

Kanika Exports

An ISO Certified Co.



Kanika Exports

Corporate Office : 77-A, Industrial Estate, Ludhiana - 141003 (Punjab) INDIA

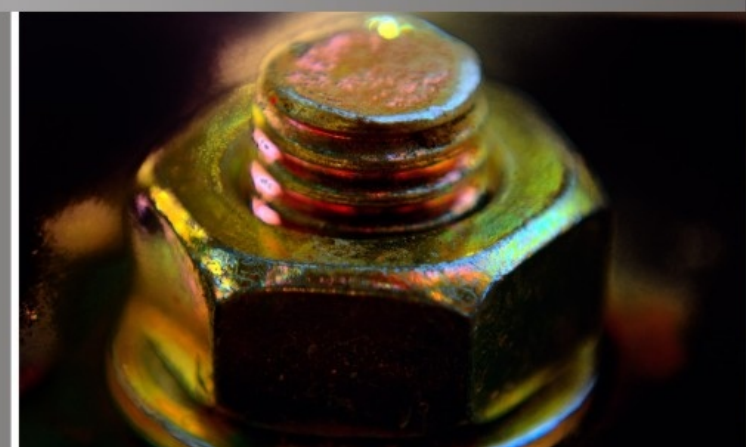
Factory Office : E-115, Phase - IV, Focal Point, Ludhiana - 141010 (Punjab) INDIA

Telefax : +91-161-4411027

Mobile : +91-98721-00027


E-mail : kanikatools@gmail.com

Website : www.kanikaexports.com
www.allthreadedrods.com






Message from Chairman & Managing Director

During four decades of existence, Kanika Group of Companies () has grown into a leading business house having diversified business interests in a range of basic and value added products viz., DRI, Pig Iron, Billets, HR Coils, CR Coils, GP/GC Sheets, Galvanised / Colour Coated Profiles, Precision Tubes, Black Pipe / GI Pipe, Cable Tapes, Tor Steel and Special Alloy Steel Round Bars, RCS, Hexagons, Wire Rods and Bright Bars

Kanika is reckoned as a leading fully integrated Fastener Company with State of the Art manufacturing plants at in Ludhiana.

Kanika have enjoyed prime position in its market segment due to its leadership in manufacturing technology via-a-vis product quality that had established acceptability of its products amongst customers in all over world. Due to this quality leadership () have been able to develop and supply various products including the niche products for specific customers and specific applications.

This however does not make us complacent. Our zeal to be ahead of competition through technological up gradation for process improvements, maintaining and advancing our quality leadership, development and introduction of improved and value added products and continuously improving our service to our esteemed customers would be the driving forces for our future developments and growth. I look forward

to long and mutually beneficial associations with our valued customers in this journey.

Our mission would always be :

- To become one of the largest and the best quality producer of Fasteners in the world.
- To be the most preferred supplier of Speciality Fastener to Global Brand Leaders and become an inseparable part of our customers' existence and growth through reliability, excellence in quality and service.
- 'Team Kanika' would be passionate about business leadership, would thrive always to be ahead of competition and in establishing best practices.
- We shall consider our associated as long term partners in progress, be fair and transparent in our dealings with them and always honour our commitments.

It will be my pleasure to serve you better !!!

BHARAT BANSAL

Chairman & Managing Director

"The First who innovates has the reins of the game in his hands...."

Threaded Rod



Product Range

Brand Fully Threaded Rods & Studs are made both in mild steel and high tensile materials to DIN 975, DIN 976 - Form A and B.

The Threads

- Metric • Metric Fine •BSW •BSF •UNC •UNF

We also have the facility to undertake

- Trapezoidal • Acme threading • Unconventional threads / fast moving threads to customer's specification.

Finish

Plain, Electro-Zinc Plated, Stainless Steel & Hot Dip galvanized

Features

- All Thread Rod manufactured by Kanika Exports meets the minimum physical requirements of (ASTMA36 & A307)
- 1/4" to 1" ATR is produced from 1006 / 1008 / 1010 steel. (Low Carbon Steels)
- All Zinc Threaded Rod is plated according to (ASTM B633) & meets the specification of FeZn 8 FC2 - type III
- All Hot Dip Galvanized is manufactured in accordance to (ASTMA153)

NOTES :

1. ROD ENDS TO BE DEBURRED
2. UNC - 2A THREAD
3. MATERIAL REQUIREMENTS
LOW CARBON STEEL MATERIAL PER ES-136
- TENSILE STRENGTH - 58,000 PSI MIN
- YIELD STRENGTH - 36,000 PSI MIN
4. ENSURE PRODUCT MEETS LOAD REQUIREMENTS PER ES1182.

