205
2 - 56 NC	3	—	1106	1006	1206
2 - 64 NF	3	—	1107	1007	1207
3 - 48 NC	3	—	1108	1008	1208
3 - 56 NF	3	—	1109	1009	1209
4 - 36 NS	3	8011	1111	1011	1211
4 - 40 NC	3	8012	1112	1012	1212
4 - 48 NF	3	—	1113	1013	1213
5 - 40 NC	3	—	1116	1016	1216
5 - 44 NF	3	—	1117	1017	1217
6 - 32 NC	3	8018	1118	1018	1218
6 - 36 NS	3	—	1119	1019	1219
6 - 40 NF	3	—	1120	1020	1220
6 - 48 NS	3	—	1121	1021	1221
8 - 32 NC	4	8024	1124	1024	1224
8 - 36 NF	4	—	1125	1025	1225
8 - 40 NS	4	—	1126	1026	1226
10 - 24 NC	4	8028	1128	1028	1228
10 - 32 NF	4	8031	1131	1031	1231
12 - 24 NC	4	8032	1132	1032	1232
12 - 28 NF	4	—	1133	1033	1233
12 - 32 NEF	4	—	1134	1034	1234
14 - 20 NS	4	8035	1135	1035	1235
14 - 24 NS	4	—	1136	1036	1236

HANSON Fractional Taps (HCS)



1323



1423



1523

- Ideal for routine maintenance, repair work and for rethreading where high accuracy and tolerance thread is not critical
- Straight flutes are ground to provide rapid chip removal for efficient threading
- Designed for hand threading work in a variety of materials
- Taps produce a class 2B thread

Description	No. of Flutes	Plug Carded Stock #	Plug Bulk Stock #	Taper Bulk Stock #	Bottom Bulk Stock #
1/8" - 40 NS	3	—	—	1306	1506
3/16" - 24 NS	4	—	1412	1312	1512
3/16" - 32 NS	4	—	1413	1313	1513
1/4" - 20 NC	4	8120	1420	1320	1520
1/4" - 24 NS	4	—	1421	1321	1521
1/4" - 28 NF	4	8123	1423	1323	1523
1/4" - 32 NEF	4	—	1424	1324	1524
1/4" - 40 NS	4	—	1425	1325	1525
5/16" - 18 NC	4	8127	1427	1327	1527
5/16" - 24 NF	4	8129	1429	1329	1529
5/16" - 32 NEF	4	—	1431	1331	1531
3/8" - 16 NC	4	8134	1434	1334	1534
3/8" - 24 NF	4	8136	1436	1336	1536
7/16" - 14 NC	4	8139	1439	1339	1539
7/16" - 20 NF	4	8140	1440	1340	1540
1/2" - 13 NC	4	8144	1444	1344	1544
1/2" - 20 NF	4	8145	1445	1345	1545
1/2" - 24 NS	4	—	1446	1346	1546
9/16" - 12 NC	4	8148	1448	1348	1548
9/16" - 18 NF	4	8149	1449	1349	1549
5/8" - 11 NC	4	8152	1452	1352	1552
5/8" - 18 NF	4	8154	1454	1354	1554
11/16" - 11 NS	4	—	1456	1356	1556
11/16" - 16 NS	4	—	1457	1357	1557
3/4" - 10 NC	4	8158	1458	1358	1558
3/4" - 16 NF	4	8160	1460	1360	1560
7/8" - 9 NC	4	—	1461	1361	1561
7/8" - 14 NF	4	—	1463	1363	1563
1" - 8 NC	4	—	1465	1365	1565
1" - 12 NF	4	—	1466	1366	1566
1" - 14 NS	4	—	1467	1367	1567

TAPS & DIES

HANSON® Metric Taps (HCS)



1859

- Ideal for auto repair and machinery where metric threads are specified

Description	No. of Flutes	Plug Carded Stock #	Plug Bulk Stock #	Bottom Bulk Stock #
3 mm - 0.50	3	8312	1712	1812
3 mm - 0.60	3	—	1713	—
4 mm - 0.70	4	8317	1717	1817
4 mm - 0.75	4	8318	1718	1818
5 mm - 0.80	4	8322	1722	1822
5 mm - 0.90	4	8323	1723	1823
6 mm - 1.00	4	8327	1727	1827
6.3 mm - 1.00	4	—	1729	1829
7 mm - 1.00	4	8331	1731	1831
8 mm - 1.00	4	8333	1733	1833
8 mm - 1.25	4	8334	1734	1834
9 mm - 0.75	4	8335	—	—
9 mm - 1.00	4	8336	—	—
9 mm - 1.25	4	8337	1737	1837
10 mm - 1.00	4	8338	1738	1838
10 mm - 1.25	4	8339	1739	1839
10 mm - 1.50	4	8340	1740	1840
11 mm - 1.50	4	8341	1741	—
12 mm - 1.25	4	8342	1742	1842
12 mm - 1.50	4	8343	1743	—
12 mm - 1.75	4	8344	1744	1844
14 mm - 1.25	4	—	1749	1849
14 mm - 1.50	4	—	1750	—
14 mm - 2.00	4	—	1752	1852
16 mm - 1.00	4	—	1754	—
16 mm - 1.50	4	—	1755	1855
16 mm - 2.00	4	—	1756	1856
18 mm - 1.50	4	—	1759	1859
18 mm - 2.50	4	—	1761	1861
20 mm - 2.50	4	—	1764	1864
22 mm - 1.50	4	—	1765	1865
24 mm - 2.00	4	—	1768	1868
24 mm - 3.00	4	—	1769	1869

Description	No. of Flutes	Stock #
6 - 32 NC	3	2518
8 - 32 NC	4	2524
10 - 24 NC	4	2528
10 - 32 NF	4	2531
1/8" - 40 NS	3	2606
5/32" - 32 NS	4	2610
5/32" - 36 NS	4	2611
1/4" - 20 NC	4	2620
1/4" - 28 NF	4	2623
5/16" - 18 NC	4	2627
5/16" - 24 NF	4	2629
3/8" - 16 NC	4	2634
3/8" - 24 NF	4	2636
7/16" - 14 NC	4	2639
7/16" - 20 NF	4	2640
1/2" - 13 NC	4	2644
9/16" - 12 NC	4	2648
5/8" - 11 NC	4	2652
5/8" - 18 NF	4	2654
3/4" - 10 NC	4	2658
7/8" - 9 NC	4	2661
1" - 8 NC	4	2665
3 mm - 0.50	3	2712
5 mm - 0.80	4	2722
6 mm - 1.00	4	2727
7 mm - 1.00	4	2731
8 mm - 1.00	4	2733
8 mm - 1.25	4	2734
10 mm - 1.00	4	2738
10 mm - 1.25	4	2739
10 mm - 1.50	4	2740
12 mm - 1.25	4	2742
12 mm - 1.75	4	2744
14 mm - 2.00	4	2752
16 mm - 2.00	4	2756

HANSON Tap Sets with Taper, Bottoming & Plug Point Styles



2652

- Set contains all three chamfer styles for various uses

TAPS & DIES

HIGH CARBON STEEL TAPS

HANSON® Pipe Taper Taps (HCS)



1903

- Cuts internal threads in pipes
- Nominal size of the tap is that of the pipe fitting being tapped
- Available in National Pipe Taper (NPT) and British Standard Pipe Taper (BSP)
- Ideal for pipe fittings
- Tapered at a rate of 3/4" per foot

Description	No. of Flutes	Plug Carded Stock #	Taper Pouched Stock #	Taper Bulk Stock #
1/8" - 27 NPT	4	8202	—	1902
1/4" - 18 NPT	4	8203	—	1903
3/8" - 18 NPT	4	—	1904P	1904
1/2" - 14 NPT	4	—	1905P	1905
3/4" - 14 NPT	5	—	1906P	1906
1" - 11-1/2 NPT	5	—	—	1907
1-1/4" - 11-1/2 NPT	5	—	—	1908
1-1/2" - 11-1/2 NPT	6	—	—	1909
2" - 11-1/2 NPT	6	—	—	1910
1/8" - 28 BSP	4	—	—	1911
1/4" - 19 BSP	4	—	—	1912

HANSON 6-pc Pipe Taper Tap Set (HCS)



1921

Contents	Stock # 1921
1/8" - 27 NPT	1902
1/4" - 18 NPT	1903
3/8" - 18 NPT	1904
1/2" - 14 NPT	1905
3/4" - 14 NPT	1906
1" - 11-1/2 NPT	1907

HANSON Spark Plug Taps (HCS)



2459

- Available in standard and metric threads
- Ideal for threading or re-threading spark plug holes

Description	No. of Flutes	Bulk Stock #
14 mm - 1.25	4	2449
18 mm - 1.50	4	2459

HANSON Tap (HCS) & Drill Bit (HSS)

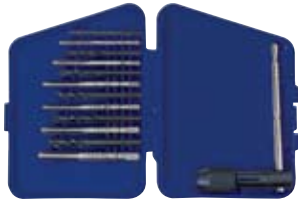


80238

- High speed steel drill bits ensure fast, precise drilling
- High carbon steel plug taps are ideal for general purpose threading

Description	Plug Carded Stock #
4 - 40 NC Tap + No. 43 Drill Bit	80209
6 - 32 NC Tap + 7/64" Drill Bit	80213
8 - 32 NC Tap + No. 29 Drill Bit	80217
10 - 24 NC Tap + No. 25 Drill Bit	80220
10 - 32 NF Tap + No. 21 Drill Bit	80221
12 - 24 NC Tap + No. 16 Drill Bit	80222
1/4" - 20 NC Tap + 13/64" Drill Bit	80230
1/4" - 28 NF Tap + No. 3 Drill Bit	80232
5/16" - 18 NC Tap + Letter G Drill Bit	80235
3/8" - 16 NC Tap + Letter O Drill Bit	80238
1/2" - 13 NC Tap + 27/64" Drill Bit	80242
1/4" - 18 NPT Tap + 7/16" Drill Bit	80260
6 mm - 1.00 Tap + 5mm Drill Bit	80327
8 mm - 1.25 Tap + 17/64" Drill Bit	80334
10 mm - 1.50 Tap + 8.5 Drill Bit	80340

