

TAPS & DIES - RETHREADERS - EXTRACTORS

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TAPS & DIES

TAP AND DIE SETS



TD117COMBOS-US
117 PIECE TAP AND DIE /
DRILL / EXTRACTOR SET

- Complete screw machine / fractional and metric threading set with spiral screw extractors and matching high speed steel drill bits
- Thirty-six HSS drill bits and five spiral screw extractors



TD41SAES-US
41 PIECE SAE TAP
AND HEX DIE SET

TD41METS-US (NOT SHOWN)
41 PIECE METRIC TAP
AND HEX DIE SET

- Housed in self-hinged unbreakable plastic case with removable tray



TD25SAES-US
25 PIECE SAE TAP
AND HEX DIE SET

- Designed for the mechanic who owns the TD41SAES-US or a Super Set (TD76COMBOS-US) and wants larger thread sizes
- Packaged in a blow-moulded case

TD25METS-US (NOT SHOWN)
25 PIECE METRIC TAP AND HEX DIE SET

- Designed for the mechanic who owns the TD41METS-US or a Super Set (TD76COMBOS-US) and wants larger thread sizes
- Packaged in a blow-moulded case

TAPS & DIES

TAP AND DIE SETS

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PRODUCT #	DESCRIPTION	SIZE	DRIVE SIZE	LH/RH	OVERALL LENGTH IN. / MM	SET
TD117COMBOS-US	117 Piece Tap and Die / Drill / Extractor Set					
TD41SAES-US	41 Piece SAE Tap and Hex Die Set					
TD41METS-US	41 Piece Metric Tap and Hex Die Set					
TD25SAES-US	25 Piece SAE Tap and Hex Die Set					
TD25METS-US	25 Piece Metric Tap and Hex Die Set					
1112TP	Plug Style Machine Screw Taps	4-40 NC	3/32"	-	1-15/16" / 48.9	• •
1118TP	Plug Style Machine Screw Taps	6-32 NC	1/8"	-	2-1/32" / 51.6	• •
1124TP	Plug Style Machine Screw Taps	8-32 NC	1/8"	-	2-3/16" / 55.2	• •
1128TP	Plug Style Machine Screw Taps	10-24 NC	5/32"	-	2-7/16" / 61.5	• •
1131TP	Plug Style Machine Screw Taps	10-32 NF	5/32"	-	2-7/16" / 61.5	• •
1132TP	Plug Style Machine Screw Taps	12-24 NC	3/16"	-	2-15/32" / 62.5	• •
1420TP	Plug Style Fractional Taps	1/4-20 NC	3/16"	-	2-5/8" / 66.5	• •
1423TP	Plug Style Fractional Taps	1/4-28 NF	3/16"	-	2-5/8" / 66.5	• •
1427TP	Plug Style Fractional Taps	5/16-18 NC	1/4"	-	2-23/32" / 69	• •
1429TP	Plug Style Fractional Taps	5/16-24 NF	1/4"	-	2-23/32" / 69	• •
1434TP	Plug Style Fractional Taps	3/8-16 NC	9/32"	-	2-15/16" / 74.5	• •
1436TP	Plug Style Fractional Taps	3/8-24 NF	9/32"	-	2-15/16" / 74.5	• •
1439TP	Plug Style Fractional Taps	7/16-14 NC	1/4"	-	3-5/32" / 80	• •
1440TP	Plug Style Fractional Taps	7/16-20 NF	1/4"	-	3-5/32" / 80	• •
1444TP	Plug Style Fractional Taps	1/2-13 NC	9/32"	-	3-11/32" / 85	• •
1445TP	Plug Style Fractional Taps	1/2-20 NF	9/32"	-	3-11/32" / 85	• •
1448TP	Plug Style Fractional Taps	9/16-12 NC	5/16"	-	3-19/32" / 91	• •
1449TP	Plug Style Fractional Taps	9/16-18 NF	5/16"	-	3-19/32" / 91	• •
1452TP	Plug Style Fractional Taps	5/8-11 NC	11/32"	-	3-25/32" / 96.5	• •
1454TP	Plug Style Fractional Taps	5/8-18 NF	11/32"	-	3-25/32" / 96.5	• •
1458TP	Plug Style Fractional Taps	3/4-10 NC	7/16"	-	4-1/4" / 108	• •
1460TP	Plug Style Fractional Taps	3/4-16 NF	7/16"	-	4-1/4" / 108	• •
1461TP	Plug Style Fractional Taps	7/8-9 NC	17/32"	-	4-21/32" / 118.5	• •
1463TP	Plug Style Fractional Taps	7/8-14 NF	17/32"	-	4-21/32" / 118.5	• •
1465TP	Plug Style Fractional Taps	1-8 NC	19/32"	-	5-1/8" / 130	• •
1467TP	Plug Style Fractional Taps	1-14 NS	19/32"	-	5-1/8" / 130	• •
1712TP	Plug Style Metric Taps	3-0.50	3/32"	-	2" / 50.5	• •
1717TP	Plug Style Metric Taps	4-0.70	1/8"	-	2-3/16" / 55	• •
1718TP	Plug Style Metric Taps	4-0.75	1/8"	-	2-3/16" / 55	• •
1722TP	Plug Style Metric Taps	5-0.80	1/8"	-	2-7/16" / 61.5	• •
1723TP	Plug Style Metric Taps	5-0.90	5/32"	-	2-7/16" / 61.5	• •
1727TP	Plug Style Metric Taps	6-1.00	3/16"	-	2-5/8" / 66.5	• •
1731TP	Plug Style Metric Taps	7-1.00	7/32"	-	2-23/32" / 69.3	• •
1733TP	Plug Style Metric Taps	8-1.00	1/4"	-	2-23/32" / 69.1	• •
1734TP	Plug Style Metric Taps	8-1.25	1/4"	-	2-23/32" / 68.9	• •
1736TP	Plug Style Metric Taps	9-1.00	7/32"	-	2-15/16" / 74.4	• •
1737TP	Plug Style Metric Taps	9-1.25	7/32"	-	2-15/16" / 74.4	• •
1739TP	Plug Style Metric Taps	10-1.25	7/32"	-	2-15/16" / 74.4	• •
1740TP	Plug Style Metric Taps	10-1.50	7/32"	-	2-15/16" / 74.4	• •
1741TP	Plug Style Metric Taps	11-1.50	1/4"	-	3-5/32" / 80	• •
1742T	Plug Style Metric Taps	12-1.25	9/32"	-	3-3/8" / 86	• •
1743TP	Plug Style Metric Taps	12-1.50	9/32"	-	3-3/8" / 86	• •
1744TP	Plug Style Metric Taps	12-1.75	9/32"	-	3-3/8" / 86	• •
2449TP	Plug Style Metric Taps	14-1.25	5/16"	-	3-9/16" / 91.1	• •
1750TP	Plug Style Metric Taps	14-1.50	5/16"	-	3-9/16" / 91.3	• •
1752TP	Plug Style Metric Taps	14-2.00	5/16"	-	3-9/16" / 90.8	• •
1755TP	Plug Style Metric Taps	16-1.50	11/32"	-	3-13/16" / 96.8	• •
1756TP	Plug Style Metric Taps	16-2.00	11/32"	-	3-13/16" / 96.7	• •
1759TP	Plug Style Metric Taps	18-1.50	13/32"	-	4" / 102.3	• •
1761TP	Plug Style Metric Taps	18-2.50	13/32"	-	4" / 101.8	• •
1764TP	Plug Style Metric Taps	20-2.50	15/32"	-	4-15/32" / 113.7	• •
1765TP	Plug Style Metric Taps	22-1.50	17/32"	-	4-11/16" / 118.7	• •
1768TP	Plug Style Metric Taps	24-2.00	9/16"	-	4-7/8" / 124	• •
1769TP	Plug Style Metric Taps	24-3.00	9/16"	-	4-9/32" / 124.8	• •
1902TPT	Pipe Taps (NPT)	1/8-28 BSP	5/16"	-	2-1/8" / 53.7	• •
1902TP	Pipe Taps (NPT)	1/8-27 NPT	5/16"	-	2-1/8" / 54.3	• •
1903TP	Pipe Taps (NPT)	1/4-18 NPT	13/32"	-	2-7/16" / 62.2	• •

