	<p>Holds Taps for hand tapping use Bright Chrome Handles with knurled ends to give better grip Die cast alloy body with hardened and tempered vee jaws</p> <p>TW-SET contains 2 Tap Wrenches TW-065 and TW- 013</p>
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Packed Weight and Dimensions

Code	Thread Range	A/F Min	A/F Max	O/A Length	Weight g	W mm	H mm	L mm
TW-065	M2 - M6	2.0	6.5	170	84	20	8	170
TW-013	M4 – M9	2.2	8.0	195	436	22	10	196
TW-020	M6 – M20	4.0	12.5	345	554	32	16	346
TW-SET	M2 – M9	2.0	8.0	N/A	221	22	18	196

Tap Range for TW-065

Square Dimensions	ISO 529 Metric Coarse	ISO 529 Metric Coarse	DIN 352 Metric Coarse	ISO 529 BSW	ISO 529 BSF	ISO 529 UNC	ISO 529 UNF	ISO 529 BA	ANSI NPT
	Full Diameter	Relieved Shank							
	Shank with Recess								
Size mm	Size	Size	Size	Size	Size	Size	Size	Size	Size
2	M1 - M2	M3.5						10	
2.2								8, 6	
2.24	M2.2 - M2.5								
2.5	M3	M4	M3	1/8				5	
2.8		M4.5						4	
2.9			M3.5						
3									
3.15	M4	M5		5/32					
3.3			M4						
3.5								3	
3.55	M4.5	M6							
3.8			M4.5						
4	M5			3/16	3/16			2	
4.2			M5						
4.5		M7							
4.9								0	
5	M6	M8	M6	1/4	1/4	1/4	1/4		
5.6	M7	M9							
5.9									1/16
6			M7						
6.3	M8	M10, M11		5/16, 7/16	5/16, 7/16	5/16, 7/16	5/16, 7/16		

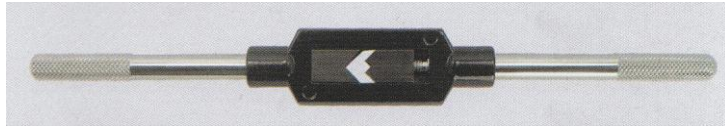
Product: Straight Adjustable Tap Wrenches

Tap Range for TW-013

Square Dimensions	ISO 529 Metric Coarse Full Diameter	ISO 529 Metric Coarse Relieved Shank	DIN 352 Metric Coarse	ISO 529 BSW	ISO 529 BSF	ISO 529 UNC	ISO 529 UNF	ISO 529 BA	ANSI NPT
Size mm	Size	Size	Size	Size	Size	Size	Size	Size	Size
2.2								8, 6	
2.24	M2.2 - M2.5								
2.5	M3	M4	M3	1/8				5	
2.8		M4.5						4	
2.9			M3.5						
3									
3.15	M4	M5		5/32					
3.3			M4						
3.5								3	
3.55	M4.5	M6							
3.8			M4.5						
4	M5			3/16	3/16			2	
4.2			M5						
4.5		M7							
4.9								0	
5	M6	M8	M6	1/4	1/4	1/4	1/4		
5.6	M7	M9							
5.9									1/16
6			M7						
6.3	M8	M10, M11		5/16, 7/16	5/16, 7/16	5/16, 7/16	5/16, 7/16		
6.8			M8						
7.1	M9	M12		1/2	1/2	1/2	1/2		
7.8			M9						
8	M10			3/8	3/8	3/8	3/8		

Tap Range for TW-020

Square Dimensions	ISO 529 Metric Coarse Full Diameter	ISO 529 Metric Coarse Relieved Shank	DIN 352 Metric Coarse	ISO 529 BSW	ISO 529 BSF	ISO 529 UNC	ISO 529 UNF	ISO 529 BA	ANSI NPT
Size mm	Size	Size	Size	Size	Size	Size	Size	Size	Size
4	M5			3/16	3/16			2	
4.2			M5						
4.5		M7							
4.9								0	
5	M6	M8	M6	1/4	1/4	1/4	1/4		
5.6	M7	M9							
5.9									1/16
6			M7						
6.3	M8	M10, M11		5/16, 7/16	5/16, 7/16	5/16, 7/16	5/16, 7/16		
6.8			M8						
7.1	M9	M12		1/2	1/2	1/2	1/2		
7.8			M9						
8	M10			3/8	3/8	3/8	3/8		
8.3									1/8
8.5			M10						
9		M14			9/16	9/16	9/16		
9.5			M11						
10		M16		5/8	5/8	5/8	5/8		
10.3			M12						
10.7									1/4
11.2		M18, M20		3/4	3/4	3/4	3/4		
12			M14						
12.5		M22			7/8	7/8	7/8		



