



Manufacturer of **All Kinds of Fasteners & Brass Precision Turned Components**

GR Fasteners, where precision meets perfection, unveils a world of distinction in brass fasteners. Our commitment to excellence resonates in every meticulously crafted fastener, offering not just a product but a testament to quality, durability, and a touch of elegance. Elevate your projects with GR Fasteners – the epitome of reliability in the world of brass fastening solutions.

GR Fasteners has a specialised division for manufacturing of all kinds of Fastener Products, The company boasts of state of the art plants and machineries for manufacturing of flawless product categories. Each and every product at GR Fastener goes through a series of stringent quality checks to ensure global standards.

Our client experience

Why us?

Our approach

Our quality

From bolts and nuts to screws and rivets, each product undergoes rigorous quality checks at every stage of production. Our team of experienced professionals meticulously inspects every detail, ensuring that only the finest products reach our customers. At GR Fasteners, we don't just meet industry standards; we set them.



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+91-9712896976

www.grfasteners.co.in



PRODUCTS

Bolts



Nuts



Rivets



Washer





PRODUCTS

Sems Screws



Machine Screws



Self Tapping Screws





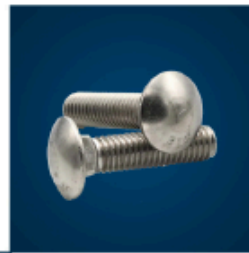
PROPERTY CLASS

BOLTS



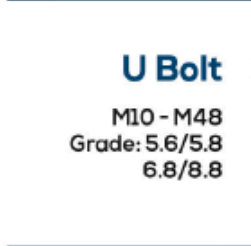
Hex Bolt

M12 - Ms2
Grade: 4.6/4.8
5.6/5.8/6.8/8.8
10.9/ASTMT-1



Carriage Bolt

M12 - M16
Grade: 5.6/6.8
8.8



U Bolt

M10 - M48
Grade: 5.6/5.8
6.8/8.8



Hex Screw

M12 - M52
Grade: 4.6/4.8
5.6/5.8/6.8/8.8
10.9/ASTM
A-325M/T-1



Heavy Hex Bolt

M12 - M36
Grade: 8.8s/10.9s
A-325M/T-1



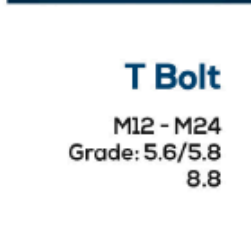
Anti Theft Bolt

M12 - M24
Grade: 5.6/5.8
6.8/8.8



Anchor Bolt

M12 - M56
Grade: 4.6/5.6



T Bolt

M12 - M24
Grade: 5.6/5.8
8.8



Slotted Bolt

M12 - M24
Grade: 5.6/5.8
8.8





PROPERTY CLASS

NUT



Hex Nut

M12 - M24
Grade: 4/5/6/8/10



Heavy Hex Nut

M12 - M24
Grade: 8s/10s

Anti Theft Nut

M16 - M20
Grade: 5/8



WASHERS



Plain Washers

M12 - M56
Grade: MS/HT F-436



Spring Washers

M12 - M24
Grade: ISO/AST

Electroplated Spring Washer



STUD



Stud Bolts

M12 - M52
Grade: 5.6/5.8 6.8/8.8



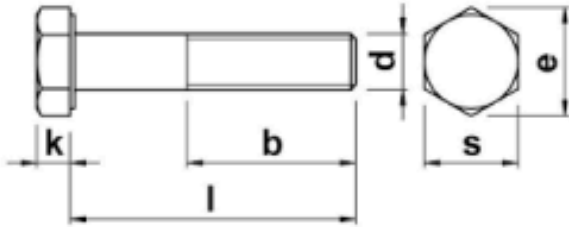
Fully Threaded Rod & Stud

M12 - M52
Grade: 5.6/5.8 6.8/8.8





SPECIFICATION



- HD -- Head Dia
- S -- Across Flats
- e -- Across Corner
- K -- Head Thickness
- b -- Thread Length
- C -- Washer Thickness
- ds -- Shank Dia
- dw -- Washer Dia
- MD -- Major Dia
- PCD -- Pitch Circle Dia

Table 1 Dimensional Parameters for Bolts

Bolt Size	Dimensions (mm)																		
	HD		S		e	K		b		C	ds		dw		PCD		MD		Thread
	Min	Max	Min	Max		Min	Max	Min	Max		Min	Max	Min	Max	Min	Max	Min	Max	
M12	22.00	22.50	17.57	18.00	19.85	7.55	8.45	20.50	23.00	0.50	11.30	12.70	16.10	10.65	10.82	11.57	11.96	1.75 P	
M16	28.50	29.50	23.16	24.00	26.17	9.25	10.75	23.00	-	0.80	15.30	16.70	22.00	14.41	14.66	15.51	15.96	2.00 P	
M20	-	-	29.16	30.00	32.95	12.10	13.90	26.00	28.50	0.80	19.30	20.84	28.30	18.10	18.33	19.57	19.96	2.50 P	
M24	-	-	35.00	36.00	39.55	14.10	15.90	30.00	33.00	0.80	23.30	24.70	33.30	21.75	22.00	23.57	23.96	3.00 P	