HANSON® Tap (HCS) & Drill Bit Sets (HSS)



80185

- These drill and tap combinations produce a thread that is strong and easy to tap
- 135° split point HSS drill bits ensure fast, precise drilling
- High carbon steel plug taps are ideal for general purpose threading

Description	Contents		Stock #
13-pc Set	Lock & Hardware Drill & Tap Set		80185
Thread Size	Plug Tap Stock #	Drill Bit Size	Drill Bit Stock #
6 - 32 NC	1118	7/64"	30107
8 - 32 NC	1124	No. 29	20129
10 - 24 NC	1128	No. 25	20125
10 - 32 NF	1131	No. 21	20121
12 - 24 NC	1132	No. 16	20116
1/4" - 20 NC	1420	13/64"	30113

Threading Tools			Stock #
T-Handle Tap Wrench			12401

Description	Contents		Stock #
13-pc Set	All-Purpose Drill & Tap Set		80187
Thread Size	Plug Tap Stock #	Drill Bit Size	Drill Bit Stock #
4 - 40 NC	1112	No. 43	20143
6 - 32 NC	1118	No. 35	20135
8 - 32 NC	1124	No. 29	20129
10 - 24 NC	1128	No. 25	20125
10 - 32 NF	1131	No. 21	20121
1/4" - 20 NC	1420	No. 7	20107

Threading Tools			Stock #
T-Handle Tap Wrench			12401

HANSON Cut Thread Machine Screw Taps (HSS)



400023



403025



406025

- Straight fluted, hand taps
- Taps produce a class 2B thread

Description	No. of Flutes	Plug Bulk Stock #	Taper Bulk Stock #	Bottom Bulk Stock #
6 - 32 NC	3	403015	400015	406015
6 - 48 NS	3	403017	400017	406017
8 - 32 NC	4	403019	400019	406019
8 - 40 NS	4	403021	400021	406021
10 - 24 NC	4	403022	400022	406022
10 - 32 NF	4	403023	400023	406023
12 - 24 NC	4	403025	400025	-
14 - 20 NS	4	403028	-	-

HANSON Cut Thread Fractional Taps (HSS)



410022



413022



416022

- Straight fluted, hand taps
- Taps produce a class 2B thread
- Works in most materials including stainless & alloy steels

Description	No. of Flutes	Plug Bulk Stock #	Taper Bulk Stock #	Bottom Bulk Stock #
1/4" - 20 NC	4	413010	410010	416010
1/4" - 28 NF	4	413012	-	416012
5/16" - 18 NC	4	413015	410015	416015
5/16" - 24 NF	4	413016	-	416016
3/8" - 16 NC	4	413018	410018	416018
3/8" - 24 NF	4	413019	410019	-
7/16" - 14 NC	4	413020	410020	416020
7/16" - 20 NF	4	413021	410021	-
1/2" - 13 NC	4	413022	410022	416022
1/2" - 20 NF	4	413023	410023	-
9/16" - 12 NC	4	413024	-	-
5/8" - 11 NC	4	413026	410026	-
3/4" - 10 NC	4	-	410028	-

TAPS & DIES

HIGH SPEED STEEL TAPS

HANSON® Cut Thread Pipe Taper Taps (HSS)



459002

- Cuts internal threads in pipes
- Ideal for pipe fittings
- Tapered at a rate of 3/4" per foot

Description	No. of Flutes	Taper Stock #
1/8" - 27 NPT	4	459001
1/4" - 18 NPT	4	459002
3/8" - 18 NPT	4	459003
1/2" - 14 NPT	4	459004
3/4" - 14 NPT	5	459005
1" - 11-1/2 NPT	5	459006
1-1/4" - 11-1/2 NPT	5	459007
1-1/2" - 11-1/2 NPT	6	459008

HANSON 6-pc Cut Thread Pipe Taper Tap Set (HSS)



1924

Contents	Stock # 1924
1/8" - 27 NPT	459001
1/4" - 18 NPT	459002
3/8" - 18 NPT	459003
1/2" - 14 NPT	459004
3/4" - 14 NPT	459005
1" - 11-1/2 NPT	459006

Tips

- Always use cutting fluid
- When threading a blind hole, clean the chips from the hole often and do not bottom out the tap - it can cause tap breakage.

HANSON Ground Thread Fractional Taps (HSS)



310310



313310



316310

- Ground thread taps produce a tighter thread tolerance than cut thread taps
- Designed to .0005" pitch diameter tolerance
- Straight fluted, hand taps

Description	No. of Flutes	Pitch Diameter Limits	Plug Bulk Stock #	Taper Bulk Stock #	Bottom Bulk Stock #
1/4" - 20 NC	4	H3	313310	310310	316310
1/4" - 28 NF	4	H3	313312	310312	316312
5/16" - 18 NC	4	H3	313315	310315	316315
5/16" - 24 NF	4	H3	313316	310316	316316
3/8" - 16 NC	4	H3	313318	310318	316318
3/8" - 24 NF	4	H3	313319	310319	316319
7/16" - 14 NC	4	H3	313320	310320	316320
1/2" - 13 NC	4	H3	313322	310322	316322
1/2" - 20 NF	4	H3	313325	310323	316323
9/16" - 18 NF	4	H3	313326	—	—
5/8" - 11 NC	4	H3	313327	310327	316327
5/8" - 18 NF	4	H3	313328	310328	316328
3/4" - 10 NC	4	H3	313331	310331	316331
3/4" - 16 NF	4	H3	313332	310332	316332
7/8" - 9 NC	4	H4	313433	310433	316433
7/8" - 14 NF	4	H4	313434	310434	316434
1" - 8 NC	4	H4	313435	310435	316435
1" - 12 NF	4	H4	313436	—	—
1" - 14 NS	4	H4	313437	—	—
1-1/8" - 7 NC	4	H4	313438	310438	316438
1-1/8" - 12 NF	4	H4	313439	310439	316439
1-1/4" - 7 NC	4	H4	313440	310440	316440
1-1/4" - 12 NF	6	H4	313441	310441	316441
1-3/8" - 6 NC	4	H4	—	310442	—
1-3/8" - 12 NF	6	H4	—	310443	—
1-1/2" - 6 NC	4	H4	—	310444	316444
1-1/2" - 12 NF	6	H4	313445	—	—

HANSON® Ground Thread Machine Screw Taps (HSS)



300325

- Ideal for maintenance and repair work
- Ground thread taps produce a tighter thread tolerance than cut thread taps
- Designed to .0005" pitch diameter tolerance
- Straight fluted, hand taps

HANSON Ground Thread Left-hand Fractional Plug Taps (HSS)



2120

- Left-hand taps cut threads with a left-hand rotation
- Used in applications where left-hand studs or fasteners are required

HANSON Ground Thread Pipe Taper Taps (HSS)



359003

- Ideal for pipe fittings
- Tapered at a rate of 3/4" per foot

HANSON Ground Thread Spiral Point* (Gun Taps) Chip Driver Machine Screw/Fractional Taps (HSS)



323325

- Engineered specifically for tapping of "through" holes
- Designed to .0005-inches pitch tolerance
- Cuts with a shearing action that shoots the chips ahead of the tap, producing a cleaner thread
- Recommended for production use in machine tools

Description	No. of Flutes	Pitch Diameter Limits	Plug Bulk Stock #	Taper Bulk Stock #	Bottom Bulk Stock #
0 - 80 NF	2	H1	303101	--	--
1 - 64 NC	2	H1	303102	--	--
1 - 72 NC	2	H1	303103	--	--
2 - 56 NC	3	H2	303205	--	306205
6 - 32 NC	3	H3	--	300315	--
8 - 32 NC	4	H3	303319	300319	--
10 - 24 NC	4	H3	303322	300322	--
10 - 32 NF	4	H3	303323	300323	--
12 - 24 NC	4	H3	--	300325	--
12 - 28 NF	4	H3	--	300326	--

Description	No. of Flutes	Pitch Diameter Limits	Bulk Stock #
1/4" - 20 NC	4	H3	2120
1/4" - 28 NF	4	H3	2123
5/16" - 18 NC	4	H3	2127
5/16" - 24 NF	4	H3	2129
3/8" - 16 NC	4	H3	2134
3/8" - 24 NF	4	H3	2136
7/16" - 14 NC	4	H3	2139
7/16" - 20 NF	4	H3	2140
1/2" - 13 NC	4	H3	2144
1/2" - 20 NF	4	H3	2145
9/16" - 12 NC	4	H3	2148
9/16" - 18 NF	4	H3	2149
5/8" - 11 NC	4	H3	2152
5/8" - 18 NF	4	H3	2154
3/4" - 10 NC	4	H3	2158
3/4" - 16 NF	4	H3	2160

Description	No. of Flutes	Bulk Stock #
1/16" - 27 NPT	4	359010
1/8" - 27 NPT	4	359001
1/4" - 18 NPT	4	359002
3/8" - 18 NPT	4	359003
1/2" - 14 NPT	4	359004
3/4" - 14 NPT	5	359005

Description	No. of Flutes	Pitch Diameter Limits	Taper Bulk Stock #
Machine			
6 - 32 NC	2	H3	323315
8 - 32 NC	2	H3	323319
10 - 24 NC	2	H3	323322
10 - 32 NF	2	H3	323323
12 - 24 NC	2	H3	323325
14 - 20 NS	2	H3	323328
Fractional			
1/4 - 20 NC	3	H3	333310
1/4" - 28 NF	2	H3	333312
5/16" - 18 NC	2	H3	333315
3/8" - 16 NC	3	H3	333318
7/16" - 14 NC	3	H3	333320
7/16" - 20 NF	3	H3	333321
1/2" - 13 NC	3	H3	333322
1/2" - 20 NF	3	H3	333323