All steel construction
 Bar type handles, chrome plated with knurled ends
 Black finish steel body with hardened and tempered
 vee jaws

Packed Weight and Dimensions

Code	Thread Range	A/F Min	A/F Max	O/A Length	Weight g	W mm	H mm	L mm
STW-M12	M1.4-M12	2.6mm	9.5mm	205mm	140	22	10	196
STW-M14	M5-M14	2.6mm	11.5mm	265mm	255	25	12	255
STW-M20	M6-M20	4.5mm	14mm	350mm	598	37	16	346
STW-M42	M14-M42	7mm	26mm	890mm	4521	70	35	560

Tap Range for STW-M12

Square Dimensions	ISO 529 Metric Coarse Full Diameter	ISO 529 Metric Coarse Relieved Shank	DIN 352 Metric Coarse	ISO 529 BSW	ISO 529 BSF	ISO 529 UNC	ISO 529 UNF	ISO 529 BA	ANSI NPT
Size mm	Size	Size	Size	Size	Size	Size	Size	Size	Size
2.5	M3	M4	M3	1/8				5	
2.8		M4.5						4	
2.9			M3.5						
3									
3.15	M4	M5		5/32					
3.3			M4						
3.5								3	
3.55	M4.5	M6							
3.8			M4.5						
4	M5			3/16	3/16			2	
4.2			M5						
4.5		M7							
4.9								0	
5	M6	M8	M6	1/4	1/4	1/4	1/4		
5.6	M7	M9							
5.9									1/16
6			M7						
6.3	M8	M10, M11		5/16, 7/16	5/16, 7/16	5/16, 7/16	5/16, 7/16		
6.8			M8						
7.1	M9	M12		1/2	1/2	1/2	1/2		
7.8			M9						
8	M10			3/8	3/8	3/8	3/8		
8.3									1/8
8.5			M10						
9		M14			9/16	9/16	9/16		
9.5			M11						

Product: Straight Heavy Duty Adjustable Tap Wrenches

Tap Range for STW-M14

Square Dimensions	ISO 529 Metric Coarse Full Diameter	ISO 529 Metric Coarse Relieved Shank	DIN 352 Metric Coarse	ISO 529 BSW	ISO 529 BSF	ISO 529 UNC	ISO 529 UNF	ISO 529 BA	ANSI NPT
Size mm	Size	Size	Size	Size	Size	Size	Size	Size	Size
2.5	M3	M4	M3	1/8				5	
2.8		M4.5						4	
2.9			M3.5						
3									
3.15	M4	M5		5/32					
3.3			M4						
3.5								3	
3.55	M4.5	M6							
3.8			M4.5						
4	M5			3/16	3/16			2	
4.2			M5						
4.5		M7							
4.9								0	
5	M6	M8	M6	1/4	1/4	1/4	1/4		
5.6	M7	M9							
5.9									1/16
6			M7						
6.3	M8	M1, M11		5/16, 7/16	5/16, 7/16	5/16, 7/16	5/16, 7/16		
6.8			M8						
7.1	M9	M12		1/2	1/2	1/2	1/2		
7.8			M9						
8	M10			3/8	3/8	3/8	3/8		
8.3									1/8
8.5			M10						
9		M14			9/16	9/16	9/16		
9.5			M11						
10		M16		5/8	5/8	5/8	5/8		
10.3			M12						
10.7									1/4
11.2		M18, M20		3/4	3/4	3/4	3/4		