PRODUCT #	DESCRIPTION	SIZE	DRIVE SIZE	LH/RH	OVERALL LENGTH IN. / MM	SET
TD117COMBOS-US	117 Piece Tap and Die / Drill / Extractor Set					
TD41SAES-US	41 Piece SAE Tap and Hex Die Set					
TD41METS-US	41 Piece Metric Tap and Hex Die Set					
TD25SAES-US	25 Piece SAE Tap and Hex Die Set					
TD25METS-US	25 Piece Metric Tap and Hex Die Set					
6112DIE	Machine Screw Hexagonal Dies	4-40	5/8"	-	-	• •
6118DIE	Machine Screw Hexagonal Dies	6-32	5/8"	-	-	• •
6124DIE	Machine Screw Hexagonal Dies	8-32	5/8"	-	-	• •
6128DIE	Machine Screw Hexagonal Dies	10-24	5/8"	-	-	• •
6131DIE	Machine Screw Hexagonal Dies	10-32	5/8"	-	-	• •
6132DIE	Machine Screw Hexagonal Dies	12-24	5/8"	-	-	• •
6312DIE	Metric Hexagonal Dies	3-0.50	5/8"	-	-	• •
6317DIE	Metric Hexagonal Dies	4-0.70	5/8"	-	-	• •
6318DIE	Metric Hexagonal Dies	4-0.75	5/8"	-	-	• •
6322DIE	Metric Hexagonal Dies	5-0.80	5/8"	-	-	• •
6323DIE	Metric Hexagonal Dies	5-0.90	5/8"	-	-	• •
6327DIE	Metric Hexagonal Dies	6-1.00	5/8"	-	-	• •
6631DIE	Metric Hexagonal Dies	7-1.00	1"	-	-	• •
6633DIE	Metric Hexagonal Dies	8-1.00	1"	-	-	• •
6634DIE	Metric Hexagonal Dies	8-1.25	1"	-	-	• •
6636DIE	Metric Hexagonal Dies	9-1.00	1"	-	-	• •
6637DIE	Metric Hexagonal Dies	9-1.25	1"	-	-	• •
6639DIE	Metric Hexagonal Dies	10-1.25	1"	-	-	• •
6640DIE	Metric Hexagonal Dies	10-1.50	1"	-	-	• •
6641DIE	Metric Hexagonal Dies	11-1.50	1"	-	-	• •
6643DIE	Metric Hexagonal Dies	12-1.50	1"	-	-	• •
6644DIE	Metric Hexagonal Dies	12-1.75	1"	-	-	• •
6949DIE	Metric Hexagonal Dies	14-1.25	1-7/16"	-	-	• •
6950DIE	Metric Hexagonal Dies	14-1.50	1-7/16"	-	-	• •
6952DIE	Metric Hexagonal Dies	14-2.00	1-7/16"	-	-	• •
6955DIE	Metric Hexagonal Dies	16-1.50	1-7/16"	-	-	• •
6956DIE	Metric Hexagonal Dies	16-2.00	1-7/16"	-	-	• •
6959DIE	Metric Hexagonal Dies	18-1.50	1-7/16"	-	-	• •
6961DIE	Metric Hexagonal Dies	18-2.50	1-7/16"	-	-	• •
8564DIE	Metric Hexagonal Dies	20-2.50	1-13/16"	-	-	• •
8565DIE	Metric Hexagonal Dies	22-1.50	1-13/16"	-	-	• •
8568DIE	Metric Hexagonal Dies	24-2.00	1-13/16"	-	-	• •
8569DIE	Metric Hexagonal Dies	24-3.00	1-13/16"	-	-	• •
6520DIE	Fractional Hexagonal Dies	1/4-20 NC	1"	-	-	• •
6523DIE	Fractional Hexagonal Dies	1/4-28 NF	1"	-	-	• •
6527DIE	Fractional Hexagonal Dies	5/16-18 NC	1"	-	-	• •
6529DIE	Fractional Hexagonal Dies	5/16-24 NF	1"	-	-	• •
6534DIE	Fractional Hexagonal Dies	3/8-16 NC	1"	-	-	• •
6536DIE	Fractional Hexagonal Dies	3/8-24 NF	1"	-	-	• •
6539DIE	Fractional Hexagonal Dies	7/16-14 NC	1"	-	-	• •
6540DIE	Fractional Hexagonal Dies	7/16-20 NF	1"	-	-	• •
6544DIE	Fractional Hexagonal Dies	1/2-13 NC	1"	-	-	• •
6545DIE	Fractional Hexagonal Dies	1/2-20 NF	1"	-	-	• •
6848DIE	Fractional Hexagonal Dies	9/16-12 NC	1-7/16"	-	-	• •
6849DIE	Fractional Hexagonal Dies	9/16-18 NF	1-7/16"	-	-	• •
6852DIE	Fractional Hexagonal Dies	5/8-11 NC	1-7/16"	-	-	• •
6854DIE	Fractional Hexagonal Dies	5/8-18 NF	1-7/16"	-	-	• •
6858DIE	Fractional Hexagonal Dies	3/4-10 NC	1-7/16"	-	-	• •
6860DIE	Fractional Hexagonal Dies	3/4-16 NF	1-7/16"	-	-	• •
7003DIE	Fractional Hexagonal Dies	1/4-18 NPT	1-7/16"	-	-	• •
8461DIE	Fractional Hexagonal Dies	7/8-9 NC	1-13/16"	-	-	• •
8463DIE	Fractional Hexagonal Dies	7/8-14 NF	1-13/16"	-	-	• •
8465DIE	Fractional Hexagonal Dies	1-8 NC	1-13/16"	-	-	• •
8467DIE	Fractional Hexagonal Dies	1-14 NF	1-13/16"	-	-	• •
6702HDIE	Fractional Hexagonal Dies	1/8-28 BSP	1"	-	-	• •
6702DIE	Fractional Hexagonal Dies	1/8-27 NPT	1"	-	-	• •
HSDBF-564	High Speed Steel Drill Bits	5/64	5/64"	RH	2-1/32" / 51.6	•
HSDBF-764	High Speed Steel Drill Bits	7/64	7/64"	RH	2-5/8" / 66.8	•