*Spiral Point taps should only be used on "through" hole applications

TAPS & DIES

HIGH CARBON STEEL DIES

HANSON® Hexagon Machine Screw Dies (HCS)



6432

HANSON Hexagon Fractional Dies (HCS)



6544



8461

- Ideal for maintenance and repair work
- Recommended for use with hexagon die stock
- Die can be used with a wrench or socket when space is limited

HANSON Hexagon Pipe Taper Dies (HCS)



6703



7004

- Ideal for plumbing and air applications

Description	1" Across Flat Carded Stock #	1" Across Flat Bulk Stock #	1-7/16" Across Flat Bulk Stock #	1-13/16" Across Flat Bulk Stock #
Machine				
4 - 36 NS	9311	6411	—	—
4 - 40 NC	9312	6412	—	—
5 - 40 NC	—	6416	—	—
6 - 32 NC	9318	6418	—	—
8 - 32 NC	9324	6424	—	—
10 - 24 NC	9328	6428	—	—
10 - 32 NF	9331	6431	—	—
12 - 24 NC	9332	6432	—	—
14 - 20 NS	9335	6435	—	—

Description	1" Across Flat Carded Stock #	1" Across Flat Bulk Stock #	1-7/16" Across Flat Bulk Stock #	1-13/16" Across Flat Bulk Stock #
Fractional				
3/16" - 24 NS	—	6512	—	—
1/4" - 20 NC	9420	6520	—	—
1/4" - 28 NF	9423	6523	—	—
5/16" - 18 NC	9427	6527	—	—
5/16" - 24 NF	9429	6529	—	—
3/8" - 16 NC	9434	6534	—	—
3/8" - 24 NF	9436	6536	—	—
7/16" - 14 NC	9439	6539	—	—
7/16" - 20 NF	9440	6540	—	—
1/2" - 13 NC	9444	6544	—	—
1/2" - 20 NF	9445	6545	—	—
9/16" - 12 NC	—	—	6848	—
9/16" - 18 NF	—	—	6849	—
5/8" - 11 NC	—	—	6852	—
5/8" - 18 NF	—	—	6854	—
3/4" - 10 NC	—	—	6858	—
3/4" - 16 NF	—	—	6860	—
7/8" - 9 NC	—	—	—	8461
7/8" - 14 NF	—	—	—	8463
1" - 8 NC	—	—	—	8465
1" - 14 NS	—	—	—	8467

Description	1" Across Flat Carded Stock #	1" Across Flat Bulk Stock #	1-7/16" Across Flat Bulk Stock #
1/8" - 27 NPT	9502	6702	—
1/4" - 18 NPT	9503	6703	—
3/8" - 18 NPT	—	—	7004
1/2" - 14 NPT	—	—	7005
1/8" - 28 BSP	—	6711	—
1/4" - 19 BSP	—	6712	—

HANSON® Hexagon Metric Dies (HCS)



6638



6949



8569

- Ideal for automotive repair and machinery where metric threads are specified

HANSON Round Machine Screw Dies (HCS)



3718



3028

- Solid round dies ideal for general purpose threading
- Adjustable round dies ideal for precision threading

Description	1" Across Flat Carded Stock #	1" Across Flat Bulk Stock #	1-7/16" Across Flat Bulk Stock #	1-13/16" Across Flat Bulk Stock #
3 mm - 0.50	9712	6612	—	—
3 mm - 0.60	—	6613	—	—
4 mm - 0.70	9717	6617	—	—
4 mm - 0.75	9718	6618	—	—
5 mm - 0.80	9722	6622	—	—
5 mm - 0.90	9723	6623	—	—
6 mm - 1.00	9727	6627	—	—
6.3 mm - 1.00	—	6629	—	—
7 mm - 1.00	9731	6631	—	—
8 mm - 1.00	9733	6633	—	—
8 mm - 1.25	9734	6634	—	—
9 mm - 0.75	9735	6635	—	—
9 mm - 1.00	9736	6636	—	—
9 mm - 1.25	9737	6637	—	—
10 mm - 1.00	9738	6638	—	—
10 mm - 1.25	9739	6639	—	—
10 mm - 1.50	9740	6640	—	—
11 mm - 1.50	9741	6641	—	—
12 mm - 1.25	9742	6642	—	—
12 mm - 1.50	9743	6643	—	—
12 mm - 1.75	9744	6644	—	—
14 mm - 1.25	—	—	6949	—
14 mm - 1.50	—	—	6950	—
14 mm - 2.00	—	—	6952	—
16 mm - 1.00	—	—	6954	—
16 mm - 1.50	—	—	6955	—
16 mm - 2.00	—	—	6956	—
18 mm - 1.50	—	—	6959	—
18 mm - 2.50	—	—	6961	—
20 mm - 2.50	—	—	—	8564
22 mm - 1.50	—	—	—	8565
24 mm - 2.00	—	—	—	8568
24 mm - 3.00	—	—	—	8569

TAPS & DIES

Description	1" Overall Diam. Screw Adj. Bulk Stock #	1" Overall Diam. Solid Bulk Stock #
4 - 40 NC	3712	—
4 - 48 NF	3713	—
5 - 40 NC	3716	—
5 - 44 NF	3717	—
6 - 32 NC	3718	—
6 - 36 NS	3719	—
6 - 40 NF	3720	—
6 - 48 NS	3721	—
8 - 32 NC	3724	—
8 - 36 NF	3725	—
8 - 40 NS	3726	—
10 - 24 NC	3728	3028
10 - 32 NF	3731	—
12 - 24 NC	3732	—
12 - 28 NF	3733	—
14 - 20 NS	3735	—

TAPS & DIES

HIGH CARBON STEEL DIES

HANSON® Round Fractional Dies (HCS)



3820



3120

- Solid round dies ideal for general purpose threading
- Adjustable round dies ideal for precision threading

Description	1" Overall Diam. Screw Adj. Bulk Stock #	1" Overall Diam. Solid Bulk Stock #
3/16" - 32 NS	3813	—
1/4" - 20 NC	3820	3120
1/4" - 24 NS	3821	—
1/4" - 28 NF	3823	—
1/4" - 32 NEF	3824	—
1/4" - 40 NS	3825	—
5/16" - 18 NC	3827	3127
5/16" - 24 NF	3829	—
5/16" - 32 NEF	3831	—
3/8" - 16 NC	3834	3134
3/8" - 24 NF	3836	—
7/16" - 14 NC	3839	—
7/16" - 20 NF	3840	—
1/2" - 13 NC	3844	—
1/2" - 20 NF	3845	—
1/2" - 24 NS	3846	—

TAPS & DIES

HANSON Adjustable Round Fractional Dies Right & Left-Hand (HCS)



4020



7520



7652

- Adjustable round dies ideal for precision threading
- Left-hand dies cut threads with a left-hand rotation

Description	Right-Hand 1-1/2" O.D. Bulk Stock #	Right-Hand 2" O.D. Bulk Stock #	Right-Hand 3" O.D. Bulk Stock #	Left-Hand 1" O.D. Bulk Stock #	Left-Hand 1-1/2" O.D. Bulk Stock #
1/4" - 20 NC	4020	—	—	7520	—
1/4" - 28 NF	4023	—	—	7523	—
5/16" - 18 NC	4027	—	—	7527	—
5/16" - 24 NF	4029	—	—	7529	—
3/8" - 16 NC	4034	—	—	7534	—
3/8" - 24 NF	4036	—	—	7536	—
7/16" - 14 NC	4039	—	—	7539	—
7/16" - 20 NF	4040	—	—	7540	—
1/2" - 13 NC	4044	—	—	7544	—
1/2" - 20 NF	4045	—	—	7545	—
9/16" - 12 NC	4048	—	—	—	7648
9/16" - 18 NF	4049	—	—	—	7649
5/8" - 11 NC	4052	—	—	—	7652
5/8" - 18 NF	4054	—	—	—	7654
11/16" - 11 NS	4056	—	—	—	—
11/16" - 16 NS	4057	—	—	—	—
3/4" - 10 NC	4058	—	—	—	7658
3/4" - 16 NF	4060	—	—	—	7660
7/8" - 9 NC	—	4261	—	—	—
7/8" - 14 NF	—	4263	—	—	—
1" - 8 NC	—	4265	—	—	—
1" - 12 NF	—	4266	—	—	—
1" - 14 NS	—	4267	—	—	—
1-1/8" - 7 NC	—	—	4668	—	—
1-1/8" - 12 NF	—	—	4669	—	—
1-1/4" - 7 NC	—	—	4670	—	—
1-1/4" - 12 NF	—	—	4671	—	—
1-3/8" - 6 NC	—	—	4672	—	—
1-3/8" - 12 NF	—	—	4673	—	—
1-1/2" - 6 NC	—	—	4674	—	—
1-1/2" - 12 NF	—	—	4675	—	—

HANSON® Round Pipe Taper Dies (HCS)



4102

Description	1-1/2" O.D. Solid Round Bulk Stock #	1-1/2" O.D. Screw Adj. Bulk Stock #	1" O.D. Screw Adj. Bulk Stock #	2" O.D. Screw Adj. Bulk Stock #
1/8" - 27 NPT	4102	5102	502101	—
1/4" - 18 NPT	4103	5103	—	—
3/8" - 18 NPT	4104	5104	—	—
1/2" - 14 NPT	4105	5105	—	—
1/2" - 14 NPT	—	—	—	4305
3/4" - 14 NPT	—	—	—	4306

*Note: 502101 is a High Speed Steel Die

HANSON Re-threading Hexagon Fractional Right & Left-hand Dies (HCS)



