



CARBON TAPS

- HAND
- PIPE
- BUTTON DIES
- DIE NUTS
- SCREW EXTRACTORS
- TAP WRENCHES

CARBON TAPS

METRIC COARSE

STRAIGHT FLUTE



METRIC CARBON TAP COARSE

GROUP	METRIC COARSE
Surface Finish	Bright
Type of Thread	Metric Course
Application	General Purpose

SIZE	TPI		TAPER	SECOND	BOTTOM
M2	0.40		81400781	81400782	81400783
M2.5	0.50		81400981	81400982	81400983
M3	0.60		81401181	81401182	81401183
M3.5	0.60		81401371	81401372	81401373
M4	0.70		81401571	81401572	81401573
M4.5	0.75		81401771	81401772	81401773
M5	0.80		81401961	81401962	81401963
M6	1.00		81402361	81402362	81402363
M8	1.25		81403151	81403152	81403153
M10	1.50		81403931	81403932	81403933
M12	1.75		81404731	81404732	81404733
M14	2.00		81405511	81405512	81405513
M16	2.00		81406291	81406292	81406293
M18	2.50		81407081	81407082	81407083
M20	2.50		81407871	81407872	81407873
M24	3.00		81409441	81409442	81409443



METRIC CARBON TAP FINE

GROUP	METRIC FINE
Surface Finish	Bright
Type of Thread	Metric Fine
Application	General Purpose

SIZE	TPI	TAPER	SECOND	BOTTOM
M8	1.00	81503151	81503152	81503153
M10	1.00	80803931	80803932	80803933
M10	1.25	81503931	81503932	81503933
M12	1.25	80804721	80804722	80804723
M12	1.50	81504731	81504732	81504733
M14	1.25	80805511	80805512	80805513
M14	1.50	81505511	81505512	81505513
M16	1.50	81506291	81506292	81506293
M18	1.50	80807081	80807082	80807083
M20	1.50	81507871	81507872	81507873
M22	1.50	81508661	81508662	81508663
M24	2.00	80809441	80809442	80809443

CARBON TAPS

BSW

STRAIGHT FLUTE



BSW CARBON TAP

GROUP	BSW
Surface Finish	Bright
Type of Thread	Whitworth
Application	General purpose

SIZE	TPI	TAPER	SECOND	BOTTOM
1/8	40	80101251	80101252	80101253
5/32	32	80101561	80101562	80101563
3/16	24	80101871	80101872	80101873
1/4	20	80102501	80102502	80102503
5/16	18	80103121	80103122	80103123
3/8	16	80103751	80103752	80103753
7/16	14	80104731	80104732	80104733
1/2	12	80105001	80105002	80105003
9/16	12	80105621	80105622	80105623
5/8	11	80106251	80106252	80106253
3/4	10	80107501	80107502	80107503
7/8	9	80108751	80108752	80108753
1"	8	80110001	80110002	80110003
1-1/8	7	80111251	80111252	80111253
1-1/4	7	80112501	80112502	80112503
1-1/2	6	80115001	80115002	80115003



UNC CARBON TAP

GROUP	UNC
Surface Finish	Bright
Type of Thread	Unified Coarse
Application	General Purpose

SIZE	TPI	TAPER	SECOND	BOTTOM
#6	32	80301381	80301382	80301383
#8	32	80301641	80301642	80301643
#10	24	80301901	80301902	80301903
#12	24	80302161	80302162	80302163
1/4	20	80302501	80302502	80302503
5/16	18	80303121	80303122	80303123
3/8	16	80303751	80303752	80303753
7/16	14	80304371	80304372	80304373
1/2	13	80305001	80305002	80305003
9/16	12	80305621	80305622	80305623
5/8	11	80306251	80306252	80306253
3/4	10	80307501	80307502	80307503
7/8	9	80308751	80308752	80308753
1"	8	80310001	80310002	80310003
1-1/4	7	80312501	80312502	80312503

CARBON TAPS

UNF

STRAIGHT FLUTE



UNF CARBON TAP

GROUP	UNF
Surface Finish	Bright
Type of Thread	Unified Fine
Application	General Purpose

SIZE	TPI	TAPER	SECOND	BOTTOM
#6	40	80401381	80401382	80401383
#8	36	80401641	80401642	80401643
#10	32	80401901	80401902	80401903
#12	28	80402161	80402162	80402163
1/4	28	80402501	80402502	80402503
5/16	24	80403121	80403122	80403123
3/8	24	80403751	80403752	80403753
7/16	20	80404371	80404372	80404373
1/2	20	80405001	80405002	80405003
9/16	18	80405621	80405622	80405623
5/8	18	80406251	80406252	80406253
3/4	16	80407501	80407502	80407503
7/8	14	80408751	80408752	80408753
1"	12	80410001	80410002	80410003
1" UNS	14	80910001	80910002	80910003
1-1/8	12	80411251	80411252	80411253
1-1/4	12	80412501	80412502	80412503



