

॥ Shree Kesharbhavani Krupa ॥

JAS-ANZ



AN ISO 9001:2008 COMPANY

SNEW

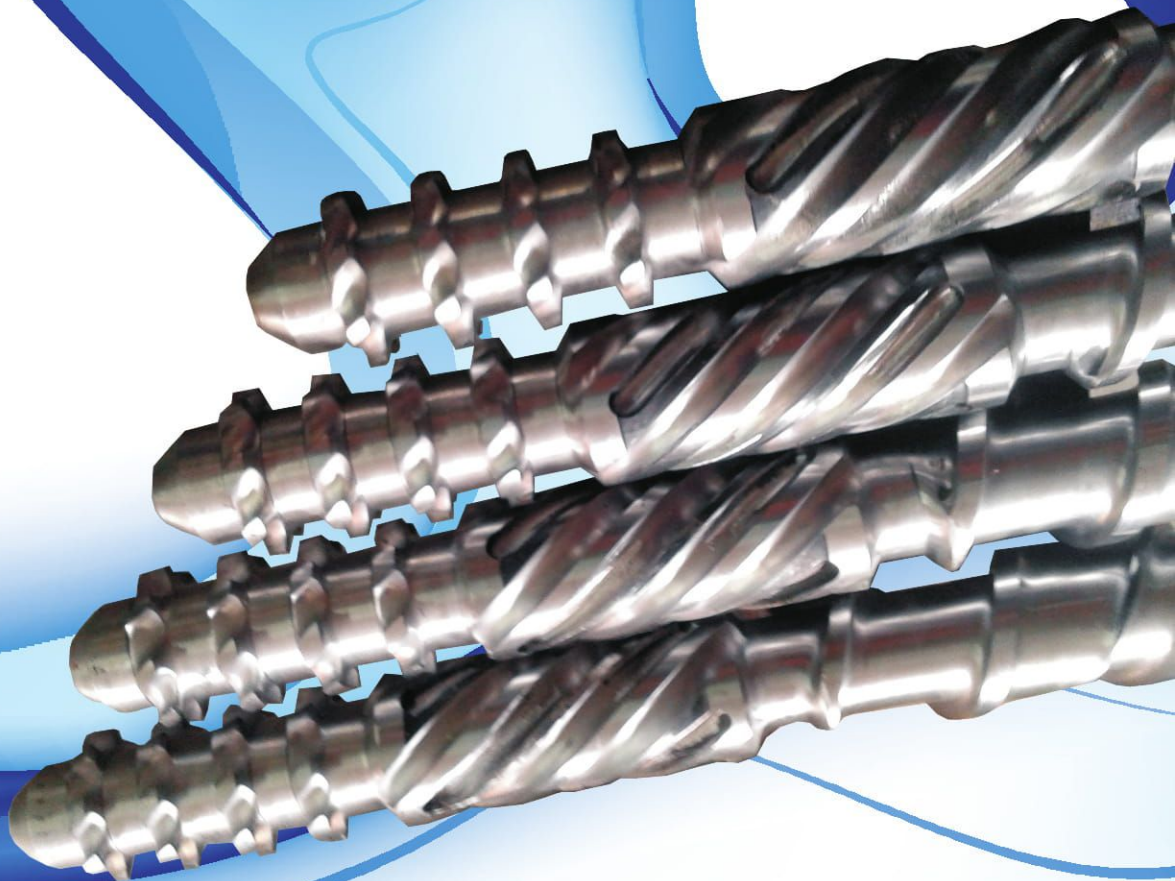


Shri Mahalaxmi

Engineering Works

Mfg. Of
Screw & Barrels for
Plastic Processing Machinery

SINCE 1994



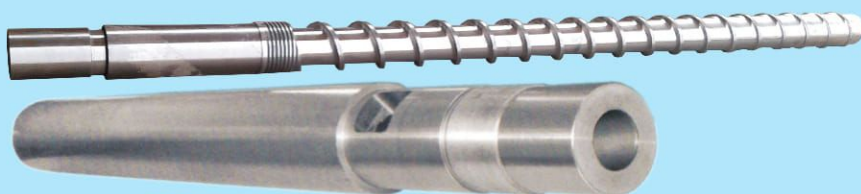
ABOUT US

We Ornate **Shree Mahalaxmi Engineering Works** Established 1994 at Ahmedabad, Gujarat (INDIA) as manufactur for screw & Barrel Set plastic process machinery.