Size Range

DIA	SELF COLOUR	ZINC PLATED	HOT DIP GALV
M 6	-	-	-
M 8	-	-	-
M 10	-	-	-
M 12	-	-	-
M 14	-	-	-
M 16	-	-	-
M 18	-	-	-
M 20	-	-	-
M 22	-	-	-
M 24	-	-	-
M 27	-	-	-
M 30	-	-	-
M 33	-	-	-
M 38	-	-	-
M 39	-	-	-
M 42	-	-	-
M 46	-	-	-
M 48	-	-	-
M 52	-	-	-
M 56	-	-	-
M 64	-	-	-

All the above dimensions are available in inch sizes to British and American Specifications.
THE LENGTHS : The above mentioned threaded rods are available in 1, 2 & 3 meter lengths

Unc Thread

SIZE	PIECES PER TUBE
1/4" - 20	50
5/16" - 18	35
3/8" - 16	25
7/16" - 14	17
1/2" - 13	12
9/16" - 12	10
5/8" - 11	8
3/4" - 10	5
7/8" - 9	4
1" - 8	2
1 1/8" - 7	1
1 1/4" - 7	1
1 3/8" - 6	1
1 1/2" - 6	1
1 3/4" - 5	1
2" - 4 1/2	1

STOCK LENGTHS : 6', 10', 12'

Bolts



Materials

- MILD STEEL
- HIGH CARBON STEEL
- ALLOY STEEL
- BRASS
- STAINLESS STEEL

The Finish

- Self Color
- Black Phosphated
- Zinc plate (white, yellow & black)
- Cr3 Zinc
- Hot Dip Galvanized
- Chrome plated
- Powder Coated finishes.

TYPE	4.6 / 4.8	5.6 / 5.8	6.8	8.8	4.6 / 4.8
Hex Bolts					
DIN 601 / 558	•	•	•		
DIN 931 / 933	•	•	•	•	•
ISO 4014 / 15	•	•	•	•	•
ISO 4017 / 18	•	•	•	•	•
Cup Square Bolts					
DIN 603	•	•	•	•	
BS4933	•	•			
Square Square Bolt					
BS4933	•			•	
Structural bolts					
DIN 7990	•	•	•	•	
High Strength Friction Grip Bolts					
DIN 6914				•	•
ANSI B 18.2.3.7 M				•	•
Nib Bolts	•	•	•	•	
Elyptical Bolts	•	•	•	•	
Round Head Bolts	•	•	•	•	
Bolts Blanks	•	•	•	•	

Diameter	Cold Forging	Hot Forging	Diameter	Cold Forging	Hot Forging
M 6	10-160		M 30		70-1500
M 8	10-160		M 33		70-1500
M 10	20-160	30-600	M 36		100-1500
M 12	25-160	40-600	M 39		100-1500
M 14	25-160	40-600	M 42		100-1500
M 16	30-160	40-1500	M 45		100-1500
M 18	30-160	40-1500	M 48		100-1500
M 20	35-150	60-1500	M 52		100-1500
M 22	50-160	60-1500	M 56		100-600
M 24		60-1500	M 64		100-600
M 27		60-1500	M 75		100-600

U / L / Eye Bolts



All the above products can be supplied in mild steel or alloy steels to customer specification for high tensile applications all these products can be supplied with the appropriate heat treatment.

Brand `U' Bolts are available in Full Round, Half Round and Square profiles. They are used in various applications like pipe clamping, foundation support, installations and automotive support systems.

`L'-Bolts : Brand `L' Bolts are available in various diameters, lengths and bends used mostly for foundation purposes.

Eye-Bolts & Hooks : Brand `Eye' Bolts and Hooks have a generalized hardware application.

- We offer** :
1. Forged Eye Bolts-for load bearing applications
 2. Bent Eye Bolts (Open/Closed Welded)- for hardware applications.

