

Stainless Steel Fasteners >>



Trust Us to **Fasten Better**



Fasteners Division



**Raajratna** Ventures Ltd.

AN ISO 9001:2015 Certified Company



## Company History & Profile

- » A company of Raajratna Group with turnover of USD 140 million per annum
- » Group is renowned for Stainless Steel Wires, Bright Bars, Welding Consumables and Coil / Strips since 1988. We have also diversified in Alluminium Extrusions, IT Services, Solar Modules & S S Tubes.
- » Started manufacturing quality stainless steel fasteners in 2005 as per International and Indian standards and since then it has been a glorified journey with a successful completion of 12 years
- » Export 70% of products to more than 25 countries located in European Union, USA, Middle East, Asia, Australia and South Africa, Turkey, Sri Lanka and many more...



Export Excellence Award Since 2007

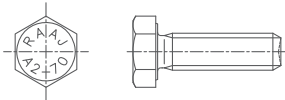
## Manufacturing : Our Core Competence

- » Large in-house **wire drawing** capacity to ensure the raw material quality and on-time delivery
- » Sophisticated multi station **bolt and nut - formers** to produce high-quality fasteners
- » **Skilled, young, and enthusiastic work force** to ensure with manufacturing international quality standards
- » In-house **engineering** department for tool design of new products
- » Stringent **line inspection** at each stage of production to reassure product quality with zero defects
- » Fully equipped **laboratory** for product certification as per the international standards
- » Finish stock of Fasteners for our domestic dealers and end users and a **speedy dispatch facility** with in 48-72 hours
- » Fully **computerized data processing** at all levels for planning, product traceability and customer service
- » Taking care of the environment, we have well equipped **effluent treatment plant** to make sure the water discharge is safe to dispose
- » Factory land is spread around **100000 M2** for future expansion & development



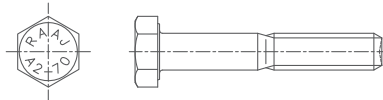
## Bolts

### DIN 933



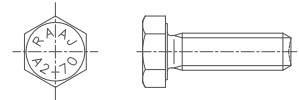
Standard	DIN 933/ISO 4017/IS 1364 (Part-1)
Grade	A2-70, A2-80, A4-70, A4-80
Size	M3 to M16
Length	10 MM to 150 MM

### DIN 931



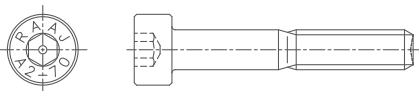
Standard	DIN 931/ISO 4014/IS 1364 (Part-2)
Grade	A2-70, A2-80, A4-70, A4-80
Size	M3 to M16
Length	10 MM to 150 MM

### BSW 1083



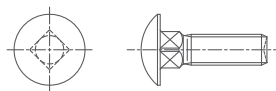
Standard	BSW 1083
Grade	A2-70, A4-70
Size	1/4" to 5/8"
Length	3/4" to 6"

### DIN 912



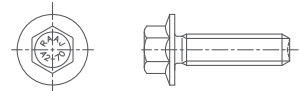
Standard	DIN 912/ISO 4762 (Half thread & Full thread)
Grade	A2-70, A4-70
Size	M4 to M16
Length	10 MM to 150 MM

### DIN 603



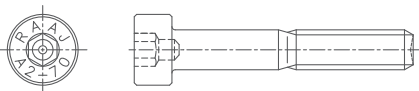
Standard	DIN 603 (Half thread & Full thread)
Grade	A2-70, A4-70
Size	M5 to M12
Length	10 MM to 150 MM

### DIN 6921



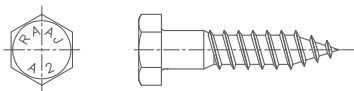
Standard	DIN 6921 (With / Without Serration)
Grade	A2-70
Size	M5 to M10
Length	10 MM to 150MM

### DIN 6912



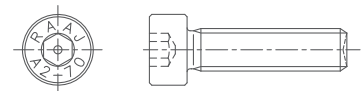
Standard	DIN 6912
Grade	A2-70
Size	M6 to M12
Length	10 MM to 150 MM

