



www.avtfastners.com

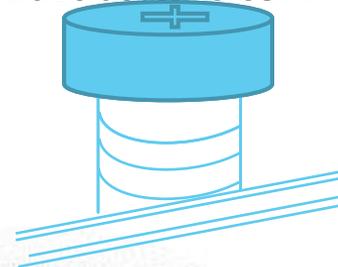
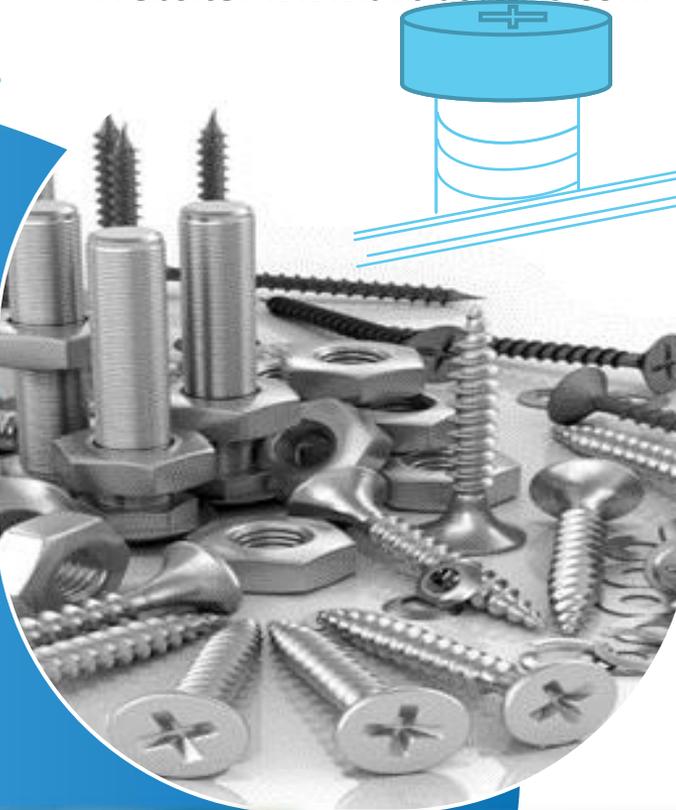
# AVT FASTNERS

Ph No:-7-900-900-106

Plot No -16 Old IDC Hissar Road Rohtak 124001

Email ID- info@avtfastners.com

Website:-www.avtfastners.com





**BS SHAKTI STEEL  
PVT. LTD.**  
An ISO 9001:2015 Certified Company

## Drawn Wire and ROD

- Company Name :-BS SHAKTI STEEL PVT.LTD.
- Location :-5 K.M. Stone, Sampla -Beri Road, Village Ismaila, P.O. Kultana, Distt. Rohtak,
- Total Area :- 170000square feet
- Number Of Employee :- 500
- ISO 9001:2015 and ISO 14001:2015 Certified



## Fasteners

- Company Name :- AVT FASTNERS
- Location :- Rohtak Haryana (Old IDC Plot NO -16 )
- Total Area :- 9200 square feet
- Number Of Employee :- 50
- ISO 9001:2015 and ISO 14001:2015 Certified

**Suzu<sup>®</sup>**  
An ISO 9001:2015 Certified Company |  |  Certified

## Locks Hinges Screws Door Hardware

- Company Name :- SUZU
- Location 110 I.D.C. Hissar Road, Rohtak - 12400
- Total Area :- 72000 square Feet 8 plot
- Number Of Employee :- 250
- ISO 9001:2015, BSI , CE

# Introduction

We "AVT FASTNERS" are serving our esteemed customers. We would like to introduce ourselves as pioneer in Stainless Steel & Mild Steel Fasteners and manufacturer of Cold Forged / Turned Components ,Our remarkable journey to the forefront of fasteners business is a achieved out of a vision to be rated alongside the best in the India. We are expanding our vision to conquer new horizons. We at strive to be distinct in our efforts to provide complete solution for stainless steel and Mild Steel fasteners that are innovative and best.



