



Together we grow...

BHAGWATI PRECISION INDUSTRIES



Fasteners

Manufacturing, Sourcing & Its Distribution

CREATING NEW PARADIGM

BPI Group have carved a niche with wealth of expertise & experience in manufacturing & Sourcing of precision quality fasteners & machining components and its distribution Globally. At BPI business philosophy is based on strict code of ethics and a commitment to deliver global quality products and services to the esteemed customers exceeding their expectations. In a very short time since inception exclusively catering to the exports, BPI, led by veterans of the fasteners industry, has established its huge customer base in Europe, USA & South East Asia and expanding market to Australia, Africa, & Middle East Asia. Our products have won global acceptance based on quality, timely delivery and service. And we are confident of continuing with the same momentum in the future.

MANUFACTURING:

Bhagwati precision Industries was established in the year 2000 as ISO 9001:2015 certified is BPI own spouse Manufacturing Unit and was set up to manufacture precision turned components, high precision CNC machined parts & supply a wide range of Dowel Pins ,Taper Pins, Clevis pins ,Shoulder Bolts made from Single spindle Automatic lathes called Traub or cold forging and other secondary operations like Drilling, Taping, Grinding etc. and other many more Fasteners as per DIN/ISO & ASME standard to LPS Bossard, India. Along with contract manufacturing associates. All other associate contract manufacturing companies supporting BPI for exports are ISO 9001:2015 certified and IATF 16949-2016 certified. Use of latest technology, continual investments in new machines & the state of art measuring devices and adoptions of advanced Product Realization Processes all have enhanced manufacturing capabilities and technical expertise for fast development of special components at BPI and its manufacturing associates.

PRODUCT RANGE:

BPI make sure supply precision quality fasteners probative to all perceived International standards like IS, DIN, ISO, ASME, ANSI, ASTM, JIS or customized mainly made out from Alloy Steels & Stainless steel ranging from M2 (5/64 inch) to M64 (2-1/2 inch) in diameter and lengths up to 500 mm (20 inch).

OUR FORTE:

Our major strength in manufacturing is C-parts or special drawing machined or turned components from bar stock which require additional operations like turning, grinding, drilling, tapping, rolling, milling, broaching, reaming, slotting after cold and hot forging. Small batches of production or prototype sample can be accommodated and every order is fulfilled with utmost care and attention.

REGULAR PRODUCTION DIN/ISO/ANSI PRODUCTS AS FOLLOW:

DIN 1,7, 39, 258, 404, 417, 427, 431, 438, 439, 444, 464, 465, 466, 467, 478, 479, 480,546, 547, 548, 551, 553, 561, 564, 609, 610,653, 703, 705, 835, 906, 908, 909, 910, 913, 914, 915, 916, 917, 920, 921, 923, 924, 925, 926,927,935,936,937,938, 940,949, 1441, 1443, 1444, 1445, 1479, 1587, 1804, 1816, 2509, 2510, 5525, 5526, 5586, 6303, 6319, 6324, 6325, 6330, 6331, 6332, 6334, 7604, 7642, 7643, 7968, 7977, 7978,7979C, 7979D, 7991, 9841, 15058, 16903, 81698.

ISO 2338, 2339, 2341, 2342, 4035, 4766, 7379, 7380, 7434, 7435, 7436, 8734, 8735

Hex & Round Spacers/Nuts with Std Metric & Inch Threads
Hex & Round Spacers/Nuts with Trapezoidal (TR) Threads
Hex & Round Spacers/Nuts with Acme & Special Coarse Pitch Threads
Turnbuckles, Stand-offs, Long Thread Hex/Round Sleeves/Spacers

ANSI B18.2 Socket Shoulder Screws; Electronic Socket and Slotted Shoulder Screws

ANSI B18.8.2 Dowel Pins, Pull Out Dowel Pins, Taper Pins, Clevis Pins.

Special Products According to Drawings are Our Main Strength.

