## **CARBON STEEL TAPS**

# MACHINE SCREW & FRACTIONAL TAPS

- Precision cut threads, accurately formed for consistent, exact threading.
- Heat treated and tempered for file hard threads, and longer, useful life.
- Designed for hand cutting applications.

#### **MACHINE SCREW**

NS = National Standard NC = National Coarse NF = National Fine SP = Spark Plug





#### **PLUG STYLE**

The most commonly used style of tap - 3 to 5 threads chamfered.



### **BOTTOMING STYLE**

For tapping to bottom of hole - 1 to 1-1/2 threads chamfered.

	CIZE	BEST	PLUG CARDED	PLUG BULK	DRILL/TAP CARDED	BOTTOMING CARDED	STD.
	SIZE	DRILL	PART NO.	PART NO.	PART NO.	PART NO.	PACK
	4-36 NS 4-40 NC	44 43	95001 95002	97001 97002	95302	_	2
	4-40 NC 5-40 NC	38	95002	5/002	33302	_	2
	6-32 NC	36	95004	97004	95304	99404*	2
NEW	6-48 NF	36	22004	J/004 _	73304	99409*	2
INEAA	8-32 NC	29	95005	97005	95305	99405*	2
NEW	8-36 NF	29		_	22202	99410*	2
NEW	8-40 NS	28	_	_	_	99411*	2
INEAA	10-24 NC	25	95006	97006	95306	99406*	2
	10-32 NF	21	95007	97007	95307	99407*	2
	12-24 NC	16	95008	97008	95308	99408*	2
	14-20 NS	10	95009	97009	-	-	2
	3/16-24 NS	26	95101	97101	_	99501*	2
	3/16-32 NS	22	95102	97102	-	-	2
	1/4-20 NC	7	95103	97103	95403	99503*	2
	1/4-28 NF	3	95104	97104	95404	99504*	2
	5/16-18 NC	F	95105	97105	95405	99505*	2
	5/16-24 NF	I	95106	97106	-	99506*	2
	3/8-16 NC	5/16"	95107	97107	95407	99507*	2
	3/8-24 NF	21/64"	95108	97108	-	99508*	2
	7/16-14 NC	3/8"	95109	97109	-	99509*	2
	7/16-20 NF	25/64"	95110	97110	-	99510*	2
	1/2-13 NC	27/64"	95111	97111	95411	99511*	2
	1/2-20 NF	29/64"	95112	97112	-	99512*	2
	9/16-12 NC	31/64"	95113	-	-	-	1
	9/16-18 NF	33/64"	95114	-	-	-	1
	5/8-11 NC	17/32"	95115	-	-	-	1
	5/8-18 NF	37/64"	95116	-	-	-	1
	3/4-10 NC	21/32"	97117	-	-	-	1
	3/4-16 NF	11/16"	97118	-	-	-	1
	7/8-9 NC	49/64"	97119	-	-	-	1
	7/8-14 NF	13/16"	97120	-	-	-	1
	7/8-18 SP	-	97304		-	-	1
	1-8 NC	7/8"	97121	-	-	-	1
	1-12 NF	15/16"	97122	-	-	-	1
	1-14 NS	15/16"	97123	-	-	-	1

\* standard pack of 1



### **CARBON STEEL TAPS & DIES**

## MACHINE SCREW & FRACTIONAL DIES

- Precision cut threads, accurately formed for consistent, exact threading.
- Heat treated and tempered for file hard threads, and longer, useful life.
- Designed for hand cutting applications.