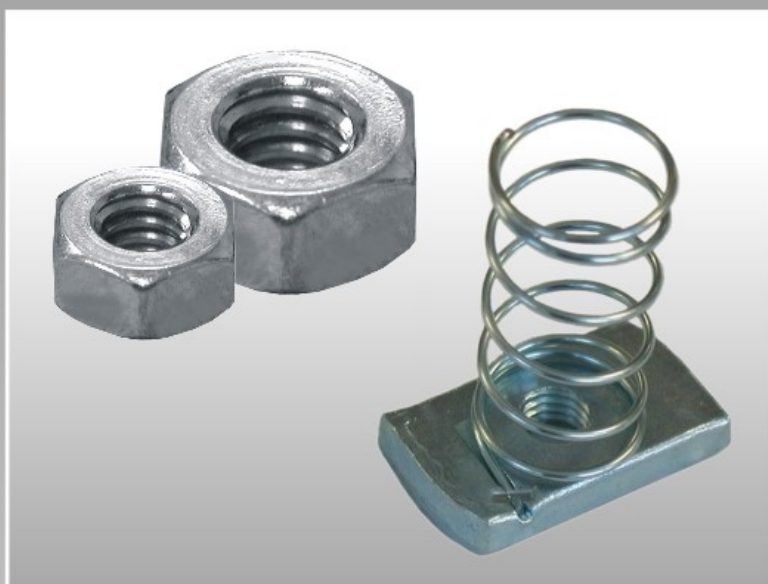
The Process : The above mentioned products are made by both Cold and Hot Bending / Forging processes. Special care is taken to reduce/eliminate stress pockets created during the bending procedure.

The Dimensions : `L' and `U' Bolts are available in diameters M6 to M48 (and corresponding inch sizes upto 2")

`Eye' Bolts and hooks are available in diameters M6 to M36 (and corresponding inch sizes upto 1.1/2").

TYPE	SIZE	GRADE	FINISH		
			Black	EZP	HDG
U BOLTS					
Pipe Clamping	M6 - M24	4.6 / 4.8 / 5.6 / 5.8	•	•	•
Foundations	M12 - M48	4.6 / 4.8 / 8.8	•	•	•
Suspension & Tailer Parts	M12 - M36	4.6 / 4.8 / 8.8	•	•	•
L BOLTS					
Foundations	M12 - M48	4.6 / 4.8 / 8.8	•	•	•
Small Fixings	M6 - M24	4.6 / 4.8	•	•	•
EYE BOLTS/HOOKS					
Fixings	M6 - M36	4.6 / 4.8 / 8.8	•	•	•

Nuts



(NUT) Kanika manufactures a comprehensive range of nuts using both hot forging, cold forming and bar turning and milling process.

Our regular production included the following specifications :

- ISO • DIN • BS • AS
- ANSI • NEN • JIS

We also manufacture special application / profile nuts to customer's requirements and specifications.

Our standard size range of nuts are available from diameter **M 6** to **M 100** and also in corresponding Inch sizes Diameters **1/4"** to **4"**.

Size Range

TYPE	RANGE (METRIC)	GRADE	RANGE (INCH)	CLASS
Hex / Square Nuts	M6 - M100	4, 5, 6, 8, 10	1/4" - 4	2, 5, 8
Round / Rect. Nuts	M6 - M100	4, 5, 6, 8, 10	1/4" - 4	2, 5, 8
Nylon Insert Nuts	M8 - M64	6, 8, 10	3/8" - 2.1/2"	2, 5, 8
Heavy Hex Nuts	M12 - M100	8, 10	1/2" - 4"	5, 8
H.S.F.G. Nuts	M12 - 48	8, 10	1/2" - 4"	5, 8
Castle / Slotted Nuts	M8 - M100	5, 8, 10	3/8" - 4"	2, 5, 8
Flanged Nuts	M16 - M64	6, 8, 10	5/8" - 2.1/2"	2, 5, 8
Jam Nuts	M12 - M64	6, 8, 10	1/2" - 2.1/2"	2, 5, 8
2H Nuts	M12 - M64	6, 8, 10	1/2" - 2.1/2"	2, 5, 8
Coupling Nuts	M6 - M64	5, 6, 8, 10	1/4" - 2.1/2"	2, 5, 8
T Nuts	M12 - M30	8, 10	1/2" - 1.1/4"	2, 5, 8
Spring Nuts	M6 - M24	6, 8, 10	1/4" - 1"	2, 5, 8
Nut Blanks	M12 - M100	6, 8, 10	1/2" - 4"	2, 5, 8

Surface Treatments



Standard Finishes Offered

- Plain - Natural Finish • Black Phosphating
- Electro Zinc Plating-White and Yellow • Hexavalant Chromium Free Zinc
- Hot Dip Galvanizing • Chrome Plated • Power Coating

New Eco-Friendly Finishes

12 - Blu Electroplating, the new generation high performance, thermally stable chloride zinc plating process.