Product: Straight Heavy Duty Adjustable Tap Wrenches

Tap Range for STW-M20

Square Dimensions	ISO 529 Metric Coarse Full Diameter	ISO 529 Metric Coarse Relieved Shank	DIN 352 Metric Coarse	ISO 529 BSW	ISO 529 BSF	ISO 529 UNC	ISO 529 UNF	ISO 529 BA	ANSI NPT
Size mm	Size	Size	Size	Size	Size	Size	Size	Size	Size
4.5		M7							
4.9								0	
5	M6	M8	M6	1/4	1/4	1/4	1/4		
5.6	M7	M9							
5.9									1/16
6			M7						
6.3	M8	M10, M11		5/16, 7/16	5/16, 7/16	5/16, 7/16	5/16, 7/16		
6.8			M8						
7.1	M9	M12		1/2	1/2	1/2	1/2		
7.8			M9						
8	M10			3/8	3/8	3/8	3/8		
8.3									1/8
8.5			M10						
9		M14			9/16	9/16	9/16		
9.5			M11						
10		M16		5/8	5/8	5/8	5/8		
10.3			M12						
10.7									1/4
11.2		M18, M20		3/4	3/4	3/4	3/4		
12			M14						
12.5		M22			7/8	7/8	7/8		
13.1									1/2
13.5									3/8
14		M24	M16	1	1	1	1		

Tap Range for STW-M42

Square Dimensions	ISO 529 Metric Coarse Full Diameter	ISO 529 Metric Coarse Relieved Shank	DIN 352 Metric Coarse	ISO 529 BSW	ISO 529 BSF	ISO 529 UNC	ISO 529 UNF	ISO 529 BA	ANSI NPT
Size mm	Size	Size	Size	Size	Size	Size	Size	Size	Size
7.1	M9	M12		1/2	1/2	1/2	1/2		
7.8			M9						
8	M10			3/8	3/8	3/8	3/8		
8.3									1/8
8.5			M10						
9		M14			9/16	9/16	9/16		
9.5			M11						
10		M16		5/8	5/8	5/8	5/8		
10.3			M12						
10.7									1/4
11.2		M18, M20		3/4	3/4	3/4	3/4		
12			M14						
12.5		M22			7/8	7/8	7/8		
13.1									1/2
13.5									3/8
14		M24	M16	1	1	1	1		
15.5			M18						
16		M27, M30							
17.2									3/4
17.5			M20						
19.3			M22						
21			M24						
21.4									1
24			M27						
26.5			M30						

Product: Straight Heavy Duty Adjustable Tap Wrenches

Tap Square End Dimensions

Square Dimensions	ISO 529 Metric Coarse Full Diameter	ISO 529 Metric Coarse Relieved Shank	DIN 352 Metric Coarse	ISO 529 BSW	ISO 529 BSF	ISO 529 UNC	ISO 529 UNF	ISO 529 BA	ANSI NPT
Size mm	Size	Size	Size	Size	Size	Size	Size	Size	Size
1.6			M2						
1.8		M3							
2	M1 - M2	M3.5						10	
2.2								8, 6	
2.24	M2.2 - M2.5								
2.5	M3	M4	M3	1/8				5	
2.8		M4.5						4	
2.9			M3.5						
3									
3.15	M4	M5		5/32					
3.3			M4						
3.5								3	
3.55	M4.5	M6							
3.8			M4.5						
4	M5			3/16	3/16			2	
4.2			M5						
4.5		M7							
4.9								0	
5	M6	M8	M6	1/4	1/4	1/4	1/4		
5.6	M7	M9							
5.9									1/16
6			M7						
6.3	M8	M1, M11		5/16, 7/16	5/16, 7/16	5/16, 7/16	5/16, 7/16		
6.8			M8						
7.1	M9	M12		1/2	1/2	1/2	1/2		
7.8			M9						
8	M10			3/8	3/8	3/8	3/8		
8.3									1/8
8.5			M10						
9		M14			9/16	9/16	9/16		
9.5			M11						
10		M16		5/8	5/8	5/8	5/8		
10.3			M12						
10.7									1/4
11.2		M18, M20		3/4	3/4	3/4	3/4		
12			M14						
12.5		M22			7/8	7/8	7/8		
13.1									1/2
13.5									3/8
14		M24	M16	1	1	1	1		
15.5			M18						
16		M27, M30							
17.2									3/4
17.5			M20						
19.3			M22						
21			M24						
21.4									1
24			M27						
26.5			M30						