SIZE	ACROSS FLATS	CARDED PART NO.	BULK PART NO.	STD. PACK
4-36 NS	1"	96100	98100	2
4-40 NC	1"	96101	98101	2
5-40 NC	1"	96099	98099	2
6-32 NC	1"	96102	98102	2
8-32 NC	1"	96103	98103	2
10-24 NC	1"	96104	98104	2
10-32 NF	1"	96105	98105	2
12-24 NC	1"	96106	98106	2
14-20 NS	1"	96107	98107	2
3/16-24 NS	1"	-	98199	2
3/16-32 NS	1"	-	98200	2
1/4-20 NC	1"	96201	98201	2
1/4-28 NF	1"	96202	98202	2
5/16-18 NC	1"	96203	98203	2
5/16-24 NF	1"	96204	98204	2
3/8-16 NC	1"	96205	98205	2
3/8-24 NF	1"	96206	98206	2
7/16-14 NC	1"	96207	98207	2
7/16-20 NF	1"	96208	98208	2
1/2-13 NC	1"	96209	98209	2
1/2-20 NF	1"	96210	98210	2
9/16-12 NC	1-7/16"	98211*	-	1
9/16-18 NF	1-7/16"	98212*	-	1
5/8-11 NC	1-7/16"	98213*	-	1
5/8-18 NF	1-7/16"	98214*	-	1
3/4-10 NC	1-7/16"	98215*	-	1
3/4-16 NF	1-7/16"	98216*	-	1
7/8-9 NC	1-5/8"	98217*	-	1
7/8-14 NF	1-5/8"	98218*	-	1
1-8 NC	1-13/16"	98219*	-	1
1-12 NF	1-13/16"	98220*	-	1
1-14 NF	1-13/16"	98221*	-	1

<sup>\*</sup> clamshell packaged

### **NATIONAL PIPE THREAD TAPS**

- Precision cut threads, accurately formed for consistent, exact threading.
- Heat treated and tempered for file hard threads, and longer, useful life.
- · Designed for hand cutting applications.
- National pipe thread tap sizes for internal threading on all type of pipes.



SIZE	BEST DRILL	CARDED PART NO.	BULK PART NO.	STD. PACK
1/8-27 NPT	21/64"	95201	97201	2
1/4-18 NPT	7/16"	95202	97202	2
3/8-18 NPT	37/64"	95203	-	2
1/2-14 NPT	23/32"	97204	-	1
3/4-14 NPT	59/64"	97205	-	1
1-11 1/2 NPT	1-5/32"	-	97206*	1
1-1/4-11 1/2 NPT	1/1/2"	-	97207	1
1-1/2-11 1/2 NPT	1-47/64"	_	97208	1
2-11 1/2 NPT	2-7/32"	-	97209	1

<sup>\*</sup> tube packaged

### **HEXAGON PIPE DIES**



SIZE	ACROSS FLATS	CARDED PART NO.	STD. PACK
1/8-27 NPT	1"	96301	2
1/4-18 NPT	1"	96302	2

### **BRITISH STANDARD PIPE TAP & DIE**





SIZE	STYLES	BULK PART NO.	STD. PACK
1/8 x 28 BSP	Тар	97218	1
1/8 x 28 BSP	Die	98318	1



## **METRIC CARBON STEEL TAPS & DIES**

### **METRIC TAPS - PLUG STYLE**

- Precision cut internal threads, accurately formed for consistent, exact threading.
- Heat treated and tempered for file hard threads, and longer, useful life.
- Designed for hand cutting applications.



	SIZE	BEST DRILL	CARDED PART NO.	BULK PART NO.	STD. PACK
	3.0 X 0.50	40	97300	96304	2
	3.0 X 0.60	3/32"	97305	96305	2
	4.0 X 0.70	30	97306	96306	2
	4.0 X 0.75	30	97307	96307	2
	5.0 X 0.80	19	97308	96308	2
	5.0 X 0.90	20	97309	96309	2
	6.0 X 1.00	9	97310	96310	2
	7.0 X 1.00	15/64"	97311	96311	2
	8.0 X 1.00	I	97312	96312	2
	8.0 X 1.25	Н	97313	96313	2
	9.0 X 1.00	5/16"	97314	-	2
	9.0 X 1.25	N	97315	96315	2
	10.0 X 1.00 SP	S	97322	97301	2
	10.0 X 1.25	11/32"	97316	96316	2
	10.0 X 1.50	Q	97317	96317	2
NEW	11.0 X 1.00	25/64"	97329	96333	2
NEW	11.0 X 1.25	W	97330	96334	2
	11.0 X 1.50	3/8"	97318	96318	2
	12.0 X 1.25	27/64"	97319	96319	2
	12.0 X 1.50	Z	97320	96320	2
	12.0 X 1.75	Υ	97321	96321	2
	14.0 X 1.25 SP	1/2"	95207	97302	2
	14.0 X 1.50	17/32"	97328	-	2
	14.0 X 2.00	15/32"	97323	-	3
	16.0 X 1.50	9/16"	97324	-	1
	16.0 X 2.00	35/64"	97325	-	1
	18.0 X 1.50 SP	41/64"	96326	-	1
	18.0 X 2.50	39/64"	96327	-	1
NEW	20.0 X 2.50	11/16"	-	96329	1
NEW	22.0 X 1.50	51/64"	-	96330	1
NEW	24.0 X 2.00	55/64"	-	96331	1
NEW	24.0X 3.00	53/64"	-	96332	1

### **METRIC DIES - HEXAGON**

- Precision cut external threads, accurately formed for consistent, exact threading.
- Heat treated and tempered for file hard threads, and longer, useful life.
- Designed for hand cutting applications.