7220



7720

- Designed for repairing damaged bolts and studs

Description	Width Across Hex Flats	Thickness of Hex Die	Right-Hand Bulk Stock #	Left-Hand Bulk Stock #
1/4" - 20 NC	19/32"	1/4"	7220	7720
1/4" - 28 NF	19/32"	1/4"	7223	7723
5/16" - 18 NC	11/16"	5/16"	7227	7727
5/16" - 24 NF	11/16"	5/16"	7229	7729
3/8" - 16 NC	25/32"	3/8"	7234	7734
3/8" - 24 NF	25/32"	3/8"	7236	7736
7/16" - 14 NC	7/8"	7/16"	7239	7739
7/16" - 20 NF	7/8"	7/16"	7240	7740
1/2" - 13 NC	1-1/16"	1/2"	7244	7744
1/2" - 20 NF	1-1/16"	1/2"	7245	7745
9/16" - 12 NC	1-1/16"	1/2"	7248	7748
9/16" - 18 NF	1-1/16"	1/2"	7249	7749
5/8" - 11 NC	1-1/4"	5/8"	7252	7752
5/8" - 18 NF	1-1/4"	5/8"	7254	7754
11/16" - 11 NS	1-7/16"	3/4"	7256	7756
11/16" - 16 NS	1-7/16"	3/4"	7257	7757
3/4" - 10 NC	1-7/16"	3/4"	7258	7758
3/4" - 16 NF	1-7/16"	3/4"	7260	7760
7/8" - 9 NC	1-5/8"	7/8"	7261	7761
7/8" - 14 NF	1-5/8"	7/8"	7263	7763
1" - 8 NC	1-13/16"	1"	7265	7765
1" - 12 NF	1-13/16"	1"	7266	7766
1" - 14 NS	1-13/16"	1"	7267	7767
1-1/8" - 7 NC	2"	1"	7268	—
1-1/8" - 12 NF	2"	1"	7269	—
1-1/4" - 7 NC	2-3/16"	1"	7270	—
1-1/4" - 12 NF	2-3/16"	1"	7271	—
1-3/8" - 6 NC	2-3/8"	1"	7272	—
1-3/8" - 12 NF	2-3/8"	1"	7273	—
1-1/2" - 6 NC	2-9/16"	1"	7274	—
1-1/2" - 12 NF	2-9/16"	1"	7275	—

HANSON Re-threading Hexagon Metric Right & Left-hand Dies (HCS)



7349

- Ideal for repairing damaged bolts and studs where metric threads are specified

Description	Width Across Hex Flats	Thickness of Hex Die	Right-Hand Bulk Stock #	Left-Hand Bulk Stock #
14 mm - 1.25	1-1/16"	1/2"	7349	—
14 mm - 1.50	1-1/16"	1/2"	7350	—
14 mm - 2.00	1-1/16"	1/2"	7352	—
16 mm - 1.50	1-1/4"	5/8"	7355	7855
16 mm - 2.00	1-1/4"	5/8"	7356	—
18 mm - 1.00	1-7/16"	3/4"	7358	—
18 mm - 1.50	1-7/16"	3/4"	7359	7859
18 mm - 2.50	1-7/16"	3/4"	7361	—
20 mm - 2.50	1-7/16"	3/4"	7364	—
22 mm - 1.50	1-5/8"	7/8"	7365	7865
24 mm - 1.50	1-13/16"	1"	7367	—
30 mm - 1.50	2"	1"	7373	—

TAPS & DIES

TAPS & DIES

HIGH CARBON/HIGH SPEED STEEL DIES

HANSON® Hexagon Re-threading Pipe Taper Dies (HCS)



7403

- Ideal for repairing damaged threads on plumbing and air pipe applications

Description	Width Across Hex Flats	Thickness of Hex Die	Bulk Stock #
1/8" - 27 NPT	1-1/16"	3/8"	7402
1/4" - 18 NPT	1-1/4"	5/8"	7403
3/8" - 18 NPT	1-7/16"	5/8"	7404
1/2" - 14 NPT	1-5/8"	3/4"	7405
3/4" - 14 NPT	2"	3/16"	7406
1" - 11-1/2 NPT	2-3/8"	1"	7407

HANSON Adjustable Round Machine Screw & Fractional Dies (HSS)



502024



504053

- HSS ideal for machine cutting where critical dimensions are required
- Adjustable round dies for precision threading

Description	1" Overall Diam. Bulk Stock #	2" Overall Diam. Bulk Stock #
Machine		
4 - 40 NC	502009	—
6 - 32 NC	502014	—
6 - 40 NF	502015	—
8 - 32 NC	502018	—
8 - 36 NF	502019	—
10 - 24 NC	502021	—
10 - 32 NF	502022	—
12 - 24 NC	502024	—
12 - 28 NF	502025	—
Fractional		
1/4" - 20 NC	502038	—
1/4" - 28 NF	502039	—
5/16" - 18 NC	502041	—
5/16" - 24 NF	502042	—
3/8" - 16 NC	502044	—
3/8" - 24 NF	502045	—
7/16" - 14 NC	502046	—
7/16" - 20 NF	502047	—
1/2" - 13 NC	502048	—
1/2" - 20 NF	502049	—
5/8" - 11 NC	—	504053
5/8" - 18 NF	—	504054
3/4" - 10 NC	—	504057
3/4" - 16 NF	—	504058
7/8" - 9 NC	—	504059
7/8" - 14 NF	—	504060
1" - 8 NC	—	504061
1" - 12 NF	—	504062
1" - 14 NS	—	504063

HANSON 10-pc Hexagon Re-threading Fractional NC Die Set (HCS)



25701

Set Contents	Stock # 25701
Die Size	
1/4" - 20 NC	7220
5/16" - 18 NC	7227
3/8" - 16 NC	7234
7/16" - 14 NC	7239
1/2" - 13 NC	7244
9/16" - 12 NC	7248
5/8" - 11 NC	7252
3/4" - 10 NC	7258
7/8" - 9 NC	7261
1" - 8 NC	7265

HANSON® 10-pc Hexagon Re-threading Fractional NF Die Set (HCS)



24801

Set Contents	Stock # 24801
Die Size	
1/4" - 28 NF	7223
5/16" - 24 NF	7229
3/8" - 24 NF	7236
7/16" - 20 NF	7240
1/2" - 20 NF	7245
9/16" - 18 NF	7249
5/8" - 18 NF	7252
3/4" - 16 NF	7260
7/8" - 14 NF	7263
1" - 12 NF	7266

HANSON 6-pc Hexagon Re-threading Fractional Pipe Taper Die Set (HCS)



1922

Set Contents	Stock # 1922
Die Size	
1/8" - 27 NPT	7402
1/4" - 18 NPT	7403
3/8" - 18 NPT	7404
1/2" - 14 NPT	7405
3/4" - 14 NPT	7406
1" - 11-1/2 NPT	7407

HANSON 16-pc Hexagon Re-threading Fractional Die Set (HCS)



24839

Set Contents	Stock # 24839
Die Size	
1/4" - 20 NC	7220
1/4" - 28 NF	7223
5/16" - 18 NC	7227
5/16" - 24 NF	7229
3/8" - 16 NC	7234
3/8" - 24 NF	7236
7/16" - 14 NC	7239
7/16" - 20 NF	7240
1/2" - 13 NC	7244
1/2" - 20 NF	7245
9/16" - 12 NC	7248
9/16" - 18 NF	7249
5/8" - 11 NC	7252
5/8" - 18 NF	7254
3/4" - 10 NC	7258
3/4" - 16 NF	7260

HANSON 12-pc Tap & Re-threading Hexagonal Pipe Die Sets (HCS) & (HSS)



1920

Set Contents	Tap Stock #	Hex Die Stock #	Stock # 1920
1/8" - 27 NPT	1902	7402	
1/4" - 18 NPT	1903	7403	
3/8" - 18 NPT	1904	7404	
1/2" - 14 NPT	1905	7405	
3/4" - 14 NPT	1906	7406	
1" - 11-1/2 NPT	1907	7407	
Empty Wooden Case			1920MT

Set Contents	Tap Stock #	Hex Die Stock #	Stock # 1923
1/8" - 27 NPT	459001	7402	
1/4" - 18 NPT	459002	7403	
3/8" - 18 NPT	459003	7404	
1/2" - 14 NPT	459004	7405	
3/4" - 14 NPT	459005	7406	
1" - 11-1/2 NPT	459006	7407	

TAPS & DIES

THREADING TOOLS

HANSON® Plain Die Stock Handles



12416

- Dies easily lock in position with set screw

HANSON Adjustable Guide Die Stock Handles



12428

- Maintains alignment for accurate, straight threading

HANSON Offset Handle Adjustable Tap & Reamer Wrenches



12421

- Straight handle design provides greater leverage, especially when using larger diameter taps

HANSON Adjustable Tap Handle & Reamer Wrenches



12498

- Straight handle design provides greater leverage, especially when using larger diameter taps
- Designed for use with taps, reamers, screw extractors and other tools with a square shank

HANSON Reamers



11221

- For deburring and enlarging holes in sheet metal and similar materials
- Not for use in machine tools

Description	Usage	Carded Stock #	Bulk Stock #
HANSON Plain Die Stock Handles			
DS - 57	For 5/8" Hexagon Dies	—	12457
DS - 13	For 13/16" Round Dies	—	12416
DS - 9	For 1" Hexagon or Round Dies	12008	11008
HANSON Adj. Guide Die Stock Handles			
DS - 28	For 1" Adjustable Round Dies	—	12428
DS - 35	For 1-1/2" Adjustable Round Dies	—	12435
DS - 45	For 2" Adjustable Round Dies	—	12445
DS - 26	For 1" Hexagon or Round Dies	12026	11026
DS - 36	For 1-7/16" Hexagon Dies	—	12436
DS - 46	For 1-13/16" Hexagon Dies	—	12446
HANSON Offset Handle Adj. Tap Handle & Reamer Wrenches			
TR - 21	For Taps No. 0 to 1/2" (3 mm to 12 mm)	12021	12421
TR - 121	For Taps No. 1/4" to 1" (6 mm to 24 mm)	—	11212
HANSON Adj. Tap Handle & Reamer Wrenches			
TR - 88	For Taps No. 0 to 1/2" (3 mm to 12 mm)	12088	311088
TR - 98	For Taps 1/4" to 1" (6 mm to 24 mm)	—	12498
HANSON Reamers			
Repair Reamer (1/8" to 1/2")		11214	—
Repair Reamer Pouched (1/2" to 1")		11221	—