PRODUCT #	DESCRIPTION	SIZE	DRIVE SIZE	LH/RH	OVERALL LENGTH IN. / MM	SET
TD117COMBOS-US	117 Piece Tap and Die / Drill / Extractor Set					
TD41SAES-US	41 Piece SAE Tap and Hex Die Set					
TD41METS-US	41 Piece Metric Tap and Hex Die Set					
TD25SAES-US	25 Piece SAE Tap and Hex Die Set					
TD25METS-US	25 Piece Metric Tap and Hex Die Set					
DBF-532	High Speed Steel Drill Bits	5/32	5/32"	RH	3-1/32" / 77.4	•
DBF-14	High Speed Steel Drill Bits	1/4	1/4"	RH	4-1/16" / 103.5	•
DBF-1964	High Speed Steel Drill Bits	19/64	19/64"	RH	4-7/16" / 112.6	•
DBF-516	High Speed Steel Drill Bits	5/16	5/16"	RH	4-17/32" / 115.1	•
DBF-2164	High Speed Steel Drill Bits	21/64	21/64"	RH	4-21/32" / 118.4	•
DBF-38	High Speed Steel Drill Bits	3/8	3/8"	RH	5-3/32" / 129.6	•
DBF-2564	High Speed Steel Drill Bits	25/64	25/64"	RH	5-3/16" / 131.6	•
DBF-1332	High Speed Steel Drill Bits	13/32	13/32"	RH	5-5/16" / 135	•
DBF-2764	High Speed Steel Drill Bits	27/64	27/64"	RH	5-15/32" / 138.8	•
DBF-2964	High Speed Steel Drill Bits	29/64	29/64"	RH	5-19/32" / 142.3	•
TBL-B	High Speed Steel Drill Bits	B	.238"	RH	4-3/32" / 103.7	•
TBL-F	High Speed Steel Drill Bits	F	.257"	RH	4-3/16" / 106.2	•
TBL-H	High Speed Steel Drill Bits	H	.266"	RH	4-5/32" / 105.9	•
TBL-I	High Speed Steel Drill Bits	I	.272"	RH	4-7/32" / 106.7	•
TBL-J	High Speed Steel Drill Bits	J	.277"	RH	4-7/32" / 107.3	•
TBL-O	High Speed Steel Drill Bits	O	.316"	RH	4-9/16" / 115.9	•
TBL-Q	High Speed Steel Drill Bits	Q	.332"	RH	4-27/32" / 123.3	•
TBL-R	High Speed Steel Drill Bits	R	.339"	RH	4-7/8" / 124.1	•
TBL-S	High Speed Steel Drill Bits	S	.348"	RH	4-31/32" / 126.0	•
TBL-U	High Speed Steel Drill Bits	U	.368"	RH	5-3/32" / 129.7	•
TBL-Z	High Speed Steel Drill Bits	Z	.413"	RH	5-11/32" / 135.8	•
TBN-3	High Speed Steel Drill Bits	3	.213"	RH	3-25/32" / 96.4	•
TBN-7	High Speed Steel Drill Bits	7	.201"	RH	3-11/16" / 93.3	•
TBN-9	High Speed Steel Drill Bits	9	.196"	RH	3-11/16" / 93.6	•
TBN-16	High Speed Steel Drill Bits	16	.177"	RH	3-11/32" / 85.3	•
TBN-19	High Speed Steel Drill Bits	19	.166"	RH	3-9/32" / 83.5	•
TBN-20	High Speed Steel Drill Bits	20	.161"	RH	3-9/32" / 83.4	•
TBN-21	High Speed Steel Drill Bits	21	.159"	RH	3-1/8" / 79.3	•
TBN-25	High Speed Steel Drill Bits	25	.149"	RH	3-9/32" / 83.3	•
TBN-29	High Speed Steel Drill Bits	29	.136"	RH	2-29/32" / 74.1	•
TBN-30	High Speed Steel Drill Bits	30	.128"	RH	2-13/16" / 71.3	•
TBN-36	High Speed Steel Drill Bits	36	.106"	RH	2-15/32" / 63	•
TBN-39	High Speed Steel Drill Bits	39	.099"	RH	2-13/32" / 60.8	•
TBN-43	High Speed Steel Drill Bits	43	.089"	RH	2-9/32" / 58	•
SPEX1	Spiral Flute Extractors	#1	3/32"	-	1-15/16" / 49.1	•
SPEX2	Spiral Flute Extractors	#2	5/32"	-	2-5/16" / 58.7	•
SPEX3	Spiral Flute Extractors	#3	3/16"	-	2-21/32" / 67.1	•
SPEX4	Spiral Flute Extractors	#4	9/32"	-	2-31/32" / 75.8	•
SPEX5	Spiral Flute Extractors	#5	11/32"	-	3-11/32" / 84.6	•
3116TPG	Thread Gauges	-	-	-	-	• •
1201PGA	Thread Gauges	-	-	-	-	• •
3157DSA	Die Stock Wrenches	5/8"	-	-	4-29/32" / 124.8	• • •
3126DSA	Die Stock Wrenches	1"	-	-	9-15/16" / 252.8	• • •
3136DSA	Die Stock Wrenches	1-7/16"	-	-	14-9/32" / 362.3	• •
3146DSA	Die Stock Wrenches	1-13/16"	-	-	21-13/32" / 543.4	• •
74903SDA	Die Stock Wrenches	-	-	-	3-7/32" / 81.7	• • •
3173TWA	Tap Wrenches	#0-#1/4	3/8"	-	3-9/16" / 90.3	• • •
3150TWA	Tap Wrenches	#1/4-#1/2	-	-	-	• • •
3188TWA	Tap Wrenches	#0-#1/2	-	-	2-3/8" / 60.3	• • •
3198TSA	Tap Wrenches	#1/4-#1	-	-	18" / 457.2	• •
TD117COMBOS-CAS	-	-	-	-	-	•
TD76COMBOS-CASE	-	-	-	-	-	
TD41SAES-CASE	-	-	-	-	-	•
TD41METS-CASE	-	-	-	-	-	•
TD25SAES-US-CASE	-	-	-	-	-	•
TD25METS-US-CASE	-	-	-	-	-	•