SIZE	ACROSS FLATS	CARDED PART NO.	BULK PART NO.	STD. PACK
3.0 X 0.50	1"	97600	95599	2
3.0 X 0.60	1"	97603	95603	2
4.0 X 0.70	1"	97604	95604	2
4.0 X 0.75	1"	97605	95605	2
5.0 X 0.80	1"	97606	95606	2
5.0 X 0.90	1"	97607	95607	2
6.0 X 1.00	1"	97608	95608	2
7.0 X 1.00	1"	97609	95609	2
8.0 X 1.00	1"	97610	95610	2
8.0 x 1.25	1"	97611	95611	2
9.0 X 1.00	1"	97612	95612	2
9.0 X 1.25	1"	97613	95613	2
10.0 X 1.00	1"	97621	95621	2
10.0 X 1.25	1"	97614	95614	2
10.0 X 1.50	1"	97615	95615	2
11.0 X 1.50	1"	97616	95616	2
12.0 X 1.25	1"	97617	95617	2
12.0 X 1.50	1"	97618	95618	2
12.0 X 1.75	1"	97619	95619	2
14.0 X 1.25	1-1/2"	95620*	-	1
14.0 X 1.50	1-1/2"	95622*	-	1
14.0 X 2.00	1-1/2"	95623*	-	1
16.0 X 1.50	1-1/2"	95624*	-	1
16.0 X 2.00	1-1/2"	95625*	-	1
18.0 X 1.50	1-1/2"	95626*	-	1
18.0 X 2.50	1-1/2"	95627*	-	1

\* clamshell packaged



## **RETHREADING DIES & FILES**

### **RETHREADING DIES**

- · For repairing damaged bolts or studs.
- Made from high carbon alloy steel for a long tool life.