Fully Machined From Bar Stock Through Single Spindle Traubs, Sliding Heads, Turn-Mill Centers, Multi Spindle, CNC & VMC Machining and Products Required Various Secondary Operations Like, Turning, Milling, Drilling, Tapping, Rolling, Reaming, Broaching After Cold/Hot Forging

PRODUCT SIZE RANGE

M2 TO M27 BY COLD FORGING
M27 TO M64 BY HOT FORGING
1 TO 300 MM BY MACHINING

LENGTH'S

UPTO 350 MM BY COLD FORGING
UPTO 500 MM BY HOT FORGING
UPTO 3 METERS BY MACHINING

METRIC GRADES

AS PER ISO 898-I GRADES 4.6,5.5, 5.6, 5.8, 6.8, 8.8, 9.8, 10.9, 12.9, 45H
SPECIAL CASE HARDENED PRODUCTS
DOWEL PIN THROUGH HARD HRC 58-62
DOWEL PIN CASE HARD AS PER SPECS

INCH GRADES

INCH ASTM SAE J429 GRADE 2.5, 5.2,8,9
SPECIAL CASE HARD PRODUCTS
DOWEL PINS THROUGH HARDENED
DOWEL PINS CASE HARDENED

MATERIALS

ALLOY STEEL, STAINLESS STEEL, BRASS, ALUMINIUM

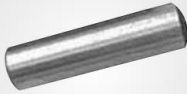
Common Available Grades are as follows : (AISI 1010, 1015, 1018, 10B21, 1214, 12L14, 15B25, 15B41, 4135, 4140, 4340, 8620,52100) (En1A, En1AL, En8, En24, En24ESR, En31 & 100Cr6/1.3505)

STAINLESS: A1-50(AISI 303/1.4305), A2-70(AISI 304/1.4301), A4-70(AISI 316/1.4401), A5-70(AISI316Ti/1.4571)
AISI-410(1.4006), AISI-416(24005), AISI-420(1.4021/1.4057), AISI-430(1.4016), AISI-430F (1.4104),
AISI-431(1.4057), AISI-2020(1.4373), AISI-204Cu(1.4057)

FINISHES

- ❖ Zinc Trivalent Plating In White, Blue, Yellow, Green & Black Passivation.
- ❖ Dacromet & Geomet Coating
- ❖ Zinc Iron & Zinc Manganese Plating
- ❖ Cadmium Plating
- ❖ Hot Dip Galvanizing
- ❖ Zinc Phosphating & Manganese Phosphating
- ❖ Stainless Steel Passivation
- ❖ Ultrasonic Cleaning
- ❖ Locktight on Screws

MAJOR STRENGTH PRODUCT RANGE



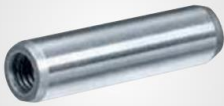
DIN 1 / ISO 2339



DIN 258 & 7977



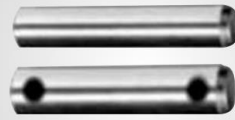
DIN 6325 / ISO 8734



DIN 7979D / ISO 8735



DIN 7 / ISO 2338



DIN 1443 / ISO 2340



DIN 1444 / ISO 2341



DIN 7978 / ISO 8736



Dowel Pins & Pull Out Dowel Pins
ANSI B18.8.2

DOWEL PINS, TAPER PINS & CLEVIS PINS



DIN 464, 466, 653, 921 & 923



DIN 546, 547 & 548



DIN 705



DIN 404



DIN 7643



DIN 444



DIN 906, 908 & 910



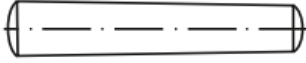


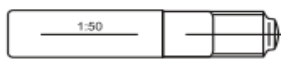

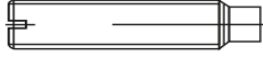


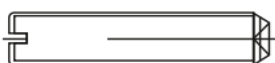


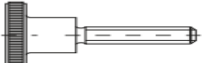
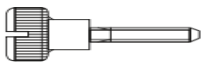

