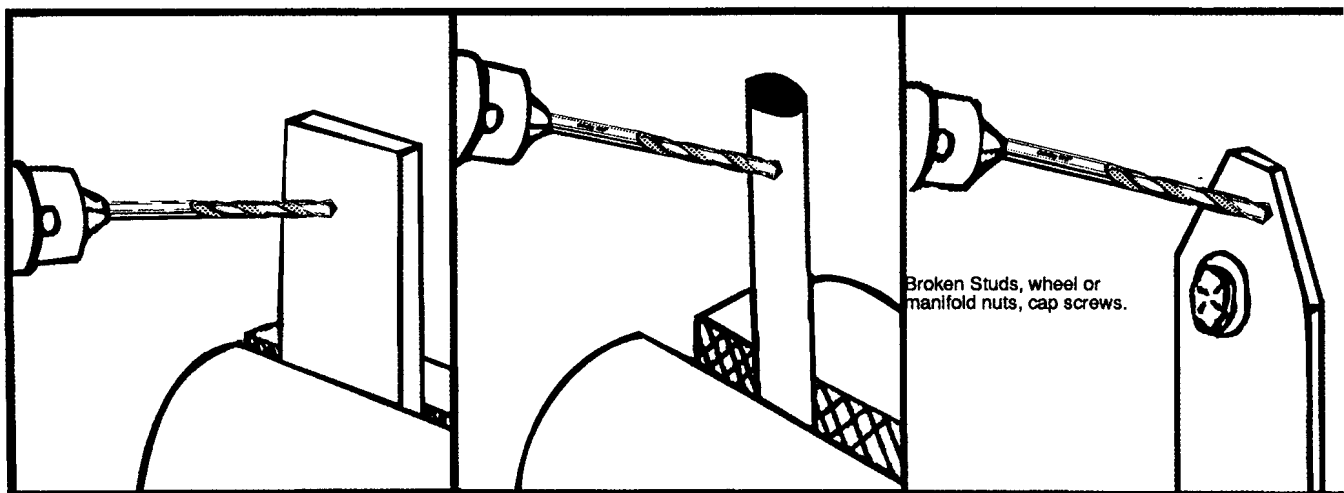


O.E.M. HARDWARE

Hard to Find Fasteners Our Specialty

Coballoy® SP II TWIST DRILLS

IN MAINTENANCE YOU NEVER KNOW WHAT
MATERIAL YOU WILL BE DRILLING NEXT



Spring Steel

Stainless Steel

Frame Steel

AS A RESULT ORDINARY DRILLS...



BREAK



DULL



BEND

O.E.M. HARDWARE CAN SOLVE THESE PROBLEMS

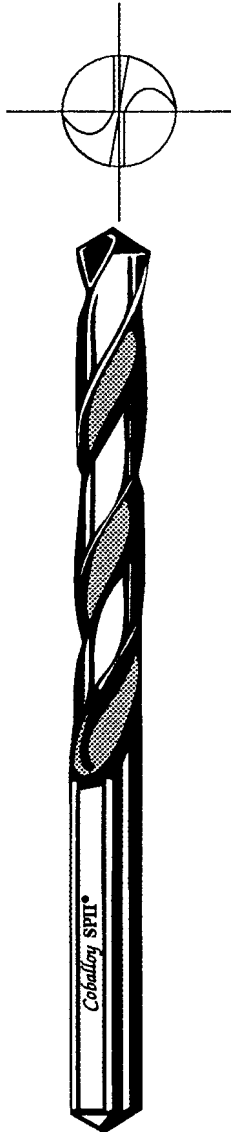
O.E.M. HARDWARE

Hard to Find Fasteners Our Specialty



Coballoy® SP II TWIST DRILLS

DESIGNED FOR MAINTENANCE



- Special Hi-molybdenum tool steel
- 135° SPLIT POINT for fast penetration and accuracy starting without a centre punch
- precision design for the ultimate in accuracy and performance
- Body and clearance are gold surface treated for maximum lubricity
- Heat treated at 2185° F and then nitro-carborize finished at 950° F to be measurably harder than high speed steel and even cobalt steel.
- Space age nitro-carborized steel with stands substantially higher drilling temperatures while maintaining sharpness.

AS A RESULT YOU GET...

- FASTER DRILLING WITH LESS EFFORT
- LONGER DRILL LIFE
- REDUCED BREAKAGE
- FAR MORE HOLES PER DRILL IN ALL TYPES OF METALS OR MATERIALS

APPLICATIONS

- Remove set screws, broken cap screws and studs.
- Drill hard to reach places without centre punching.
- Drill all common automotive, industrial, construction and transportation metals, including cast iron, with one drill.

**Coballoy® SP II TWIST DRILLS WILL SAVE
YOU TIME AND MONEY IN ALL YOUR MAINTENANCE
DRILLING**

O.E.M. HARDWARE

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Coballoy® SP II TWIST DRILLS

DIA.	DECIMAL EQUIV.	LENGTH OVERALL	LENGTH OF TWIST	PART NO.	
1/16	.0625	1-7/8	7/8	70304	BC/G
5/64	.0781	2	1	70305	BC/G
3/32	.0937	2-1/4	1-1/4	70306	BC/G
7/64	.1094	2-5/8	1-1/2	70307	BC/G
1/8	.1250	2-3/4	1-5/8	70308	BC/G
9/64	.1406	2-7/8	1-3/4	70309	BC/G
5/32	.1562	3-1/8	2	70310	BC/G
11/64	.1719	3-1/4	2-1/8	70311	BC/G
3/16	.1875	3-1/2	2-5/16	70312	BC/G
13/64	.2031	3-5/8	2-7/16	70313	BC/G
7/32	.2187	3-3/4	2-1/2	70314	BC/G
15/64	.2344	3-7/8	2-5/8	70315	BC/G
1/4	.2500	4	2-3/4	70316	BC/G
17/64	.2656	4-1/8	2-7/8	70317	BC/G
9/32	.2812	4-1/4	2-15/16	70318	BC/G
19/64	.2969	4-3/8	3-1/16	70319	BC/G
5/16	.3125	4-1/2	3-3/16	70320	BC/G
21/64	.3281	4-5/8	3-5/16	70321	BC/G
11/32	.3437	4-3/4	3-7/16	70322	BC/G
23/64	.3594	4-7/8	3-1/2	70323	BC/G
3/8	.3750	5	3-5/8	70324	G/D
25/64	.3906	5-1/8	3-3/4	70325	G/D
13/32	.4062	5-1/4	3-7/8	70326	G/D
27/64	.4219	5-3/8	3-15/16	70327	G/D
7/16	.4375	5-1/2	4-1/16	70328	G/D
29/64	.4531	5-5/8	4-3/16	70329	G/D
15/32	.4687	5-3/4	4-5/16	70330	G/D
31/64	.4844	5-7/8	4-3/8	70331	G/D
1/2	.5000	6	4-1/2	70332	G/D

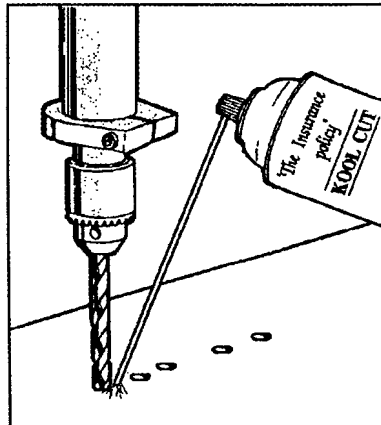
For longer Tool life use...

KOOL KUT®

Part No. 900-130

"The Insurance Policy"

see section N4 for more details



- Split point eliminates centre punching
- Special designed flute provides fast chip removal
- Drills more metals faster with less effort
- Safer - longer lasting

**Outlasts Regular Drills
10 to 1**

O.E.M. HARDWARE

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Coballoy® SP II HEAVY DUTY TWIST DRILLS 1/2" SHANK

Outlasts Regular Drills
10 to 1



DRILL SIZE	DECIMAL EQUIV.	FLUTE LENGTH	OVERALL LENGTH	PART NO.		INDEX
33/64	.515	3"	6"	70333	C/B	
9/16	.562	3"	6"	70336	C/B	X
5/8	.625	3"	6"	70340	C/B	X
11/16	.6875	3"	6"	730-254	C/B	X
3/4	.750	3"	6"	70348	C/B	X
13/16	.8125	3"	6"	730-025	C/B	X
7/8	.875	3"	6"	70356	C/B	X
15/16	.9375	3"	6"	730-035	C/B	X
1"	1.000	3"	6"	70364	C/B	X
1-1/16	1.0625	3"	6"	730-500	C/B	
1-1/8	1.1250	3"	6"	730-501	C/B	
1-3/16	1.1875	3"	6"	730-502	C/B	
1-1/4	1.2500	3"	6"	730-503	C/B	
OTHER SIZES AVAILABLE UPON REQUEST						

- 3 FLATS ON SHANK TO REDUCE SLIPPING
- OUTLASTS ORDINARY DRILLS UP TO **10 TO 1**
- FAR MORE HOLES PER DRILL IN ALL TYPES OF METALS OR MATERIALS

INDEX w/8
pieces
Part No 70105

Coballoy® SP II HEAVY DUTY TWIST DRILLS 3/8" SHANK

New



DRILL SIZE	DECIMAL EQUIV.	FLUTE LGTH	OVERALL LGTH	PART NO.	
25/64	.3906	3-3/4	5-1/8	70425	C/B
13/32	.4062	3-7/8	5-1/4	70426	C/B
27/64	.4218	3-15/16	5-3/8	70427	C/B
7/16	.4375	4-1/16	5-1/2	70428	C/B
29/64	.4531	4-3/16	5-5/8	70429	C/B
15/32	.4687	4-5/16	5-3/4	70430	C/B
31/64	.4843	4-3/8	5-7/8	70431	C/B
1/2	.5000	4-1/2	6	70432	C/B
17/32	.5312			70435	C/B
9/16	.5600			70536	C/B
19/32	.5937			70437	C/B
5/8	.6250			70438	C/B
OTHER SIZES AVAILABLE UPON REQUEST					

- OUTLASTS ORDINARY DRILLS UP TO **10 TO 1**
- FAR MORE HOLES PER DRILL IN ALL TYPES OF METALS OR MATERIALS

O.E.M. HARDWARE

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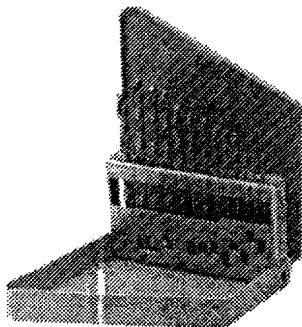
Coballoy® SP II TWIST DRILLS SETS