BSP-F CARBON TAP

GROUP	BSP-F
Surface Finish	Bright
Type of Thread	Whitworth pipe thread G series
Application	General purpose

SIZE	TPI	TAPER	SECOND	BOTTOM
1/8	28	81003831	81003832	81003833
1/4	19	81005181	81005182	81005183
3/8	19	81006561	81006562	81006563
1/2	14	81008251	81008252	81008253
5/8	14	81009021	81009022	81009023
3/4	14	81010411	81010412	81010413
1"	11	81015091	81015092	81015093
1-1/4	11	81016501	81016502	81016503
1-1/2	11	81018821	81018822	81018823
2"	11	81023471	81023472	81023473

CARBON TAPS

BSPT

PIPE TAP



BSPT CARBON TAP

GROUP	BSPT
Surface Finish	Bright
Type of Thread	Whitworth Pipe Thread Rc Series
Application	General Purpose

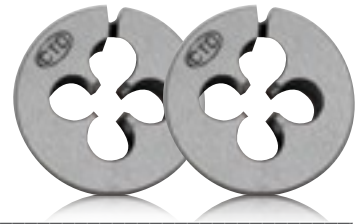
SIZE	TPI	BOTTOM
1/8	28	81103830
1/4	19	81105180
3/8	19	81106560
1/2	14	81108250
3/4	14	81110410
1"	11	81115090
1-1/4	11	81116500
1-1/2	11	81118820
2"	11	81123470



NPT CARBON TAP

GROUP	NPT
Surface Finish	Bright
Type of Thread	American Taper Pipe
Application	General purpose

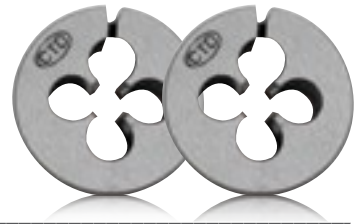
SIZE	TPI	BOTTOM
1/8	27	81204040
1/4	18	81205340
3/8	18	81206710
1/2	14	81208350
3/4	14	81210460
1"	11-1/2	81213080
1-1/4	11-1/2	81216530
1-1/2	11-1/2	81218910
2"	11-1/2	81223650



METRIC BUTTON DIES COURSE

GROUP	BUTTON DIES
Surface Finish	Bright
Type Of Thread	Metric Coarse
Application	For Cutting New Threads.

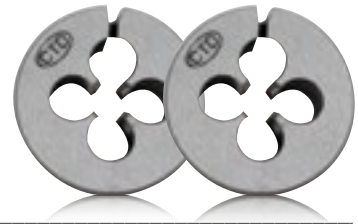
SIZE	TPI	1" OD	1-1/2" OD	2" OD
M3	0.50	91001180		
M4	0.70	91001570		
M5	0.80	91001960		
M6	1.00	91502360		
M8	1.25	91503150		
M10	1.50	91503930		
M12	1.75		92504720	
M14	2.00		92505510	
M16	2.00		92506290	
M18	2.50		92507080	
M20	2.50			93507870
M22	2.50			93508660
M24	3.00			93509440



METRIC BUTTON DIES FINE

GROUP	BUTTON DIES
Surface Finish	Bright
Type Of Thread	Metric Fine
Application	For Cutting New Threads.

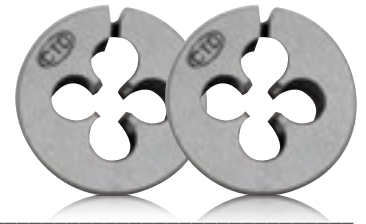
SIZE	TPI	1" OD	1-1/2" OD	2" OD
M8	1.00	91503140		
M10	1.25	91503920		
M12	1.25		92504700	
M12	1.50		92504710	
M14	1.50		92505500	
M16	1.50		92506280	
M18	1.50		92507070	
M20	1.50			93507860
M22	1.50			93508650
M24	2.00			93509430



BSW BUTTON DIES

GROUP	BUTTON DIES
Surface Finish	Bright
Type Of Thread	Whitworth
Application	For Cutting New Threads.

