

PIPING & PROCESS SOLUTIONS

ENGINEERED CONNECTIONS. RELIABLE FLOW.
TRUSTED SUPPLY.



CARBON STEEL | STAINLESS STEEL | ALLOY STEEL | SPECIAL ALLOYS

TRUSTED QUALITY

Tested, Certified.
Reliable.

WIDE RANGE

Complete solutions for
every piping requirement.

ON-TIME DELIVERY

Pan-India supply with
commitment.

TECHNICAL SUPPORT

Expert guidance at
every stage.

ABOUT MAGNA

BUSINESS GROUP

Magna Industry is a trusted industrial solutions partner, delivering a comprehensive range of products across piping, fittings, valves, mechanical, electrical, and engineering requirements for industries and infrastructure projects across India.

With a strong focus on quality, reliability, and customer satisfaction, we connect businesses with the right products and trusted suppliers ensuring efficient sourcing, dependable performance, and long-term value for every application.



Trusted by
150+
Clients



2000+
Products



Pan-India
Presence



100%
Quality Commitment



On-Time
Delivery

WHO WE ARE

We are a customer-centric organization built on the pillars of trust, quality and performance. Backed by a strong network of reputed manufacturers and a dedicated team, we deliver complete piping solutions tailored to meet the diverse requirements of industries.

- ✓ Extensive Product Range
- ✓ Competitive Pricing
- ✓ Technical Expertise
- ✓ Ethical Business Practices
- ✓ Customer-Focused Approach

OUR PRODUCT PORTFOLIO



BUTT WELD
FITTINGS



FORGED
FITTINGS



FLANGES



VALVES



COMPRESSION
TUBE FITTINGS



INSTRUMENTATION
FITTINGS

INDUSTRIES WE SERVE



OIL & GAS



CHEMICAL &
PETROCHEMICAL



PHARMACEUTICAL



POWER &
UTILITIES



WATER &
WASTEWATER



FOOD & DAIRY



INFRASTRUCTURE

FITTINGS & PIPING SOLUTIONS

ONE SOURCE. COMPLETE RANGE. ENGINEERED FOR EVERY CONNECTION.

Magna Business Group offers a comprehensive range of piping fittings in Carbon Steel, Stainless Steel, Alloy Steel and Special Alloys to meet the diverse needs of process industries.



HIGH QUALITY
Products meeting
global standards



WIDE RANGE
All types of fittings
under one roof



ON-TIME DELIVERY
Pan India supply
with reliability



CUSTOMER FOCUS
Dedicated support
at every step

OUR PRODUCT CATEGORIES

01 BUTT WELD FITTINGS

- Elbows (45°, 90°, 180°)
- Tees (Equal & Reducing)
- Reducers (Concentric & Eccentric)
- Caps
- Crosses
- Stub Ends & More



02 FORGED / SOCKET WELD & THREADED FITTINGS

- Elbows, Tees, Couplings
- Unions & Half Couplings
- Plugs, Caps & Bushings
- Nipples & Bosses
- Street Elbows
- And Many More



03 FLANGES

- Weld Neck (WN)
- Slip-On (SO)
- Blind (BL)
- Socket Weld (SW)
- Threaded (TH)
- Lap Joint (LJ)
- Long Weld Neck (LWN)
- Spectacle Blind & More



04 VALVES

- Ball Valves
- Gate Valves
- Globe Valves
- Check Valves
- Butterfly Valves
- Plug Valves
- Strainer, Safety & Relief Valves



05 COMPRESSION TUBE FITTINGS

- Tube to Tube Fittings
- Tube to Male Fittings
- Tube to Female Fittings
- Bulkhead Connectors
- Females & Nuts
- Accessories



06 INSTRUMENTATION FITTINGS

- Tees, Elbows & Crosses
- Adapters & Connectors
- Hex Couplings & Nipples
- Plugs, Caps & Bushings
- Reducers & More



07 SPECIAL / PROJECT SPECIFIC FITTINGS

- Special Reducers
- Large Diameter Fittings
- Non-Standard Fittings
- Custom Fabricated Fittings
- As per Drawing / Specification



MATERIALS WE SUPPLY



CARBON STEEL / MILD STEEL
ASTM A234 WPB, ASTM A105, IS 1239 Part II & equivalent grades



STAINLESS STEEL
SS 304 / 304L, 316 / 316L, 321, 347, 330 / 3105, 904L & more



ALLOY STEEL
WP5, WP9, WP11, WP22, WP91, WP12, etc.