TAPS & DIES

STOCKS, SOCKETS AND WRENCHES

TAP SOCKET SETS

- Ideal for use in areas where a T-handle won't fit
- Fits all number and fractional M.C.T.I. standard taps through 1/2"
- Fits 1/8 NPT taps and metric taps through 12mm



TSS70500

L70940

74903SDW ADJUSTABLE DIE WRENCH SCREWDRIVER



ADJUSTABLE TAP ADAPTERS

- Allows you to use your 3/8" ratchet or extension to drive any square drive tool including taps, reamers, and extractors
- These two adapters accommodate taps from #0 to 1/2" using the collet tightened jaws
- Stored in a convenient PVC case



PRODUCT #	SIZE
3095001A	Small
3095001B	Large



T-HANDLE TAP WRENCHES

- Sliding handle with spring tension stop
- Positive grip knurled nut with 5/8" hex nut

PRODUCT #	SIZE
3101TW	#0 to 1/4"
3102TW	1/4" to 1/2"

DIE STOCKS

- Maintains positive alignment for accurate threading
- Nickel-plated finish



PRODUCT #	OVERALL LENGTH	OVERALL LENGTH (MM)	SIZE
3157DSW	4-29/32"	124.6	5/8"
3126DSW	9-15/16"	252.4	1"
3136DSW	14-9/32"	362.7	1-7/16"
3146DSW	21-13/32"	543.7	1-13/16"



3150ATW SPECIAL 2-IN-1 TAP WRENCH WITH T-HANDLE AND 3/8" SQUARE DRIVE

- 7/8" Hex-style for holding taps 1/4" to 1/2", and extra recess with small hole for holding 1/4" and 5/16" taps
- Sliding T-handle with spring tension tap
- Removable T-handle to insert ratchet
- Wrench end has 3/8" square drive

3171ATW T-HANDLE TAP WRENCH

- 5/8" Hex-style for holding taps #0 to 1/4"
- Sliding T-handle with spring tension tap
- Removable T-handle to insert ratchet

ADJUSTABLE HANDLE TAP WRENCHES

- Quickly adjusted by turning knurled threaded handle
- Jaws are made of hardened steel for long wear

PRODUCT #	SIZE
3188ATW	#0 to 1/2"
3198TPH	1/4" to 1"

RETHREADERS

RETHREADERS AND SETS

08



TRCOMBO-48 RETHREADING SET

- Repairs or renews damaged threads - fractional and metric
- Taps and dies are highly tempered for strength and durability; hex-shaped for use with a socket or wrench
- Colour coded for quick visual identification - metric is gold; national fine, black; national coarse, silver
- US thread pitch 11 to 24
- Metric thread pitch 0.75mm to 3.0mm