1/2-13 NC       92909       1         1/2-20 NF       92910       1         9/16-12 NC       92911       1         9/16-18 NF       92912       1         5/8-11 NC       92913       1         5/8-18 NF       92914       1         3/4-10 NC       92915       1         3/4-16 NF       92916       1         7/8-9 NC       92917       1         7/8-14 NF       92918       1         1-8 NC       92919       1         1-14 NF       92920       1         1-1/8-7 NC       92921       1         1-1/8-12 NF       92922       1         1-1/4-7 NC       92923       1	SIZE	BULK PART NO.	STD. PACK
9/16-12 NC       92911       1         9/16-18 NF       92912       1         5/8-11 NC       92913       1         5/8-18 NF       92914       1         3/4-10 NC       92915       1         3/4-16 NF       92916       1         7/8-9 NC       92917       1         7/8-14 NF       92918       1         1-8 NC       92919       1         1-14 NF       92920       1         1-1/8-7 NC       92921       1         1-1/8-12 NF       92922       1         1-1/4-7 NC       92923       1	1/2-13 NC	92909	1
9/16-18 NF     92912     1       5/8-11 NC     92913     1       5/8-18 NF     92914     1       3/4-10 NC     92915     1       3/4-16 NF     92916     1       7/8-9 NC     92917     1       7/8-14 NF     92918     1       1-8 NC     92919     1       1-14 NF     92920     1       1-1/8-7 NC     92921     1       1-1/8-12 NF     92922     1       1-1/4-7 NC     92923     1	1/2-20 NF	92910	1
5/8-11 NC       92913       1         5/8-18 NF       92914       1         3/4-10 NC       92915       1         3/4-16 NF       92916       1         7/8-9 NC       92917       1         7/8-14 NF       92918       1         1-8 NC       92919       1         1-14 NF       92920       1         1-1/8-7 NC       92921       1         1-1/8-12 NF       92922       1         1-1/4-7 NC       92923       1	9/16-12 NC	92911	1
5/8-18 NF       92914       1         3/4-10 NC       92915       1         3/4-16 NF       92916       1         7/8-9 NC       92917       1         7/8-14 NF       92918       1         1-8 NC       92919       1         1-14 NF       92920       1         1-1/8-7 NC       92921       1         1-1/8-12 NF       92922       1         1-1/4-7 NC       92923       1	9/16-18 NF	92912	1
3/4-10 NC 92915 1 3/4-16 NF 92916 1 7/8-9 NC 92917 1 7/8-14 NF 92918 1 1-8 NC 92919 1 1-14 NF 92920 1 1-1/8-7 NC 92921 1 1-1/8-12 NF 92922 1 1-1/4-7 NC 92923 1	5/8-11 NC	92913	1
3/4-16 NF 92916 1 7/8-9 NC 92917 1 7/8-14 NF 92918 1 1-8 NC 92919 1 1-14 NF 92920 1 1-1/8-7 NC 92921 1 1-1/8-12 NF 92922 1 1-1/4-7 NC 92923 1	5/8-18 NF	92914	1
7/8-9 NC     92917     1       7/8-14 NF     92918     1       1-8 NC     92919     1       1-14 NF     92920     1       1-1/8-7 NC     92921     1       1-1/8-12 NF     92922     1       1-1/4-7 NC     92923     1	3/4-10 NC	92915	1
7/8-14 NF     92918     1       1-8 NC     92919     1       1-14 NF     92920     1       1-1/8-7 NC     92921     1       1-1/8-12 NF     92922     1       1-1/4-7 NC     92923     1	3/4-16 NF	92916	1
1-8 NC     92919     1       1-14 NF     92920     1       1-1/8-7 NC     92921     1       1-1/8-12 NF     92922     1       1-1/4-7 NC     92923     1	7/8-9 NC	92917	1
1-14 NF     92920     1       1-1/8-7 NC     92921     1       1-1/8-12 NF     92922     1       1-1/4-7 NC     92923     1	7/8-14 NF	92918	1
1-1/8-7 NC     92921     1       1-1/8-12 NF     92922     1       1-1/4-7 NC     92923     1	1-8 NC	92919	1
1-1/8-12 NF 92922 1 1-1/4-7 NC 92923 1	1-14 NF	92920	1
1-1/4-7 NC 92923 1	1-1/8-7 NC	92921	1
	1-1/8-12 NF	92922	1
	1-1/4-7 NC	92923	1
1-1/4-12 NF 92924 1	1-1/4-12 NF	92924	1



#92935, #92931, or #92932

#### **RETHREADING SETS**

NO. OF PIECES	TYPE	INCLUDES	CARDED PART NO.	STD. PACK
5	Metric	6.0 x 1.00, 7.0 x 1.00, 8.0 x 1.25, 10.0 x 1.50 and 12.0 x 1.75 hexagonal rethreading dies.	92935	1
7	Fractional	1/4", 5/16", 3/8", 7/16", 1/2", 9/16" and 5/8" coarse thread hexagonal rethreading dies.	92931	1
7	Fractional	1/4", 5/16", 3/8", 7/16", 1/2", 9/16" and 5/8" fine tread hexagonal rethreading dies.	92932	1

### "NU-THRED" RESTORING

- Restore damaged threads that are bent, rusted or cross threaded.
- For use on screws, bolts, studs, pipe and pipe fittings.
- Can be used as a pitch gauge.
- Oxide coated to prevent corrosion.

RESTORING SIZE	POUCHED PART NO.	STD. PACK
0.80 to 3.00	92943	1
11, 12, 13, 14,16, 18, 20 and 24 TPI	92941	1
9, 10, 12, 16,20, 27, 28 and 32 TPI	92942	1





## **SCREW EXTRACTORS**

### **LEFT HAND STUB DRILLS**

- Industrial, polished finish, 135° split point.
- "Stubby" mechanics length drill bit for additional strength.
- Made from premium cobalt steel.



