

Knurled Screws

Long / Configurable Length / Stepped

Long Knurled Screws

Type	Material	Surface Treatment
LRLM	4137 Alloy Steel	Electroless Nickel Plating
LRLB	303 Stainless Steel	—

Part Number	Type	M (Coarse)	L				D	A	
LRLM	LRLM	3	6	10			5.5	10	
		4	6	10	16		7	16	
LRLB	LRLB	5	10	16	20		8.5	20	
		6	10	16	20	25	30	10	30
		8	20	25	30		13	36	
		10	20	25	30	40	16	40	

Part Number Example: LRLB3 - L

Long Knurled Screws – Configurable Length

Type	Material	Surface Treatment
LRLMF	4137 Alloy Steel	Electroless Nickel Plating
LRLBS / LRLBF	303 Stainless Steel	—

LRLBS Length Configurable **LRLBF Configurable – Stainless Steel**

Configurable Length

Part Number	Type	M (Coarse)	A 1 mm Increment	L 1 mm Increment	D
LRLBS	LRLBS	3	10-40	6-40	5.5
		4		6-40	7
		5		10-50	8.5
		6		10-50	10

Part Number Example: LRLBS3 - A15 - L10 - D

Configurable

Part Number	Type	M (Coarse)	A 1 mm Increment	L 1 mm Increment	D 1 mm Increment
LRLMF	LRLMF	3	10-60	6-40	5-10
		4		6-40	5-10
		5		10-50	10-25
		6		10-50	10-25

Part Number Alterations: LRLMF4 - A10 - L30 - D8 - MC3

Alteration	Code	Spec.
Undercut	RS	Adds an undercut under the head. Ordering Code: RS ⊖ Applicable only to LRLBS, LRLMF and LRLBF. ⊖ In M3, 6 ≤ L ≤ 21 In M4, 7 ≤ L ≤ 21
Tapping	MC	Adds a tapped hole for the screw head. Ordering Code: MC4 ⊖ 2 ≤ D - MC ⊖ Only applicable to LRLMF and LRLBF.

Knurled Screws – Stepped

LRLBD

Material: 303 Stainless Steel

Part Number	Type	D	1 mm Increment		A	M x P
			E	L		
LRLBD	LRLBD	4	8-30	10-30	5.5	2.5 x 0.45
		5			7.0	3 x 0.5
		6			8.5	4 x 0.7
		8			10.0	6 x 1.0

Part Number Example: LRLBD4 - E8 - L10

Cover Screws

Hexagon Socket Head / Knurled

Cover Screws – Hexagon Socket Head

GUTB **GUTBN (With Nylon Washer)**

M	A	E	B	d	D
2	3.8	2	1.5	1.5	—
2.6	4.5	2.5	2	1.8	—
3	5.5	3	2.5	2.2	7
4	7	4	3	3	10
5	8.5	5	4	3.9	12
6	10	6	5	4.5	12
8	13	8	6	6.3	14

The screw will not drop off from the cover when the cover is removed from the frame. (However, it requires tap machining of the cover in order to prevent screws from falling off.)

Strength Class A2-70 equivalent
Material: 304 Stainless Steel or Equivalent

Part Number	Type	M (Coarse)	ℓ	L							
GUTB	2	2.5	2.6	4	6	8	10	12	15		
				3	6	8	10	12	15		
	3	3.5	4	6	8	10	12	15			
				8	10	12	15	20			
	4	4	5	6	8	10	12	15			
				8	10	12	15	20			
	5	5	6	8	10	12	15	20			
				12	15	20	25				
	6	6	8	8	10	12	15	20			
				12	15	20	25	30			
	8	8	10	8	10	12	15	20			
				12	15	20	25	30	40		

Part Number	Type	M (Coarse)	ℓ	L							
GUTBN	3	3	3.5	4	6	8	10	12	15		
				8	10	12	15	20			
	4	4	5	6	8	10	12	15			
				10	12	15	20				
	5	5	6	8	10	12	15	20			
				12	15	20	25				
	6	6	8	8	10	12	15	20			
				12	15	20	30				
	8	8	10	8	10	12	15	20			
				15	20	30	40				

Cover Screws – Knurled

RNCB

Material: 303 Stainless Steel or Equivalent

Part Number	Type	M	ℓ	L				A	d ₁	d ₂	E		
RNCB	3	3	2	4	6	8	10	12	2.2	6	2.5		
			3.5	6	8	10	12					15	
			4	8	10	12	15					20	
			4	6	8	10	12					15	
			5	8	10	12	15					20	
			6	12	15	20	25						
	4	4	4	3	6	8	10	12	15	16	3	8	3.5
				5	10	12	15	20					
				5	8	10	12	15					
				6	12	15	20	25					
				6	12	15							
				8	15	20							
5	5	5	3	8	10	12	15	20	3.9	10	4		
			6	12	15	20	25						
			6	12	15								
			8	12	15								
			8	12	15								
			10	15	20								
6	6	6	3	6	8	10	12	24	4.5	12	5		
			4	8	10	12	15						
			4	6	8	10	12						
			5	12	15								
			6	12	15								
			8	15	20								
8	8	8	3	6	8	10	12	30	6.3	16	6		
			4	8	10	12	15						
			4	6	8	10	12						
			5	12	15								
			6	12	15								
			10	15	20								

Part Number Example: GUTB5 - ℓ - L

Part Number Alterations: GUTB5 - MC5-LC10

⊖ Alteration applicable to GUTB only

Alteration	Code	Spec.
Tapping	MC	Thread length and L dimension can be specified in 1 mm increments. Ordering Code: MC3-LC10

M	MC	LC	M	MC	LC
2	2-6	4-15	5	3-15	8-25
2.6	2-8	6-15	6	4-18	8-30
3	2-9	4-20	8	5-24	8-40
4	3-12	6-20			

⊖ LC-MC=1