TRMSET

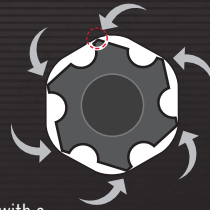
DIE PRODUCT #	TAP PRODUCT #	DESCRIPTION	SIZE	TYPE	SET
TRCOMBO-48	48 Piece Rethreading Set				
TRMSET	15 Piece Metric Rethreader Tap, Die, and File Set				
TR2579A	8 Piece Spindle Rethread Set				
TR8CD	TR8CT	Rethreading Die and Tap	1/4" x 20	National Coarse	•
TR10CD	TR10CT	Rethreading Die and Tap	5/16" x 18	National Coarse	•
TR12CD	TR12CT	Rethreading Die and Tap	3/8" x 16	National Coarse	•
TR14CD	TR14CT	Rethreading Die and Tap	7/16" x 14	National Coarse	•
TR16CD	TR16CT	Rethreading Die and Tap	1/2" x 13	National Coarse	•
TR18CD	TR18CT	Rethreading Die and Tap	9/16" x 12	National Coarse	•
TR20CD	—	Rethreading Die	5/8" x 11	National Coarse	•
TR8FD	TR8FT	Rethreading Die and Tap	1/4" x 28	National Fine	•
TR10FD	TR10FT	Rethreading Die and Tap	5/16" x 24	National Fine	•
TR12FD	TR12FT	Rethreading Die and Tap	3/8" x 24	National Fine	•
TR14FD	TR14FT	Rethreading Die and Tap	7/16" x 20	National Fine	•
TR16FD	TR16FT	Rethreading Die and Tap	1/2" x 20	National Fine	•
TR18FD	TR18FT	Rethreading Die and Tap	9/16" x 18	National Fine	•
TR20FD	—	Rethreading Die	5/8" x 18	National Fine	•
TRM6D	TRM6T	Rethreading Die and Tap	6mm x 1mm	Metric	• •
TRM8D	TRM8T	Rethreading Die and Tap	8mm x 1.25mm	Metric	• •
TRM10-1D	TRM10-1T	Rethreading Die and Tap	10mm x 1mm	Metric	• •
TRM10-25D	TRM10-25T	Rethreading Die and Tap	10mm x 1.25mm	Metric	• •
TRM10D	TRM10T	Rethreading Die and Tap	10mm x 1.5mm	Metric	• •
TRM11D	TRM11T	Rethreading Die and Tap	11mm x 1.5mm	Metric	• •
TRM12-25D	TRM12-25T	Rethreading Die and Tap	12mm x 1.25mm	Metric	• •
TRM12-50D	TRM12-50T	Rethreading Die and Tap	12mm x 1.5mm	Metric	• •
TRM12D	TRM12T	Rethreading Die and Tap	12mm x 1.75mm	Metric	• •
TRM14D	TRM14T	Rethreading Die and Tap	14mm x 1.5mm	Metric	• •
LNG54-2677	—	Spindle	13/16" x 20	SAE	•
LNG54-2676	—	Spindle	3/4" x 20	SAE	•
54-2673-0005	—	Spindle	20mm x 1.25mm	Metric	•
54-2678-0005	—	Spindle	20mm x 1.5mm	Metric	•
54-2674-0005	—	Spindle	22mm x 1mm	Metric	•
54-2679-0005	—	Spindle	22mm x 1.5mm	Metric	•
LNG54-2675-0005	—	Spindle	24mm x 1.5mm	Metric	•
54-2680-0005	—	Spindle	24mm x 2.0mm	Metric	•
TR1	—	Thread Restoring File Kit	11, 12, 13, 14, 16, 18, 20, and 24 TPI	Files	•
TR2	—	Thread Restoring File Kit	9, 10, 12, 16, 20, 27, 28, and 32 TPI	Files	•
TRM8	—	Thread Restoring File Kit	.075, 1, 1.25, 1.5, 1.75, 2, 2.5, and 3mm	Files	• •

RBRT

ROUNDED BOLT REMOVAL TECH

RBRT SETS FEATURE:

- Rounded Bolt Removal Technology (R.B.R.T.™) designed to prevent the rounding of fasteners
- High-grade impact-rated steel designed to be hammered on for superior grip
- Can be used to remove rounded or destroyed bolts, nuts, screws, studs and even pipes
- Bi-directional extraction design allows for removal and re-insertion of damaged or destroyed fasteners
- Sockets can be driven with a ratchet, wrench, impact, or pliers depending on the accessibility
- Foreign Object Removal (FOR) pusher rod for easy removal of extracted material



SMMPEX9RBRT
9 PIECE 1/4" DRIVE METRIC IMPACT
R.B.R.T.™ EXTRACTOR SOCKET SET WITH F.O.R.

PRODUCT #	DESCRIPTION	LENGTH
SMMPEX9RBRT	9 Piece 1/4" Drive Metric Impact RBRT Extractor Socket Set with F.O.R.	
MMPEX4RBRT	4mm RBRT FOR Extractor Socket 1/4" Drive	35mm
MMPEX5RBRT	5mm RBRT FOR Extractor Socket 1/4" Drive	35mm
MMPEX6RBRT	6mm RBRT FOR Extractor Socket 1/4" Drive	35mm
MMPEX7RBRT	7mm RBRT FOR Extractor Socket 1/4" Drive	35mm
MMPEX8RBRT	8mm RBRT FOR Extractor Socket 1/4" Drive	35mm
MMPEX9RBRT	9mm RBRT FOR Extractor Socket 1/4" Drive	35mm
MMPEX10RBRT	10mm RBRT FOR Extractor Socket 1/4" Drive	35mm
MMPEX11RBRT	11mm RBRT FOR Extractor Socket 1/4" Drive	35mm
MMPEX12RBRT	12mm RBRT FOR Extractor Socket 1/4" Drive	35mm
MEPUSHRBRTFOR	M3.5 1/4" Drive Socket Pusher	55mm
	M6 1/4" Drive Socket Pusher	55mm



SMDPEX9RBRT
9 PIECE 1/4" DRIVE METRIC DEEP IMPACT
R.B.R.T.™ EXTRACTOR SOCKET SET WITH F.O.R.

PRODUCT #	DESCRIPTION	LENGTH
SMDPEX9RBRT	9 Piece 1/4" Drive Metric Impact RBRT Extractor Socket Set with F.O.R. (Deep)	
MMDPEX4RBRT	4mm RBRT FOR Deep Extractor Socket 1/4" Drive	60mm
MMDPEX5RBRT	5mm RBRT FOR Deep Extractor Socket 1/4" Drive	60mm
MMDPEX6RBRT	6mm RBRT FOR Deep Extractor Socket 1/4" Drive	60mm
MMDPEX7RBRT	7mm RBRT FOR Deep Extractor Socket 1/4" Drive	60mm
MMDPEX8RBRT	8mm RBRT FOR Deep Extractor Socket 1/4" Drive	60mm
MMDPEX9RBRT	9mm RBRT FOR Deep Extractor Socket 1/4" Drive	60mm
MMDPEX10RBRT	10mm RBRT FOR Deep Extractor Socket 1/4" Drive	60mm
MMDPEX11RBRT	11mm RBRT FOR Deep Extractor Socket 1/4" Drive	60mm
MMDPEX12RBRT	12mm RBRT FOR Deep Extractor Socket 1/4" Drive	60mm
MEDPUSHRBRTFOR	M3.5 1/4" Drive Deep Socket Pusher	85mm
	M6 1/4" Drive Deep Socket Pusher	85mm



SXMPLEX8RBRT
8 PIECE 3/8" DRIVE METRIC IMPACT
R.B.R.T.™ EXTRACTOR SOCKET SET WITH F.O.R.