PART NO.	SIZE	13 PIECE	15 PIECE	21 PIECE	29 PIECE
70304	1/16	✓	✓	✓	✓
70305	5/64	✓	✓	✓	✓
70306	3/32	✓	✓	✓	✓
70307	7/64	✓	✓	✓	✓
70308	1/8	✓	✓	✓	✓
70309	9/64	✓	✓	✓	✓
70310	5/32	✓	✓	✓	✓
70311	11/64	✓	✓	✓	✓
70312	3/16	✓	✓	✓	✓
70313	13/64	✓	✓	✓	✓
70314	7/32	✓	✓	✓	✓
70315	15/64	✓	✓	✓	✓
70316	1/4	✓	✓	✓	✓
70317	17/64		✓	✓	✓
70318	9/32		✓	✓	✓
70319	19/64		✓	✓	✓
70320	5/16		✓	✓	✓
70321	21/64		✓	✓	✓
70322	11/32		✓	✓	✓
70323	23/64		✓	✓	✓
70324	3/8		✓	✓	✓
70325	25/64		✓	✓	✓
70326	13/32		✓	✓	✓
70327	27/64		✓	✓	✓
70328	7/16		✓	✓	✓
70329	29/64		✓	✓	✓
70330	15/32		✓	✓	✓
70331	31/64		✓	✓	✓
70332	1/2		✓	✓	✓

13 Piece Coballoy SP II® Drill Set
 Sizes 1/16 to 1/4 by 64ths
 Complete with metal index

Part No
70096

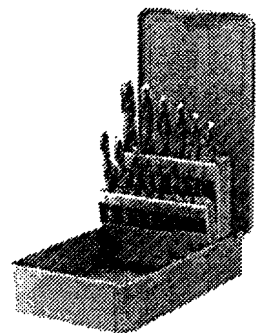
Container Only
 78800



15 Piece Coballoy SP II® Drill Set
 Sizes 1/16 to 1/2 by 32ths
 Complete with metal index

Part No
70095

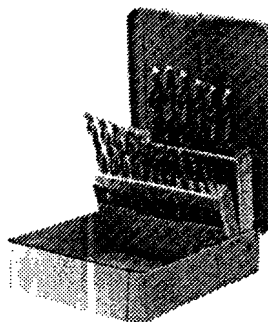
Container Only
 78801



21 Piece Coballoy SP II® Drill Set
 Sizes 1/16 to 3/8 by 64ths
 Complete with metal index

Part No
70094

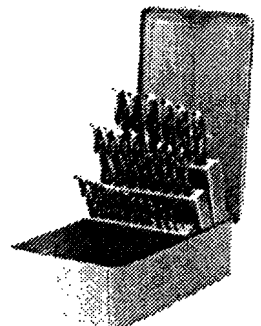
Container Only
 78802



29 Piece Coballoy SP II® Drill Set
 Sizes 1/16 to 1/2 by 64ths
 Complete with metal index

Part No
70093

Container Only
 78804



O.E.M. HARDWARE

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**Coballoy® SP II Mechanics
Length**

TWIST DRILLS



- **3 Flats** on Shank *
- Specifically designed for hand drilling
- **Positive** and **accurate** chuck grip
- Virtually **Eliminates** Drill/chuck **Slippage**, even in keyless chucks
- Reduced Flute and Shank results in **Stronger, more rigid** drill
- **Unequalled** for use in demanding **maintenance** or portable drilling functions

*3 flats on shank 3/16 & larger

DIA.	DECIMAL EQUIV.	OVERALL LENGTH	LENGTH OF TWIST	PART NO.	PART NO. REDUCED SHANK	
1/16	.0625	1-7/8	7/8	70904		BC/G
5/64	.0781	2	1	70905		BC/G
3/32	.0937	2-1/4	1-1/4	70906		BC/G
7/64	.1094	2-3/8	1-5/16	70907		BC/G
1/8	.1250	2-1/2	1-7/16	70908		BC/G
9/64	.1406	2-5/8	1-9/16	70909		BC/G
5/32	.1562	2-3/4	1-11/16	70910		BC/G
11/64	.1719	2-7/8	1-13/16	70911		BC/G
3/16	.1875	3	1-7/8	70912		BC/G
13/64	.2031	3-1/8	1-15/16	70913		BC/G
7/32	.2187	3-1/4	2	70914		BC/G
15/64	.2344	3-3/8	2-1/16	70915		BC/G
1/4	.2500	3-1/2	2	70916		BC/G
17/64	.2656	3-5/8	2-1/8	70917		BC/G
9/32	.2812	3-3/4	2-1/4	70918		BC/G
19/64	.2969	3-7/8	2-3/8	70919		BC/G
5/16	.3125	4	2-1/2	70920		BC/G
21/64	.3281	4-1/16	2-9/16	70921		BC/G
11/32	.3437	4-1/8	2-5/8	70922		BC/G
23/64	.3594	4-3/16	2-11/16	70923		BC/G
3/8	.3750	4-1/4	2-11/16	70924		G/D
25/64	.3906	4-5/16	2-3/4	70925**		G/D
13/32	.4062	4-3/8	2-13/16	70926**		G/D
27/64	.4219	4-7/16	2-7/8	70927	71327	G/D
7/16	.4375	4-1/2	2-15/16	70928	71328	G/D
29/64	.4531	4-5/8	3	70929	71329	G/D
15/32	.4687	4-3/4	3-1/8	70930	71330	G/D
31/64	.4844	4-7/8	3-1/4	70931	71331	G/D
1/2	.5000	5	3-3/8	70932	71332	G/D

** will fit 3/8 chuck without reducing the shank diameter

O.E.M. HARDWARE

Hard to Find Fasteners Our Specialty

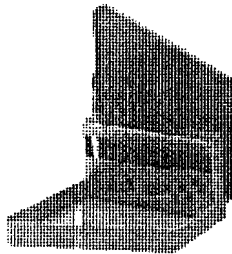
Coballoy® SP II **Mechanics
Length**

TWIST DRILLS SETS

PART NO.	SIZE	13 PIECE	15 PIECE	21 reg PIECE	21 PIECE
70904	1/16	★			
70905	5/64	★			
70906	3/32	★			
70907	7/64	★			
70908	1/8	★			
70909	9/64	★			
70910	5/32	★			
70911	11/64	★			
70912	3/16	★			
70913	13/64	★			
70914	7/32	★			
70915	15/64	★			
70916	1/4	★			
70917	17/64			★	
70918	9/32		★		
70919	19/64			★	
70920	5/16		★		
70921	21/64			★	
70922	11/32		★		
70923	23/64			★	
70924	3/8		★		
70925	25/64				
70926	13/32		★		
70927	27/64				
70928	7/16		★		
70929	29/64				
70930	15/32		★		
70931	31/64				
70932	1/2		★		
REDUCED SHANK					
71327	27/64				
71328	7/16				★
71329	29/64				
71330	15/32				★
71331	31/64				

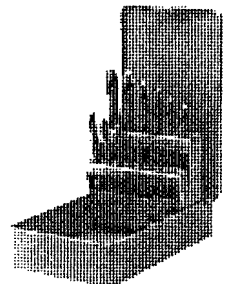
13 Piece Coballoy SP II® Mechanics
Length Drill Set
Sizes 1/16 to 1/4 by 64ths
Complete with metal index

**Part No
70032**



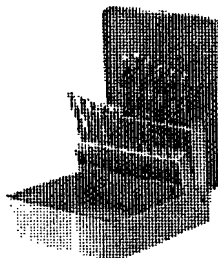
15 Piece Coballoy SP II®
Mechanics Length Drill Set
Sizes 1/16 to 1/2 by 32ths
Complete with metal index

**Part No
70036**



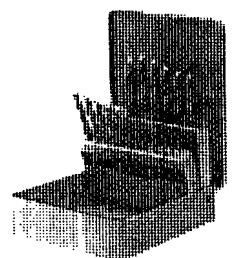
21 Piece Coballoy SP II® Drill Set
Sizes 1/16 to 3/8 by 64ths
Complete with metal index

**Part No
70034**



21 Piece Coballoy SP II® Drill Set
Sizes 1/16 to 1/4 by 64ths
Sizes 9/32 to 1/2 by 32nds
3/8 and larger with reduced shank
Complete with metal index

**Part No
70038**



O.E.M. HARDWARE

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Coballoy® SP II "STUBBY" TWIST DRILLS

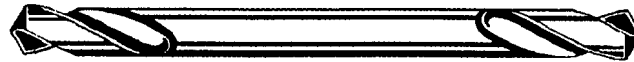
DIA.	DECIMAL EQUIV.	LENGTH OVERALL	LENGTH OF TWIST	PART NO.	
1/16	.0625	1-3/8	5/8	70204	BC/G
5/64	.0781	1-11/16	11/16	70205	BC/G
3/32	.0937	1-3/4	3/4	70206	BC/G
7/64	.1094	1-13/16	13/16	70207	BC/G
1/8	.1250	1-7/8	7/8	70208	BC/G
9/64	.1406	1-15/16	15/16	70209	BC/G
5/32	.1562	2-1/16	1	70210	BC/G
11/64	.1719	2-1/8	1-1/16	70211	BC/G
3/16	.1875	2-3/16	1-1/8	70212	BC/G
13/64	.2031	2-1/4	1-3/16	70213	BC/G
7/32	.2187	2-3/8	1-1/4	70214	BC/G
15/64	.2344	2-7/16	1-5/16	70215	BC/G
1/4	.2500	2-1/2	1-3/8	70216	BC/G
17/64	.2656	2-5/8	1-7/16	70217	BC/G
9/32	.2812	2-11/16	1-1/2	70218	BC/G
19/64	.2969	2-3/4	1-9/16	70219	BC/G
5/16	.3125	2-13/16	1-5/8	70220	BC/G
21/64	.3281	2-15/16	1-11/16	70221	BC/G
11/32	.3437	3	1-11/16	70222	BC/G
23/64	.3594	3-1/16	1-3/4	70223	BC/G
3/8	.3750	3-1/8	1-13/16	70224	G/D
25/64	.3906	3-1/4	1-7/8	70225	G/D
13/32	.4062	3-5/16	1-15/16	70226	G/D
27/64	.4219	3-3/8	2	70227	G/D
7/16	.4375	3-7/16	2-1/16	70228	G/D
29/64	.4531	3-9/16	2-1/8	70229	G/D
15/32	.4687	3-5/8	2-1/8	70230	G/D
31/64	.4844	3-1/16	2-3/16	70231	G/D
1/2	.5000	3-3/4	2-1/4	70232	G/D