Table 2 Dimensional Parameters for Nuts

Nut Size	Dimensions (mm)					Thread Pitch Over Tap
	S		e	m		
	Min	Max		Min	Max	
M12	17.57	18.00	19.85	10.37	10.80	1.75
M16	23.16	24.00	26.17	14.90	15.50	2.00
M20	29.16	30.00	32.95	16.90	18.00	2.50
M24	35.00	36.00	39.55	20.20	21.50	3.00

Table 3 Dimensional Parameters Pack Washers

Pack Washer	Dimensions (mm)			
	D		d	
	Min	Max	Min	Max
M16	28.70	30.00	18.00	18.52
M20	36.20	37.00	22.00	22.70
M24	43.20	44.00	26.00	26.70

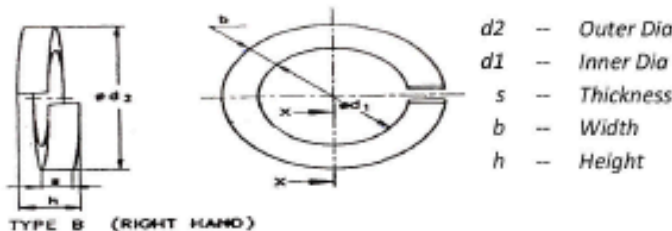


Table 4 Dimensional Parameters for Spring Washers

Spring Washer	Dimensions (mm)								
	d2	d1		s		b		h	
		Min	Max	Min	Max	Min	Max	Min	Max
M16	27.40	16.20	17.00	3.30	3.70	4.80	5.20	7.00	8.30