PRODUCT #	DESCRIPTION	LENGTH
SXMPLEX8RBRT	8 Piece 3/8" Drive Metric Impact R.B.R.T.™ Extractor Socket Set with F.O.R.	
XPMEX11RBRT	11mm RBRT FOR Extractor Socket 3/8" Drive	35mm
XPMEX12RBRT	12mm RBRT FOR Extractor Socket 3/8" Drive	35mm
XPMEX13RBRT	13mm RBRT FOR Extractor Socket 3/8" Drive	35mm
XPMEX14RBRT	14mm RBRT FOR Extractor Socket 3/8" Drive	35mm
XPMEX15RBRT	15mm RBRT FOR Extractor Socket 3/8" Drive	35mm
XPMEX16RBRT	16mm RBRT FOR Extractor Socket 3/8" Drive	35mm
XPMEX17RBRT	17mm RBRT FOR Extractor Socket 3/8" Drive	35mm
XPMEX18RBRT	18mm RBRT FOR Extractor Socket 3/8" Drive	35mm
XEPUSHRBRTFOR	M9 3/8" Drive Socket Pusher	55mm



SXMDPEX8RBRT
8 PIECE 3/8" DRIVE METRIC DEEP IMPACT
R.B.R.T.™ EXTRACTOR SOCKET SET WITH F.O.R.

PRODUCT #	DESCRIPTION	LENGTH
SXMDPEX8RBRT	8 Piece 3/8" Drive Metric Impact R.B.R.T.™ Extractor Socket Set with F.O.R.	
XPDMEX11RBRT	11mm R.B.R.T.™ FOR Deep Extractor Socket 3/8" Drive	70mm
XPDMEX12RBRT	12mm RBRT FOR Deep Extractor Socket 3/8" Drive	70mm
XPDMEX13RBRT	13mm RBRT FOR Deep Extractor Socket 3/8" Drive	70mm
XPDMEX14RBRT	14mm RBRT FOR Deep Extractor Socket 3/8" Drive	70mm
XPDMEX15RBRT	15mm RBRT FOR Deep Extractor Socket 3/8" Drive	70mm
XPDMEX16RBRT	16mm RBRT FOR Deep Extractor Socket 3/8" Drive	70mm
XPDMEX17RBRT	17mm RBRT FOR Deep Extractor Socket 3/8" Drive	70mm
XPDMEX18RBRT	18mm RBRT FOR Deep Extractor Socket 3/8" Drive	70mm
XEDPUSHRBRTFOR	M9 3/8" Drive Deep Socket Pusher	85mm



SVMPEX7RBRT
7 PIECE 1/2" DRIVE METRIC IMPACT
R.B.R.T.™ EXTRACTOR SOCKET SET WITH F.O.R.

PRODUCT #	DESCRIPTION	LENGTH
SVMPEX7RBRT	7 Piece 1/2" Drive Metric Impact R.B.R.T.™ Extractor Socket Set with F.O.R.	
VPMEX19RBRT	19mm RBRT FOR Extractor Socket 1/2" Drive	50mm
VPMEX20RBRT	20mm RBRT FOR Extractor Socket 1/2" Drive	50mm
VPMEX21RBRT	21mm RBRT FOR Extractor Socket 1/2" Drive	50mm
VPMEX22RBRT	22mm RBRT FOR Extractor Socket 1/2" Drive	50mm
VPMEX23RBRT	23mm RBRT FOR Extractor Socket 1/2" Drive	50mm
VPMEX24RBRT	24mm RBRT FOR Extractor Socket 1/2" Drive	50mm
VPMEX25RBRT	25mm RBRT FOR Extractor Socket 1/2" Drive	50mm
VEPUSHRBRTFOR	M12 1/2" Drive Socket Pusher	75mm



SVMDPEX7RBRT
7 PIECE 1/2" DRIVE METRIC DEEP IMPACT
R.B.R.T.™ EXTRACTOR SOCKET SET WITH F.O.R.

PRODUCT #	DESCRIPTION	LENGTH
SVMDPEX7RBRT	7 Piece 1/2" Drive SAE Deep Impact R.B.R.T.™ Extractor Socket Set with F.O.R.	
VPDMEX19RBRT	19mm RBRT FOR Deep Extractor Socket 1/2" Drive	80mm
VPDMEX20RBRT	20mm RBRT FOR Deep Extractor Socket 1/2" Drive	80mm
VPDMEX21RBRT	21mm RBRT FOR Deep Extractor Socket 1/2" Drive	80mm
VPDMEX22RBRT	22mm RBRT FOR Deep Extractor Socket 1/2" Drive	80mm
VPDMEX23RBRT	23mm RBRT FOR Deep Extractor Socket 1/2" Drive	80mm
VPDMEX24RBRT	24mm RBRT FOR Deep Extractor Socket 1/2" Drive	80mm
VPDMEX25RBRT	25mm RBRT FOR Deep Extractor Socket 1/2" Drive	80mm
VEDPUSHRBRTFOR	M12 1/2" Drive Deep Socket Pusher	105mm



TWIST SOCKET SETS

- Sockets can be used to remove rounded or damaged fasteners with any head configuration
- Quickly and easily remove damaged or rounded nuts and bolts
- Simply place socket on fastener and turn with impact gun
- Grip-on fastener tightens as more torque is applied
- No hammering required to install socket over fastener

APPLICATIONS:

- Oil Pan Drain Plugs
- Exhaust Manifold Nuts
- Studs
- Pipe Nipples
- Corroded Marine Fasteners



SXT10LRA
10 PIECE 3/8" DRIVE
TWIST SOCKET SET

PRODUCT #	DRIVE SIZE	OPENING SIZE	OVERALL LENGTH IN. / MM	SET
SXT10LRA	10 Piece 3/8" Drive Twist Socket Set			
X10TA	3/8"	10mm	1-1/4" / 31.7	•
X11TA	3/8"	11mm	1-1/4" / 31.7	•
X12TA	3/8"	12mm	1-1/4" / 31.7	•
X13TA	3/8"	13mm	1-1/4" / 31.7	•
X14TA	3/8"	14mm	1-1/4" / 31.7	•
X15TA	3/8"	15mm	1-3/8" / 34.9	•
X16TA	3/8"	16mm	1-3/8" / 34.9	•
X17TA	3/8"	17mm	1-3/8" / 34.9	•
X18TA	3/8"	18mm	1-3/8" / 34.9	•
X19TA	3/8"	19mm	1-3/8" / 34.9	•