### DIN 571



Standard	DIN 571
Grade	A2-70
Size	M5 to M10
Length	10 MM to 150 MM

### DIN 7984

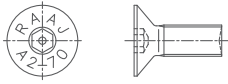


Standard	DIN 7984
Grade	A2-70
Size	M6 to M12
Length	10 MM to 150 MM



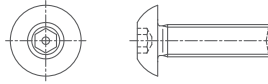
# Screws & Rivets

## ISO 10642



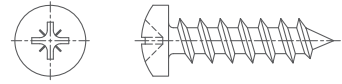
Standard	ISO 10642/DIN 7991 (Full thread)
Grade	A2-70, A4-70
Size	M4 to M16
Length	10 MM to 150 MM

## ISO 7380-1



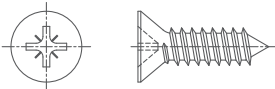
Standard	ISO 7380-1 (Full thread)
Grade	A2-70
Size	M4 to M10
Length	10 MM to 80 MM

## DIN 7981



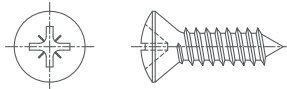
Standard	DIN 7981 (Phillip & Pozi)
Grade	A2, A4
Size	#2.9 to #6.3
Length	9.5 MM to 50 MM

## DIN 7982



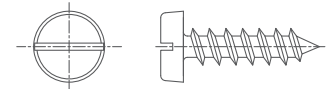
Standard	DIN 7982 (Phillip & Pozi)
Grade	A2, A4
Size	#2.9 to #6.3
Length	9.5 MM to 50 MM

## DIN 7983



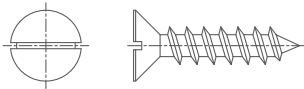
Standard	DIN 7983 (Phillip & Pozi)
Grade	A2, A4
Size	#2.9 to #6.3
Length	9.5 MM to 50 MM

## DIN 7971



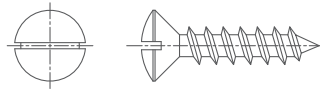
Standard	DIN 7971
Grade	A2
Size	#2.9 to #6.3
Length	9.5 MM to 50MM

## DIN 7972



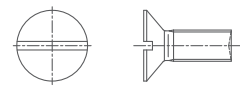
Standard	DIN 7972
Grade	A2
Size	#2.9 to #6.3
Length	9.5 MM to 50 MM

## DIN 7973



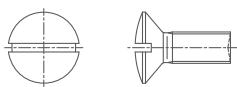
Standard	DIN 7973
Grade	A2
Size	#2.9 to #6.3
Length	9.5 MM to 50 MM

## DIN 963



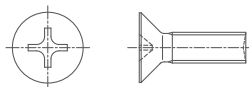
Standard	DIN 963
Grade	A2
Size	M3 to M6
Length	10 MM to 50 MM

## DIN 964



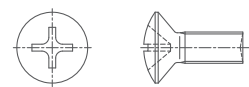
Standard	DIN 964
Grade	A2
Size	M3 to M6
Length	10 MM to 50 MM

## DIN 965



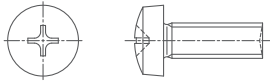
Standard	DIN 965
Grade	A2
Size	M3 to M6
Length	6 MM to 50 MM

## DIN 966



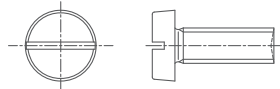
Standard	DIN 966
Grade	A2
Size	M3 to M6
Length	10 MM to 50MM

## DIN 7985



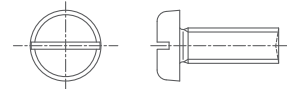
Standard	DIN 7985
Grade	A2
Size	M2.5 to M6
Length	6 MM to 50 MM

## DIN 84



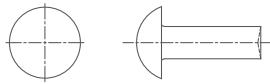
Standard	DIN 84
Grade	A2
Size	M3 to M6
Length	6 MM to 50 MM

## DIN 85



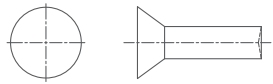
Standard	DIN 85
Grade	A2
Size	M3 to M6
Length	6 MM to 50MM