O.E.M. HARDWARE

Hard to Find Fasteners Our Specialty

Coballoy[®] SP II DOUBLE END TWIST DRILLS

SPECIAL ALLOY STEEL RESISTS WEAR,
BENDING AND BREAKING



- Self Starting 135° Spit point eliminates centre punching
- Short Shank and flute reduces breakage caused by hitting inner panels
- Specially designed with a point on both ends
- Alloy Steel stays sharper longer - does not burn out
- Fits perfectly into chuck jaws without damage

DRILL SIZE	DECIMAL EQUIV.	OVERALL LENGTH	PART NO.	
7/64	.1090	1-7/8	70657	G
1/8	.1250	2	70658	G
9/64	.1410	2	70656	G
5/32	.1560	2-1/16	70660	G
3/16	.1880	2-3/16	70662	G
7/32	.2190	2-3/8	70663	G
1/4	.2500	2-1/2	70666	G
#11	.1910	2-1/4	70664	G
#20	.1610	2-1/8	70665	G
#30	.1285	2	70667	G

O.E.M. HARDWARE

Hard to Find Fasteners Our Specialty

Coballoy® SP II "LEFT HAND" TWIST DRILLS

SAVE TIME DRILLING OUT BROKEN SCREWS AND STUDS
can be used with *Coballoy®* screw extractors (see A-11)

DIA.	DECIMAL EQUIV.	LENGTH OVERALL	LENGTH OF TWIST	PART NO.	
1/16	.0625	1-7/8	7/8	70304L	BC/G
5/64	.0781	2	1	70305L	BC/G
3/32	.0937	2-1/4	1-1/4	70306L	BC/G
7/64	.1094	2-5/8	1-1/2	70307L	BC/G
1/8	.1250	2-3/4	1-5/8	70308L	BC/G
5/32	.1562	3-1/8	2	70310L	BC/G
3/16	.1875	3-1/2	2-5/16	70312L	BC/G
1/4	.2500	4	2-3/4	70316L	BC/G
19/64	.2969	4-3/8	3-1/16	70319L	BC/G
5/16	.3125	4-1/2	3-3/16	70320L	BC/G
3/8	.3750	5	3-5/8	70324L	G/D
7/16	.4375	5-1/2	4-1/16	70328L	G/D
1/2	.5000	6	4-1/2	70332L	G/D

ADDITIONAL SIZES AVAILABLE IN 118° POINT

Coballoy® SP II "LEFT HAND" INDEX

DIA.	PART NO 70802L	PART NO 70801L	PART NO 70803L	PART NO 70800L
1/16	☆	☆	☆	☆
5/64	☆	☆		☆
3/32	☆	☆		☆
7/64	☆	☆		☆
1/8	☆	☆	☆	☆
5/32	☆	☆		☆
3/16	☆	☆	☆	☆
1/4	☆	☆	☆	☆
19/64		☆		☆
5/16		☆	☆	☆
3/8		☆	☆	☆
7/16			☆	☆
1/2			☆	☆

**Please note left hand drills must be used with
drill motor set in reverse**

Coballoy® SCREW EXTRACTORS

A-11



Square Flute



Spiral Flute

FOR REMOVING BROKEN SCREWS, BOLTS, AND THREADED PARTS. THE EXTRACTOR IS INSERTED INTO A PREDRILLED HOLE AND THE BROKEN PART IS BACKED OUT WITH A WRENCH. ALSO FOR TURNING THREADED PIPE SECTIONS.

FOR REMOVING SCREWS DIA.	SCREW EXT. NUMBER	SPIRAL FLUTE PART NO	SQUARE FLUTE PART NO	LEFT HAND <i>Coballoy</i> SP II®	LEFT HAND <i>Coballoy</i> SP II® PART NO
3/32 to 5/32	1	9463		3/32	70306L
5/32 to 7/32	2	9464	74002	1/8	70308L
7/32 to 9/32	3	9465	74003	3/16	70312L
9/32 to 3/8	4	9466	74004	1/4	70316L
3/8 to 5/8 1/8 & 1/4 PIPE	5	9467	74005	5/16	70320L
5/8 to 7/8 3/8 PIPE	6	9468		13/32	70326L
7/8 to 1-1/8 1/2 PIPE	7	9469		17/32	70334L
1-1/8 to 1-3/8 3/4 PIPE	8	9470		13/16	730-025L
1-3/8 & UP 1" PIPE	9	9471		1 1/8	730-501L

SUPER-FIN ASSORTMENTS Coballoy® SCREW EXTRACTORS/LEFT HAND DRILL INDEXES							
	9472 Spiral Flute	9473 Spiral Flute	9474 Spiral Flute	70975 Spiral Flute	70986 Spiral Flute	780-595 Square Flute	780-591 Square Flute
1			⊗	⊗	⊗		
2	⊗		⊗	⊗	⊗	⊗	⊗
3	⊗		⊗	⊗	⊗	⊗	⊗
4	⊗		⊗	⊗	⊗	⊗	⊗
5	⊗		⊗		⊗	⊗	⊗
6		⊗	⊗				
7		⊗	⊗				
8		⊗	⊗				
9		⊗	⊗				
Matching drills				⊗	⊗		⊗
Sturdy Metal case	⊗	⊗	⊗	⊗	⊗	⊗	⊗

O.E.M. HARDWARE

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SUPER CUT DRILLS

Carbide Tipped - Straight Flute

PART NUMBER	DIAMETER (Inches)	OVERALL LENGTH (Inches)	SHANK DIAMETER (Inches)	
70608	1/8	2-3/4	1/8	D/B
70610	5/32	3	5/32	
70611	11/64	3	11/64	
70612	3/16	3	3/16	
70614	7/32	4	7/32	
70616	1/4	4	1/4	
70620	5/16	4	1/4	
70624	3/8	4	1/4	
70628	7/16	6	3/8	
70632	1/2	6	1/2	

Easier

Faster



Used for

- Springs
- Bolts
- Die sections
- Broken easy outs
- Extra tough metals
- Exotic Metals
- Brake Drums

Lasts Longer

Will drill up to 65 Rockwell C.

O.E.M. HARDWARE

Hard to Find Fasteners Our Specialty

Coballoy® SP II PILOT DRILLS FOR HOLE SAWS



- Fits most hole saws
- Eliminates Drill Walking
- Will drill toughers metals
- Faster

Outlasts Regular Drills
10 to 1

PART NUMBER	DIAMETER (Inches)	OVERALL LENGTH (Inches)	
71316	1/4	4	C/B

Coballoy® SPOTWELD DRILLS

HEAVY DUTY SPUR POINT

This rugged high performance drill is designed to effectively cut autobody panel spot welds. The high red hardness of cobalt steel permits speeds 30% greater than H.S.S. drills. Cobalt steel is substantially more abrasion resistant, resulting in very long wearing cutting edges. The spur point is designed to cut through the weld on one panel while leaving the second panel free from holes.



- Fast
- Safe
- Saves Time
- Saves Money

PART NUMBER	SIZE	
70520	5/16	B
70524	3/8	B

O.E.M. HARDWARE

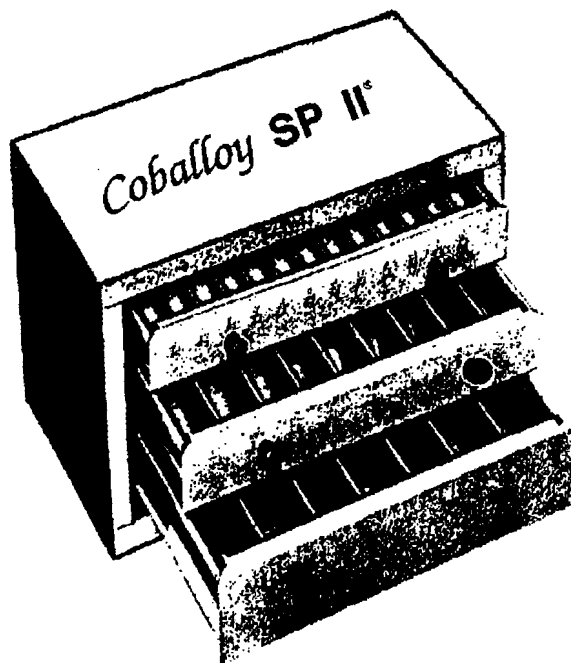
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Coballoy® SP II TWIST DRILLS ASSORTMENT

48 Piece Coballoy SP II® Drill Set
Complete with metal index

Part No
70100

Container Only
715-002



DRAWER INCLUDES:

PART NO	SIZE	QUANTITY
70304	1/16	3
70308	1/8	5
70312	3/16	4
70316	1/4	4
70321	21/64	1
70327	27/64	1
70305	5/64	2
70309	9/64	2
70313	13/64	2
70317	17/64	2
70322	11/32	1
70328	7/16	1

PART NO	SIZE	QUANTITY
70306	3/32	2
70310	5/32	2
70314	7/32	2
70318	9/32	2
70324	3/8	2
70332	1/2	1
70307	7/64	2
70311	11/64	2
70315	15/64	2
70320	5/16	2
70325	25/64	1

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Hard to Find Fasteners Our Specialty

Coballoy® SP II METRIC TWIST DRILLS



- LONGER TOOL LIFE
- FASTER DRILLING WITH LESS EFFORT
- MORE HOLE PER DRILL IN ALL TYPES OF METAL

DIA.(MM)	DECIMAL EQUIV.	FLUTE LENGTH MM	Inches	OVERALL LENGTH MM	Inches	PART NO.	
1.0	.0394	18	11/16	41	1-5/8	73410	G/D
1.5	.0591	22	7/8	48	1-7/8	73415	G/D
2.0	.0787	29	1-1/8	54	2-1/8	73420	G/D
2.5	.0984	35	1-3/8	60	2-3/8	73425	G/D
3.0	.1181	41	1-5/8	70	2-3/4	73430	G/D
3.5	.1378	45	1-3/4	73	2-7/8	73435	G/D
4.0	.1575	54	2-1/8	83	3-1/4	73440	G/D
4.5	.1772	56	2-3/16	86	3-3/8	73445	G/D
5.0	.1968	62	2-7/16	92	3-5/8	73450	G/D
5.5	.2165	64	2-1/2	95	3-3/4	73455	G/D
6.0	.2362	70	2-3/4	102	4	73460	G/D
6.5	.2559	73	2-7/8	105	4-1/8	73465	G/D
7.0	.2756	73	2-7/8	105	4-1/8	73470	G/D
7.5	.2953	78	3-3/16	111	4-3/8	73475	G/D
8.0	.3150	81	3-1/16	114	4-1/2	73480	D/B
8.5	.3346	87	3-7/16	121	4-3/4	73485	D/B
9.0	.3542	89	3-1/2	124	4-7/8	73490	D/B
9.5	.3740	92	3-5/8	127	5	73495	D/B
10.0	.3937	95	3-3/4	130	5-1/8	73500	D/B
10.5	.4134	98	3-15/16	137	5-3/8	73565	D/B
11.0	.4331	103	4-1/16	140	5-1/2	730-001	D/B
11.5	.4528	106	4-3/16	143	5-5/8	730-002	D/B
12.0	.4724	111	4-3/8	150	5-7/8	730-003	D/B
12.5	.4921	114	4-1/2	152	6	73568	D/B
13.0	.5118	114	4-1/2	152	6	730-004	D/B
13.5	.5315	122	4-13/16	168	6-5/8	730-006	D/B
14.0	.5512	122	4-13/16	168	6-5/8	730-007	D/B