SVT5LRA
5 PIECE 1/2" DRIVE TWIST SOCKET
FASTENER REMOVAL KIT

PRODUCT #	DRIVE SIZE	OPENING SIZE	OVERALL LENGTH IN. / MM	SET
SVT5LRA	5 Piece 1/2" Drive Twist Socket Fastener Removal Kit			
V24TA	1/2"	3/4" in. / 19mm	1-5/8" / 41.3	•
V26TA	1/2"	13/16" in.	1-5/8" / 41.3	•
V28TA	1/2"	7/8" in.	1-5/8" / 41.3	•
V30TA	1/2"	15/16" in.	1-5/8" / 41.3	•
V32TA	1/2"	1" in.	1-5/8" / 41.3	•

SCEX20S
20 PIECE SCREW EXTRACTOR SET

- Precision tools for screws of 1/4" to 1/2"; maximum 1" depth extraction
- Contains ten matching drill guides
- Blow-moulded case



PRODUCT #	DESCRIPTION	EXTRACTOR SIZE	DRILL BIT SIZE	USE DRILL	SCREW DIAMETER IN. / MM	FLUTE DIAMETER IN. / MM	MAXIMUM DEPTH IN. / MM	OVERALL LENGTH IN. / MM	SET
SCEX20S	20 Piece Screw Extractor Set								
SCEXTU1	Screw Extractor with Turnuts	1	-	1/8"	1/4" / 6.35	9/64" / 3.5	1" / 25.4	2-3/8" / 60.78	•
SCEXTU2	Screw Extractor with Turnuts	2	-	3/16"	5/16" / 7.94	13/64" / 5.2	1" / 25.4	2-13/16" / 71.86	•
SCEXTU3	Screw Extractor with Turnuts	3	-	1/4"	3/8" / 9.53	9/32" / 6.9	1" / 25.4	3-3/16" / 81.15	•
SCEXTU4	Screw Extractor with Turnuts	4	-	5/16"	7/16" / 11.11	21/64" / 8.6	1" / 25.4	3-3/8" / 86.20	•
SCEXTU5	Screw Extractor with Turnuts	5	-	11/32"	1/2" / 12.7	3/8" / 9.5	1" / 25.4	3-3/4" / 94.45	•
DRB1	Drill Bit	-	1/8"	-	-	-	-	2-9/16" / 65.73	•
DRB2	Drill Bit	-	3/16"	-	-	-	-	3-7/16" / 86.39	•
DRB3	Drill Bit	-	1/4"	-	-	-	-	4" / 101.64	•
DRB4	Drill Bit	-	5/16"	-	-	-	-	4-5/8" / 117.59	•
DRB5	Drill Bit	-	11/32"	-	-	-	-	5" / 126.21	•
DRBG1	Drill Guide	-	-	9/32"	-	-	-	1-3/16" / 30.04	•
DRBG2	Drill Guide	-	-	5/16"	-	-	-	1-3/16" / 30.04	•
DRBG3	Drill Guide	-	-	11/32"	-	-	-	1-3/16" / 30.04	•
DRBG4	Drill Guide	-	-	3/8"	-	-	-	1-3/16" / 30.04	•
DRBG5	Drill Guide	-	-	13/32"	-	-	-	1-3/16" / 30.04	•
DRBG6	Drill Guide	-	-	7/16"	-	-	-	1-3/16" / 30.04	•
DRBG7	Drill Guide	-	-	15/32"	-	-	-	1-3/16" / 30.04	•
DRBG8	Drill Guide	-	-	1/2"	-	-	-	1-3/16" / 30.04	•
DRBG9	Drill Guide	-	-	17/32"	-	-	-	1-3/16" / 30.04	•
DRBG10	Drill Guide	-	-	9/16"	-	-	-	1-3/16" / 30.04	•
SCEX20S-CASE	Case	-	-	-	-	-	-	-	•

STEX5S
5 PIECE STRAIGHT FLUTE EXTRACTOR SET

PRODUCT #	DESCRIPTION	EXTRACTOR SIZE	OVERALL LENGTH IN. / MM	USE DRILL	SET
STEX5S	5 Piece Straight Flute Extractor Set				
STEX1	Straight Flute Extractor	#1	2-7/16" / 61.9	9/64"	•
STEX2	Straight Flute Extractor	#2	2-13/16" / 71.4	3/16"	•
STEX3	Straight Flute Extractor	#3	3-1/8" / 79.4	15/64"	•
STEX4	Straight Flute Extractor	#4	3-3/8" / 85.7	5/16"	•
STEX5	Straight Flute Extractor	#5	3-7/16" / 87.3	3/8"	•
STEX6	Straight Flute Extractor	#6	-	7/16"	•
STEX5S-POUCH	Pouch	-	-	-	•

DBLEX5S
5 PIECE DOUBLE-EDGE EXTRACTOR SET

PRODUCT #	DESCRIPTION	EXTRACTOR SIZE	SET
DBLEX5S	5 Piece Double-Edge Extractor Set		
DBLEX5-01	Double-Edge Screw	#1	•
DBLEX5-02	Double-Edge Screw	#2	•
DBLEX5-03	Double-Edge Screw	#3	•
DBLEX5-04	Double-Edge Screw	#4	•
DBLEX5-05	Double-Edge Screw	#5	•



SPIRAL FLUTE EXTRACTORS

- Extractors made of heat-treated chrome-vanadium steel
- Designed to remove broken screws, bolts, threaded parts, pins and pipes

PRODUCT #	DESCRIPTION
SPEX1A	Spiral Flute Extractor #1 - 5/64"
SPEX2A	Spiral Flute Extractor #2 - 7/64"
SPEX3A	Spiral Flute Extractor #3 - 5/32"
SPEX4A	Spiral Flute Extractor #4 - 1/4"
SPEX5A	Spiral Flute Extractor #5 - 19/64"



