

Circular Posts

Both Ends Tapped, Wrench Flats

Both Ends Tapped



- Trivalent Chromate (Black) may not always be fully deposited on internal tapped threads.
- *D tolerance of trivalent chromate (black) is ± 0.05 .
- $L \geq M \times 2 + N \times 2$
- Tapping may cause slight swelling of D dimension.
- Anti-rust Oil is applied on 1018 Carbon Steel products.
- $SC \leq L - \ell_1$

L Dimension Selectable

Part Number		L																		M (Coarse)	S	W	ℓ ₁	
Type	D																							
1018 Carbon Steel ETKR PETR	6	15	20	25	30	35	40	45	50										3	3.5	5	8		
	8		20	25	30	35	40	45	50	60	70	80	90	100	110	120	130	140	150	4	6		7	
	10		20	25	30	35	40	45	50	60	70	80	90	100	110	120	130	140	150	200	5		6	8
	12		25	30	35	40	45	50	60	70	80	90	100	110	120	130	140	150	200	6	7.5		10	
304 Stainless Steel SETR	15					35	40	45	50	60	70	80	90	100	110	120	130	140	150	200	8	10	13	10
	20						40	45	50	60	70	80	90	100	110	120	130	140	150	200	10	15	17	

L Dimension Configurable / L Dimension Configurable, Wrench Flats

Part Number		D	L	SC	M	W	ℓ_1
Type			0.5mm Increment	1mm Increment Wrench Flats only	(Coarse)		
L Dimension Configurable 1018 Carbon Steel NETRF ETKRF PETRF BETRF	L Dimension Configurable, Wrench Flats 1018 Carbon Steel NETRS ETKRS PETRS BETRS	*1 5	8-50	0-42	2.6	4	8
		6	8-50	0-42	3	5	
		8	10-150	0-142	4	7	
		10	15-350	0-342	5	8	
		12	25-400	0-390	6	10	
		15	25-500	0-490	8	13	
304 Stainless Steel SETRF	304 Stainless Steel SETRS	20	30-500	0-490	10	17	10
		25	40-600	0-590	12	22	
		30	50-700	0-685	16	27	
		*2 35	50-800	0-785	16	30	
2017 Aluminum Alloy AETRF	2017 Aluminum Alloy AETRS	*2 40	60-900	0-880	20	36	15
		*2 50	75-1000	0-980	24	41	

- *1 D=5 is not available for 2017 Aluminum Alloy material.
- When $L \leq M \times 4$, tapped hole goes through.
- When $L \leq M \times 6$, the pilot hole may go through.
- *D ≥ 35 is applicable only to N, E, P.

Thread Diameter Configurable / Thread Diameter Configurable, Wrench Flats

Part Number		D	L	SC	M / N	W	ℓ_1
Type			0.5mm Increment	1mm Increment Wrench Flats only	(Coarse)		
Thread Dia. Configurable 1018 Carbon Steel NETF ETKF PETF	Thread Dia. Configurable, Wrench Flats 1018 Carbon Steel NETS ETKS PETS BETS	*1 5	15-50	0-42	2.6 3	4	8
		6	15-50	0-42	3 4	5	
		8	15-150	0-142	3 4 5	7	
		10	20-350	0-342	4 5 6	8	
		12	25-400	0-390	5 6 8	10	
		15	30-500	0-490	6 8 10	13	
304 Stainless Steel SETF	304 Stainless Steel SETS	20	40-500	0-490	6 8 10 12	17	10
		25	50-600	0-590	6 8 10 12 16	22	
		30	60-700	0-685	6 8 10 12 16 20	27	
		*2 35	75-800	0-785	8 10 12 16 20 24	30	
2017 Aluminum Alloy AETTF	2017 Aluminum Alloy AETTS	*2 40	75-900	0-880	10 12 16 20 24	36	15
		*2 50	75-1000	0-980	12 16 20 24	41	

- *1 D=5 is not available for 2017 Aluminum Alloy material.
- When $L \geq M \times 2 + N \times 2$
- When $SC \leq M \times 3$, $W - N \geq 2$ is needed. When $L - SC \leq N \times 3$, $W - N \geq 2$ is needed.
- *D ≥ 35 is applicable only to N, E, P.

L dim. tolerance is normally:
L 8-300 ± 0.2
L300.5-600 ± 0.3
L600.5-1000 ± 0.4
However when $L \leq 200$, all simultaneously produced pieces in a lot will have L dim. tolerance of ± 0.02 or better.
Except L Dimension Selectable

Part Number	L	SC	M	N
ETKR10	150			
ETKRF10	150			
ETKF20	400			
SET25	500			



Configure Online



Configure Online

L Dimension Selectable

Part Number	D	Min. L-50	L60-100	L110-150	L200
1018 Carbon Steel ETKR	6				
	8				
	10				
	12				
	15				
	20				

L Dimension Configurable / L Dimension Configurable, Wrench Flats

Part Number	D	Min. L-200	L200.5-400	L400.5-600	L600.5-800	L800.5-1000
1018 Carbon Steel NETRF NETRS	5					
	6					
	8					
	10					
	12					
	15					
	20					
	25					
	30					
	35					
	40					
	50					

Thread Diameter Configurable / Thread Diameter Configurable, Wrench Flats

Part Number	D	Min. L-200	L200.5-400	L400.5-600	L600.5-800	L800.5-1000
1018 Carbon Steel NETF NETS	5					
	6					
	8					
	10					
	12					
	15					
	20					
	25					
	30					
	35					
	40					
	50					



Part Number	L	SC	M	N	(LKC, HL)
ETKRF10	150				LKC
ETKF20	400				LKC
SET25	500				LKC

Alterations	Code	Spec.	Price Adder
L Dimension Tolerance	LKC	L Dimension tolerances are as follows: Ordering Code LKC L L Tolerance 8-300 ± 0.05 300.5-600 ± 0.10 600.5-1000 ± 0.15	
Through Hole for Hex Wrench	HL	HL=1mm Increment $d/2 + 5 \leq HL \leq (2/d + 5)$ Applicable to 8 $\leq$ D $\leq$ 30 only Ordering Code HL10 D d Hex Wrench Width 8 2.5 2 20 5.8 5 10 3 2.5 25 6.9 6 12 3.5 3 30 9.2 8 15 4.6 4	



Example