Socket Shoulder Screws
ISO 7379 / ANSI B18.3




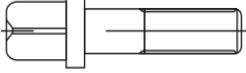
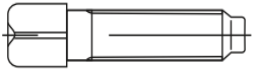
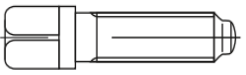


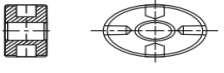

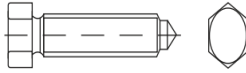
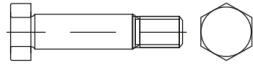
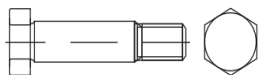
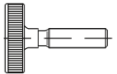
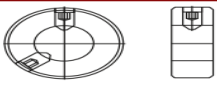

DIN 609 & 610

MACHINED DIN/ISO PARTS

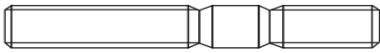
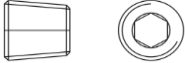
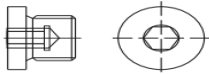
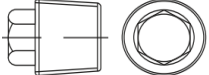
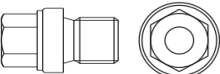
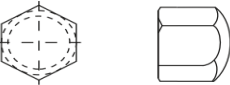


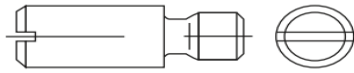
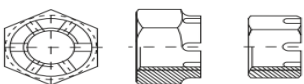

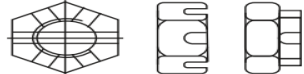
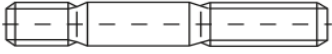
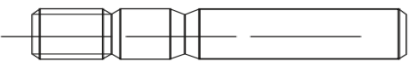
BPI PRODUCT RANGE LINE CARD

DIN 1 ISO 2339		TAPER PINS Kegelstifte
DIN 7 ISO 2338		PARALLEL PINS Zylinderstifte
DIN 39		MACHINE HANDELES Ballengriffe, fest
DIN 258		TAPER PINS WITH THREADED END Kegelstifte mit Gewindezpfen
DIN 404		SLOTTED CAPSTEN SCREW Kreuzlochrauben mit Schlitz
DIN 417		SLOTTED GRUB SCREWS WITH FULL DOG POINT Gewindestifte mit Schlitz und Zapfen
DIN 427		SLOTTED HEADLESS SCREWS WITH CHAMFERED END Schaftschrauben Schlitz und Kegelkuppe
DIN 431		PIPE NUTS (CONDUIT LOCK NUTS) Rohermuttern
DIN 438		SLOTTED GRUB SCREW WITH CUP POINT Gewindestifte mit Schlitz und Ringschneide
DIN 439		HEXAGON THIN NUTS (LOCK NUTS) Sechskantmuttern, niedrig
DIN 444		SWIVEL BOLTS (EYE BOLTS) Augenschrauben
DIN 464		KNURLED THUMB SCREWS, HIGH TYPE Randelschrauben
DIN 465		KNURLED THUMB SCREWS SLOTTED, Randelschrauben
DIN 466		KNURLED THUMB NUTS, HIGH TYPE Randelmuttern, hohe Form

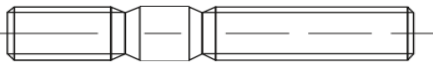
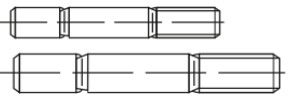
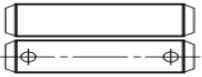
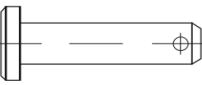
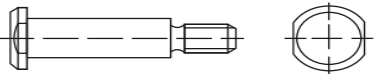
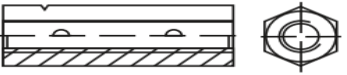
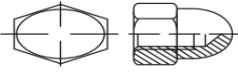