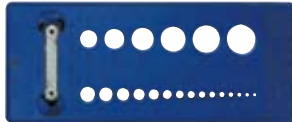
NEW HANSON® Tap Adaptors



3095001

- Adaptors feature a 3/8" square drive to accommodate socket wrench or extension
- Designed for use with taps, reamers, screw extractors, and other tools with a square shank
- Not recommended for cutting new threads

HANSON Metric Measuring Kit with Thread Gauges



12087

- Shows 21 outside diameters (OD) in millimeters and decimals from 2.3 mm (.0906) to 24 mm (.9449)
- Measures thread pitch in millimeters from 0.35 to 3.00

HANSON T-Handle Tap Wrenches



12401

- Designed for use with taps, reamers, screw extractors and other tools with a square shank
- Adjusted and tightened to size by twisting knurled nut
- End of TR-50 & TR-73 wrench has 3/8" square drive to accommodate socket wrench or extension when desired

HANSON Thread Pitch Gauges



11016

HANSON T-Handle Ratcheting Tap Wrench



21101

21112

- Three position gear box for quick, efficient ratcheting action
- Designed for use with taps, reamers, screw extractors and other tools with a square shank

TAPS & DIES

Description	Usage	Carded Stock #	Bulk Stock #
HANSON Tap Adaptors			
2pc Tap Adaptor Set	2 Sizes for Taps No. 0 to 1/2"	3095001	—
Small Tap Adaptor	For Taps No. 0 to 1/4"	—	3095001A
Large Tap Adaptor	For Taps 1/4" to 1/2"	—	3095001B
HANSON T-Handle Tap Wrench			
TR - 1E	For Taps No. 0 to 1/4" (3 mm to 6 mm)	12001	12401
TR - 1-1/2E	For Taps No. 12 to 5/16"	12115	12415
TR - 2E	For Taps 1/4" to 1/2" (6 mm to 12 mm)	12002	12402
HANSON Tap Wrenches with 3/8" Drive			
TR - 50	For Taps 1/4" to 1/2" (6 mm to 12 mm)	12050	12450
TR - 73*	For Taps No. 0 to 1/4" (3 mm - 6 mm) *	12073	12473
HANSON T-Handle Ratcheting Tap Wrench			
—	For Tap Sizes No. 0 to 1/4" (3 mm to 6 mm)	21201	21101
—	For Tap Sizes 1/4" to 1/2" (6 mm to 12 mm)	21202	21102
—	10" Extended Length for Tap Sizes #0 - 1/4" (3 mm to 6 mm)	21210	21110
—	12" Extended Length for Tap Sizes 1/4" - 1/2" (6 mm to 12 mm)	21212	21112
HANSON Metric Measuring Kit w/Thread Gauges			
Metric Measuring Kit		—	12087
HANSON Thread Pitch Gauges			
16-Leaf Metric Thread Pitch Gauge		12016	11016
16-Leaf Standard and Metric Thread Pitch Gauge		12017	11017
18-Leaf Standard Thread Pitch Gauge		12018	11018

*Note: TR-73 comes with a hexagon nut

TAPS & DIES COMBINATION SETS

HANSON® 117-pc Machine Screw/Fractional/Metric Tap & Hex Die and Drill Bit Deluxe Set



26377

TAPS & DIES

Set Contents			Set Stock # 26377		
Thread Size Machine Screw	Tap Stock # Plug Style	Die Stock # 5/8" Hexagon	Drill Bit Size	Drill Bit Stock #	
4 - 40 NC	1112	6112	No. 3	80103	
6 - 32 NC	1118	6118	No. 7	80107	
8 - 32 NC	1124	6124	No. 9	80109	
10 - 24 NC	1128	6128	No. 16	80116	
10 - 32 NF	1131	6131	No. 19	80119	
12 - 24 NC	1132	6132	No. 20	80120	
Fractional			1" Hexagon	No. 21	80121
1/4" - 20 NC	1420	6520	No. 25	80125	
1/4" - 28 NF	1423	6523	No. 29	80129	
5/16" - 18 NC	1427	6527	No. 30	80130	
5/16" - 24 NF	1429	6529	No. 36	80136	
3/8" - 16 NC	1434	6534	No. 39	80139	
3/8" - 24 NF	1436	6536	No. 43	80143	
7/16" - 14 NC	1439	6539	Letter B	40102	
7/16" - 20 NF	1440	6540	Letter F	40106	
1/2" - 13 NC	1444	6544	Letter H	40108	
1/2" - 20 NF	1445	6545	Letter I	40109	
Metric			5/8" Hexagon	Letter J	40110
3 mm - 0.50	1712	6312	Letter O	40115	
4 mm - 0.70	1717	6317	Letter Q	40117	
4 mm - 0.75	1718	6318	Letter R	40118	
5 mm - 0.80	1722	6322	Letter S	40119	
5 mm - 0.90	1723	6323	Letter U	40121	
6 mm - 1.00	1727	6327	Letter Z	40126	
			1" Hexagon	5/64"	60105
7 mm - 1.00	1731	6631	7/64"	60107	
8 mm - 1.00	1733	6633	5/32"	60110	
8 mm - 1.25	1734	6634	1/4"	60116	
9 mm - 1.00	1736	6636	19/64"	60119	
9 mm - 1.25	1737	6637	5/16"	60120	
10 mm - 1.25	1739	6639	21/64"	60121	
10 mm - 1.50	1740	6640	3/8"	60124	
11 mm - 1.50	1741	6641	25/64"	60125	
12 mm - 1.50	1743	6643	13/32"	60126	
12 mm - 1.75	1744	6644	27/64"	60127	
Pipe			29/64"	60129	
1/8" - 27 NPT	1902	6702			
1/8" - 28 BSP	1911	6711			

Spiral Flute Screw Extractor	Stock #
EX - 1	52401
EX - 2	52402
EX - 3	52403
EX - 4	52404
EX - 5	52405

Threading Tools	Stock #
Adjustable Die Stock - 1" Dies	11026
Plain Die Stock - 5/8" Hexagon Dies	12457
Adj. Handle Tap Wrench - Taps No. 0 to 1/2"	311088
Two-in-One Tap Wrench - Taps 1/4" to 1/2"	12450
T-Handle Wrench - Taps No. 0 to 1/4"	12473
16 Leaf Metric Thread Pitch Gauge	11016
18 Leaf Standard Thread Pitch Gauge	11018
Empty Plastic Case For 26377	26377MT

**HANSON® 76-pc Machine
Screw/Fractional/Metric
Tap & Hex Die Set**



26376

Set Contents		Stock # 26376
Thread Size Machine Screw	Tap Stock # Plug Style	Die Stock # 5/8" Hexagon
4 - 40 NC	1112	6112
6 - 32 NC	1118	6118
8 - 32 NC	1124	6124
10 - 24 NC	1128	6128
10 - 32 NF	1131	6131
12 - 24 NC	1132	6132
Fractional		1" Hexagon
1/4" - 20 NC	1420	6520
1/4" - 28 NF	1423	6523
5/16" - 18 NC	1427	6527
5/16" - 24 NF	1429	6529
3/8" - 16 NC	1434	6534
3/8" - 24 NF	1436	6536
7/16" - 14 NC	1439	6539
7/16" - 20 NF	1440	6540
1/2" - 13 NC	1444	6544
1/2" - 20 NF	1445	6545
Metric		5/8" Hexagon
3 mm - 0.50	1712	6312
4 mm - 0.70	1717	6317
4 mm - 0.75	1718	6318
5 mm - 0.80	1722	6322
5 mm - 0.90	1723	6323
6 mm - 1.00	1727	6327
		1" Hexagon
7 mm - 1.00	1731	6631
8 mm - 1.00	1733	6633
8 mm - 1.25	1734	6634
9 mm - 1.00	1736	6636
9 mm - 1.25	1737	6637
10 mm - 1.25	1739	6639
10 mm - 1.50	1740	6640
11 mm - 1.50	1741	6641
12 mm - 1.50	1743	6643
12 mm - 1.75	1744	6644
Pipe		
1/8" - 27 NPT	1902	6702
1/8" - 28 BSP	1911	6711
Threading Tools		Stock #
Adj. Die Stock - 1" Dies		11026
Plain Die Stock - 5/8" Hexagon Dies		12457
Adj. Handle Tap Wrench - Taps No. 0 to 1/2"		311088
Two-in-One Tap Wrench - Taps 1/4" to 1/2"		12450
T-Handle Wrench - Taps No. 0 to 1/4"		12473
16 Leaf Metric Thread Pitch Gauge		11016
18 Leaf Standard Thread Pitch Gauge		11018
Empty Plastic Case For 26376		26376MT