O.E.M. HARDWARE

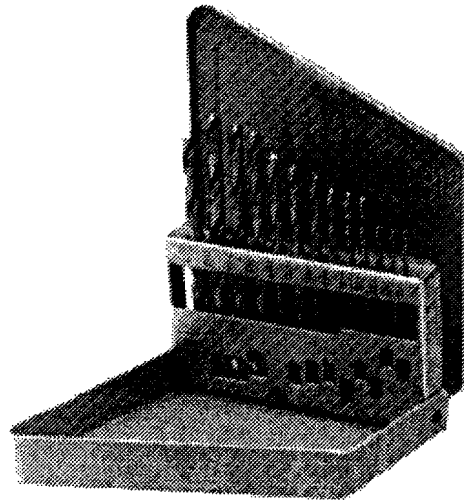
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Coballoy[®] SP II METRIC TWIST DRILLS

13 Piece Coballoy SP II[®] Drill Set
Sizes 1.0mm to 7.0mm
Complete with metal index

Part No
70110

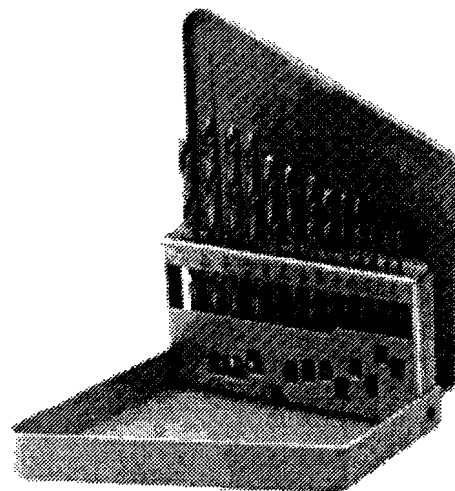
Container Only
78986



19 Piece Coballoy SP II[®] Drill Set
Sizes 1.0mm to 10.0mm
Complete with metal index

Part No
70115

Container Only
79138



O.E.M. HARDWARE

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Coballoy® SP II WIRE GAUGE SIZE TWIST DRILLS



WIRE GAUGE	DECIMAL EQUIV.	LENGTH OVERALL	LENGTH OF TWIST	PART NO.	
1	.2280	3-7/8	2-5/8	72301	G
2	.2210	3-7/8	2-5/8	72302	G
3	.2230	3-3/4	2-1/2	72303	G
4	.2090	3-3/4	2-1/2	72304	G
5	.2055	3-3/4	2-1/2	72305	G
6	.2040	3-3/4	2-1/2	72306	G
7	.2010	3-5/8	2-7/16	72307	G
8	.1990	3-5/8	2-7/16	72308	G
9	.1960	3-5/8	2-7/16	72309	G
10	.1935	3-5/8	2-7/16	72310	G
11	.1910	3-1/2	2-5/16	72311	G
12	.1890	3-1/2	2-5/16	72312	G
13	.1850	3-1/2	2-5/16	72313	G
14	.1820	3-3/8	2-3/16	72314	G
15	.1800	3-3/8	2-3/16	72315	G
16	.1770	3-3/8	2-3/16	72316	G
17	.1730	3-3/8	2-3/16	72317	G
18	.1695	3-1/4	2-1/8	72318	G
19	.1660	3-1/4	2-1/8	72319	G
20	.1610	3-1/4	2-1/8	72320	G
21	.1590	3-1/4	2-1/8	72321	G
22	.1570	3-1/8	2	72322	G
23	.1540	3-1/8	2	72323	G
24	.1520	3-1/8	2	72324	G
25	.1495	3	1-7/8	72325	G
26	.1470	3	1-7/8	72326	G
27	.1440	3	1-7/8	72327	G
28	.1405	2-7/8	1-3/4	72328	G
29	.1360	2-7/8	1-3/4	72329	G
30	.1285	2-7/8	1-3/4	72330	G
31	.1200	2-3/4	1-5/8	72331	G
32	.1160	2-3/4	1-5/8	72332	G
33	.1130	2-5/8	1-1/2	72333	G
34	.1110	2-5/8	1-1/2	72334	G
35	.1100	2-5/8	1-1/2	72335	G
36	.1065	2-1/2	1-7/16	72336	G
37	.1040	2-1/2	1-7/16	72337	G
38	.1015	2-1/2	1-7/16	72338	G
39	.0995	2-3/8	1-3/8	72339	G
40	.0980	2-3/8	1-3/8	72340	G

WIRE GAUGE	DECIMAL EQUIV.	LENGTH OVERALL	LENGTH OF TWIST	PART NO.	
41	.0960	2-3/8	1-3/8	72341	G
42	.0935	2-1/4	1-1/4	72342	G
43	.0890	2-1/4	1-1/4	72343	G
44	.0860	2-1/8	1-1/8	72344	G
45	.0820	2-1/8	1-1/8	72345	G
46	.0810	2-1/8	1-1/8	72346	G
47	.0785	2	1	72347	G
48	.0760	2	1	72348	G
49	.0730	2	1	72349	G
50	.0700	2	1	72350	G
51	.0670	2	1	72351	G
52	.0635	1-7/8	7/8	72352	G
53	.0595	1-7/8	7/8	72353	G
54	.0550	1-7/8	7/8	72354	G
55	.0520	1-7/8	7/8	72355	G
56	.0465	1-3/4	3/4	72356	G
57	.0430	1-3/4	3/4	72357	G
58	.0420	1-5/8	11/16	72358	G
59	.0410	1-5/8	11/16	72359	G
60	.0400	1-5/8	11/16	72360	G
61	.0390	1-5/8	11/16	72361	G
62	.0380	1-1/2	5/8	72362	G
63	.0370	1-1/2	5/8	72363	G
64	.0360	1-1/2	5/8	72364	G
65	.0350	1-1/2	5/8	72365	G
66	.0330	1-3/8	1/2	72366	G
67	.0320	1-3/8	1/2	72367	G
68	.0310	1-3/8	1/2	72368	G
69	.0292	1-3/8	1/2	72369	G
70	.0280	1-1/4	3/8	72370	G
71	.0260	1-1/4	3/8	72371	G
72	.0250	1-1/8	5/16	72372	G
73	.0240	1-1/8	5/16	72373	G
74	.0225	1	1/4	72374	G
75	.0210	1	1/4	72375	G
76	.0200	7/8	3/16	72376	G
77	.0180	7/8	3/16	72377	G
78	.0160	7/8	3/16	72378	G
79	.0145	3/4	3/16	72379	G
80	.0135	3/4	3/16	72380	G

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Coballoy® SP II LETTER SIZE TWIST DRILLS



LETTER	DECIMAL EQIV.	LENGTH OVERALL	LENGTH OF TWIST	PART NO.	
A	.234	3-7/8	2-5/8	73301	G
B	.238	4	2-3/4	73302	G
C	.242	4	2-3/4	73303	G
D	.246	4	2-3/4	73304	G
E	.250	4	2-3/4	73305	G
F	.257	4-1/8	2-7/8	73306	G
G	.261	4-1/8	2-7/8	73307	G
H	.266	4-1/8	2-7/8	73308	G
I	.272	4-1/8	2-7/8	73309	G
J	.277	4-1/8	2-7/8	73310	G
K	.281	4-1/4	2-15/16	73311	G
L	.290	4-1/4	2-15/16	73312	G
M	.295	4-3/8	3-1/16	73313	G
N	.302	4-3/8	3-1/16	73314	G
O	.316	4-1/2	3-3/16	73315	G
P	.323	4-5/8	3-5/16	73316	G
Q	.332	4-3/4	3-7/16	73317	G
R	.339	4-3/4	3-7/16	73318	G
S	.348	4-7/8	3-1/2	73319	G
T	.358	4-7/8	3-1/2	73320	G
U	.368	5	3-5/8	73321	G
V	.377	5	3-5/8	73322	G
W	.386	5-1/8	3-3/4	73323	G
X	.397	5-1/8	3-3/4	73324	G
Y	.404	5-1/4	3-7/8	73325	G
Z	.413	5-1/4	3-7/8	73326	G

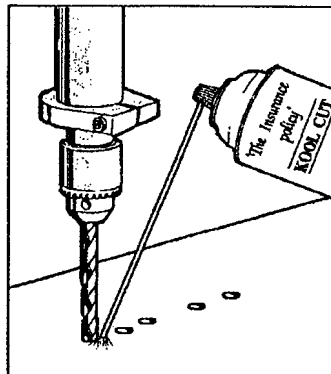
For longer Tool life use...