DUPLEX & SUPER DUPLEX
2205, 2507, SAF 2205, SAF 2507 & other grades



NICKEL & SPECIAL ALLOYS
Inconel, Incoloy, Hastelloy, Monel, Nickel, Titanium, Cupro-Nickel & more



Material Test Certificates (EN 10204 3.1 / 3.2) available on request.

STANDARDS WE FOLLOW



BUTT WELD FITTINGS : ASME B16.9, ASME B16.28



FORGED FITTINGS : ASME B16.11



FLANGES : ASME B16.5



VALVES : API 602, API 6D, ASME B16.34



THREADING : ASME B1.20.1 / NPT, BSP, BSPT



MATERIAL STANDARDS : ASTM / ASME / EN / IS



INSPECTION & TESTING : PMI, UT, PT, MT, VT as applicable



DOCUMENTATION : MTC, EN 10204 3.1 / 3.2, IBR Certificates (as applicable)



All products are manufactured / sourced as per international standards to ensure safety, reliability and long service life.

BRAND MANUFACTURING PARTNERS



We partner with globally recognized manufacturers to deliver products of unmatched quality and reliability.



TRUSTED QUALITY
Tested. Certified. Reliable.



WIDE RANGE
Complete solutions for
every piping requirement.



ON-TIME DELIVERY
Pan India supply
with commitment.



TECHNICAL SUPPORT
Expert guidance at
every stage.

BUTT WELD FITTINGS OVERVIEW & TYPES

BUTT WELD FITTINGS

PRECISION MANUFACTURED FOR LEAK-PROOF PIPING SYSTEMS

Our Butt Weld Fittings are manufactured as per ASME B16.9 / B16.28 standards with strict dimensional accuracy and superior finish. These fittings are designed to ensure smooth flow, high pressure resistance and long service life in critical process applications.



LEAK-PROOF
DESIGN



HIGH PRESSURE
RESISTANCE



SMOOTH FLOW
& LOWER FRICTION



LONG SERVICE
LIFE

PRODUCT RANGE



ELBOWS
45°, 90°, 180°



TEES
Equal & Reducing



REDUCERS
Concentric & Eccentric



CAPS
End Caps



STUB ENDS
Short & Long



CROSSES
Equal & Reducing



LATERALS
Branch Outlets



RETURNS
180°



SPECIAL FITTINGS
Customized as per
Drawing / Requirement



Custom sizes,
wall thickness &
special materials
available on
request.

STD. MANUFACTURING STANDARDS

- ASME B16.9 - Factory Made Wrought Butt-Welding Fittings
- ASME B16.28 - Wrought Butt-Welding Long Radius Returns
- MSS-SP-43 - Wrought Butt-Welding Fittings
- MSS-SP-75 - Butt-Welding Reducing Fittings



AVAILABLE MATERIALS

- Carbon Steel / Mild Steel (ASTM A234 WPB)
- Stainless Steel (304 / 304L / 316 / 316L / 321 / 347 / 310)
- Alloy Steel (WP5 / WP9 / WP11 / WP22 / WP91)
- Duplex & Super Duplex (2205 / 2507)
- Nickel & Special Alloys (Inconel / Hastelloy / Monel & more)



BUILT FOR CRITICAL SYSTEMS.
TRUSTED IN EVERY INDUSTRY.



OIL & GAS



CHEMICAL



PETROCHEMICAL



POWER



PHARMACEUTICAL



FOOD & DAIRY



WATER &
WASTEWATER



WWW.MAGNAINDUSTRY.COM



contactus@magnaindustry.com

PRODUCT RANGE

COMPLETE RANGE. PRECISION ENGINEERED.