## DIN 660



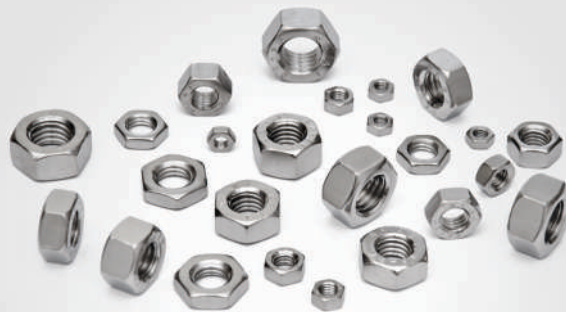
Standard	DIN 660
Grade	A2, A4
Size	M2 to M6
Length	6 MM to 50 MM

## DIN 661



Standard	DIN 661
Grade	A2, A4
Size	M2 to M6
Length	6 MM to 50 MM

- Customised Screw & Rivets are available on request.



## Nuts

## DIN 934



Standard	DIN 934 / ISO 4032 / IS 1364 (Part 3)
Grade	A2-70, A-280, A4-70, A4-80
Size	M3 to M16

## BSW 1083



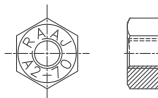
Standard	BSW 1083
Grade	A2-70, A4-70
Size	1/4" to 5/8"

## DIN 439



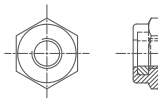
Standard	DIN 439 / Lock Nut
Grade	A2-70, A4-70
Size	M4 to M16

## UNI 5587



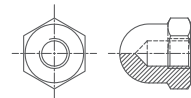
Standard	UNI 5587 / Thick Nut
Grade	A2-70, A4-70
Size	M4 to M16

## DIN 982



Standard	DIN 982
Grade	A2-70
Size	M4 to M16

## DIN 1587



Standard	DIN 1587
Grade	A2-70
Size	M5 to M12

- Customised Nuts are available on request.



## Threaded Rods / Studs / Studs

### DIN 976



Standard	DIN 976 (Type A & B)
Grade	A2-70, A2-80, A4-70, A4-80, B8 & B8M
Size	M2.5 to M24
Length	1000 MM to 5800 MM

### ANSI B1.1



Standard	ANSI B1.1
Grade	A2-70, A2-80, A4-70, A4-80
Size	1/4" to 1"
Length	3 FEET to 12 FEET

- Customised Threaded Rods / Studs are available on request.



## Wire Nails

Grade	AISI 304, AISI 316, Aluminum, Copper
Head Type	Full Round / Flat Head / CSK Head / Clouts Roofing Nails (Large Head) Lost Head / Bullet Head Nails / Lense Head / Decking Nails
Upper Surface	Chequered (Diamond) or Plain
End Point	Diamond Point / Blunt Point
Type of Shank	Smooth / Plain / Barbed / Annular / Ring / Screw / Helical
Shank Dia (Nail Dia.)	1.6 MM to 6.00MM [16 Gauge (0.0625") to 3 Gauge (0.2437")]
Length of Nails	20MM to 150MM (1" to 6")

- Customised Wire Nails are available on request.



## U-Bolts

### U-Bolts

Standard	U-Bolts
Grade	A2-70, A4-70
Size	M6
Length	50 MM to 150 MM

### U-Bolts

Standard	U-Bolts
Grade	A2-70, A4-70
Size	M8
Length	60 MM to 200 MM

### U-Bolts

Standard	U-Bolts
Grade	A2-70, A4-70
Size	M10
Length	70 MM to 250MM

### U-Bolts

Standard	U-Bolts
Grade	A2-70, A4-70
Size	M12
Length	80 MM to 250 MM

### U-Bolts

Standard	U-Bolts
Grade	A2-70, A4-70
Size	M16
Length	100 MM to 300 MM

- Customised U-Bolts are available on request.

### Notes :

- Special stainless steel grades & property class available on request
- We can develop product as per customer's specifications / drawing
- All austenitic stainless steel fasteners are normally non-magnetic; after cold working, some magnetic properties may be evident. (Ref : ISO 3506-1 standard)
- Material test certificate is provided as per the EN 10204 : 3.1B/3.1 standard
- We can also supply S. S. Fasteners with Gleitmo Coating on request.