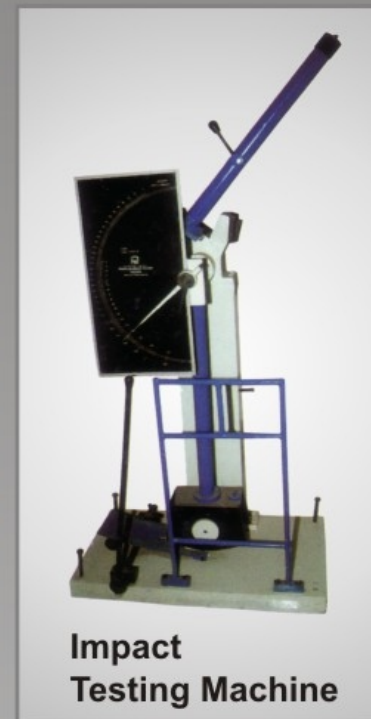
G - Blue Passivation, the clear blue chromate passivation process based on trivalent chromium and designed to provide two or three times better corrosion resistance as compared to conventional hexavalent chromium based chromate process.

Features

- Provides a High Corrosion Resistance
- Passivation based on **TRIVALENT CHROMIUM / NO HEXAVALENT CHROMIUM**
- Totally Cyanide free
- G-Blu 200 Passivation : Salt Spray Life 20-25 hours.
- G-Blue 1600 Passivation : Salt Spray life 50-60 hours.

eGo-Seal, the additional process done on the G-Blu 200 and 1600 plating. This process is done additionally after the electroplating and passivation to give a further enhanced finish life. This is a new generation high performance, thermally stable liquid dip which provides **up to 100 hrs of salt spray life** over both Trivalent and Hexavalent plating.

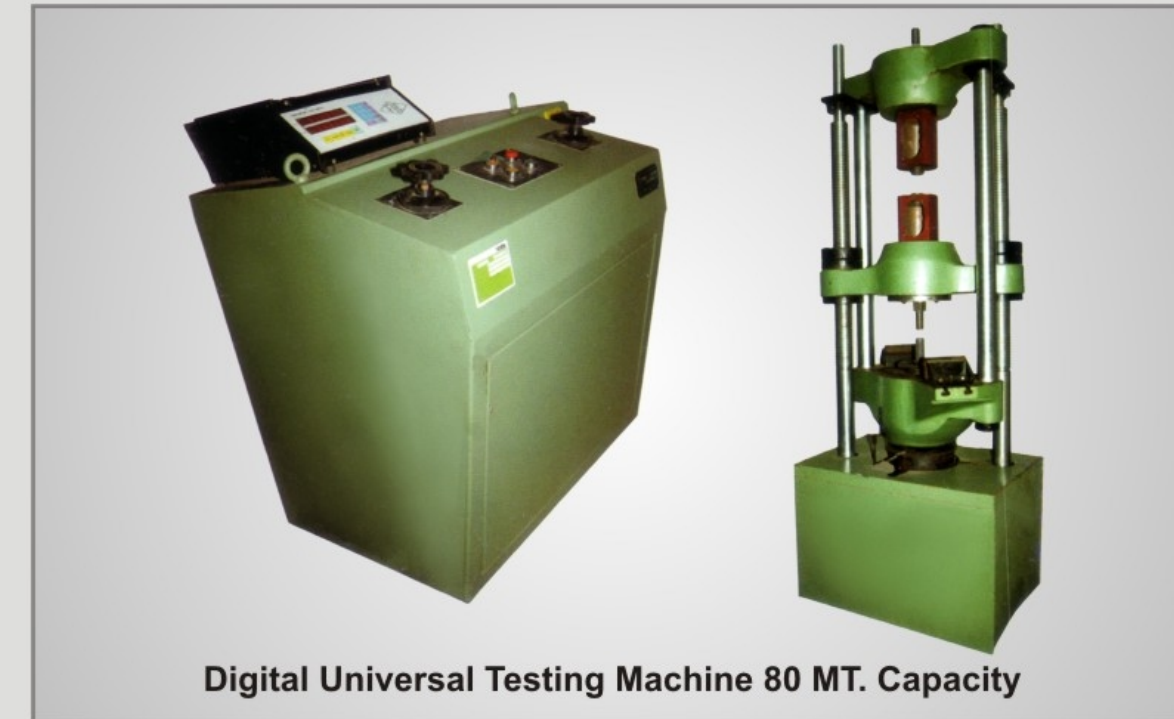
Research & Development



Impact Testing Machine



Hardness Testing Machine



Digital Universal Testing Machine 80 MT. Capacity

Research and Development

We are equipped with a full fledged research and development department that facilitate us in providing precision engineered range of fasteners as per the latest advancements in the industry and specific requirement of our clients. Based on the intensive research and analysis of our R & D personnel, we are capable fo designing dimensionally accurate range of fasteners.