SIZE	DECIMAL EQUIVALENT	FLUTE LENGTH	OVERALL LENGTH	CARDED PART NO.	STD. PACK
5/64"	0.0781	1"	2"	74104	4
7/64"	0.1094	1"	2-3/16"	74107	4
1/8"	0.1250	1-1/16"	2-1/4"	74108	4
5/32"	0.1562	1-1/4"	2-9/16"	74110	4
3/16"	0.1875	1-1/2"	2-7/8"	74112	4
1/4"	0.2500	1-3/4"	3-5/16"	74116	4
19/64"	0.2969	2-1/16"	3-5/8"	74119	3
5/16"	0.3125	2-1/8"	3-3/4"	74120	3
3/8"	0.3750	2-3/8"	4-1/8"	74124	3
13/32"	0.4062	2-1/2"	4-3/8"	74126	3
7/16"	0.4375	2-5/8"	4-9/16"	74128	3
15/32"	0.4688	2-3/4"	4-3/4"	74130	3
1/2"	0.5000	2-7/8"	5"	74132	3



#74105

#### **LEFT HANDED DRILL SET**

NO. OF PIECES	INCLUDES	PART NO.	STD. PACK
5	Includes 1/8", 3/16", 1/4", 5/16" and 3/8" left hand drills.	74105	1







**FLIP BIT** 



**EXTRACT SCREW** 

# DAMAGED SCREW REMOVERS

- Double-end extractor tips remove stripped bolts or screws quickly and easily.
- Extracts all types of damaged screwdriving bits.

### **DAMAGED SCREW REMOVER**

- Made from hardened steel for a long, durable tool life.
- Power notch shank fits quick-change adapters.





SIZE	REMOVES SCREW SIZE	REMOVES SAE BOLT	REMOVES METRIC BOLT	CARDED PART NO.	STD. PACK
#0	0 TO 3/ Broken Heads	-	_	73420	2
#1	4 TO 7	10-12	5MM	73421	2
#2	8 TO 10	1/4"	6MM	73422	2
#3	11 TO 14	5/16"	8MM	73423	2

### **DAMAGED SCREW REMOVER SET**

NO. OF PIECES	STYLE	INCLUDES	CARDED STD. PART NO. PACK
4	Spiral	#0, #1, #2, and #3 damaged screw removers.	73430 2



### **SCREW EXTRACTORS**

# SPIRAL FLUTE SCREW EXTRACTORS

 Screw extractors are used when a screw or bolt has broken off while still in the fastening hole.



SIZE	REMOVES BOLT OR SCREW SIZE	REMOVES PIPE	USE DRILL SIZE	CARDED PART NO.	STD. PACK	BULK PART NO.	STD. PACK
1	3/32" - 5/32"	-	5/64"	73401	4	73301	6
2	5/32" - 7/32"	-	7/64"	73402	4	73302	6
3	7/32" - 9/32"	-	5/32"	73403	4	73303	6
4	9/32" - 3/8"	1/8"	1/4"	73404	4	73304	6
5	3/8" - 5/8"	1/4"	19/64"	73405	4	73305	6
6	5/8" -7/8"	3/8"	13/32"	73406	3	73306	3
7	7/8" -1-1/8"	1/2"	17/32"	73307	1	-	-
8	1-1/8" -1-3/8"	3/4"	13/16"	73308*	1	-	-
9	1-3/8" - 2"	1	1-1/16"	73309*	1	_	_

<sup>\*</sup> tube packaged

### SQUARE FLUTE SCREW EXTRACTORS

- Screw extractors are used when a screw or bolt has broken off while still in the fastening hole.
- · Ideal for thin wall extractions.
- · Will not spread the wall as it extracts.



SIZE	REMOVES BOLT OR SCREW SIZE	REMOVES PIPE	USE DRILL SIZE	CARDED PART NO.	STD. PACK	BULK PART NO.	STD. PACK
1	3/16" - 5/16"	-	9/64"	73201	4	73101	6
2	3/8"	-	3/16"	73202	4	73102	6
3	7/16"	1/8"	15/64"	73203	4	73103	6
4	1/2" - 9/16"	1/4"	5/16"	73204	4	73104	6
5	5/8"	3/8"	3/8"	73205	4	73105	6
6	3/4"	1/2"	15/32"	73206	3	73106	3
7	7/8"	-	9/16"	73107	1	-	1



#73414



#73415



#73214



#73215



#88710

### **SCREW EXTRACTOR SETS**

NO. OF PIECES	STYLE	INCLUDES	CARDED PART NO.	STD. PACK
5	Spiral	#1, #2, #3, #4 and #5 screw extractors.	73415	2
6	Spiral	#1, #2, #3, #4, #5 and #6 screw extractors.	73414	2
5	Square	#1, #2, #3, #4 and #5 screw extractors.	73215	4
6	Square	#1, #2, #3, #4, #5 and #6 screw extractors.	73214	4
10	HSS & Spiral	5/64", 7/64", 5/32", 1/4", 17/64" 135° quick cut point drills and #1, #2, #3, #4, #5 spiral screw extractors.	88710	4



## TAP & DIE ACCESSORIES

### **PITCH GAUGE**

• For measuring pitch for metric or fractional threads per inch.