KOOL KUT®

Part No. 900-130

*"The Insurance
Policy"*

see section N4 for more details



O.E.M. HARDWARE

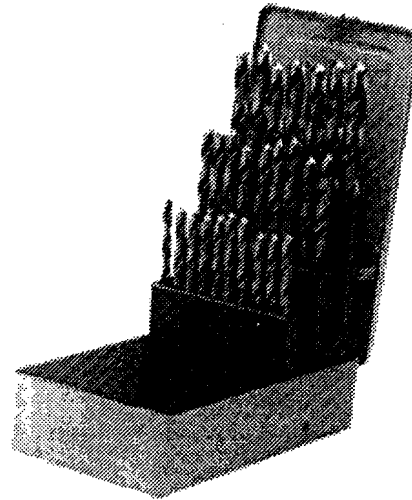
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Coballoy[®] SP II TWIST DRILL SETS

26 Piece Coballoy SP II[®] Drill Set
Sizes A TO Z
Complete with metal index

Part No
70098

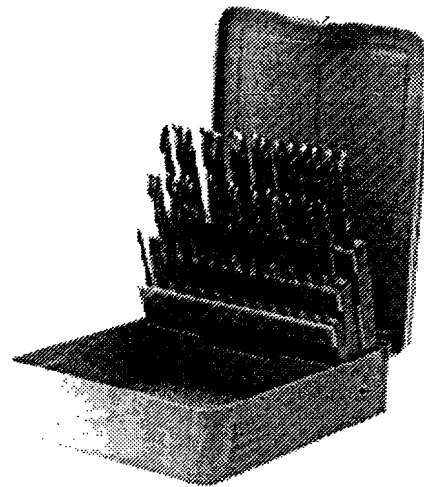
Container Only
78803



60 Piece Coballoy SP II[®] Drill Set
Sizes 1 TO 60
Complete with metal index

Part No
70092

Container Only
78805



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Coballoy® SP II EXTRA LENGTH TWIST DRILLS

6" OVERALL

SIZE	DECIMAL EQIV.	PART NO.	
1/8	.234	730-041	G/D
5/32	.238	730-042	G/D
3/16	.242	730-043	G/D
7/32	.246	730-044	G/D
1/4	.250	730-046	G/D
#1	.257	730-047	G/D
#10	.261	730-048	G/D
#11	.266	730-049	G/D
#20	.272	730-050	G/D
#21	.277	730-051	G/D
#29	.281	730-052	G/D
#30	.290	730-053	G/D

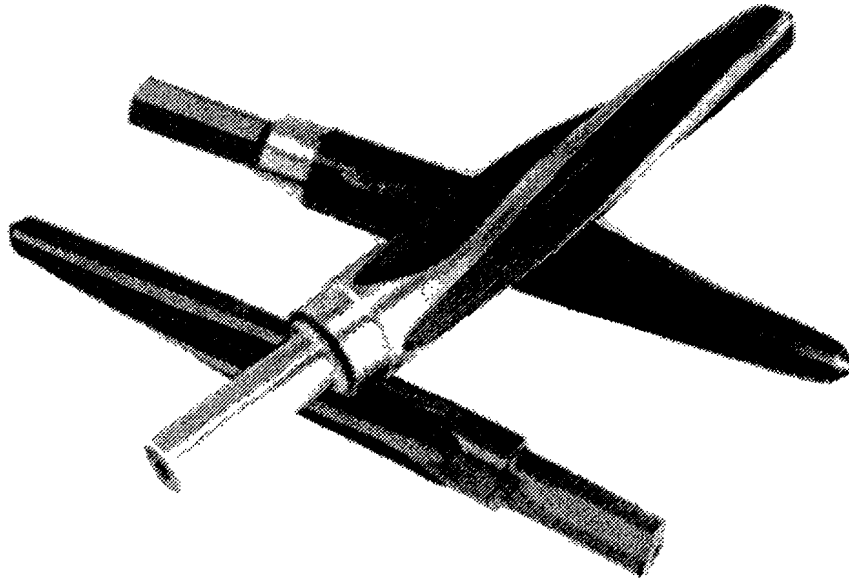
- Self Centering Point
- Faster drilling with less effort
- More hole per drill in all types of materials
- Outlast ordinary drills up to **10** to **1**



12" OVERALL

SIZE	DECIMAL EQIV.	PART NO.	
1/8	.1250	730-054	G/D
5/32	.1562	730-055	G/D
3/16	.1875	730-056	G/D
7/32	.2187	730-057	G/D
1/4	.2500	730-058	G/D
9/32	.2812	730-059	G/D
5/16	.3125	730-060	G/D
11/32	.3437	730-061	G/D
3/8	.3750	730-062	G/D
13/32	.4062	730-063	G/D
7/16	.4375	730-064	G/D
15/32	.4687	730-065	G/D
1/2	.5000	730-066	G/D
#1	.2280	730-067	G/D
#10	.1935	730-068	G/D
#11	.1910	730-069	G/D
#20	.1610	730-070	G/D
#21	.1590	730-071	G/D
#29	.1360	730-072	G/D
#30	.1285	730-073	G/D

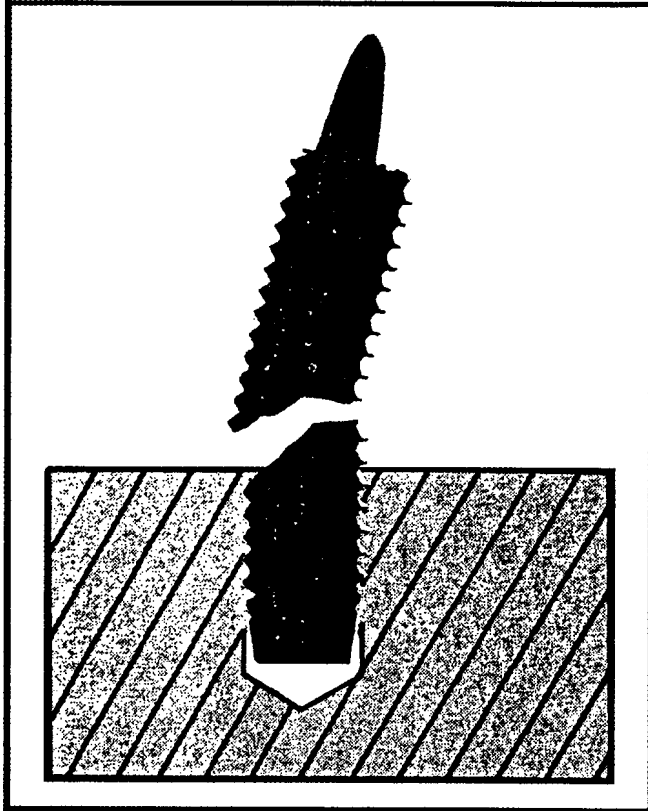
Coballoy[®] ROUND SHANK TAPER REAMERS SPECIALLY DESIGNED FOR YOUR MAINTENANCE NEEDS



- **SAFER THAN CONVENTIONAL METHODS**
CAN BE USED IN ANY 1/2" DRILL CHUCK
- **REDUCED CAN BE DRILLED IN LESS THAN ONE MINUTE**
- **ALIGN OFFSET HOLES**
- **ENLARGE EXISTING HOLES**
- **MAKES HOLES IN LESS THAN ONE MIN.**

Finished Hole	Coballoy SPII Pilot Hole	Coballoy SPII Part No.	Coballoy Reamer Size	Reamer Part No	Shank Size
3/8"	1/4"	70316	3/8"	79006 (B)	3/8"
7/16"	9/32"	70318	7/16"	79005 (B)	3/8"
1/2"	19/64	70319	1/2"	79010 (B)	1/2"
9/16"	15/64	70315	9/16"	79015 (B)	1/2"
5/8"	5/16"	70320	5/8"	79020 (B)	1/2"
3/4"	19/64"	70319	3/4"	79025 (B)	1/2"

ORDINARY TAPS ARE A COSTLY PROBLEM IN MAINTENANCE



They

- **BIND**
- **SEIZE**
- **BREAK**

and create
excessive cost in

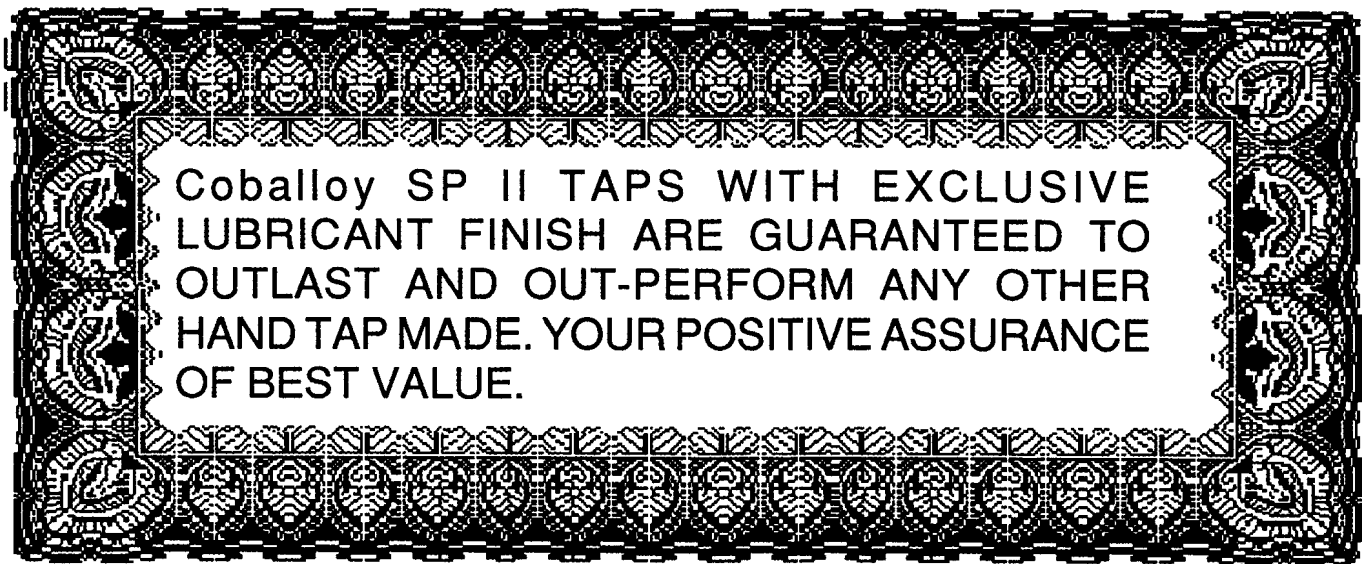
- **REPAIR**
- **LABOR**
- **DOWNTIME**

**Coballoy[®] SP II TAPS OVERCOME ALL
THESE PROBLEMS AND SAVE YOU
MONEY**

Coballoy SP II TAPS PERFORM WHERE OTHER FAIL



- **FASTER EASIER TAPPING**
- **LONGER THREAD LIFE**
- **FAR LESS BREAKAGE**
- **EXCLUSIVE LUBRICANT FINISH**
Alloyed into entire tap surface. Torque reduced 75% even in stainless. Almost permanent
- **THERMO-BALANCED TEMPERING**
Process eliminates thread distortion. You get longer life, easier drive, better results.
- **SPECIAL GRINDING PROCESS**
Sharper cutting edges vastly reduce binding, broken taps.
Coballoy® SP II Taps just don't get stuck in the work.