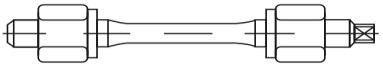


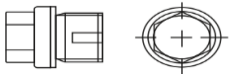
BPI PRODUCT RANGE LINE CARD

DIN 467		KNURLED THUMB NUTS, THIN TYPE Randelmuttern, neidrige Form
DIN 478		SQUARE HEAD BOLTS WITH COLLAR Vierkantschrauben mit Bund
DIN 479		SQUARE HEAD BOLTS WITH HALF DOG POINT Vierkantschrauben mit Kernansatz
DIN 480		SQUARE HEAD BOLTS WITH COLLAR, HALF DOG POINT AND ROUNDED END Vierkantschrauben mit Bund und Ansatzkuppe
DIN 546		SLOTTED ROUND NUTS Schlitzmuttern
DIN 547		ROUND NUTS WITH DRILLED HOLES Zweilochmuttern
DIN 548		ROUND NUTS WITH SET PIN HOLES Kreuzlochmuttern
DIN 561		HEXAGON SET SCREWS WITH FULL DOG POINT Sechskantschrauben mit Zapfen
DIN 564		HEXAGON SET SCREW WITH HALF DOG PT. & CONE END Sechskantschrauben mit Ansatzspitze
DIN 609		HEXAGON FITTED BOLTS, LONG THREAD Sechskant-Pabschrauben mit langem Gewindezapfen
DIN 610		HEXAGON FITTED BOLTS, SHORT THREAD Sechskant-Pabschrauben mit kurzem Gewindezapfen
DIN 653		KNURLED THUMB SCREWS, THIN TYPE Randelschrauben, niedrige Form
DIN 703		ADJUSTING RINGS, HEAVY RANGE (SHAFTING COLLARS) Stellringe, schwere Reihe
DIN 705		ADJUSTING RINGS, LIGHT RANGE (SHAFTING COLLARS) Stellringe, leichte Reihe



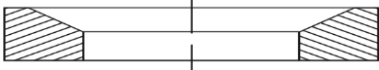
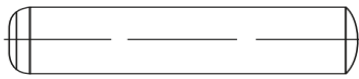
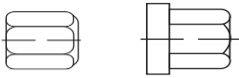



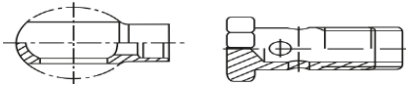
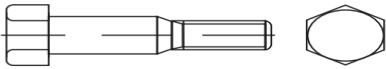


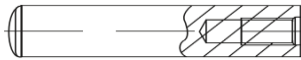
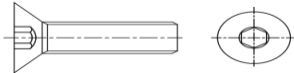
BPI PRODUCT RANGE LINE CARD

DIN 835		STUDS, METAL END Stiftschrauben, Einschraubende ~ 2d
DIN 906		HEXAGON SOCKET PIPE PLUGS, CONICAL THREAD Verschlussrauben mit Innensechskant, kegeliges Gewinde
DIN 908		HEXAGON SOCKET SCREW PLUGS, CYLINDRICAL THREAD Verschlussrauben mit Bund und Innensechskant, Zylindrisches Gewinde
DIN 909		HEXAGON HEAD PIPE PLUGS, CONICAL THREADS Verschlussrauben mit Aubensechskant, kegeliges Gewinde
DIN 910		HEXAGON HEAD SCREW PLUGS, CYLINDRICAL THREAD Verschlussrauben mit Bund und Aubensechskant, Zylindrisches Gewinde
DIN 917		HEXAGON CAP NUTS Sechskant-Hutmuttern, niedrige Form
DIN 921		SLOTTED LARGE CHEESE HEAD SCREWS Flachkopfschrauben mit Schiltz und grobem Kopf
DIN 923		SLOTTED CHEESE HEAD SHOULDER SCREWS Flachkopfschrauben mit Schiltz und Ansatz
DIN 927		SLOTTED SHOULDER SCREWS Zapfenschrauben mit Schiltz
DIN 935		HEXAGON SLOTTED & CASTLE NUTS Kronemuttern
DIN 936		HEXAGON THIN NUTS (LOCK NUTS) Flache Sechskantmuttern
DIN 937		HEXAGON THIN SLOTTED AND CASTLE NUTS ~ 1d Kronemuttern, niedrige Form ~ 1d
DIN 938		STUDS, METAL END ~ 1d Stiftschrauben, Einschraubende ~ 1d
DIN 939		STUDS, THREADED END ~ 1, 25d Stiftschrauben, Einschrauben ~ 1, 25d