TAPS & DIES

TAPS & DIES

HIGH CARBON STEEL COMBINATION SETS

HANSON® 66-pc Machine Screw/Fractional Tap & Hex Die Set



97606

TAPS & DIES

Set Contents		Stock # 97606
Thread Size	Tap Stock #	Die Stock #
Machine Screw	Plug Style	5/8" Hexagon
4 - 40 NC	1112	6112
6 - 32 NC	1118	6118
8 - 32 NC	1124	6124
10 - 24 NC	1128	6128
10 - 32 NF	1131	6131
12 - 24 NC	1132	6132
Fractional		1" Hexagon
1/4" - 20 NC	1420	6520
1/4" - 28 NF	1423	6523
5/16" - 18 NC	1427	6527
5/16" - 24 NF	1429	6529
3/8" - 16 NC	1434	6534
3/8" - 24 NF	1436	6536
7/16" - 14 NC	1439	6539
7/16" - 20 NF	1440	6540
1/2" - 13 NC	1444	6544
1/2" - 20 NF	1445	6545
		1-7/16" Hexagon
9/16" - 12 NC	1448	6848
9/16" - 18 NF	1449	6849
5/8" - 11 NC	1452	6852
5/8" - 18 NF	1454	6854
3/4" - 10 NC	1458	6858
3/4" - 16 NF	1460	6860
		1-13/16" Hexagon
7/8" - 9 NC	1461	8461
7/8" - 14 NF	1463	8463
1" - 8 NC	1465	8465
1" - 14 NS	1467	8467
Pipe		1" Hexagon
1/8" - 27 NPT	1902	6702
1/4" - 18 NPT	1903	7003
Threading Tools		Stock #
Adj. Die Stock - 1" Dies		11026
Adj. Die Stock - 1-7/16" Hexagon Dies		12436
Adj. Die Stock - 1-13/16" Hexagon Dies		12446
Plain Die Stock - 5/8" Hexagon Dies		12457
Adj. Handle Tap Wrench - Taps No. 0 to 1/2"		311088
Adj. Handle Tap Wrench - Taps 1/4" to 1"		12498
Two-in-One Tap Wrench - Taps 1/4" to 1/2"		12450
T-Handle Wrench - Taps No. 0 to 1/4"		12473
18 Leaf Standard Thread Pitch Gauge		11018

HANSON® 66-pc Metric Tap & Hex Die Set



97312

Set Contents		Stock # 97312
Thread Size Metric	Tap Stock # Plug Style	Die Stock # 5/8" Hexagon
3 mm - 0.50	1712	6312
4 mm - 0.70	1717	6317
4 mm - 0.75	1718	6318
5 mm - 0.80	1722	6322
5 mm - 0.90	1723	6323
6 mm - 1.00	1727	6327
1" Hexagon		
7 mm - 1.00	1731	6631
8 mm - 1.00	1733	6633
8 mm - 1.25	1734	6634
9 mm - 1.00	1736	6636
9 mm - 1.25	1737	6637
10 mm - 1.25	1739	6639
10 mm - 1.50	1740	6640
11 mm - 1.50	1741	6641
12 mm - 1.50	1743	6643
12 mm - 1.75	1744	6644
1-7/16" Hexagon		
14 mm - 1.25	2449	6949
14 mm - 1.50	1750	6950
14 mm - 2.00	1752	6952
16 mm - 1.50	1755	6955
16 mm - 2.00	1756	6956
18 mm - 1.50	1759	6959
18 mm - 2.50	1761	6961
1-13/16" Hexagon		
20 mm - 2.50	1764	8564
22 mm - 1.50	1765	8565
24 mm - 2.00	1768	8568
24 mm - 3.00	1769	8569
1" Hexagon		
Pipe		
1/8" - 28 BSP	1911	6711
Threading Tools		Stock #
Adj. Die Stock - 1" Dies		11026
Adj. Die Stock - 1-7/16" Hexagon Dies		12436
Adj. Die Stock - 1-3/16" Hexagon Dies		12446
Plain Die Stock - 5/8" Hexagon Dies		12457
T-Handle Wrench - Taps No. 0 to 1/4"		12473
Adj. Handle Tap Wrench - Taps No. 0 to 1/2"		311088
Adj. Handle Tap Wrench - Taps 1/4" to 1"		12498
Two-in-One Tap Wrench - Taps 1/4" to 1/2"		12450
16 Leaf Metric Thread Pitch Gauge		11016

TAPS & DIES

TAPS & DIES

HIGH CARBON STEEL COMBINATION SETS

HANSON® 53-pc Machine Screw/Fractional Tap & Hex Die Set



24640

Set Contents		Stock # 24640
Thread Size	Tap Stock #	Die Stock #
Machine Screw	Plug Style	1" Hexagon
6 - 32 NC	1118	6418
8 - 32 NC	1124	6424
10 - 24 NC	1128	6428
10 - 32 NF	1131	6431
12 - 24 NC	1132	6432
Fractional		
1/4" - 20 NC	1420	6520
1/4" - 28 NF	1423	6523
5/16" - 18 NC	1427	6527
5/16" - 24 NF	1429	6529
3/8" - 16 NC	1434	6534
3/8" - 24 NF	1436	6536
7/16" - 14 NC	1439	6539
7/16" - 20 NF	1440	6540
1/2" - 13 NC	1444	6544
1/2" - 20 NF	1445	6545
1-7/16" Hexagon		
9/16" - 12 NC	1448	6848
9/16" - 18 NF	1449	6849
5/8" - 11 NC	1452	6852
5/8" - 18 NF	1454	6854
3/4" - 10 NC	1458	6858
3/4" - 16 NF	1460	6860
Pipe		
1/8" - 27 NPT Pipe	1902	6072
1/4" - 18 NPT Pipe	1903	6703
Threading Tools		Stock #
Adj. Die Stock - 1" Dies		11026
Adj. Die Stock - 1-7/16" Hexagon Dies		12436
T-Handle Wrench - Taps No. 0 to 1/4"		12473
Adj. Handle Tap Wrench - Taps No. 0 to 1/2"		311088
Adj. Handle Tap Wrench - Taps 1/4" to 1"		12498
18 Leaf Standard Thread Pitch Gauge		11018

TAPS & DIES

HANSON 53-pc Metric Tap & Hex Die Set



26394

Set Contents		Stock # 26394
Thread Size	Tap Stock #	Die Stock #
Metric Screw	Plug Style	1" Hexagon
3 mm - 0.50	1712	6612
4 mm - 0.70	1717	6617
4 mm - 0.75	1718	6618
5 mm - 0.80	1722	6622
5 mm - 0.90	1723	6623
6 mm - 1.00	1727	6627
7 mm - 1.00	1731	6631
8 mm - 1.25	1734	6634
9 mm - 1.00	1736	6636
9 mm - 1.25	1737	6637
10 mm - 1.25	1739	6639
10 mm - 1.50	1740	6640
11 mm - 1.50	1741	6641
12 mm - 1.50	1743	6643
12 mm - 1.75	1744	6644
1-7/16" Hexagon		
14 mm - 1.25	1749	6949
14 mm - 2.00	1752	6952
16 mm - 1.50	1755	6955
16 mm - 2.00	1756	6956
18 mm - 1.50	1759	6959
18 mm - 2.50	1761	6961
Pipe		
1/8" - 28 BSP	1911	6711
1/4" - 19 BSP	1912	6712
Threading Tools		Stock #
Adj. Die Stock - 1" Dies		11026
Adj. Die Stock - Hexagon Dies		12436
T-Handle Wrench - Taps No. 0 to 1/4"		12473
T-Handle Wrench - Taps No. 0 to 1/2"		311088
Adj. Handle Tap Wrench - Taps 1/4" to 1"		12498
16 Leaf Metric Thread Pitch Gauge		11016
Empty Plastic Case		26394MT

HANSON® 41-pc Machine Screw/Fractional Tap & Hex Die Set



24606

- Plastic storage case with removable tray keeps all tools organized

Set Contents		Stock # 24606
Thread Size	Tap Stock #	Die Stock #
Machine Screw	Plug Style	5/8" Hexagon
4 - 40 NC	1112	6112
6 - 32 NC	1118	6118
8 - 32 NC	1124	6124
10 - 24 NC	1128	6128
10 - 32 NF	1131	6131
12 - 24 NC	1132	6132
Fractional		1" Hexagon
1/4" - 20 NC	1420	6520
1/4" - 28 NF	1423	6523
5/16" - 18 NC	1427	6527
5/16" - 24 NF	1429	6529
3/8" - 16 NC	1434	6534
3/8" - 24 NF	1436	6536
7/16" - 14 NC	1439	6539
7/16" - 20 NF	1440	6540
1/2" - 13 NC	1444	6544
1/2" - 20 NF	1445	6545
Pipe		1" Hexagon
1/8" - 27 NPT	1902	6702
Threading Tools		Stock #
Adj. Die Stock - 1" Dies		11026
Plain Die Stock - 5/8" Hexagon Dies		12457
Adj. Handle Tap Wrench - Taps No. 0 to 1/2"		311088
T-Handle Wrench - Taps No. 0 to 1/4"		12473
Two-in-One Tap Wrench - Taps 1/4" to 1/2"		12450
18 Leaf Standard Thread Pitch Gauge		11018
Empty Plastic Case		24606MT

HANSON 41-pc Metric Tap & Hex Die Set



26317

Set Contents		Stock # 26317
Thread Size	Tap Stock #	5/8" Die Stock #
Metric	Plug Style	Stock #
3 mm - 0.50	1712	6312
4 mm - 0.70	1717	6317
4 mm - 0.75	1718	6318
5 mm - 0.80	1722	6322
5 mm - 0.90	1723	6323
6 mm - 1.00	1727	6327
		1" Die Stock #
7 mm - 1.00	1731	6631
8 mm - 1.00	1733	6633
8 mm - 1.25	1734	6634
9 mm - 1.00	1736	6636
9 mm - 1.25	1737	6637
10 mm - 1.25	1739	6639
10 mm - 1.50	1740	6640
11 mm - 1.50	1741	6641
12 mm - 1.50	1743	6643
12 mm - 1.75	1744	6644
Pipe		Stock #
1/8" - 28 BSP	1911	6711
Threading Tools		Stock #
Adj. Die Stock - 1" Dies		11026
Plain Die Stock - 5/8" Hexagon Dies		12457
Adj. Handle Tap Wrench - Taps No. 0 to 1/2"		311088
T-Handle Wrench - Taps No. 0 to 1/4"		12473
Two-in-One Tap Wrench - Taps 1/4" to 1/2"		12450
16 Leaf Metric Thread Pitch Gauge		11016
Empty Plastic Case		26317MT