# Factory Detail

- ▶ **Company Name :-** AVT FASTNERS
- ▶ **Location :-** Rohtak Haryana (Old IDC Plot NO -16 )
- ▶ **Total Area :-** 9200 square feet
- ▶ **Number Of Employee :-** 50
- ▶ **AVT Turnover:-**70 Million INR
- ▶ **Group Companies Total Turnover :-**2000 Million INR
- ▶ **ISO 9001:2015 and ISO 14001:2015 Certified**
- ▶ **GST Number:-**06ABNFA2002J1ZS



**HUBER+SUHNER**

**LS** Cable & System

**Rosenberger**

**CSC**  
CSE India Pvt. Ltd.

# Vision and Quality Policy



Mfg. Of Stainless steel and Metal sheet Fasteners

## QUALITY POLICY

**Q** "To Provide Quality Product On Time , Every Time "

- We ,at AVT FASTNERS Committed to achieve Total Customer Satisfaction through adherence to quality system, continual improvement in our production system and process through innovation.
- This Commitment is shared by all our employees and is an integral part of the fundamental value system of our company for delivering timely , cost effective and quality products and services.
- AVT FASTNERS relies upon the strength of it's employees to achieve these quality requirements, encouraging employee involvement and teamwork in a positive work environment

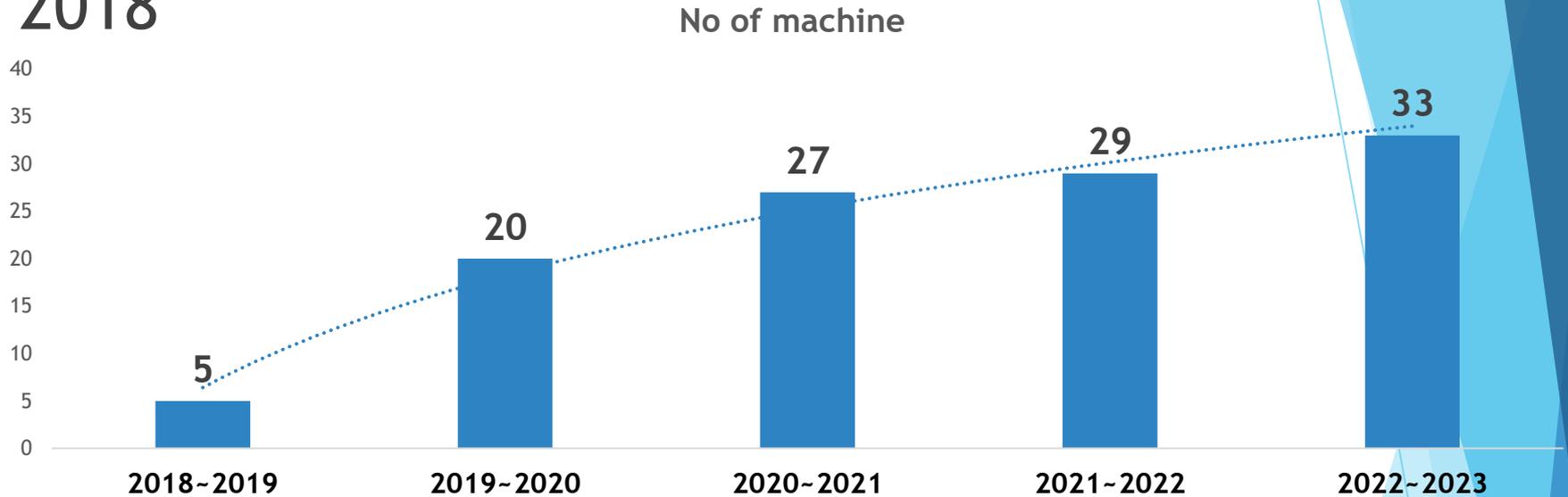
8<sup>th</sup> August 2020



**VISION**

# Journey

We AVT FASTNER Started our journey since September 2018



## PER DAY CAPACITY (8Hrs Shift Per Size )

S/N	Process Type	Capacity (PCE)	Capacity (PCE) MS	Size
1	Header (1 ~3)	105000	105000	M2~M3
2	Header (4~5))	60000	60000	M4 & M5
3	Header (6~8)	75000	75000	M6 ~M10
4	Bolt Maker (1~3)	100000	150000	M3~M8
5	Nut Former (1~2)	60000	60000	M6~M14