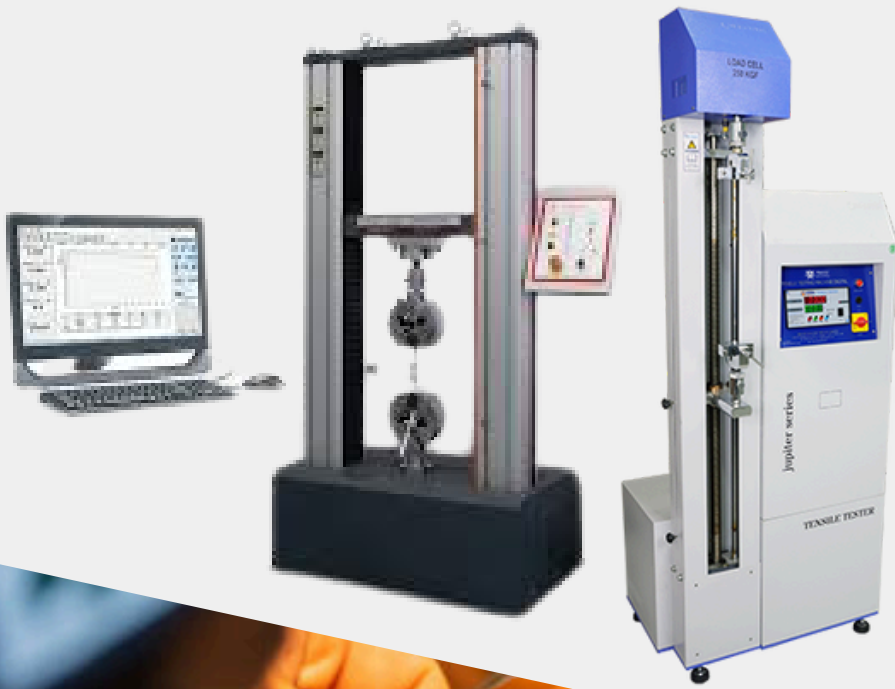


QUALITY



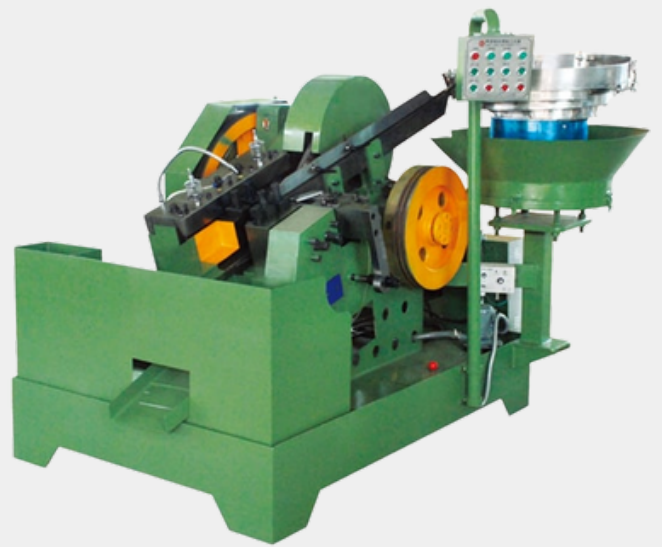
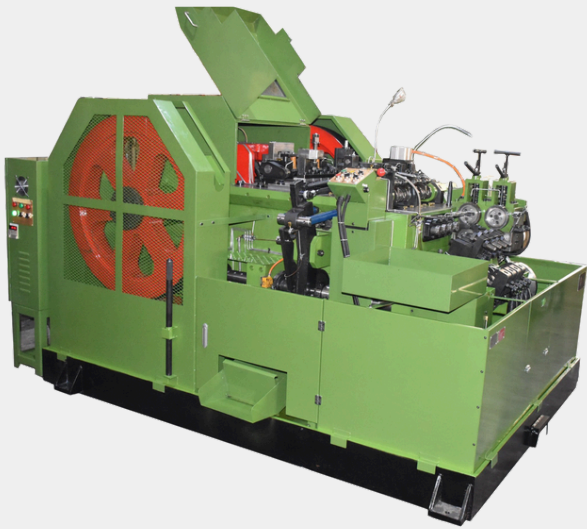


QUALITY





INFRASTRUCTURE







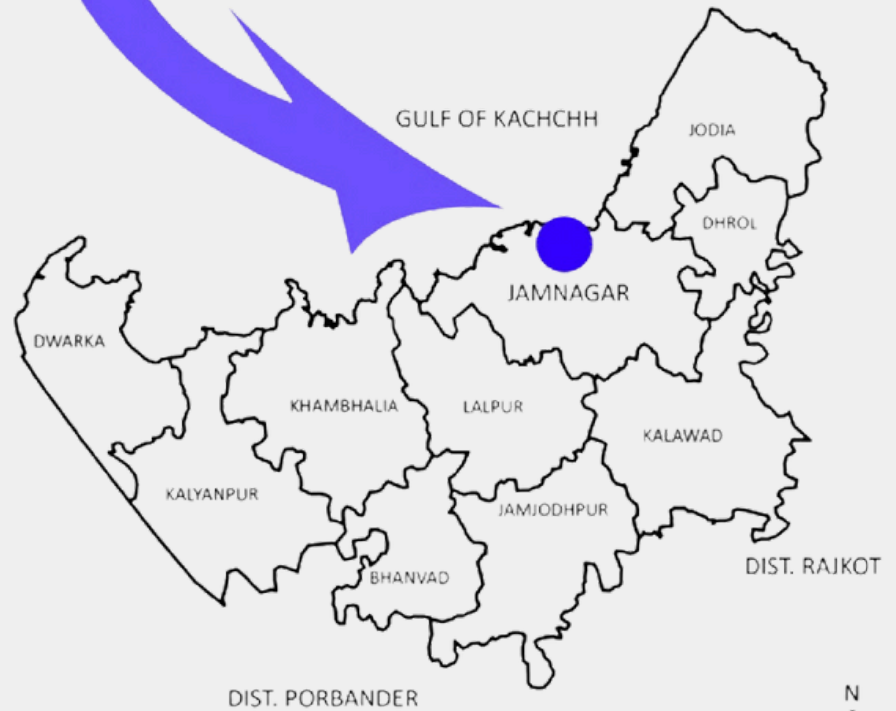
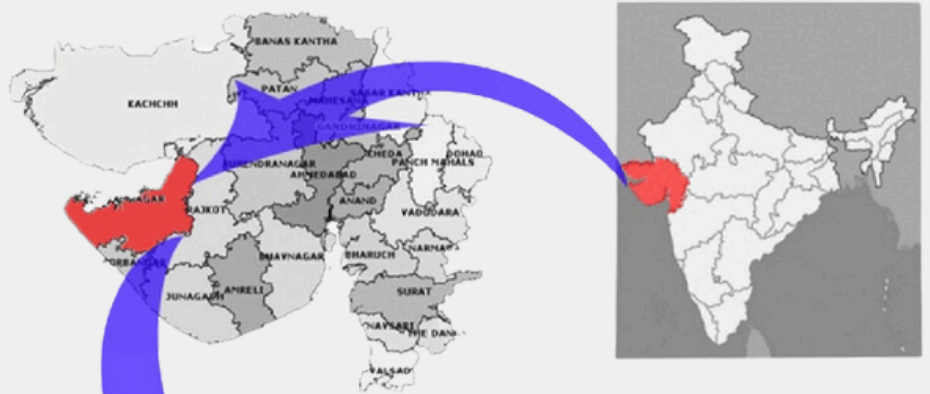
Contact

+91-9712896976

info@grfasteners.co.in

www.grfasteners.co.in

Jamnagar, Gujarat



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