TAPS & DIES

HIGH CARBON STEEL COMBINATION SETS

HANSON® 25-pc Fractional Tap & Hex Die Set



97094

Set Contents		Stock # 97094
Thread Size Fractional	Tap Stock # Plug Style	Die Stock # 1-7/16" Hexagon
9/16" - 12 NC	1448	6848
9/16" - 18 NF	1449	6849
5/8" - 11 NC	1452	6852
5/8" - 18 NF	1454	6854
3/4" - 10 NC	1458	6858
3/4" - 16 NF	1460	6860
		1-13/16" Hexagon
7/8" - 9 NC	1461	8461
7/8" - 14 NF	1463	8463
1" - 8 NC	1465	8465
1" - 14 NS	1467	8467
Pipe		1-7/16" Hexagon
1/4" - 18 NPT	1903	7003
Threading Tools		Stock #
Adj. Die Stock - 1-7/16" Hexagon Dies		12436
Adj. Die Stock - 1-13/16" Hexagon Dies		12446
Adj. Handle Tap Wrench - Taps 1/4" to 1"		12498
Empty Plastic Case		97094MT

TAPS & DIES

HANSON 25-pc Metric Tap & Hex Die Set



97311

Set Contents		Stock # 97311
Thread Size Metric	Tap Stock # Plug Style	Die Stock # 1-7/16" Hexagon
14 mm - 1.25	2449*	6949
14 mm - 1.50	1750	6950
14 mm - 2.00	1752	6952
16 mm - 1.50	1755	6955
16 mm - 2.00	1756	6956
18 mm - 1.50	1759	6959
18 mm - 2.50	1761	6961
		1-13/16" Hexagon
20 mm - 2.50	1764	8564
22 mm - 1.50	1765	8565
24 mm - 2.00	1768	8568
24 mm - 3.00	1769	8569
Threading Tools		Stock #
Adj. Die Stock - 1-7/16" Hexagon Dies		12436
Adj. Die Stock - 1-13/16" Hexagon Dies		12446
Adj. Handle Tap Wrench - Taps 1/4" to 1"		12498
Empty Plastic Case		97311MT

HANSON® 41-pc Machine Screw/Fractional/Metric Tap & Hex Die Set



26319

Set Contents		Stock # 26319
Thread Size	Tap Stock #	Die Stock #
Machine Screw	Plug Style	5/8" Hexagon
6 - 32 NC	1118	6118
8 - 32 NC	1124	6124
10 - 24 NC	1128	6128
Fractional		1" Hexagon
1/4" - 20 NC	1420	6520
5/16" - 18 NC	1427	6527
3/8" - 16 NC	1434	6534
7/16" - 14 NC	1439	6539
1/2" - 13 NC	1444	6544
1/8" - 27 NPT	1902	6702
Metric		5/8" Hexagon
4 mm - 0.75	1718	6318
5 mm - 0.80	1722	6322
6 mm - 1.00	1727	6327
		1" Hexagon
7 mm - 1.00	1731	6631
8 mm - 1.25	1734	6634
10 mm - 1.25	1739	6639
10 mm - 1.50	1740	6640
12 mm - 1.75	1744	6644
Threading Tools		Stock #
Adj. Die Stock - 1" Dies		11026
Plain Die Stock - 5/8" Hexagon Dies		12457
Adj. Handle Tap Wrench - Taps No. 0 to 1/2"		311088
T-Handle Wrench - Taps No. 0 to 1/4"		12473
Two-in-One Tap Wrench - Taps 1/4" to 1/2"		12450
Standard and Metric Thread Pitch Gauge		11017

HANSON 12-pc Machine Screw/Fractional Tap & Hex Die Set



24605

Set Contents		Stock # 24605
Thread Size	Tap Stock #	Die Stock #
Machine Screw	Plug Style	5/8" Hexagon
6 - 32 NC	1118	6118
8 - 32 NC	1124	6124
10 - 24 NC	1128	6128
10 - 32 NF	1131	6131
Fractional		
1/4" - 20 NC	1420	6220
Threading Tools		Stock #
Plain Die Stock - 5/8" Hexagon Dies		12457
T-Handle Tap Wrench - Taps No. 0 to 1/4"		12401

TAPS & DIES

HIGH CARBON STEEL COMBINATION SETS

HANSON® 24-pc Fractional Tap & Hex Die Set



24614

Set Contents		Stock # 24614
Thread Size Fractional	Tap Stock # Plug Style	Die Stock # 1" Hexagon
1/4" - 20 NC	1420	6520
1/4" - 28 NF	1423	6523
5/16" - 18 NC	1427	6527
5/16" - 24 NF	1429	6529
3/8" - 16 NC	1434	6534
3/8" - 24 NF	1436	6536
7/16" - 14 NC	1439	6539
7/16" - 20 NF	1440	6540
1/2" - 13 NC	1444	6544
1/2" - 20 NF	1445	6545
Pipe		
1/8" - 27 NPT	1902	6702
Threading Tools		Stock #
Plain Die Stock - 1" Dies		11008
Offset Adj. Tap Wrench - Taps No. 0 to 1/2"		12421

HANSON 24-pc Metric Tap & Hex Die Set



26313

Set Content		Stock # 26313
Thread Size Metric	Tap Stock # Plug Style	Die Stock # 1" Hexagon
3 mm - 0.50	1712	6612
4 mm - 0.70	1717	6617
5 mm - 0.80	1722	6622
6 mm - 1.00	1727	6627
7 mm - 1.00	1731	6631
8 mm - 1.25	1734	6634
9 mm - 1.25	1737	6637
10 mm - 1.50	1740	6640
12 mm - 1.50	1743	6643
12 mm - 1.75	1744	6644
Pipe		
1/8" - 28 BSP	1911	6711
Threading Tools		Stock #
Plain Die Stock - 1" Dies		11008
Offset Adj. Tap Wrench - Taps No. 0 to 1/2"		12421

HANSON 12-pc Fractional Tap & Hex Die Set



24612

Set Contents		Stock # 24612
Thread Size Fractional	Tap Stock # Plug Style	Die Stock # 1" Hexagon
1/4" - 20 NC	1420	6520
5/16" - 18 NC	1427	6527
3/8" - 16 NC	1434	6534
7/16" - 14 NC	1439	6539
1/2" - 13 NC	1444	6544
Threading Tools		
Plain Die Stock - 1" Dies		11008
Offset Adj. Tap Wrench - Taps No. 0 to 1/2"		12421

**HANSON® 64-pc Machine
Screw/Fractional Tap & Solid/
Adjustable Round Die Set**



98614

Set Contents		Stock #	98614
Thread Size	Tap Stock #	Die Stock #	
Machine Screw	Plug Style	1" Solid Round	
4 - 40 NC	1112	3012	
6 - 32 NC	1118	3018	
8 - 32 NC	1124	3024	
10 - 24 NC	1128	3028	
10 - 32 NF	1131	3031	
12 - 24 NC	1132	3032	
Fractional			
1/4" - 20 NC	1420	3120	
1/4" - 28 NF	1423	3123	
5/16" - 18 NC	1427	3127	
5/16" - 24 NF	1429	3129	
3/8" - 16 NC	1434	3134	
3/8" - 24 NF	1436	3136	
7/16" - 14 NC	1439	3139	
7/16" - 20 NF	1440	3140	
1/2" - 13 NC	1444	3144	
1/2" - 20 NF	1445	3145	
		1-1/2" Adj. Round	
9/16" - 12 NC	1448	4048	
9/16" - 18 NF	1449	4049	
5/8" - 11 NC	1452	4052	
5/8" - 18 NF	1454	4054	
3/4" - 10 NC	1458	4058	
3/4" - 16 NF	1460	4060	
		2" Adj. Round	
7/8" - 9 NC	1461	4261	
7/8" - 14 NF	1463	4263	
1" - 8 NC	1465	4265	
1" - 12 NS	1466	4266	
Pipe			
		1" Solid Round	
1/8" - 27 NPT	1902	3202	
		1-1/2" Solid Round	
1/4" - 18 NPT	1903	4103	
Threading Tools		Stock #	
Adj. Die Stock - 1" Dies		11026	
Adj. Die Stock - 1-1/2" Adj. Round Dies		12435	
Adj. Die Stock - 2" Adj. Round Dies		12445	
Adj. Handle Tap Wrench - Taps No. 0 to 1/2"		311088	
Adj. Handle Tap Wrench - Taps 1/4" to 1"		12498	
T-Handle Wrench - Taps No. 0 to 1/4"		12401	
18 Leaf Standard Thread Pitch Gauge		11018	