SERIES	RANGE	CARDED PART NO.	BULK PART NO.	STD. PACK
Fractional	12-40 threads per inch	98401	98403*	2
Metric	0.50 -1.75 pitch, NPT and BSP	98402	98404*	2

\* standard pack of 4

### **SELF-CENTERING GUIDE DIE STOCK**

• Heavy duty adjustable wrench maintains alignment for accurate threading while locking hex dies or round dies with a set screw.



FOR DIE	CARDED	BULK	STD.
SIZE A/F	PART NO.	PART NO.	PACK
1"	98511	-	1

### **SOLID DIE STOCK**

· Non-adjustable die stock locks in round or hex dies with one set screw.



FOR DIE SIZE A/F	CARDED PART NO.	CARDED STD. PACK	BULK PART NO.	BULK STD. PACK
1"	98504	2	98304	1
1-7/16"	-	-	98513	1
1-13/16"	-	-	98516	1

### T-HANDLE TAP WRENCH

leverage, used to hold taps or screw extractors.



FOR TAP/ EXT. SIZE	CARDED PART NO.	CARDED STD. PACK	BULK PART NO.	BULK STD. PACK
0" to 1/4", 0.00 to 6.0M	98501	2	98601	1
1/4" to 1/2", 7.00 to 12.0M	98502	2	98602	1

### **ADJUSTABLE TAP WRENCH**

 A heavy duty adjustable wrench used to hold and turn taps and screw extractors.



CARDED PART NO.	CARDED STD. PACK	BULK PART NO.	BULK STD. PACK
98510	3	98110	1
-	-	98512	1
	98510	PART NO. STD. PACK 98510 3	PART NO.         STD. PACK         PART NO.           98510         3         98110

### **CUTTING OIL**





APPLICATION	PART NO.	STD. PACK	
For use in conjunction with taps, dies and drills for smooth, precise cuts and extended tool life.	64113	3	



## **TAP & DIE SETS**

### FRACTIONAL TAP & DIE SETS







NO. OF PIECES	TYPE	INCLUDES	PART NO.	STD. PACK
14	Fractional	Tap wrench, 1" die stock, 1/4-20 NC, 5/16-18 NC, 3/8-16 NC, 7/16-14 NC, 1/2-13 NC, 1/8-27 NPT taps and 1/4-20 NC, 5/16-18 NC, 3/8-16 NC, 7/16-14 NC, 1/2-13 NC, 1/8-27 NPT dies.	98902	1
14	Fractional	Tap wrench, 1" die stock, 1/4-28 NF, 5/16-24 NF, 3/8-24 NF, 7/16-20 NF, 1/2-20 NF, 1/8-27 NPT taps and 1/4-28 NF, 5/16-24 NF, 3/8-24 NF, 7/16-20 NF, 1/2-20 NF, 1/8-27 NPT dies.	98903	1
24	Fractional	Tap wrench, 1" die stock, 1/4-20 NC, 1/4-28 NF, 5/16-18 NC, 5/16-24 NF, 3/8-16 NC, 3/8-24 NF, 7/16-14 NC, 7/16-20 NF, 1/2-13 NC, 1/2-20 NF, 1/8-27 NPT taps and 1/4-20 NC, 1/4-28 NF, 5/16-18 NC, 5/16-24 NF, 3/8-16 NC, 3/8-24 NF, 7/16-14 NC, 7/16-20 NF, 1/2-13 NC, 1/2-20 NF, 1/8-27 NPT dies.	98904	1
40	Fractional	0"-1/4" T-handle tap, 1/4"-1/2" T-handle tap wrench, wrench, 0"-1" adjustable tap wrench, 1" adjustable die stock, pitch gauge, screwdriver, 4-40 NC, 6-32 NC, 8-32 NC, 10-24 NC, 10-32 NF, 12-24 NC, 1/4-20 NC, 1/4-28 NF, 5/16-18 NC, 5/16-24 NF, 3/8-16 NC, 3/8-24 NF, 7/16-14 NC, 7/16-20 NF, 1/2-13 NC, 1/2-20 NF, 1/8-27 NPT taps and 4-40 NC, 6-32 NC, 8-32 NC, 10-24 NC, 10-32 NF, 12-24 NC, 1/4-20 NC, 1/4-28 NF, 5/16-18 NC, 5/16-24 NF, 3/8-16 NC, 3/8-24 NF, 7/16-14 NC, 7/16-20 NF, 1/2-13 NC, 1/2-20 NF, 1/8-27 NPT dies.	98900	1
58	Fractional	T-handle tap wrench, 1/16" -1/2" adjustable tap wrench, 1/4" -3/4" adjustable tap wrench, 1" hex die stock, 1-7/16" hex die stock, pitch gauge, screwdriver, #1 to #5 screw extractors, 6-32 NC, 8-32 NC, 10-24 NC, 12-24 NC, 5/16-18 NC, 3/8-16 NC, 7/16-14 NC, 1/2-13 NC, 9/16-12 NC, 5/8-11 NC, 3/4-10 NC, 10-32 NF, 1/4-28 NF, 5/16-24 NF, 3/8-24 NF, 7/16-20 NF, 1/2-20 NF, 9/16-18 NF, 5/8-18 NF, 3/4-16 NF, 1/8-27 NPT, 1/4-18 NPT taps and	98958	1