**Coballoy SP II TAPS ARE YOUR
ASSURANCE OF THE FINEST TAPPING
JOBS IN ALL MAINTENANCE
APPLICATIONS**

O.E.M. HARDWARE

Hard to Find Fasteners Our Specialty

Coballoy® SP II TAPS-STARTING

MACHINE SCREW SIZES

SIZE	DECIMAL EQUIV	PART NO		Coballoy SP II	DECIMAL EQUIV	PART NO	
0-80	.060	730-300	G/D	3/64	.0469	70303	G/D
1-64	.073	730-301	G/D	No. 53	.0595	72353	G/D
1-72	.073	730-302	G/D	No. 53	.0595	72353	G/D
2-56	.086	67483	G/D	No. 50	.0700	72350	G/D
2-64	.086	730-304	G/D	No. 49	.0730	72349	G/D
3-48	.099	730-305	G/D	No. 46	.0810	72346	G/D
3-56	.099	730-306	G/D	No. 45	.0820	72345	G/D
4-40	.112	67341	G/D	No. 43	.0890	72343	G/D
4-48	.112	730-307	G/D	No. 42	.0935	72342	G/D
5-40	.125	730-250	G/D	No. 38	.1015	72338	G/D
5-44	.125	730-308	G/D	No. 37	.1040	72337	G/D
6-32	.138	67346	G/D	No. 34	.1110	72334	G/D
6-40	.138	730-251	G/D	No. 32	.1160	72332	G/D
8-32	.164	67356	G/D	No. 29	.1360	72329	G/D
8-36	.164	730-252	G/D	No. 28	.1405	72328	G/D
10-24	.190	67361	G/D	No. 23	.1540	72323	G/D
10-32	.190	67366	G/D	No. 20	.1610	72320	G/D
12-24	.228	67486	G/D	No. 16	.1770	72316	G/D

NATIONAL COARSE

SIZE	DECIMAL EQUIV	PART NO		Coballoy SP II	DECIMAL EQUIV	PART NO	
1/4-20	.250	67671	G/D	No. 6	.2040	72306	G/D
5/16-18	.3125	67386	G/D	Letter 'G'	.2610	73307	G/D
3/8-16	.3750	67401	G/D	Letter 'O'	.3160	73315	G/D
7/16-14	.4375	67431	D/B	3/8	.3750	70324	D/B
1/2-13	.5000	67441	D/B	27/64	.4219	70327	D/B
9/16-12	.5625	67451	D/B	31/64	.4844	70331	D/B
5/8-11	.6250	67461	D/B	17/32	.5312	70334	D/B
3/4-10	.7500	67421	D/B	21/32	.6562	730-253	D/B
7/8-9	.8750	67571	D/B	25/32	.7812	730-040	D/B
1-8	1.000	67601	D/B	7/8	.8750	70456	D/B

NATIONAL FINE

SIZE	DECIMAL EQUIV	PART NO		Coballoy SP II	DECIMAL EQUIV	PART NO	
1/4-28	.250	67376	G/D	No. 3	.2130	72303	G/D
5/16-24	.3125	67391	G/D	Letter 'I'	.2720	73309	G/D
3/8-24	.3750	67416	G/D	Letter 'R'	.3390	73318	G/D
7/16-20	.4375	67436	D/B	25/64	.3906	70325	G/D
1/2-20	.5000	67446	D/B	29/64	.4531	70329	G/D
9/16-18	.5625	67456	D/B	1/2	.5000	70332	G/D
5/8-18	.6250	67466	D/B	9/16	.5620	70336	G/D
3/4-16	.7500	67481	D/B	11/16	.6875	730-254	G/D
7/8-14	.8750	67026	D/B	13/16	.8125	730-025	G/D
1-12	1.000	67596	D/B	15/16	.9375	730-035	G/D
1-14	1.000	60159	D/B	15/16	.9375	730-035	
1-1/8-12	1/125	69871	D/B	1"	1.000	70364	

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Hard to Find Fasteners Our Specialty

Coballoy® SP II TAPS-BOTTOMING

MACHINE SCREW SIZES							
SIZE	DECIMAL EQUIV	PART NO		Coballoy SP II	DECIMAL EQUIV	PART NO	
2-56	.086	519000	G	No. 50	.0700	72350	G
4-40	.112	519005	G	No. 43	.0890	72343	G
6-32	.138	519010	G	No. 34	.1110	72334	G
8-32	.164	519015	G	No. 29	.1360	72329	G
10-24	.190	519020	G	No. 23	.1540	72323	G
10-32	.190	519025	G	No. 20	.1610	72320	G

NATIONAL COARSE							
SIZE	DECIMAL EQUIV	PART NO		Coballoy SP II	DECIMAL EQUIV	PART NO	
1/4-20	.250	523000	G	No. 7	.2010	72307	G
5/16-18	.3125	523005	G	Letter 'F'	.2570	73306	G
3/8-16	.3750	523010	G	5/16	.3125	70320	G
7/16-14	.4375	523015	G	Letter 'U'	.3680	73321	G
1/2-13	.5000	523020	G	27/64	.4219	70327	G
9/16-12	.5625	523025	G	31/64	.4844	70331	G
5/8-11	.6250	523030	G	17/32	.5312	70334	G
3/4-10	.7500	523035	G	21/32	.6562	730-253	G
7/8-9	.8750	523040	G	25/32	.7812	730-040	G
1-8	1.000	523045	G	7/8	.8750	70456	G

NATIONAL FINE							
SIZE	DECIMAL EQUIV	PART NO		Coballoy SP II	DECIMAL EQUIV	PART NO	
1/4-28	.2500	523050	G	No. 3	.2130	72303	G/D
5/16-24	.3125	523055	G	Letter 'I'	.2720	73309	G/D
3/8-24	.3750	523060	G	Letter 'Q'	.3320	73317	G/D
7/16-20	.4375	523065	G	25/64	.3906	70325	G/D
1/2-20	.5000	523070	G	29/64	.4531	70329	G/D
9/16-18	.5625	523075	G	33/64	.5156	70333	G/D
5/8-18	.6250	523080	G	37/64	.5781	70337	G/D
3/4-16	.7500	523085	G	11/16	.6875	730-254	G/D
7/8-14	.8750	523090	G	13/16	.8125	730-025	G/D
1-12	1.000	523095	G	59/64	.9218		G/D
1-14	1.000	523100	G	15/16	.9375	730-035	

Coballoy® SP II TAP & DRILL SETS

7752

18 piece NC Tap & Drill set w/index

Coballoy SPII Sizes: #36, 29, 25, 21, 7, F, 5/16, U and 27/64
Coballoy Tap Sizes: 6-32, 8-32, 10-24, 10-32, 1/4-20, 5/16-18, 3/8-16, 7/16-14 and 1/2-13

7754

18 piece METRIC Tap & Drill set w/index

Coballoy SPII Sizes:(mm) 2.05, 2.50, 2.90, 3.30, 4.20, 5.00, 6.70, 8.50, and 10.20
Coballoy Tap Sizes: (mm) 2.5-.45, 3.0-.50, 3.5-.60, 4.0-.70, 5.0-.80, 6.0-1.00, 8.0-1.25,

7756

18 piece NF Tap & Drill set w/index

Coballoy SPII Sizes: #33, 29, 25, 21, 3, 1, Q, 25/64 and 29/64
Coballoy Tap Sizes: 6-40, 8-36, 10-24, 10-32, 1/4-28, 5/16-24, 3/8-24, 7/16-20 and 1/2-20

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Coballoy® SP II TAPS-METRIC STARTING

SIZE	DECIMAL EQUIV	PART NO		Coballoy SP II	DECIMAL EQUIV	PART NO	
M1.6 X 0.35	.063	740-103	G/D	1.25	.049	730-125	G
M2 X 0.4	.079	740-100	G/D	1.6	.063	730-116	G
M2.5 X 0.45	.098	740-150	G/D	2.05	.081	730-205	G
M3 X 0.5	.118	740-200	G/D	.5	.098	73425	G
M3.5 X 0.6	.138	740-250	G/D	2.9	.114	730-209	G
M4 X 0.7	.157	740-300	G/D	3.3	.130	730-303	G
M4.5 X 0.75	.177	740-350	G/D	3.8	.148	730-375	G
M5 X 0.8	.197	740-400	G/D	4.2	.165	730-420	G
M6 X 1.0	.236	740-450	G/D	5.0	.197	73450	G
M6.3 X 1.0	.248	740-500	G/D	5.3	.209	730-530	G
M7 X 1.0	.276	740-550	G/D	6.0	.236	73460	G
*M8 X 1.0	.315	740-555	G/D	Letter 'F'	.257	73306	G
M8 X 1.25	.315	740-600	G/D	6.8	.266	730-675	G
*M10 X 1.00	.394	740-620	G/D	23/64	.359	70323	G
*M10 X 1.25	.394	740-625	G/D	Letter 'S'	.348	73319	G
M10 X 1.5	.394	740-650	G/D	8.5	.335	73485	G
*M12 X 1.25	.472	740-660	G/D	27/64	.421	70327	G
*M12 X 1.50	.472	740-665	G/D	13/32	.406	70326	G
M12 X 1.75	.472	740-700	G/D	10.8	.423	730-107	G
*M14 X 1.5	.551	740-720	G/D	1/2	.500	70332	G
M14 X 2.0	.551	740-750	G/D	12.0	.472	730-120	G
M16 X 2.0	.630	740-800	G/D	14.0	.551	730-140	G
M20 X 2.0	.787	740-850	G/D	17.5	.689	730-173	G
M24 X 3.0	.945	740-900	G/D	21.0	.827	730-210	G
M30 X 3.5	1.181	740-950	G/D	26.5	1.053	730-265	G
M46 X 4.0	1.417	740-999	G/D	32.0	1.60	730-320	G

Coballoy® SP II TAPS-METRIC BOTTOMING

SIZE	DECIMAL EQUIV	PART NO		Coballoy SP II	DECIMAL EQUIV	PART NO	
M4 X 0.7	.157	740-325	G/D	3.3	.130	730-303	G
M4.5 X 0.75	.177	740-375	G/D	3.8	.148	730-375	G
M5 X 0.8	.197	740-425	G/D	4.2	.165	730-420	G
M6 X 1.0	.236	740-475	G/D	5.0	.197	73450	G
M6.3 X 1.0	.248	740-525	G/D	5.3	.209	730-530	G
M7 X 1.0	.276	740-553	G/D	6.0	.236	73460	G
*M8 X 1.0	.315	740-575	G/D	Letter 'F'	.257	73306	G
M8 X 1.25	.315	740-610	G/D	6.8	.266	730-675	G
*M10 X 1.00	.394	740-623	G/D	23/64	.359	70323	G
*M10 X 1.25	.394	740-635	G/D	Letter 'S'	.348	73319	G
M10 X 1.5	.394	740-655	G/D	8.5	.335	73485	G
*M12 X 1.25	.472	740-663	G/D	27/64	.421	70327	G
*M12 X 1.50	.472	740-668	G/D	13/32	.406	70326	G
M12 X 1.75	.472	740-710	G/D	10.8	.423	730-107	G
*M14 X 1.5	.551	740-735	G/D	1/2	.500	70332	G
M14 X 2.0	.551	740-775	G/D	12.0	.472	730-120	G
M16 X 2.0	.630	740-875	G/D	14.0	.551	730-140	G