### Manufacturing Machine and Equipment

Item Name	Capacity	No of Unit
Header	M2~M10	8
Rolling	M2~M12	8
Bolt maker	M3~M8	3
Nutformer	M6~M14	2
Tapping	M6~M14	3
Round Rolling	M6~M18	2
Slotter	M3~M6	2
BT-Cutter	M3~M5	1
Traub	M5~M20	1
Washer assembly	M3 & M8	2
Wire Cutter	M10~M12	1
Triming	M4~M8	1
Surface M/C	L-350mm Height -200mm	1
Lathe M/C	L-1000mm OD-350	2
Grinder	NA	2
Nut Screwing	M8~M14	2
Bench Cutter	Thickness 30mm	1
BUFFING GRINDER	NA	2
Press Machine	100 Ton	1
Cylindrical Grinding	600 mm	1

### Quality Tools & Equipment

SST (Salt Spray Test)
Rockwell Hardness Tester
Profile Projector
Height Gauge
Vernier Caliper
Ring Gauge
WCP
Plug Gauge
Surface Grinder for Hardness Test
Coating Thickness Meter
UTM Machine



# FACTORY TOUR



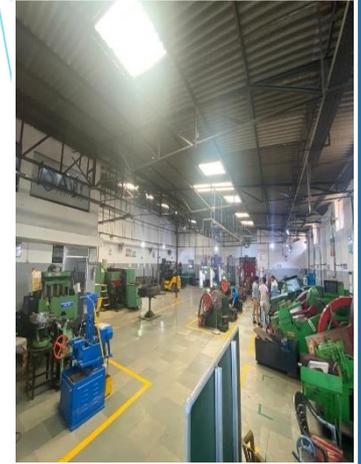
**AVT FASTNERS**

Plot No -16 Old IDC Hissar Road Rohtak  
124001

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## Shop Floor



# Ware Housing

Raw  
Material



FG  
Store



# Visual & Packing

Packing



Weighing Machine



Sealing



Box Packing



Strapping



Visual



Air pressure



Visual Sorting

# Cleaning

Cleaning  
Barrel



Wood  
Buffing





Quality Room



Hardness Tester



UTM



SST Chamber



Height Gauge Surface Table



Profile Projector

# FACTORY TOUR

**FORGING**



**FORGING**



**FORGING**



**FORGING**



**ROLLING**



**ROLLING**



**ROLLING**



**ROLLING**



# FACTORY TOUR

TRIMMING



R-ROLLING



CUTTING



NUT FORMER



TAPPING



SLOTTER



BT-CUT



TRAUB



BOLT MAKER



## Common Fastener Types



**Hex bolts, or hex cop screws, are used in machinery and construction. Can be used with a nut, or in a tapped hole. Fully threaded hex bolts are also known as top bolts.**



**Wood screws have large threads and a smooth shank for pulling two pieces of material together. They can be used in wood and other soft materials.**



**Sheet metal screws have sharp points and threads, and are designed to be driven directly into sheet metal. They can also be used in softer materials like plastic, fiberglass, or wood.**



**Machine screws are fully treaded for use with a nut or in a tapped hole. Certain types are sometimes referred to as stove bolts.**



**Socket screws are machine screws with an internal hex socket (Allen) drive. Longer lengths may have a smooth shank.**



**Lag bolts, or log screws, are large wood screws with hex heads. Typically used for wood construction and landscaping.**



**Carriage bolts have smooth, domed heads with a square section underneath that pulls into the material to prevent spinning during installation.**

