



## BRITISH THREAD FORM: CUTTING TOOLS ROUND ADJUSTABLE DIES

BRITISH STANDARD WHITWORTH (BSW), BRITISH STANDARD FINE (BSF),  
BRITISH ASSOCIATION (BA),  
BRITISH STANDARD PIPE PARALLEL (BSPF), BRITISH STANDARD PIPE TAPERED (BSPT)

O.D.	DIAMETER	BSW	BSF	O.D.	DIAMETER	BSW	BSF	O.D.	DIAMETER	BSW	BSF	
13/16	1/8	X		1-5/16	1/4			2-1/4	3/4			
	3/16	X	X		5/16				7/8			
	No. 0				3/8				1"			
	1	X			7/16	X	X		1-1/8	X	X	
	2				1/2	X	X					
	3				9/16	X	X					
	1"	4			1-1/2	3/8			3"	1-1/8		
		5				7/16	X	X		1-1/4	X	X
		6				1/2	X	X		1-1/2	X	X
		8				9/16	X	X				
		10				5/8	X	X				
		12				1/2	X					
1/4		X	X	9/16								
5/8		X	X	5/8			X					
3/8		X	X	3/4	X	X						
				7/8	X	X						
			1"	X	X							

**BSW, BSF, BSPF, & BSPT ARE  
WHITWORTH THREAD FORMS &  
HAVE A 55 Degree THREAD ANGLE WITH A  
ROUNDED CREST & ROOT. BA THREAD  
FORMS HAVE A  
47 1/2 Degree THREAD ANGLE.**

ALL DIES ON THIS PAGE ARE HIGH SPEED STEEL

O.D.	DIAMETER	BSPF	BSPT	O.D.	DIAMETER	BSPF	BSPT	
1"	1/8	X	X	2-1/4	1/2	X		
1-5/16	1/8	X	X		3/4	X		
	1/4	X	X		7/8	X		
1-1/2	1/8	X			1	X	X	
	1/4	X	X		3"	7/8	X	
	3/8	X	X	1		X	X	
2"	1/4	X		1-1/4		X	X	
	3/8	X	X	4"	1-1/2	X	X	
	1/2	X	X					
	5/8	X						
3/4	X	X						

**X = AVAILABILITY**

NOTE: LARGER SIZES ARE AVAILABLE ON REQUEST

O.D.	DIAMETER	BA
13/16	0	X
	1	X
	2	X
	3	X
	4	X
	5	X
	6	X
	7	X
	8	X
	9	X
10	X	
1"	0	X
	1	X
	2	X

DIE O.D.'s ARE SUBJECT TO STOCK AVAILABILITY.

## TAP & DIE SETS IN WOODEN BOXES

Thread Form	Code	Sizes	Tap Wrenches	Die Stock
BSW 1/4-1/2	ETDS28	1/4, 5/16, 3/8, 7/16, 1/2	No. 2	1", 1-5/16
BSW 1/4-3/4	ETDS32	1/4, 5/16, 3/8, 7/16, 1/2, 5/8, 3/4	No. 2, No. 3	1", 1-5/16, 2"
BSW 1/4-1"	ETDS36	1/4, 5/16, 3/8, 7/16, 1/2, 5/8, 3/4, 7/8, 1"	No. 2, No. 4	1", 1-5/16, 2"
BSF 1/4-1/2	ETDS29	1/4, 5/16, 3/8, 7/16, 1/2	No. 2	1", 1-5/16
BSF 1/4-3/4	ETDS33	1/4, 5/16, 3/8, 7/16, 1/2, 5/8, 3/4	No. 2, No. 3	1", 1-5/16, 2"
BSF 1/4-1"	ETDS37	1/4, 5/16, 3/8, 7/16, 1/2, 5/8, 3/4, 7/8, 1"	No. 2, No. 4	1", 1-5/16, 2"
2-6mm coarse	ETDS40	M2, M2.5, M3, M3.5, M4, M5, M6	No. 1	13/16
6-12mm coarse	ETDS41	M6, M7, M8, M9, M10, M11, M12	No. 2	1", 1-5/16
6-20mm coarse	ETDS42	M6, M7, M8, M9, M10, M12, M14, M16, M18, M20	No. 2, No. 4	1", 1-5/16, 2"
14-24mm coarse	ETDS43	M14, M16, M18, M20, M22, M24	No. 4	2"
6-24mm coarse	ETDS44	M6, M8, M10, M12, M14, M16, M20, M22, M24	No. 2, No. 4	1", 1-5/16, 2"
BA 0-6	ETDS25	0, 1, 2, 3, 4, 5, 6	No. 1	13/16
BA 0-8	ETDS26	0, 1, 2, 3, 4, 5, 6, 7, 8	No. 1	13/16
BA 0-10	ETDS27	0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10	No. 1	13/16

THE ABOVE TAP AND DIE SETS CONSIST OF - ONE PIECE OF A TAPER, PLUG, & BOTTOM TAP OF EACH SIZE, PLUS THE MATCHING TAP WRENCHES & DIE STOCKS.

## TAP WRENCHES & DIE STOCKS

### FOR TAPS:

NO. 0 M1-M8 1/16 - 1/4  
NO. 1 M1-M10 1/16 - 3/8  
NO. 2 M3.5-M12 5/32 - 1/2  
NO. 3 M5-M20 7/32 - 3/4  
NO. 4 M9-M27 7/16 - 1"  
NO. 5 M13-M32 1/2 - 1-1/4  
NO. 6 M18-M42 3/4 - 1-1/2  
NO. 7 M25-M50 1" - 2"

### FOR DIES:

13/16 O.D. X 1/4 THICK  
1" O.D. X 3/8 THICK  
1-5/16 O.D. X 7/16 THICK  
1-1/2 O.D. X 1/2 THICK  
2" O.D. X 5/8 THICK  
2-1/4 O.D. X 11/16 THICK  
3" O.D. X 7/8 THICK