EXTRACTOR AND COBALT DRILL BIT SETS

- Removes bolts and screws up to 5/8"
- Packaged in an easy access metal index



PRODUCT #	DESCRIPTION	EXTRACTOR SIZE	DRILL BIT SIZE	LH/RH	OVERALL LENGTH IN. / MM	USE DRILL	SET
SPEX10MDS	10 Piece Combination Extractor and Cobalt Drill Bit Set						
SPEX10LDS	10 Piece Left Hand Combination Extractor and Cobalt Drill Bit Set						
SPEX5S	5 Piece Spiral Flute Screw Extractor Set						
SPEX1	Spiral Flute Extractor	#1		-	1-15/16" / 49.2	5/64"	• • •
SPEX2	Spiral Flute Extractor	#2		-	2-7/16" / 61.9	7/64"	• • •
SPEX3	Spiral Flute Extractor	#3		-	2-3/4" / 69.9	5/32"	• • •
SPEX4	Spiral Flute Extractor	#4		-	3" / 76.2	1/4"	• • •
SPEX5	Spiral Flute Extractor	#5		-	3-3/8" / 85.7	19/64"	• • •
MLCD1	Cobalt Drill Bit	-	5/64"	RH	2" / 50.8		•
MLCD2	Cobalt Drill Bit	-	7/64"	RH	2-3/16" / 55.6		•
MLCD3	Cobalt Drill Bit	-	5/32"	RH	2-1/2" / 63.5		•
MLCD4	Cobalt Drill Bit	-	1/4"	RH	3-5/16" / 84.1		•
MLCD5	Cobalt Drill Bit	-	19/64"	RH	3-5/8" / 92.1		•
LHCD1	Cobalt Drill Bit	-	5/64"	LH	-	-	•
LHCD2	Cobalt Drill Bit	-	7/64"	LH	-	-	•
LHCD3	Cobalt Drill Bit	-	5/32"	LH	-	-	•
LHCD4	Cobalt Drill Bit	-	1/4"	LH	-	-	•
LHCD5	Cobalt Drill Bit	-	19/64"	LH	-	-	•
SPEX10MDS-CASE	Pouch	-	-	-	-	-	•
SPEX10LDS-CASE	Pouch	-	-	-	-	-	•
SPEX5S-POUCH	Pouch	-	-	-	-	-	•

EXTRACTORS

STUD REMOVERS AND SETS

08



SCEX10S 10 PIECE SCREW EXTRACTOR SET

- Extractors made of heat-treated chrome-vanadium steel
- Designed to remove broken screws, bolts, threaded parts, pins and pipes



SCEX25S 25 PIECE SCREW EXTRACTOR SET

- Extractors made of heat-treated chrome-vanadium steel
- Designed to remove broken screws, bolts, threaded parts, pins and pipes

PRODUCT #	DESCRIPTION	BOLT SIZE REFERENCE NO.	BOLT SIZE REFERENCE SAE	BOLT SIZE REFERENCE METRIC	DRILL SIZE	LH/RH	EXTRACTOR SIZE	HEX SIZE	SET
SCEX25S	25 Piece Screw Extractor Set								
SCEX10S	10 Piece Screw Extractor Set								
SCEX1	Screw Extractor	No.12	-	5mm	-	-	1/8"	1/2"	• •
SCEX2	Screw Extractor	No.14	1/4"	6mm	-	-	5/32"	1/2"	• • •
SCEX3	Screw Extractor	-	5/16"	7-8mm	-	-	3/16"	1/2"	• • •
SCEX4	Screw Extractor	-	3/8"	9-10mm	-	-	7/32"	1/2"	• • •
SCEX5	Screw Extractor	-	7/16"	11mm	-	-	1/4"	1/2"	• • •
SCEX6	Screw Extractor	-	1/2"	12mm	-	-	9/32"	1/2"	• • •
SCEX7	Screw Extractor	-	9/16"	14mm	-	-	5/16"	1/2"	• • •
SCEX8	Screw Extractor	-	5/8"	16mm	-	-	11/32"	1/2"	• • •
SCEX9	Screw Extractor	-	11/16"	18mm	-	-	3/8"	1/2"	• • •
SCEX10	Screw Extractor	-	3/4"	-	-	-	13/32"	1/2"	• • •
SCEX11	Screw Extractor	-	13/16"	20mm	-	-	7/16"	5/8"	• •
SCEX12	Screw Extractor	-	7/8"	22-24mm	-	-	15/32"	5/8"	• •
SCEX13	Screw Extractor	-	15/16"	-	-	-	1/2"	5/8"	• •
SCEX14	Screw Extractor	-	1"	-	-	-	17/32"	3/4"	• •
SCEX15	Screw Extractor	-	1-1/16"	-	-	-	9/16"	3/4"	• •
SCEX16	Screw Extractor	-	1-1/8"	-	-	-	19/32"	3/4"	• •
SCEX17	Screw Extractor	-	1-3/16"	-	-	-	5/8"	3/4"	• •
SCEX18	Screw Extractor	-	1-1/4"	-	-	-	21/32"	7/8"	• •
SCEX19	Screw Extractor	-	1-5/16"	-	-	-	11/16"	7/8"	• •
SCEX20	Screw Extractor	-	1-3/8"	-	-	-	23/32"	7/8"	• •
SCEX21	Screw Extractor	-	1-7/16"	-	-	-	3/4"	7/8"	• •
SCEX22	Screw Extractor	-	1-1/2"	-	-	-	25/32"	1"	• •
SCEX23	Screw Extractor	-	1-9/16"	-	-	-	13/16"	1"	• •
SCEX24	Screw Extractor	-	1-5/8"	-	-	-	27/32"	1"	• •
SCEX25	Screw Extractor	-	1-11/16"	-	-	-	7/8"	1"	• •
LHCD6	Left Hand Drill Bit	-	7/16"	11mm	1/4"	LH	-	-	
LHCD8	Left Hand Drill Bit	-	3/8" - 5/8"	10-16mm	19/64"	LH	-	-	
SCEX10S-CASE	-	-	-	-	-	-	-	-	•
SCEX25S-CASE	-	-	-	-	-	-	-	-	•

EXTRACTORS

STUD REMOVERS AND SETS



SR4FA 4 PIECE SAE STUD PULLER SET

PRODUCT #	DRIVE IN.	SET
SR4FA	4 Piece SAE Stud Puller Set	
SR832A	1/4"	•
SR1032A	5/16"	•
SR1232A	3/8"	•
SR1432A	7/16"	•



SR4MA 4 PIECE METRIC STUD PULLER SET

PRODUCT #	DRIVE MM	SET
SR4MA	4 Piece Metric Stud Puller Set	
SR6A	6	•
SR8A	8	•
SR10A	10	•
SR12A	12	•



SR20B STUD REMOVER

- Removes studs quickly and efficiently
- Capacity: 1/4" through 3/4" (6.5 - 19mm)
- Eccentric roller grips stud more firmly
- Uses 1/2" square drive wrench