# Screw Head & Punch Drive Type

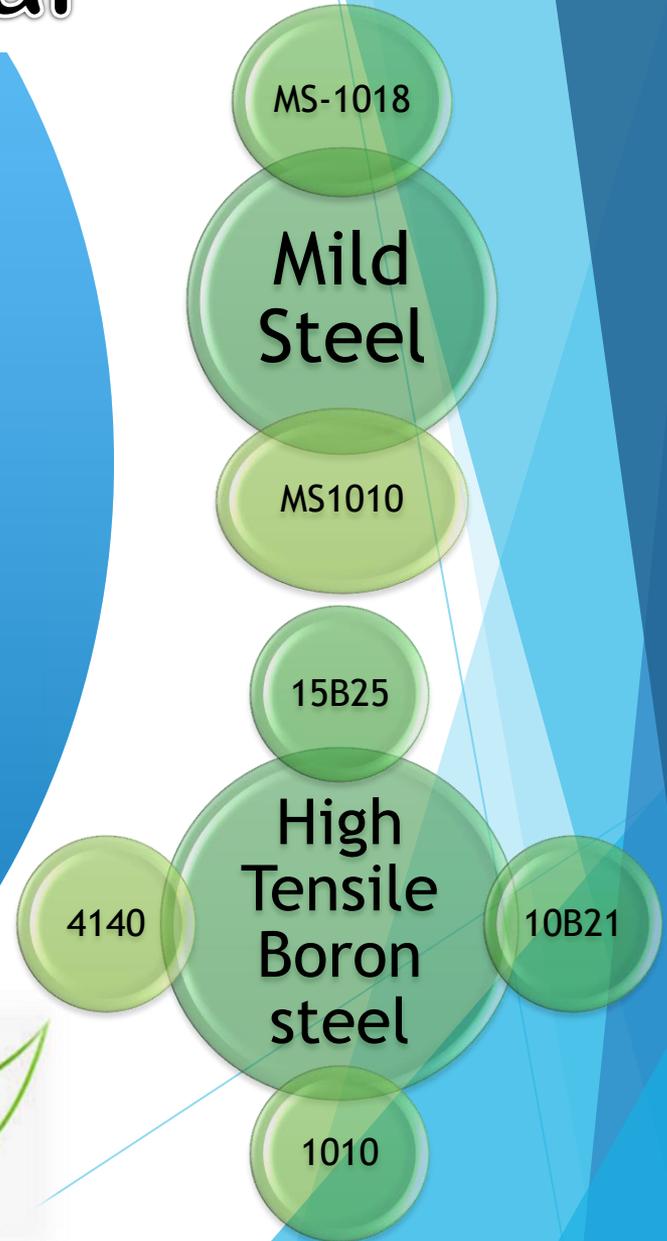
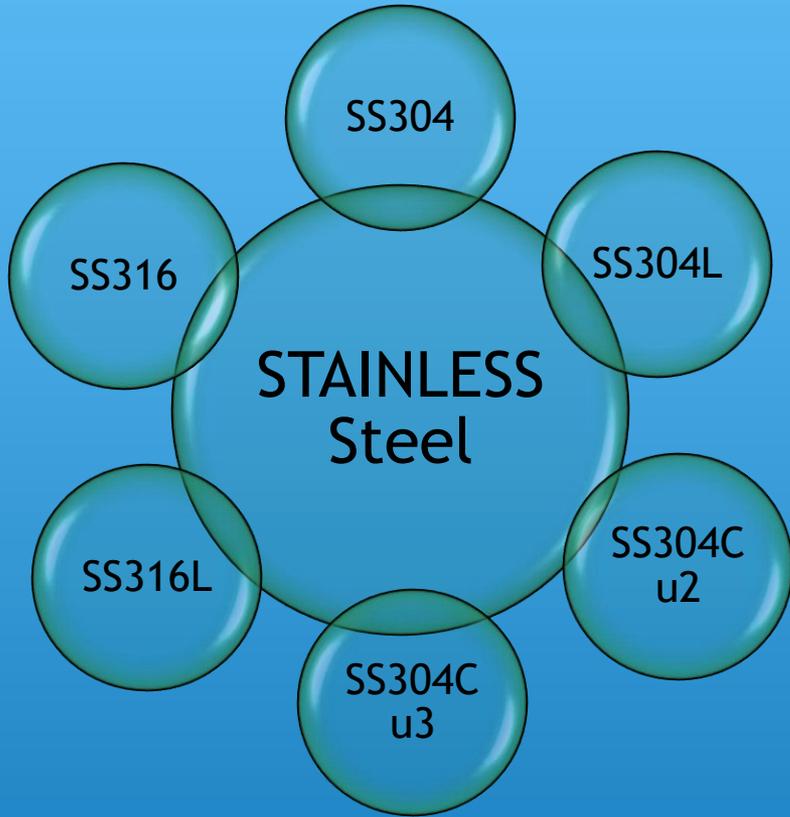
## HEAD SYLTLES