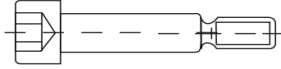
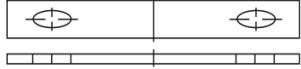

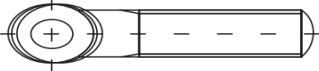


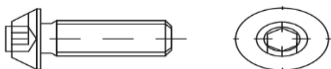
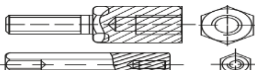

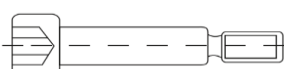

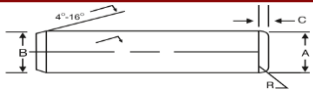
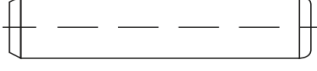
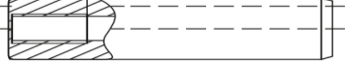
BPI PRODUCT RANGE LINE CARD

DIN 940		STUDS, METAL END $\sim 2, 5 D$ Stiftschrauben, Einschraubende $\sim 2, 5 d$
DIN 949		STUDS WITH METRIC INTERFERENCE THREAD MFS, METAL END $:-1 \sim 2 d, - 2 \sim 2, 5 d$ Stiftschrauben, mit metrischem Festsitz-gewinde MFS, Einschraubende $:-1 \sim 2 d, - 2 \sim 2, 5 d$
DIN 1443		CLEVIS PIN WITHOUT HEAD Bolzen ohne Kopf
DIN 1444		CLEVIS PIN WITH HEAD Bolzen mit Kopf
DIN 1445		CLEVIS PINS WITH HEAD AND THREADED END Bolzen mit Kopf und Gewindezapfen
DIN 1479		TURNBUCKLES (CENTER PARTS) MADE OUT OF HEXAGON BARS Sechskant-Spannschloßmuttern
DIN 1587		HEXAGON DOMED CAP NUTS (ACORN NUTS) Sechskant-Hutmuttern, hohe Form
DIN 1804		SLOTTED ROUND NUTS FOR HOOK-SPANNER Nutmuttern
DIN 1816		ROUND NUTS WITH SET PIN HOLES Kreuzlochmuttern
DIN 2509		DOUBLE END STUDS WITH FULL SHANK Schraubenbolzen
DIN 2510		DOUBLE END STUDS WITH REDUCED SHANK (WAISTED STUDS) Schraubenbolzen mit Dehnschaft
DIN 5525		CLEVIS PINS FOR RAIL VEHICLES, WITHOUT HEAD Bolzen ohne Kopf für Schienenfahrzeuge
DIN 5526		CLEVIS PINS FOR RAIL VEHICLES, WITH HEAD Bolzen mit Kopf für Schienenfahrzeuge
DIN 5586		LOCKING SCREWS WITH COLLAR AND VENT Verschlusschrauben m. Bund u. Entlüftung mit aufgeschmolzener Dichtung