## Technical Specifications

### Chemical Compositions :

Grade	Material Similar to	C max.	Mn max.	P max.	S max.	Si max.	Cr	Ni	Mo
A2 / B8	AISI 304	0.08	2.00	0.05	0.030	1.00	17.00 - 20.00	8.00 - 13.00	- - -
A4 / B8M	AISI 316	0.08	2.00	0.05	0.030	1.00	16.00 - 18.50	10.00 - 14.40	2.00 - 3.00

### Physical Properties :

Grade	Standard	Property Class	Tensile Strength Minimum (N/mm <sup>2</sup> )	Yield Strength 0.2% Offset Minimum (N/mm <sup>2</sup> )	Elongation After Fracture A <sub>L</sub> mm Minimum
A2 & A4	ISO 3506 (DIN 267 Part 11)	70	700	450	0.4d
		80	800	600	0.3d

Grade	Standard	Property Class	Diameter In (Inch)	Tensile Strength Minimum (KSI)	Yield Strength 0.2% Offset Minimum (KSI)	Elongation In 4D Minimum %	Reduction of Area Minimum %	Hardness Rockwell Maximum
B8	ASTM A193 / A 193M	Class 1	All	75	30	30	50	B96
		Class 2	To 3/4	125	100	12	35	C35
Over 3/4 to 1			115	80	15	35	C35	
B8M		Class 1	All	75	30	30	50	B96
		Class 2	To 3/4	110	96	15	45	C35
			Over 3/4 to 1	100	80	20	45	C35

### Torsional Strength as per ISO 3506-1 :

For Self Tapping Screws

Thread	ST 2.2	ST 2.6	ST 2.9	ST 3.3	ST 3.5	ST 3.9	ST 4.2	ST 4.8	ST 5.5	ST 6.3	ST 8
Min Torsional Strength Nm	0.45	0.90	1.5	2.0	2.7	3.4	4.4	6.3	10	13.6	30.5

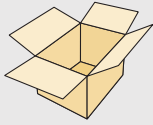
For Austenitic Bolts and Screws M1.6 to M16 (Coarse Thread)

Thread		M1.6	M2	M2.5	M3	M4	M5	M6	M8	M10	M12	M16
Min. Breaking Torque, M <sub>bmin.</sub> -Nm	Property Class 70	0.20	0.40	0.90	1.60	3.80	7.80	13	32	65	110	290
	Property Class 80	0.24	0.48	0.96	1.80	4.30	8.80	15	37	74	130	330

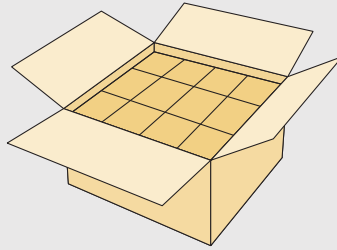


## Packaging

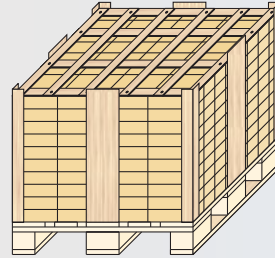
### For Bolts, Screws, Rivets, Nuts & Wire Nails



- » **Small Cardboard Box**  
Pcs per Box :  
25/50/100/200/500/1000



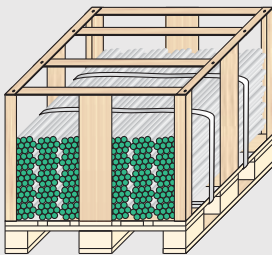
- » **Bulk / Carton Box :**  
Max. weight 25kgs.



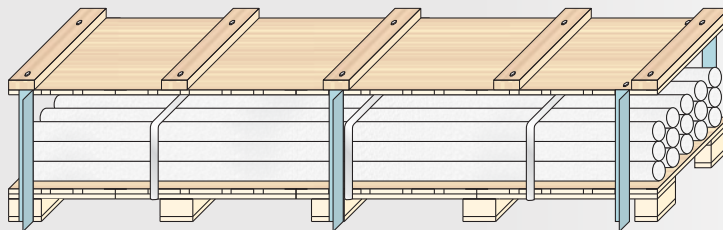
- » **Wooden Pallets :**  
Max. weight 800kgs.  
**Dimensions :**  
800 x 1200 x 750 mm max. (As per STD Euro Pallets)  
**Fumigation & Heat Treatment :**  
As per the ISPM-15 standard

### For Threaded Rods

- » In bundles / PE wrapped / strapped  
Max. weight 800kgs.  
**Dimensions :** As per threaded rods length