 <b>Binding</b> - undercut unless otherwise specified (not recommended form Phillips recess)	 <b>Fillister</b> - Deep slot used for counter bored holes	 <b>Flat Fillister</b> - same as standard fillister without oval top	 <b>Flat 82±</b> - used where flush surface is desired	 <b>Flat 100±</b> - larger head than 82° used for thin metal soft plastic
 <b>Flat Trim</b> - same as 82± except diameter and countersink depth reduced	 <b>Flat Undercut</b> - standard 82± with lower 1/3 countersink removed for shorter screws	 <b>Hexagon</b> - manufactured as trim hex or indented hex	 <b>Hex Washer</b> - same as hexagon with washer section	 <b>Oval</b> - same as flat head with rounded surface for appearance
 <b>Oval Undercut</b> - similar to flat undercut with rounded surface	 <b>Oval Trim</b> - same as oval - smaller diameter and countesink	 <b>Pan</b> - recommended to replace round; truss binder	 <b>Round</b> - general purpose (see pan head)	 <b>Round Countersunk</b> - bolts only - similar to flat head with no driving recess
 <b>Round Washer</b> - same as round head with integral washer for bearing surface	 <b>Square</b> - bolts only - large bearing surface for wrench tightening	 <b>Square Countersunk</b> - for use on plow bolts	 <b>Square (Set Screw)</b> - recommended for high torque assembly	 <b>Truss</b> - similar to round head with larger diameter (see pan head)

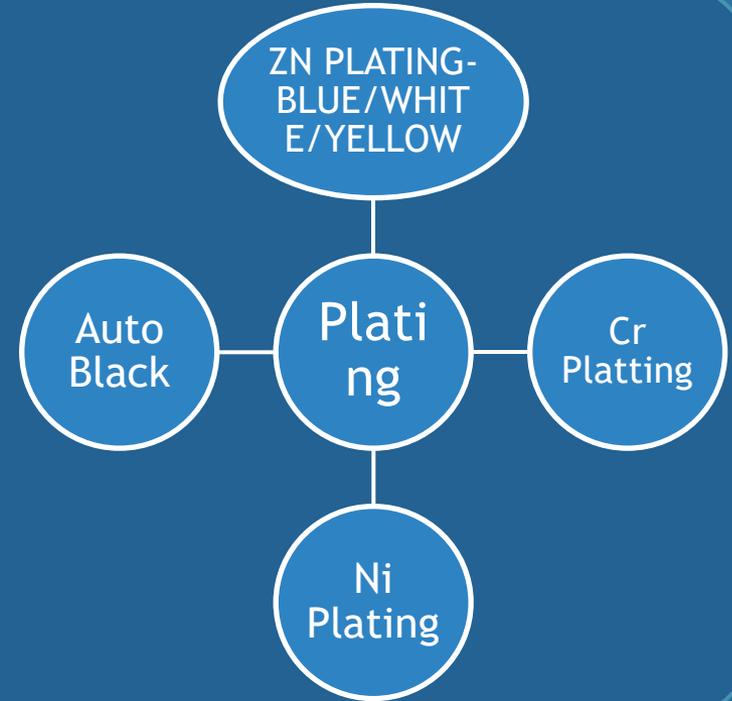
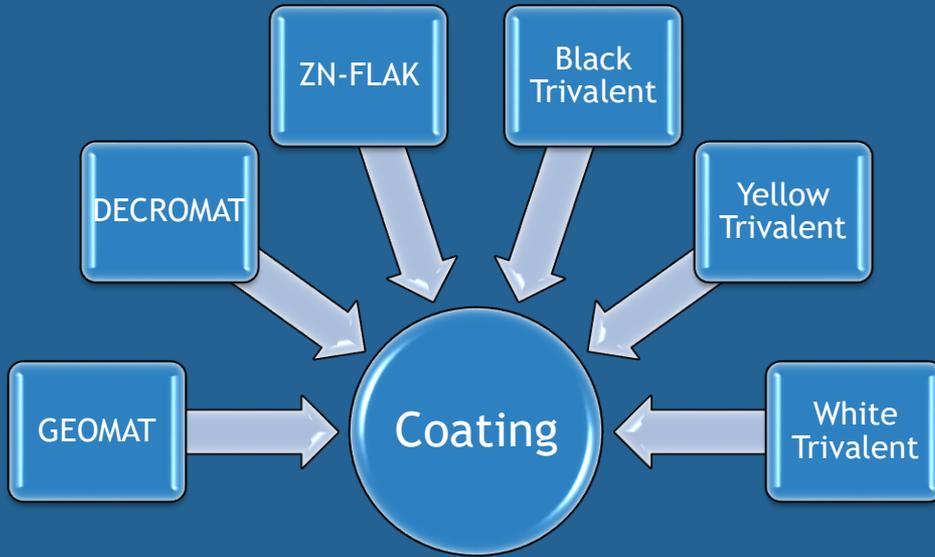
## PUNCH/DRIVE