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Hard to Find Fasteners Our Specialty

Combined Tap and Drill



Coballoy ONE SHOT™

**DESIGNED FOR
EFFICIENCY**



- SPECIAL HIGH SPEED M-7 TOOL STEEL
- HELICAL SPLIT POINT ELIMINATES THE NEED FOR A CENTER PUNCH OR CENTER DRILLING
- PRECISION GROUND THREAD DESIGN
- MULTI-SPINDLE OR HAND HELD OPERATIONS
- IDEAL FOR CNC APPLICATIONS

TAP SIZE	THREAD LENGTH	DRILL SIZE DECIMAL	FLUTE LENGTH	OVERALL LENGTH	PART NUMBERS	
4 - 40	9/16	.0890	1/4	1-7/8	67469	BC/G
4 - 48	9/16	.0930	1/4	1-7/8	67471	
5 - 40	5/8	.1015	9/32	1-15/16	67473	
5 - 44	5/8	.1040	9/32	1-15/16	67474	
6 - 32	11/16	.1095	5/16	2"	67467	
6 - 40	11/16	.1150	5/16	2"	67475	
8 - 32	3/4	.1360	3/8	2-1/8	67468	
8 - 36	3/4	.1385	3/8	2-1/8	67476	
10 - 24	7/8	.1520	13/32	2-3/8	67477	
10 - 32	7/8	.1610	13/32	2-3/8	67470	
12 - 24	7/8	.1770	15/32	2-3/8	67478	
12 - 28	7/8	.1835	15/32	2-3/8	67479	
1/4 - 20	15/16	.2010	17/32	2-1/2	67472	G/D
1/4 - 28	15/16	.2175	17/32	2-1/2	67480	
5/16 - 18	1-1/8	.2570	11/16	3"	67482	
5/16 - 24	1-1/8	.2720	11/16	3"	67484	
3/8 - 16	1-1/4	.3125	13/16	3-1/2	67485	
3/8 - 24	1-1/4	.3345	13/16	3-1/2	67488	
7/16 - 14	1-7/16	.3680	1"	3-7/8	67490	
7/16 - 20	1-7/16	.3890	1"	3-7/8	67491	
1/2 - 13	1-21/32	.4250	1-1/8	4-1/4	67492	
1/2 - 20	1-21/32	.4510	1-1/8	4-1/4	67493	

"The Coballoy ONE SHOT™ will save you time and money"

FRACTIONS--DECIMAL--MILLIMETERS

	DECIMAL	mm
$\frac{1}{64}$	.0156	0.396
$\frac{1}{32}$	.0312	0.793
$\frac{3}{64}$	.0468	1.190
$\frac{1}{16}$	.0625	1.587
$\frac{5}{64}$	.0781	1.984
$\frac{3}{32}$	.0937	2.381
$\frac{7}{64}$	.1093	2.778
$\frac{1}{8}$	.125	3.175
$\frac{9}{64}$	.1406	3.571
$\frac{5}{32}$	.1562	3.968
$\frac{11}{64}$	.1718	4.365
$\frac{3}{16}$	.1875	4.762
$\frac{13}{64}$	.2031	5.159
$\frac{7}{32}$	.2187	5.556
$\frac{15}{64}$	.2343	5.953
$\frac{1}{4}$	.250	6.350
$\frac{17}{64}$	.2656	6.746
$\frac{9}{32}$	.2812	7.143
$\frac{19}{64}$	.2968	7.540
$\frac{5}{16}$	.3125	7.937
$\frac{21}{64}$	.3281	8.334
$\frac{11}{32}$	.3437	8.731
$\frac{23}{64}$	.3593	9.128
$\frac{3}{8}$	.375	9.525
$\frac{25}{64}$	.3906	9.921
$\frac{13}{32}$	.4062	10.318
$\frac{27}{64}$	.4218	10.715
$\frac{7}{16}$	.4375	11.112
$\frac{29}{64}$	.4531	11.509
$\frac{15}{32}$	.4687	11.906
$\frac{31}{64}$	.4843	12.303
$\frac{1}{2}$	.500	12.700

	DECIMAL	mm
$\frac{33}{64}$	.5156	13.096
$\frac{17}{32}$	.5312	13.493
$\frac{35}{64}$	.5468	13.890
$\frac{9}{16}$	.5625	14.287
$\frac{37}{64}$	.5781	14.684
$\frac{19}{32}$	.5937	15.081
$\frac{39}{64}$	.6093	15.478
$\frac{5}{8}$	.625	15.875
$\frac{41}{64}$	.6406	16.271
$\frac{21}{32}$	.6562	16.668
$\frac{43}{64}$	.6718	17.065
$\frac{11}{16}$	.6875	17.462
$\frac{45}{64}$	.7031	17.859
$\frac{23}{32}$	.7187	18.256
$\frac{47}{64}$	.7343	18.653
$\frac{3}{4}$	.750	19.050
$\frac{49}{64}$	.7656	19.446
$\frac{25}{32}$	.7812	19.843
$\frac{51}{64}$	.7968	20.240
$\frac{13}{16}$	.8125	20.637
$\frac{53}{64}$	.8281	21.034
$\frac{27}{32}$	.8437	21.431
$\frac{55}{64}$	.8593	21.828
$\frac{7}{8}$	.875	22.225
$\frac{57}{64}$	.8906	22.621
$\frac{29}{32}$	.9062	23.018
$\frac{59}{64}$	.9218	23.415
$\frac{15}{16}$	.9375	23.812
$\frac{61}{64}$	.9531	24.209
$\frac{31}{32}$	.9687	24.606
$\frac{63}{64}$	.9843	25.003
1	1.000	25.400



O.E.M. HARDWARE

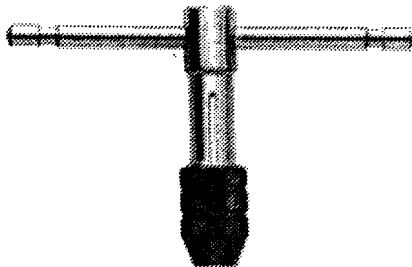
Hard to Find Fasteners Our Specialty

Coballoy® TAPS-PIPE

SIZE	DECIMAL EQUIV	PART NO		Coballoy SP II	DECIMAL EQUIV	PART NO	
1/16-27	.0625	533470	B	Letter "D"	.2460	73304	B
1/8-27	.1250	533471	B	Letter 'R'	.3390	73318	B
1/4-18	.2500	533472	B	7/16	.4375	70328	B
3/8-18	.3750	533473	B	37/64	.5781	70337	B
1/2-14	.5000	533474	B	23/32	.7187	730-309	B
3/4-14	.7500	533475	B	59/64	.9218	730-310	B
1-11-1/2	1.000	533476	B	1-5/32	1.1562	730-311	B

TAP WRENCHES

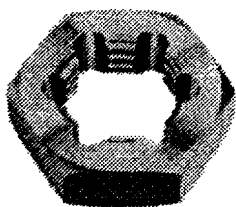
"T" HANDLE		STRAIGHT HANDLE	
CAPACITY	PART NO	CAPACITY	PART NO
#8 TO 1/4"	70275 (B)	#0 TO 3/16"	70290 (B)
#10 TO 3/8"	70280 (B)	#10 TO 1/2"	70295 (B)
#12 TO 1/2"	70285 (B)	3/8" TO 1"	70300 (B)



O.E.M. HARDWARE

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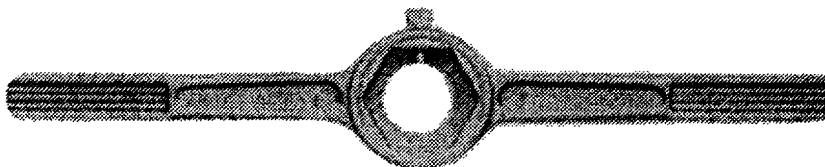
Coballoy[®] DIES



- Designed to restore damaged threads for quick repairs and less frequent replacement of damaged threaded parts.
- Smooth, precise threads are accurately formed for longer tool life. Dies all have same O.D. eliminating the need for more than one size wrench (4-40 to 1/4-20)
- An Ideal maintenance item, available in individual sizes or handy assortments.

SIZE NC	PART NO	SIZE NF	PART NO
4-36 NC	79100	4-40 NF	79165
6-32 NC	79105	6-40 NF	730-280
8-32 NC	79110	8-36 NF	730-283
10-24 NC	79115	10-32 NF	79170
1/4-20 NC	79120	1/4-28 NF	79175
5/16-18	79125	5/16-24 NF	79180
3/8-16	79130	3/8-24 NF	79185
7/16-14	79135	7/16-20 NF	79190
1/2-13	79140	1/2-20 NF	79195
9/16-12	79145	9/16-18 NF	79200
5/8-11	79150	5/8-18 NF	79205
3/4-10	79155	3/4-16 NF	79210
1/8-27 NPT	79160	1/4-28 NF	79215
1/4-18 NPT	79161		
3/8-18 NPT	79162		
1/2-14 NPT	79163		

SIZE	PART NO	SIZE	PART NO
M3 X 0.5			
M3.5 X 0.6			
M4 X 0.7			
M5 X 0.8			
M6 X 1.0			
M8 X 1.25			
M10 X 1.5			
M12 X 1.75			
M14 X 2.0		M14 X 1.5	740-000



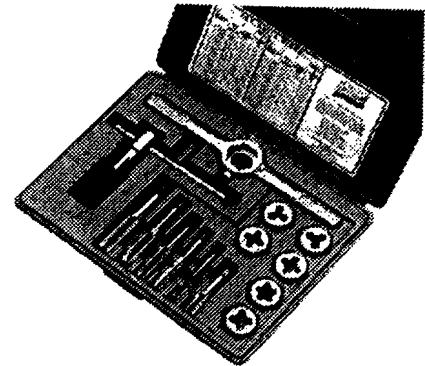
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Coballoy® TAP AND DIE ASSORTMENTS

N.C. TAP & DIE ASSORTMENT 7747 (B)