BPI PRODUCT RANGE LINE CARD

DIN 6303		KNURLED NUTS Randelmuttern
DIN 6311		THRUST PADS Druckstücke
DIN 6319		SPHERICAL WASHERS, CONICAL WASHERS Kugelscheiben C, Kegelpfannen D, G
DIN 6325		PARALLEL PINS Zylinderstifte, gehartet
DIN 6330 DIN 6331		HEXAGON NUTS, 1,5 d ONE SPHERICAL FACE AND ONE PLAIN FACE HEXAGON NUTS WITH COLLAR, 1, 5 d Sechskantmuttern, 1, 5 d hoch, Sechskantmuttern mit bund, 1, 5 d
DIN 6332		GRUB SCREW WITH THRUST POINT Gewindestifte mit Druckzapfen
DIN 6334		HEXAGON NUTS, 3d Sechskantmuttern, 3d hoch
DIN 7604		HEXAGON HEAD SCREW PLUGS WITH COLLAR Verschlusschrauben mit Bund und Außensechskant
DIN 7642 DIN 7643		RING TYPE NIPPLES, HOLLOW SCREWS Ringstutzen für Lotverbindungen Hohlschrauben für Ringstutzen
DIN 7968		HEXAGON FITTED BOLTS FOR STEEL STRUCTURES Sechskantschrauben mit Pabschaft
DIN 7977		TAPER PINS WITH THREADED END Kegelstifte mit Gewindezapfen
DIN 7978		TAPER PINS WITH INTERNAL THREAD Kegelstifte mit Innengewinde
DIN 7979		PARALLEL PINS WITH INTERNAL THREAD Zylinderstifte mit Innengewinde
DIN 7991		COUNTER SUNK HEAD SCREWS WITH HEXAGON SOCKET Senkschrauben mit Innensechskant

BPI PRODUCT RANGE LINE CARD

DIN 9841		HEXAGON SOCKET HEAD SHOULDER SCREWS Zylinderschrauben mit Innensechskant und Ansatz-Schaft
DIN 15058		AXLE HOLDER (LIFTING APPLIANCES) Achshalter (für Hebezeuge)
DIN 16903		THREADED INSERTS FOR PLASTIC Gewindebuchsen für Kunststoff-Formteile
DIN 81698		EYE BOLTS WITH SMALL EYE Augenschrauben mit kleinem Auge
ISO 2341		CLEVIS PINS WITH HEAD Bolzen mit Kopf
ISO 7379		HEXAGON SOCKET HEAD SHOULDER SCREW Pab-Schulter-schrauben mit Innensechskant
ISO 7380		HEXAGON SOCKET BUTTON HEAD SCREW Flachkopfschrauben mit Innensechskant
STAND OFFS		MALE FEMALE HEX AND ROUND SPACERS FEMALE HEX AND ROUND SPACERS
ACME/TR THREADED NUTS		ACME/TR (TRAPEZOIDAL) THREADED NUTS Trapezgewindemutter
ANSI B18.3		INCH SOCKET SHOULDER SCREWS
ELECTRONICS SHOULDER SCREWS		ELECTRONIC INCH & METRIC SOCKET AND SLOTTED SHOULDER SCREWS
ANSI B18.8.2		INCH MACHINED HARDENED & GROUND DOWEL PINS
ANSI B18.8.2		INCH MACHINED STAINLESS DOWEL PINS
ANSI B18.8.2		INCH FLAT VENT PULL OUT HARDEND & GROUND MACHINED DOWEL PINS

PRODUCTION FACILITIES



- Multi Station Cold Forging Range From M3 To M27 (1/8 inch to 1-1/8)
- Hot Forging up to M64 (2-1/2 Inch)
- CNC Lathe Machines for Diameter up to 300mm
- CNC Vertical Machining Centers up to 300mm Single Spindle
- Automatic Traub upto 64mm Centerless Grinding
- Cylindrical Grinding
- Surface Grinding
- Flat Thread Rolling Machines
- Circular Thread Rolling Machines
- Horizontal and Vertical Tapping Machines
- Conventional Drilling Machines
- SPM Drilling Machines for Long Drilling
- Conventional & Capstan Lathe Machines
- Milling Machines , Polygon Turning
- Continuous Heat Treatment Furnace
- Batch type Heat Treatment Furnace
- Surface coating as Zinc Phosphating, Manganese Phosphating, Trivalent Zinc Plating in White, Yellow, Green, Black Passivation, Dacromet, Geomet & Magni, Cadmium Plating
- Thread Lockings, Nylon Patch, Pre Coat, Loctite
- VCI paper and VCI Polybags special packing.