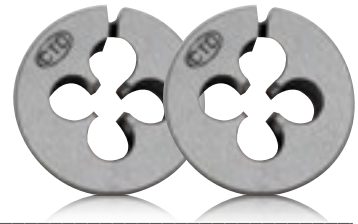
SIZE	TPI	1" OD	1-1/2" OD	2" OD
1/8	40	90701250		
5/32	32	90701560		
3/16	24	90701870		
1/4	20	91102500		
5/16	18	91103120		
3/8	16	91103750		
7/16	14		92104370	
1/2	12		92105000	
9/16	12		92105620	
5/8	11		92106250	
3/4	10		92107500	
7/8	9			93108750
1"	8			93110000



UNC BUTTON DIES

GROUP	BUTTON DIES
Surface Finish	Bright
Type Of Thread	Unified Coarse
Application	For Cutting New Threads.

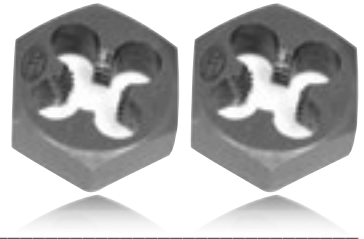
SIZE	TPI	1" OD	1-1/2" OD	2" OD
#6	32	90803180		
#8	32	90801640		
#10	24	90801900		
#12	24	90802160		
1/4	20	91302500		
5/16	18	91303120		
3/8	16	91303750		
7/16	14		92304370	
1/2	13		92305000	
9/16	12		92305620	
5/8	11		82306250	
3/4	10		92307500	
7/8	9			93308750
1"	8			93310000



UNF BUTTON DIES

GROUP	BUTTON DIES
Surface Finish	Bright
Type Of Thread	Unified Fine
Application	For Cutting New Threads.

SIZE	TPI	1" OD	1-1/2" OD	2" OD
#6	40	90901380		
#8	36	90901640		
#10	32	90901900		
#12	28	90902160		
1/4	28	91402500		
5/16	24	91403120		
3/8	24	91403750		
7/16	20		92404370	
1/2	20		92405000	
9/16	18		92405620	
5/8	18		92406250	
3/4	16		92407500	
7/8	14			93408750
1"	12			93410000



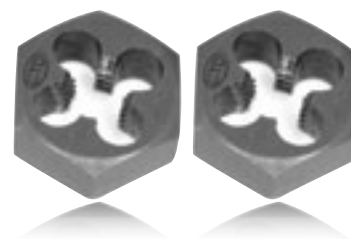
METRIC DIE NUTS COURSE

GROUP	DIES NUTS
Surface Finish	Bright
Type Of Thread	Metric Coarse
Application	For Cleaning & Resizing Existing Damaged Threads.

SIZE	TPI	DIE NUTS
M5	0.80	95501960
M6	1.00	95502360
M7	1.00	95502750
M8	1.25	95503150
M9	1.25	95503540
M10	1.50	95503930
M12	1.75	95504720
M14	2.00	95505510
M16	2.00	95506290
M18	2.50	95507080
M20	2.50	95507880
M22	2.50	95508660
M24	3.00	95509440
M27	3.00	95510630
M30	3.50	95511811
M33	3.50	95512992
M36	4.00	95514173

DIE NUTS

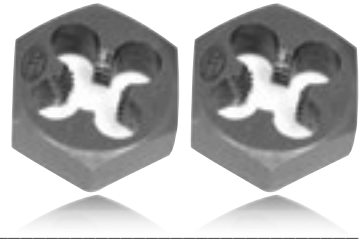
METRIC FINE



METRIC DIE NUTS FINE

GROUP	DIES NUTS
Surface Finish	Bright
Type Of Thread	Metric Fine
Application	For Cleaning & Resizing Existing Damaged Threads.

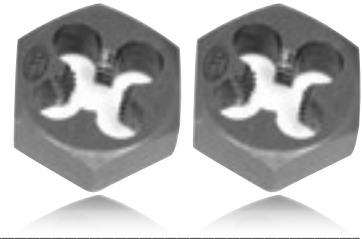
SIZE	TPI	DIE NUTS
M8	1.00	95503140
M10	1.00	95503910
M10	1.25	95503920
M12	1.25	95504700
M12	1.50	95504710
M14	1.50	95505500
M16	1.50	95506280
M18	1.50	95507070
M20	1.50	95507870



BSW DIE NUTS

GROUP	DIES NUTS
Surface Finish	Bright
Type Of Thread	Whitworth
Application	For Cleaning & Resizing Existing Damaged Threads.

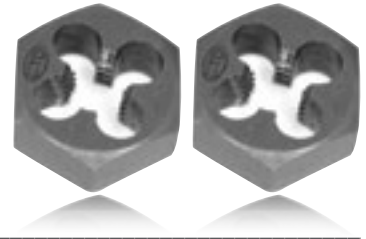
SIZE	TPI	DIE NUTS
1/8	40	95101250
5/32	32	95101560
3/16	24	95101870
1/4	20	95102500
5/16	18	95103120
3/8	16	95103750
7/16	14	95104370
1/2	12	95105000
9/16	12	95105620
5/8	11	95106250
3/4	10	95107500
7/8	9	95108750
1"	8	95110000



UNC DIE NUTS

GROUP	DIES NUTS
Surface Finish	Bright
Type Of Thread	Unified Coarse
Application	For Cleaning & Resizing Existing Damaged Threads.