 <b>PHILLIPS</b>	 <b>SLOTTED</b>	 <b>PHILLIPS /SLOT</b>	 <b>SIX-LOBE</b>	 <b>SIX-LOBE TAMPER</b>	 <b>SIX-LOBE /SLOT.</b>	 <b>SIX-LOBE PLUS</b>
 <b>POZIDRIV</b>	 <b>SQUARE</b>	 <b>SQUARE /SLOT.</b>	 <b>PHILLIPS /SQUARE</b>	 <b>TRIANGLE</b>	 <b>V</b>	 <b>LH</b>
 <b>Y-TYPE</b>	 <b>TRI-WING</b>	 <b>SIX-LOBE</b>	 <b>H-TYPE</b>	 <b>HEXAGON</b>	 <b>5-POINT</b>	 <b>S-TYPE</b>
 <b>8-POINT</b>	 <b>SPLINE</b>	 <b>SPANNER</b>	 <b>CLUTCH</b>	 <b>PHILLIPS</b>	 <b>SLOT. IND.</b>	 <b>SIX-LOBE.IND.</b>

# Raw material



# Finishing & After Process of Material



HEAT  
TREATMENT

Grade-8.8

Grade-10.9

Grade-12.9

Case hardening

Core Hardening

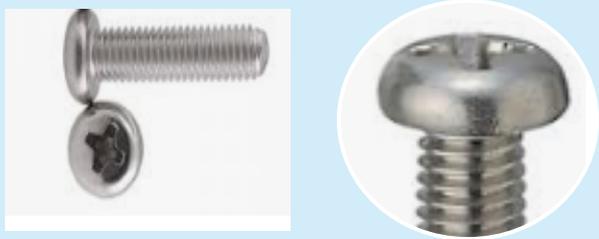
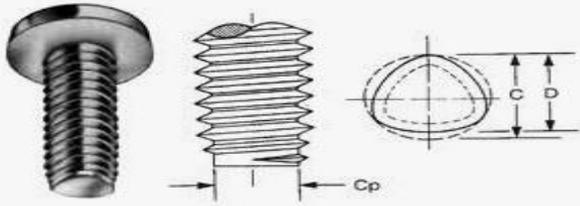
# Product

S/N	Head Type	Range	Length	Full and Half Thread
1	Binding Head	M2.5~M8	M2.5-5~16 M3-6~20 M4-6~30 M5-8~50 M6-6.5~80 M8-12~100	
3	Flat Flister - Cheese Head	M2.5~M5	M2.5-5~16 M3-6~20 M4-6~30 M5-8~40	
4	CSK(Countersunk)	M2.5~M10	M2.5-5~16 M3-6~20 M4-6~30 M5-8~50 M6-6.5~80 M8-12~100 M10-16~100	

# Product

S/N	Item Name	Range	Length	Full and Half Thread
1	Hexagon-Hex Bolt	M3~M8	12~80 mm	
2	Hex With Washer (Flange Hex)- Collar Bolt	M3~M8	12~80 mm	
3	Oval Head	M2.5~M8	M2.5-5~16 M3-6~20 M4-6~30 M5-8~50 M6-6.5~80 M8-12~100	
4	CAPTATIVE SCREW -CSK, PAN, Button , SCHOKET, HEX HEAD	M2.5~M10	M2.5-5~16 M3-6~20 M4-6~30 M5-8~50 M6-6.5~80 M8-12~100 M10-16~100	