1 meter / 3 feet rods

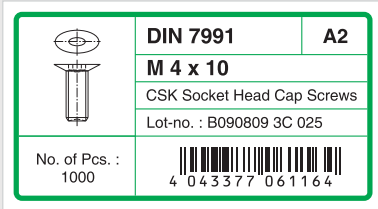


Above 1 meter / 3 feet rods

## Labels :

➤ Barcode / QR Code Labels

Standard Neutral Labels



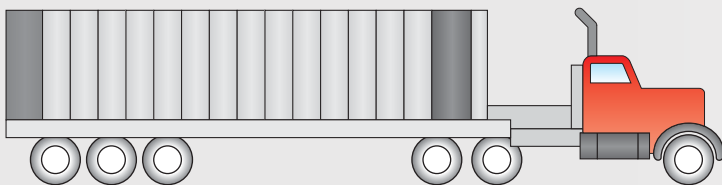
➤ Colour code : ● **A2**

Colour code : ● **A4**

- Customised packing and labelling is available on request.






















## Shipment :

- Container Stuffing (FCL) : Max. 33 pallets
- Less than Container (LCL) : Closed Wooden Boxes





## Export to Various Countries

 Australia	 Italy	 Sri Lanka
 Austria	 Norway	 Sweden
 Brazil	 Poland	 Turkey
 Czech Republic	 Portugal	 U.A.E.
 Denmark	 Slovakia	 United Kingdom
 Finland	 South Africa	 and many more...
 France	 South Korea	 and many more...
 Germany	 Spain	



**RAAJRATNA VENTURES LIMITED  
(FASTENERS DIVISON)**

**HEAD OFFICE:** 1008, SUKHSAGAR COMPLEX, NR. FORTUNE LANDMARK HOTEL, USMANPURA, ASHRAM ROAD, AHMEDABAD – 380 014, GUJARAT, INDIA.  
**WORKS:** SURVEY NO.69/2, VILLAGE CHANDARDA, AHMEDABAD-MEHSANA HIGHWAY, TALUKA- KADI, DIST. MEHSANA – 382 715, GUJARAT, INDIA.

*Bureau Veritas (India) Pvt. Ltd. (Certification Business) certify that the Management System of the above organisation has been audited and found to be in accordance with the requirements of the management system standards detailed below.*

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Standard  
**ISO 9001:2015**

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Scope of certification

**HEAD OFFICE: SALES OF STAINLESS STEEL FASTENERS AND THREADED BARS**  
**WORKS: MANUFACTURING AND DISPATCH OF STAINLESS STEEL FASTENERS AND THREADED BARS**

Original cycle start date: **22 April 2006**  
 Expiry date of previous cycle: **21 April 2018**  
 Recertification Audit date: **13 April 2018**  
 Recertification cycle start date: **20 April 2018**

Subject to the continued satisfactory operation of the organization's Management System, this certificate expires on: **21 April 2021**

Certificate No: **IND18.7230NIQ** Version : 1 Revision date: **20 April 2018**

  
Certification Authority  
**Ramesh KOREGAVE**  
 Director, CERTIFICATION  
 South Asia Region

  
QM 003

Local office: Bureau Veritas (India) Private Limited (Certification Business)  
 72 Business Park, Manor Industrial Area, MIDC Cross Road "C", Andher East, Mumbai - 400 083, India.

Further clarifications regarding the scope of this certificate and the applicability of the management system requirements may be obtained by consulting the organization. To check this certificate validity please call +91 22 6274 2006.



S S Fasteners • S S Tubes • Solar Manufacturing Plant



# Raajratna Ventures Ltd.

AN ISO 9001:2015 Certified Company

**Manufacturer & Exporter of Stainless Steel Fasteners**

**OFFICE :**

1402, 14th Floor, Phoenix, Near Honest Restaurant, Vijay Cross Roads to Commerce Six Roads,  
Navrangpura, Ahmedabad - 380009, Gujarat, India ☎ +91-79-2756 1915/16/17/18

**WORKS :**

Survey No. 69/2, Village : Chandarda, Opp. Madhu Textile, Ahmedabad-Mehsana Highway, Taluka : Kadi, Dist. : Mehsana, Gujarat, India

✉ **For Exports :** sales@raajfasteners.com / **For Domestic :** domestic@raajfasteners.com 🌐 www.raajfasteners.com