Our Services for Export



Our current exports are mainly in Europe, USA & South East Asia to distributors as well end users. We are expanding our exports horizon to other parts of the world. With the help of efficient system and using expertise of experienced team, we select well-established medium sized manufacturers and sub-contractors, providing following benefits to our overseas customers

- ❖ Efficient single line of communication for our customers, thus reducing communication efforts and cost at our customer end.
- ❖ Cost advantage due to our low overheads.
- ❖ Using product specific quality suppliers for each product. Only Selected ISO & TS suppliers with expertise in required products.
- ❖ Regular process & quality audits based on our customer's expectations are handled by our expert quality team.
- ❖ Reduced cost of sourcing by consolidation of shipments from different producers and making single delivery for our customers.
- ❖ Reducing customer's inventories to minimum level by reducing number of suppliers and cost.
- ❖ We offer long terms fixed contracts taking all risks of raw material price variations and currency fluctuations into our account.
- ❖ Minimum lead/delivery time. We also help in handling last minute jobs.
- ❖ All plain steel natural parts are packed in VCI paper/polybags and with best specific recommended rust preventive oil irrespective of customers specific requirement to make sure transit and add on extra precaution of rust prevention.

FULL SERVICE PROVIDER FOR EXPORTS

- ❖ Flexibility to handle Ex-Works/FOB/CIF shipments as per customer requirements.
- ❖ Small shipments less than 100kg well taken care by courier (UPS/FedEx/DHL/TNT) mode.
- ❖ Small packing, Special Packing, Special Boxes, Euro Pallets, Bar/RFID coded labels as per customer requirements.
- ❖ Payment terms flexibility basis strategic customer relationship.
- ❖ Specialized in efficient management of Customers demand by managing inventories at source based forecasts. Also offer consignment inventories on demand at customer's location.



Quality Inbuilt



All of our products & processes meet national or international specifications exactly as per requirements without any deviation. All our manufacturing associates are TS 16949 or minimum ISO 9001 certified having expertise in fasteners industry from many decades which ensures right knowledge and product quality moreover our quality engineers take care process verification and pre delivery inspection. We ensure 100% traceability up to raw material heat of mill through our warehousing procedure of FIR (Final inspection reports) of each lot. Unless otherwise stated differently PDIR is provided with each lot. Full PPAP documents can be processed upon requests.

Although all production facilities are equipped with the necessary inspection facilities but BPI has independent owned lab for In process and PDI inspections. We also provide third party inspection reports when specified or requested by our customers.

Some of the on-site inspection equipment include:

- Coordinate Measuring Machine
- Profile Projector with DRO
- Hardness Tester in various scale
- HRB, HRC, HRA, HV at different loads
- Eddy current sorter
- Roughness Tester Ra, Rz, Rt, Pt
- Magna Flux for crack detection
- Coating thickness tester
- Salt spray Testing
- Microscope
- Digital Micrometer
- Digital Blade Micrometer
- Digital V. Anvil Micrometer
- Digital Pitch Micrometer
- Digital Vernier Caliper
- Digital Height Gauge
- Bench Center
- Puppy Dial indicator
- Surface Plate
- Bevel Protector
- Sine Gauge
- Universal Testing Machine
- Slip Gauge Box
- Thread Ring Gauged
- Thread Plug Gauges
- Plain Plug Gauge
- Plain Bore gauge



- Thread Ring gauges and Plugs gauges are imported from same country where we export mainly from Germany and USA. We are always open to make justified new investments on measuring equipment in line with customer's expectation and to upgrades labs.





Your Destination for Fasteners & Machined Components
SOURCING PARTNER



Come, Meet Your New Exporting Partner

Bhagwati Precision Industries

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