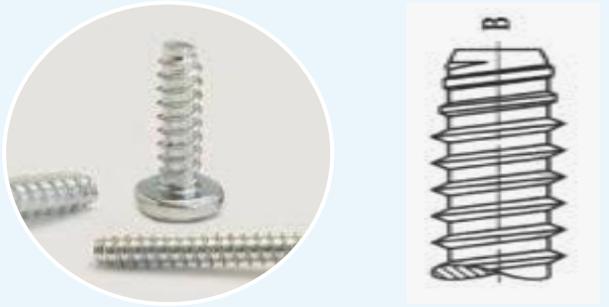
# Product

S/N	Item Name	Range	Length	Full and Half Thread
1	PAN Head	M2.5-M8	M2.5-5~16 M3-6~20 M4-6~30 M5-8~50 M6-6.5~80 M8-12~100	
2	PAN Combination	M2.5-M10	M2.5-5~16 M3-6~20 M4-6~30 M5-8~50 M6-6.5~80 M8-12~100 M10-16~100	
3	Round Head	M2.5-M5	M2.5-5~16 M3-6~20 M4-6~30 M5-8~40	
4	Taptite	M4-M8	M4-6~30 M5-8~50 M6-6.5~80 M8-12~100	

# Product

S/N	Item Name	Range	Length	Full and Half Thread
1	Truss Head	M2.5~M10	M2.5-5~16 M3-6~20 M4-6~30 M5-8~50 M6-6.5~80 M8-12~100 M10-16~100	
2	Anchor Bolt	M6~M10	20~100 MM	
3	Carriage Bolt	M5~M10	12~100 MM	
4	U-Bolt	As per Customer Requirement	As per Customer Requirement	

# Product

S/N	Item Name	Range	Length	Full and Half Thread
1	Self tapping -Cone	#2 ~#12	#2-4.5-19mm #4-6.5-25 mm #6-9.5-32 mm #8-9.5-38 mm #10-9.5-50 mm #12-12-60 mm	
2	Self tapping -Flat - B Type	#2 ~#12	#2-4.5-19mm #4-6.5-25 mm #6-9.5-32 mm #8-9.5-38 mm #10-9.5-50 mm #12-12-60 mm	
3	Stud/Threaded Bar	M5~M18	>25 mm	
4	Grub Screw	M5~M14		

# Special Screw and Bolt

S/N	Item Name	Range	Length	Full and Half Thread
1	Bolt with Nylon patch -Thread Locking	All Items	NA	 
2	Hex Bolt Customized	NA	NA	
3	SEMS Screw	M2.5~M8	M2.5-5~16 M3-6~20 M4-6~30 M5-8~50 M6-6.5~80 M8-12~100	 

# Special Screw and Bolt

S/N	Item Name	Range	Length	Full and Half Thread
1	Cheese Self Tapping Screw	#2 ~#12	#2-4.5~19mm #4-6.5~25 mm #6-9.5~32 mm #8-9.5~38 mm #10-9.5~50 mm #12-12~60 mm	
2	JCB-Joint Connector Bolt	M2.5~M10	M2.5-5~16 M3-6~20 M4-6~30 M5-8~50 M6-6.5~80 M8-12~100 M10-16~100	
3	Dowel PIN	As per Requirement	As per Requirement	
4	Rivets	M2.5~M8	M2.5-5~16 M3-6~20 M4-6~30 M5-8~50 M6-6.5~80 M8-12~100	

# Special Screw and Bolt

S/N	Item Name	Range	Length	Full and Half Thread
1	Slotted Hex Bolt	M4 ~M8	12 ~45 mm	
2	Self Tapping HEX	M4~M8	12~45	
3	Flange Button Head and PAN Head	M3~M8	M3-6~20 M4-6~30 M5-8~50 M6-6.5~80 M8-12~100	
4	Serration screw	M2.5~M10	M2.5-5~16 M3-6~20 M4-6~30 M5-8~50 M6-6.5~80 M8-12~100	

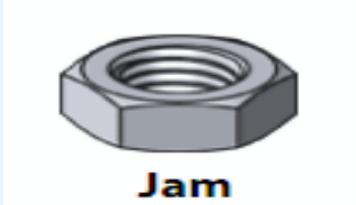
# Special Screw and Bolt

S/N	Item Name	Range	Length	Full and Half Thread
1	Gear PIN	As per Requirement	As per Requirement	
2	Bush	As per Requirement	As per Requirement	
3	Hex Bolt Pump Screw -Slotted	As per Requirement	As per Requirement	
4	CAPTATIVE DOUBLE WASHER	As per Requirement	As per Requirement	
5	BT Cut Screws	M2~M4	<=50MM	