6-32 NC, 8-32 NC, 10-24 NC, 12-24 NC, 1/4-20 NC, 5/16-18 NC, 3/8-16 NC, 7/16-14 NC, 1/2-13 NC, 9/16-12 NC, 5/8-11 NC, 3/4-10 NC, 10-32 NF, 1/4-28 NF, 5/16-24 NF, 3/8-24 NF, 7/16-20 NF,

1/2-20 NF, 9/16-18 NF, 5/8-18 NF, 3/4-16 NF,

1/8-27 NPT, 1/4-18 NPT dies.



## **TAP & DIE SETS**

### **METRIC TAP & DIE SETS**





NO. OF PIECES	TYPE	INCLUDES	PART NO.	STD. PACK
40	Metric	0"-1/4" T-handle tap, 1/4"-1/2" T-handle tap wrench, 0"-1" adjustable tap wrench, 1" adjustable die stock, pitch gauge, screwdriver, 3.0 x 0.60, 4.0 x 0.70, 4.0 x 0.75, 5.0 x 0.80, 5.0 x 0.90, 6.0 x 1.00, 7.0 x 1.00, 8.0 x 1.00, 8.0 x 1.25, 9.0 x 1.00, 9.0 x 1.25, 10.0 x 1.25, 10.0 x 1.50, 11.0 x 1.50, 12.0 x 1.25, 12.0 x 1.50, 12.0 x 1.75 taps and 3.0 x 0.60, 4.0 x 0.70, 4.0 x 0.75, 5.0 x 0.80, 5.0 x 0.90, 6.0 x 1.00, 7.0 x 1.00, 8.0 x 1.25, 10.0 x 1.50, 11.0 x 1.50, 12.0 x 1.25, 12.0 x 1.50, 12.0 x 1.75 dies.	98912	1
58	Metric	T-handle tap wrench, 1/16"-1/2" adjustable tap wrench, 1/4"-3/4" adjustable tap wrench, 1" hex die stock, 1-7/16" hex die stock, pitch gauge, screwdriver, #1 to #5 screw extractors, 3.0 x 0.60, 4.0 x 0.70, 4.0 x 0.75, 5.0 x 0.80, 5.0 x 0.90, 6.0 x 1.00, 7.0 x 1.00, 8.0 X 1.25, 9.0 x 1.00, 9.0 x 1.25, 10.0 x 1.25, 10.0 x 1.50, 11.0 x 1.50, 12.0 x 1.50, 12.0 x 1.50, 16.0 x 2.00, 18.0 x 1.50, 18.0 x 2.50, 1/8 x 28 BSP, 1/4 X 19 BSP taps.	98957	1