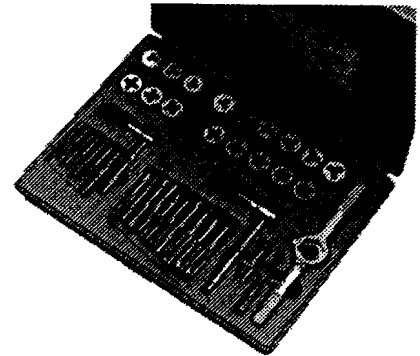
Consists of one each of the following	
1/4-20 H.D. HEX DIE	1/4-20      TAP
5/16-18 H.D. HEX DIE	5/16-18      TAP
3/8-16 H.D. HEX DIE	3/8-16      TAP
7/16-14 H.D. HEX DIE	7/16-14      TAP
1/2-13 H.D. HEX DIE	1/2-13      TAP
1/8-27 H.D. HEX DIE	1/8-27 NPT      TAP
T HANDLE TAP WRENCH #12 TO 1/2"	



- Ideal repair kit for any maintenance shop
- Durable molded plastic case
- Individual compartments to protect parts

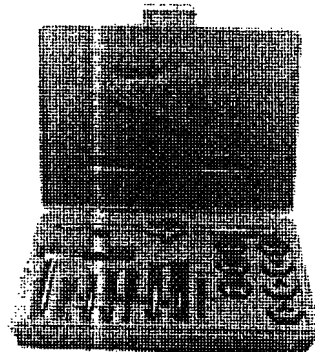
N.C. & N.F. TAP & DIE ASSORTMENT 7748 (B)

Consists of one each of the following	
4-36, 4-40 H.D. HEX DIE	4-36, 4-40      TAP
6-32 H.D. HEX DIE	6-32      TAP
8-32 H.D. HEX DIE	8-32      TAP
10-24, 10-32 H.D. HEX DIE	10-24, 10-32      TAP
1/4-20, 1/4-28 H.D. HEX DIE	1/4-20, 1/4-28      TAP
5/16-18, 5/16-24 H.D. HEX DIE	5/16-18, 5/16-24      TAP
3/8-16, 3/8-24 H.D. HEX DIE	3/8-16, 3/8-24      TAP



METRIC TAP & DIE ASSORTMENT 7751 (B)

Consists of one each of the following	
4MM X 0.70 HEX DIE	4MM X 0.70      TAP
5MM X 0.80 HEX DIE	5MM X 0.80      TAP
6MM X 1.00 HEX DIE	5MM X 0.80      TAP
8MM X 1.25 HEX DIE	8MM X 1.25      TAP
10MM X 1.25 HEX DIE	10MM X 1.25      TAP



YOU KNOW THE PROBLEMS YOU HAVE WITH YOUR REGULAR HACKSAW BLADES

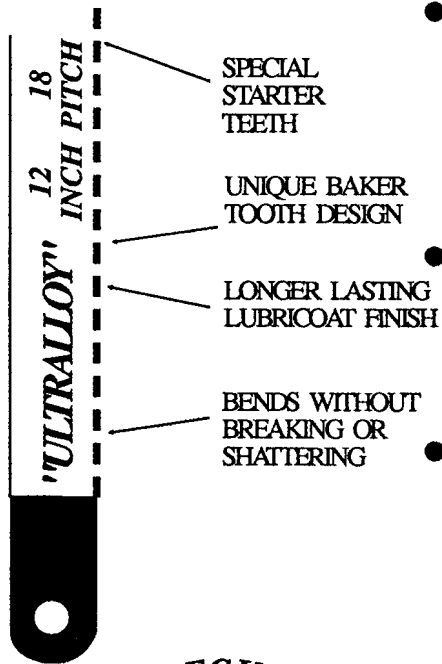
- ☐ THEY WALK AND WANDER
WHEN STARTING
- ☐ BLADES BIND AND CATCH
- ☐ TEETH AND BLADES BREAK
CAUSING DANGEROUS
SHRAPNEL
- ☐ ALL T.P.I. LOOK THE SAME

LET **O.E.M.** SHOW YOU HOW WE'VE
SOLVED THESE PROBLEMS...

ULTRALLOY®

SPECIAL ALLOY HACKSAW BLADES WITH EXCLUSIVE NEW LUBRICOAT FINISH

MAKES ALL HAND HACKSAW JOBS EASIER, FASTER, BETTER



- **EASIER STARTING, CUTS 25% FASTER**

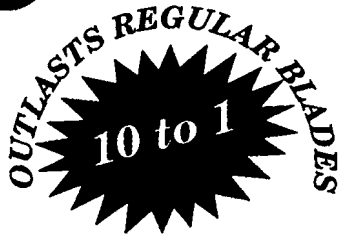
Ultra precisely controlled tooth design assures fast starts and maximum metal removal with each strike

- **SPECIAL LUBRICOAT FINISH**

Virtually eliminates dragging and binding. Makes every job easier and faster

- **ULTRALLOY SPECIAL ALLOY**

Tough yet flexible. Ultralloy blade last far longer than ordinary blades. Cannot shatter. No dangerous shrapnel.



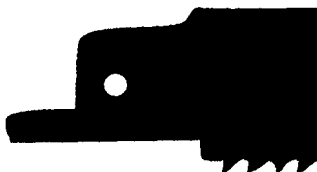
COLOUR	TEETH/INCH	TO CUT MATERIAL	PART NO	
Yellow	18 TEETH/INCH	1/4 TO 1" THICK	69901	CF/BA
Blue	24 TEETH/INCH	1/8 TO 1/4 THICK	69930	CF/BA
Red	32 TEETH/INCH	UP TO 1/8" THICK	69956	CF/BA

O.E.M. HARDWARE

Hard to Find Fasteners Our Specialty

Ultralloy® RECIPRICATING SAW BLADES

UNIVERSAL 1/2" SHANK



LENGTH	WIDTH	THKNS.	T.P.I.	PART NO		RECOMMENDED USES
6"	3/4"	.035	10	69960	BA	For metal decking and roofing, and nonferrous metals
				69961	F	
3"	3/4"	.035	14	69962	BA	For metals heavier than 1/8", bar stocks, angles, etc. Also rubber, Masonite, fibreglass, etc
				69963	F	
4"	3/4"	.035	14	69964	BA	
				69965	F	
6"	3/4"	.035	14	69966	BA	
				69967	F	
8"	3/4"	.035	14	69968	BA	
				69969	F	
6"	3/4"	.035	14/10	69971	BA	Graduated teeth for fast cuts in heavy guage metals, compositions, masonite, wood, etc.
				69972	F	
8"	3/4"	.035	14/10	69973	BA	
				69974	F	
4"	3/4"	.035	18	69975	BA	For heavy guage sheet metal, conduit, pipe, tubing, thin fibreglass, etc.
				69976	F	
6"	3/4"	.035	18	69977	BA	
				69978	F	
8"	3/4"	.035	18	69970	BA	
				69979	F	
4"	3/4"	.035	18/14	69981	BA	Graduated teeth for fast cuts in metals heavier than 3/32", bar stock, angles, pipe. Also fibreglass, fibre, "Transite"
				69982	F	
6"	3/4"	.035	18/14	69983	BA	
				69984	F	
4"	3/4"	.035	24	69985	BA	For metals lighter than 18-ga., thin wall tubing, formed sheet, trim, etc.
				69986	F	
6"	3/4"	.035	24	69987	BA	
				69988	F	
4"	3/4"	.035	32	69989	BA	For very thin guage sheet, tubing, trim etc.
				69990	F	

O.E.M. HARDWARE

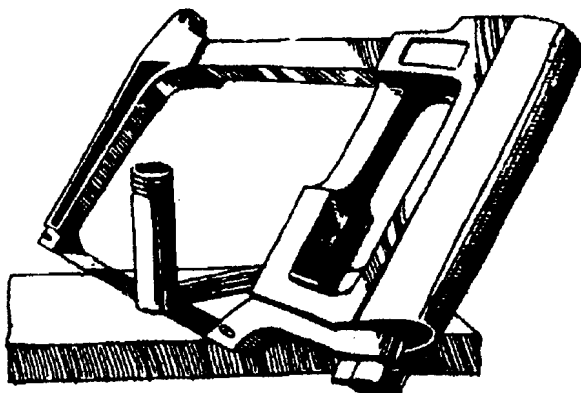
Hard to Find Fasteners Our Specialty

Ultralloy[®] HACK SAW FRAMES

The craftsman's choice...

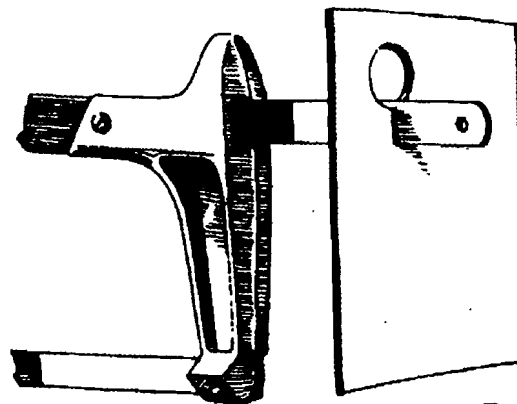
Model #69873 hacksaw frame features handle and end pieces made of die cast aluminum. It is lightweight yet extremely rigid and highly tensioned (up to 25,000 pounds per square inch) which provides cleaner, surer cuts. Blade pins are permanent and cannot be lost or misplaced. The blade can be set at a 55° angle for special flush cutting jobs (see figure A). Blade may also be inserted in front end of tube and be used as a versatile compass saw (see figure B). Frame fits most standard tool boxes. Blade storage in handle.

- **Lightweight**
- **Versatile**
- **Die Cast Aluminum**
- **Adjusts to 55°**
- **Permanent Pins**



A

Part No 69873 (B)



B

* Lifetime Warranty

O.E.M. HARDWARE

Hard to Find Fasteners Our Specialty

Coballoy® THREAD RESTORING FILES

DESCRIPTION	PART NO	
NO. 1 FOR PITCHES 11,12,13,14,16,18,20,24	740-005	B
NO. 2 FOR PITCHES 9,10,12,16,20,27,28,32	740-010	B
NO 8 FOR PITCHES .75,1.00,1.25,1.50,1.75,2.00,3.00	740-015	B
NO 4 FOR PITCHES PIPE THREAD 8,11-1/2, 14, 18	740-020	B
NO 5 FOR PITCHES WIDE EXT PIPE 8, 10, 11-1/2, 18	740-025	B
NO. 9 UNIVERSAL RENEWS ALL 60° THREAD	740-030	B
METRIC 8 IN 1 THREAD RESTORE FILE	740-035	B

**RESTORES BATTERED
RUSTED OR CORRODED
EXTERNAL THREADS**

FAST EASY AND SAFELY...



...RIGHT OR LEFT HAND