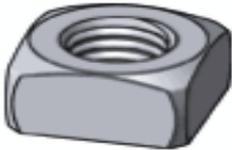
# Special Screw and Bolt

S/N	Item Name	Range	Length	Full and Half Thread
1	Button Head -LN Cap Screw	M3~M10	M3-6~20 M4-6~30 M5-8~50 M6-6.5~80 M8-12~100 M10-16~100	
2	Socket Head Cap Screw	M3~M8	Length-12~65	
3	Philips Hex Bolt	M3~M8	Length 12~65	

# NUT

S/N	Item Name	Range	
1	HEX NUT	M6~M12	 <p><b>Hex</b></p>
2	Jam Nut	M6~M12	 <p><b>Jam</b></p>
3	CAP Nut	M6~12	 <p><b>Cap</b></p>
4	Wheel Nut	M6~M12	

# NUT

S/N	Item Name	Range	
1	Flange Nut + Flange Nut with serration	M6~M12	  <p><b>Flange</b></p>
2	Square Nut	M6~M12	 <p><b>Square</b></p>
3	Coupling Nut	M10~M12- L 20 mm	 <p><b>Coupling</b></p>
4	BUSH	OD-10~20 mm	 

# Washer (Trading)

S/N	Item Name			
1	Plain Washer - Internal and External		Wave washer	
2	Spring Washer - Internal and external		Square Washer	
3	Toothed washer - Internal		Toothed washer - External	
4	Carriage Washer			



**Works**

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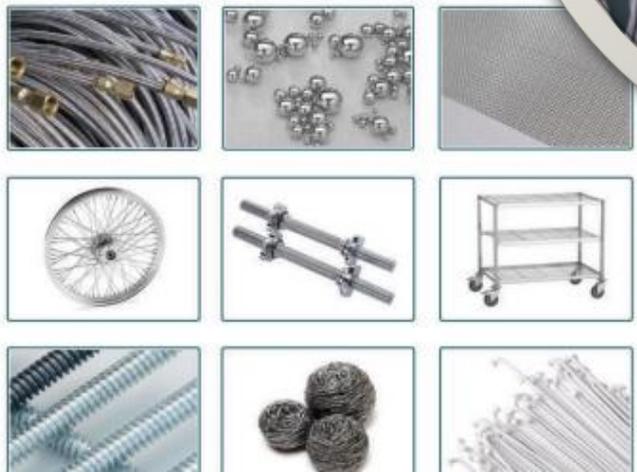
**Stainless Steel**



**BS SHAKTI STEEL PVT. LTD.**  
 An ISO 9001-2015 Certified Company



Stainless Steel MIG/TIG Welding Wires  
 Available AISI: 202,304,308, /308 LER, 309L, 309L ER, 316L, 316L ER, 430L, 307SL  
 Wire available in TIG Wire available in  
 Sizes : 0.8mm 1.00mm 1.20mm Sizes : 1.6mm 4.00mm  
 Packaging  
 MIG wire ABS Black Color Bobbin layer wounded 12.50 KG in Bright/Matte finish  
 TIG Wire  
 1000 mm length in 5KG plastic tube & bright finish



**Suzu**<sup>®</sup>  
An ISO 9001:2015 Certified Company | CE Certified

Locks Hinges  
Screws Door  
Hardware

Manufacturer & Exporter  
Hinges | Screws | Door Hardware



Glorious Range of  
**Premium Hardware**  
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Product C

INDIA | NEPAL | BANGLADESH | BHUTAN

**SUZU STEEL (INDIA)**

MANUFACTURER & EXPORTERS OF  
LOCKS | HINGES | SCREWS | DOOR HARDWARE

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New Delhi - 110085 (INDIA), Tele. - 011-41823400 | 41823800



SUZU STEEL (INDIA)  
HAS BEEN AWARDED FOR  
THE FASTEST EMERGING BRAND  
IN  
LOCKS & STEEL HARDWARE



# Contact Information

Company Website :- [www.avtfastners.com](http://www.avtfastners.com)

## A.V.T FASTNERS

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# THANK YOU

Ph No:-7-900-900-106

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