TAPS & DIES

TAPS & DIES

HIGH CARBON STEEL COMBINATION SETS

HANSON® 64-pc Machine Screw/Fractional Tap & Adjustable/Solid Round Die Set



98146

TAPS & DIES

Set Contents		Stock # 98146	
Thread Size Machine Screw	Tap Stock # Plug Style	Die Stock # 1" Adj. Round	
4 - 40 NC	1112	3712	
6 - 32 NC	1118	3718	
8 - 32 NC	1124	3724	
10 - 24 NC	1128	3728	
10 - 32 NF	1131	3731	
12 - 24 NC	1132	3732	
Fractional			
1/4" - 20 NC	1420	3820	
1/4" - 28 NF	1423	3823	
5/16" - 18 NC	1427	3827	
5/16" - 24 NF	1429	3829	
3/8" - 16 NC	1434	3834	
3/8" - 24 NF	1436	3836	
7/16" - 14 NC	1439	3839	
7/16" - 20 NF	1440	3840	
1/2" - 13 NC	1444	3844	
1/2" - 20 NF	1445	3845	
		1-1/2" Adj. Round	
9/16" - 12 NC	1448	4048	
9/16" - 18 NF	1449	4049	
5/8" - 11 NC	1452	4052	
5/8" - 18 NF	1454	4054	
3/4" - 10 NC	1458	4058	
3/4" - 16 NF	1460	4060	
		2" Adj. Round	
7/8" - 9 NC	1461	4261	
7/8" - 14 NF	1463	4263	
1" - 8 NC	1465	4265	
1" - 12 NS	1466	4266	
Pipe		1" Solid Round	
1/8" - 27 NPT	1902	3202	
		1-1/2" Solid Round	
1/4" - 18 NPT	1903	4103	
Threading Tools		Stock #	
Adj. Die Stock - 1" Adj. Round Dies		12428	
Adj. Die Stock - 1-1/2" Adj. Round Dies		12435	
Adj. Die Stock - 2" Adj. Round Dies		12445	
Adj. Handle Tap Wrench - Taps No. 0 to 1/2"		311088	
Adj. Handle Tap Wrench - Taps 1/4" to 1"		12498	
T-Handle Wrench - Taps No. 0 to 1/4"		12401	
18 Leaf Standard Thread Pitch Gauge		11018	

HANSON® 41-pc Fractional Tap & Adjustable/Solid Round Die Set



25941

Set Contents		Stock # 25941	
Thread Size Fractional	Tap Stock # Plug Style	Die Stock # 1-1/2" Adj. Round	
1/4" - 20 NC	1420	4020	
1/4" - 28 NF	1423	4023	
5/16" - 18 NC	1427	4027	
5/16" - 24 NF	1429	4029	
3/8" - 16 NC	1434	4034	
3/8" - 24 NF	1436	4036	
7/16" - 14 NC	1439	4039	
7/16" - 20 NF	1440	4040	
1/2" - 13 NC	1444	4044	
1/2" - 20 NF	1445	4045	
9/16" - 12 NC	1448	4048	
9/16" - 18 NF	1449	4049	
5/8" - 11 NC	1452	4052	
5/8" - 18 NF	1454	4054	
3/4" - 10 NC	1458	4058	
3/4" - 16 NF	1460	4060	
Pipe		1-1/2" Solid Round	
1/8" - 27 NPT	1902	4102	
1/4" - 18 NPT	1903	4103	
Threading Tools		Stock #	
Adj. Die Stock - 1-1/2" Dies		12435	
T-Handle Wrench - Taps 1/4" to 1/2"		12402	
Adj. Handle Tap Wrench - Taps 1/4" to 1"		12498	
18 Leaf Standard Thread Pitch Gauge		11018	
Empty Plastic Case		25941MT	

TAPS & DIES



TAPS & DIES

HIGH CARBON STEEL COMBINATION SETS

HANSON® 39-pc Machine Screw/Fractional Tap & Solid Round Die Set



23614

Set Contents		Stock # 23614
Thread Size Machine Screw	Tap Stock # Plug Style	Die Stock # 1" Solid Round
4 - 40 NC	1112	3012
6 - 32 NC	1118	3018
8 - 32 NC	1124	3024
10 - 24 NC	1128	3028
10 - 32 NF	1131	3031
12 - 24 NC	1132	3032
Fractional		
1/4" - 20 NC	1420	3120
1/4" - 28 NF	1423	3123
5/16" - 18 NC	1427	3127
5/16" - 24 NF	1429	3129
3/8" - 16 NC	1434	3134
3/8" - 24 NF	1436	3136
7/16" - 14 NC	1439	3139
7/16" - 20 NF	1440	3140
1/2" - 13 NC	1444	3144
1/2" - 20 NF	1445	3145
Pipe		
1/8" - 27 NPT	1902	3202
Threading Tools		Stock #
Adj. Die Stock - 1" Dies		11026
T-Handle Wrench - Taps No. 0 to 1/4"		12401
Adj. Handle Tap Wrench - Taps No. 0 to 1/2"		311088
18 Leaf Standard Thread Pitch Gauge		11018
Empty Plastic Case		23614MT

TAPS & DIES

HANSON 39-pc Machine Screw/Fractional Tap & Adjustable Round Die Set



25914

Set Contents		Stock # 25914
Thread Size Machine Screw	Tap Stock # Plug Style	Die Stock # 1-1/2" Adj. Round
4 - 40 NC	1112	3712
6 - 32 NC	1118	3718
8 - 32 NC	1124	3724
10 - 24 NC	1128	3728
10 - 32 NF	1131	3731
12 - 24 NC	1132	3732
Fractional		
1/4" - 20 NC	1420	3820
1/4" - 28 NF	1423	3823
5/16" - 18 NC	1427	3827
5/16" - 24 NF	1429	3829
3/8" - 16 NC	1434	3834
3/8" - 24 NF	1436	3836
7/16" - 14 NC	1439	3839
7/16" - 20 NF	1440	3840
1/2" - 13 NC	1444	3844
1/2" - 20 NF	1445	3845
Pipe		
1/8" - 27 NPT	1902	3202
Threading Tools		Stock #
Adj. Die Stock - 1" Adj. Round Dies		12428
T-Handle Wrench - Taps No. 0 to 1/4"		12401
Adj. Handle Tap Wrench - Taps No. 0 to 1/2"		311088
18 Leaf Standard Thread Pitch Gauge		11018
Empty Plastic Case		25914MT

HANSON® 25-pc Fractional Tap & Adjustable/Solid Round Die Set



98000

Set Contents		Stock # 98000
Thread Size Fractional	Tap Stock # Plug Style	Die Stock # 1-1/2" Adj. Round
9/16" - 12 NC	1448	4048
9/16" - 18 NF	1449	4049
5/8" - 11 NC	1452	4052
5/8" - 18 NF	1454	4054
3/4" - 10 NC	1458	4058
3/4" - 16 NF	1460	4060
		2" Adj. Round
7/8" - 9 NC	1461	4261
7/8" - 14 NF	1463	4263
1" - 8 NC	1465	4265
1" - 14 NS	1467	4267
Pipe		1-1/2" Solid Round
1/4" - 18 NPT	1903	4103
Threading Tools		Stock #
Adj. Die Stock - 1-1/2" Adj. Round Dies		12435
Adj. Die Stock - 2" Adj. Round Dies		12445
Adj. Handle Tap Wrench - Taps 1/4" to 1"		12498
Empty Plastic Case		98000MT

HANSON 24-pc Fractional Tap & Solid Round Die Set



23622

Set Contents		Stock # 23622
Thread Size Fractional	Tap Stock # Plug Style	Die Stock # 1" Solid Round
1/4" - 20 NC	1420	3120
1/4" - 28 NF	1423	3123
5/16" - 18 NC	1427	3127
5/16" - 24 NF	1429	3129
3/8" - 16 NC	1434	3134
3/8" - 24 NF	1436	3136
7/16" - 14 NC	1439	3139
7/16" - 20 NF	1440	3140
1/2" - 13 NC	1444	3144
1/2" - 20 NF	1445	3145
Pipe		
1/8" - 27 NPT	1902	3202
Threading Tools		Stock #
Plain Die Stock - 1" Dies		11008
Offset Adj. Tap Wrench - Taps No. 0 to 1/2"		12421

TAPS & DIES

HIGH SPEED STEEL COMBINATION SETS

HANSON® 41-pc HSS Cut Thread Fractional Tap & Adjustable Die Set



543715

Set Contents		Stock # 543715
Thread Size Fractional	Tap Stock # Plug Style	Die Stock # 1-1/2" Adj. Round
1/4" - 20 NC	413010	503038
1/4" - 28 NF	413012	503039
5/16" - 18 NC	413015	503041
5/16" - 24 NF	413016	503042
3/8" - 16 NC	413018	503044
3/8" - 24 NF	413019	503045
7/16" - NC	413020	503046
7/16" - 20 NF	413021	503047
1/2" - 13 NC	413022	503048
1/2" - 20 NF	413023	503049
9/16" - 12 NC	413024	503051
9/16" - 18 NF	413025	503052
5/8" - 11 NC	413026	503053
5/8" - 18 NF	413027	503054
3/4" - 10 NC	413028	503057
3/4" - 16 NF	413029	503058
1/8" - 27 NPT	459001	503102
1/4" - 18 NPT	459002	503101
Threading Tools		Stock #
Adj. Die Stock - 1-1/2" Round Dies		12435
T-Handle Wrench - Taps No. 1/4" to 1/2"		12402
Adj. Handle Tap Wrench - Taps 1/4" to 1"		12498
18 Leaf Standard Thread Pitch Gauge		11018

TAPS & DIES

HANSON 39-pc HSS Cut Thread Machine Screw/ Fractional Tap & Adjustable Round Die Set



541614

Set Contents		Stock # 541614
Thread Size Machine Screw	Tap Stock # Plug Style	Die Stock # 1" Adj. Round
4 - 40 NC	403009	502009
6 - 32 NC	403015	502014
8 - 32 NC	403019	502018
10 - 24 NC	403022	502021
10 - 32 NF	403023	502022
12 - 24 NC	403025	502024
Fractional		
1/4" - 20 NC	413010	502038
1/4" - 28 NF	413012	502039
5/16" - 18 NC	413015	502041
5/16" - 24 NF	413016	502042
3/8" - 16 NC	413018	502044
3/8" - 24 NF	413019	502045
7/16" - 14 NC	413020	502046
7/16" - 20 NF	413021	502047
1/2" - 13 NC	413022	502048
1/2" - 20 NF	413023	502049
Pipe		
1/8" - 27 NPT	459001	502101
Threading Tools		Stock #
Adjustable Die Stock - 1" Adj. Round Dies		12428
T-Handle Wrench - Taps No. 0 to 1/4"		12401
Adj. Handle Tap Wrench - Taps No. 0 to 1/2"		311088
18 Leaf Standard Thread Pitch Gauge		11018