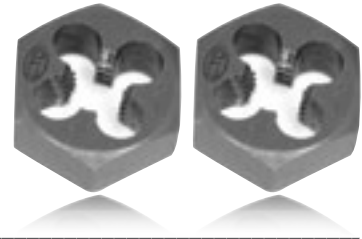
SIZE	TPI	DIE NUTS
1/4	20	95302500
5/16	18	95303120
3/8	16	95303750
7/16	14	95304370
1/2	13	95305000
9/16	12	95305620
5/8	11	95306250
3/4	10	95307500
7/8	9	95308750
1"	8	95310000



UNF DIE NUTS

GROUP	DIES NUTS
Surface Finish	Bright
Type Of Thread	Unified Fine
Application	For Cleaning & Resizing Existing Damaged Threads.

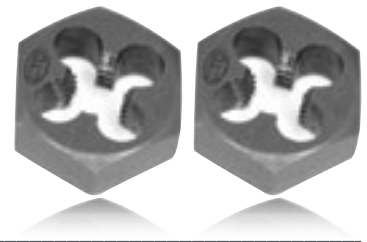
SIZE	TPI	DIE NUTS
3/16	32	95401870
1/4	28	95402500
5/16	24	95403120
3/8	24	95403750
7/16	20	95404370
1/2	20	95405000
9/16	18	95405620
5/8	18	95406250
3/4	16	95407500
7/8	14	95408750
1"	12	95410000



BSF DIE NUTS

GROUP	DIES NUTS
Surface Finish	Bright
Type Of Thread	British Standard Fine
Application	For Cleaning & Resizing Existing Damaged Threads.

SIZE	TPI	DIE NUTS
3/16	32	95201870
1/4	26	95202500
5/16	22	95203120
3/8	20	95203750
7/16	18	95204370
1/2	16	95205000
9/16	16	95205620
5/8	14	95206250
3/4	12	95207500
7/8	11	95208750
1"	10	95210000



BSP-F DIE NUTS

GROUP	DIE NUTS
Surface Finish	Bright
Type Of Thread	Whitworth Pipe Thread G-series
Application	For Cutting New Threads.

SIZE	TPI	DIE NUTS
1/8	28	95703830
1/4	19	95705180
3/8	19	95706560
1/2	14	95708250
5/8	14	95709020
3/4	14	95710410
1"	11	95710420



TAP WRENCHES

SIZE	RANGE	RANGE	PART number
1/4" T-TYPE	M3-M6	1/8-1/4	SSW-53
1/2" T-TYPE	M7-M12	5/16-1/2	SSW-53D
1/4" RATCHET	M3-M6	1/8-1/4	SRW-55A
1/2" RATCHET	M7-M12	5/16-1/2	SRW-55B



TAP WRENCHES BAR TYPE

SIZE	RANGE	RANGE	PART number
"00"	M1.5-M6	1/16-1/4	SSW-52A
"0"	M3.5-M12	1/8-1/2	SSW-52B
#5	M5-M16	3/16-5/8	SSW-52C
#6	M6-M20	1/4-3/4	SSW-52D
#7	M8-M28	5/16-1.1/8	SSW-52E
#8	M20-M38	3/4-1.1/2	SSW-52F



BUTTON DIE HOLDERS

SIZE	PART number
13/16	SDH-57B
1"	SDH-57C
1 1/2	SDH-57D
2	SDH-57E



SCREW EXTRACTORS

GROUP	SCREW EXTRACTORS
Surface Finish	Bright
Material	High Grade Carbon Steel

SIZE	RANGE	DRILL SIZE	PART number
#1	M2-M4	5/64"	CTDSE#1
#2	M4-M5	7/64"	CTDSE#2
#3	M5-M7	5/32"	CTDSE#3
#4	M7-M10	1/4"	CTDSE#4
#5	M10-M20	17/64"	CTDSE#5
#6	M22-M25	13/32"	CTDSE#6
#7	M25-M29	17/32"	CTDSE#7

SCREW EXTRACTOR SETS



GROUP	SCREW EXTRACTOR SETS
Surface Finish	Bright
Material	High Grade Carbon Steel

SIZE	CONTENTS	PART number
#1-#5	#1-#5 SCREW EXTRACTORS	CTDSES15
#1-#6	#1-#6 SCREW EXTRACTORS	CTDSES16
#1-#5	#1-#5 SCREW EXTRACTORS C/W DRILLS	CTDSES15D