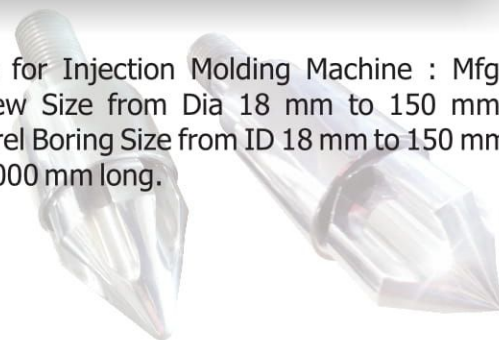
Our main objective is to satisfied our customer with best quality and service using international standards in manufacture process.



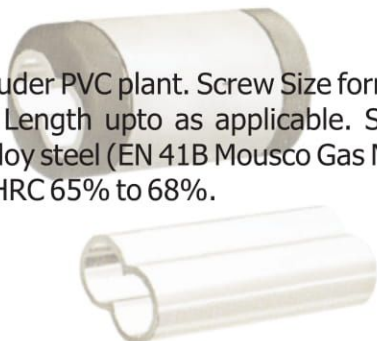
SINGLE SCREW BARREL



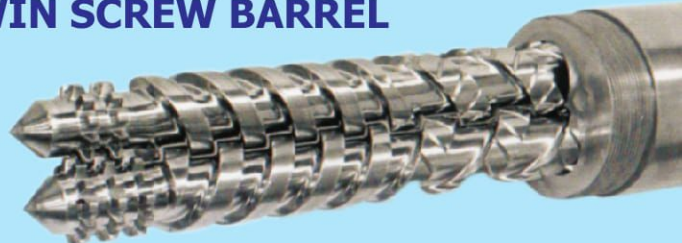
Use for Injection Molding Machine : Mfg. Screw Size from Dia 18 mm to 150 mm. Barrel Boring Size from ID 18 mm to 150 mm & 6000 mm long.



Use for extruder PVC plant. Screw Size form Dia. 25 mm to 200 mm & Length upto as applicable. Screw are made from nitroalloy steel (EN 41B Mousco Gas Nitrade). Hardening HRC 65% to 68%.



TWIN SCREW BARREL



BARRIER SCREW (Double Thread)



MEDOK TYPE



BARREL FRONT COMPONENT (Ring Plunger, Head & Extension Nozzel)



BIMETALLIC SCREW, BARREL & RING PLUNGER SET

Tungsten Carbide & Boron Coating Layer
Hardfacing Protect Screw Against Abrasion
& Corrosion



BIMETALLIC RING PLUNGER

Use for Polymers : Minerals, Glassfibers,
Pigment, Carbon Fibers

Bimetallic Screw 4th Process
Screw Surface Grinding



BIMETALLIC BARREL

Hardness : HRC up to 72%

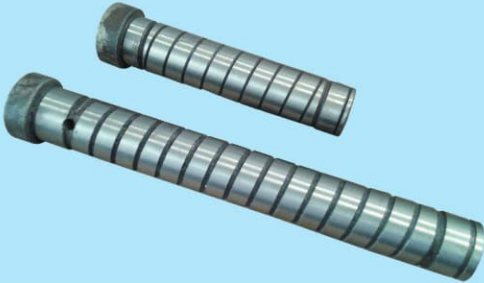
Bimetallic Screw 1st Process
Coating Layer Tungsten Carbide
Per Side 1.5 to 2 mm in deep.

Bimetallic Screw 2nd Process
after Coating Gas Nitride.

Bimetallic Screw 3rd Process
after Nitriding Core Dia Polishing



MFG. TOGGLE CENTRE PIN & BUSH



GROOVED FEED BUSH



PRODUCTS

- Single Screw
- Barrier Screw
- Single Barrel
- Twin Parallel Screw
- Twin Hole Barrel
- Grooved Feed Bush
- Barrel Front Components
- Bimetalic Screw & Barrel
- Bimetalic Ring Plunger Set

USE FOR : INJECTION MOULDING MACHINE, EXTRUDER PLANT, FILM PLANT, BLOW MOULDING MACHINE ETC.

PRODUCTION PROCESS



- Material Testing (EN-41 B Musco)
- T-Condition (27 to 30 HRC)
- Cutting of Screw
- S.R. Process
- Polishing
- Grinding
- Testing
- Nitriding (65 to 68 HRC)
- Regrinding
- Polishing & Measurment



- Material Testing (EN-41 B Musco)
- Boring
- T-Condition (27 to 30 HRC)
- Final Re Boring
- Machining
- Testing
- Nitriding (65 to 68 HRC)
- Grinding & Polishing
- Measurment



Shri Mahalaxmi Engineering Works

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