Our Butt Weld Fittings are manufactured with tight dimensional tolerances and smooth finishes, ensuring leak-proof performance and long service life in high-pressure and critical piping systems.



HIGH
INTEGRITY



PRECISE
DIMENSIONS



STRONG &
DURABLE



RELIABLE
PERFORMANCE

ELBOWS 45°



- 1/2" NB to 48" NB
- SCH 10 to SCH XXS

ELBOWS 90°



- 1/2" NB to 48" NB
- SCH 10 to SCH XXS

ELBOWS 180°



- 1/2" NB to 48" NB
- SCH 10 to SCH XXS

EQUAL TEES



- 1/2" NB to 48" NB
- SCH 10 to SCH XXS

REDUCING TEES



- 1/2" NB to 48" NB
- SCH 10 to SCH XXS

CONCENTRIC REDUCERS



- 1/2" NB to 48" NB
- SCH 10 to SCH XXS

ECCENTRIC REDUCERS



- 1/2" NB to 48" NB
- SCH 10 to SCH XXS

CAPS



- 1/2" NB to 48" NB
- SCH 10 to SCH XXS

STUB ENDS



- 1/2" NB to 48" NB
- SCH 10 to SCH XXS

CROSSES



- 1/2" NB to 36" NB
- SCH 10 to SCH XXS

LATERALS



- 2" NB to 24" NB
- As per requirement

PIGGABLE FITTINGS



- 2" NB to 24" NB
- Custom sizes available

LONG RADIUS ELBOWS



- 1/2" NB to 48" NB
- SCH 20 to SCH XXS

MITRE BENDS



- 1/2" NB to 48" NB
- SCH 10 to SCH XXS

CUSTOM / SPECIAL FITTINGS



- As per Drawing
- As per Requirement

AVAILABLE MATERIALS

- Carbon Steel / Mild Steel (A234 WPB)
- Stainless Steel (304 / 304L / 316 / 316L / 321 / 347 / 310)
- Alloy Steel (WP5 / WP9 / WP11 / WP22 / WP91)
- Duplex & Super Duplex (2205 / 2507)
- Nickel & Special Alloys (Inconel / Hastelloy / Monel & more)



TYPICAL APPLICATIONS



Oil & Gas



Petrochemical



Chemical Processing



Water & Wastewater



Power Generation



Pharmaceutical



Food & Dairy



Refineries & Plants



STANDARDS
COMPLIANCE

ASME B16.9
Factory Made
Butt Weld Fittings

ASME B16.28
Wrought Butt-Welding
Long Radius Returns

MSS-SP-43
Wrought Butt-Welding
Fittings

MSS-SP-75
Butt-Welding
Reducing Fittings



WWW.MAGNAINDUSTRY.COM



contactus@magnaindustry.com

DIMENSIONS/ SPECIFICATIONS

ENGINEERED FOR ACCURACY. BUILT FOR PERFORMANCE.

Our Butt Weld Fittings are manufactured as per ASME B16.9 and B16.28 standards to ensure precise dimensions, perfect fit-up, and long-lasting performance in critical piping systems.



PRECISE
DIMENSIONS



CONSISTENT
QUALITY



STANDARD
COMPLIANCE



RELIABLE
PERFORMANCE

DIMENSIONAL DATA (ASME B16.9)

All Dimensions are in MM

ELBOWS 90° (LR)		ELBOWS 45° (LR)		EQUAL TEE			REDUCING TEE			CONCENTRIC REDUCER	
NPS	A'	NPS	A'	NPS	C	M	NPS (Run x Branch)	C	M	NPS (OD x OD)	H
1/2"	21.3	1/2"	16.0	1/2"	25	25	1 x 1/2	25	25	1 x 3/4	38
3/4"	26.7	3/4"	19.0	3/4"	29	29	1 1/2 x 1	57	57	1 1/2 x 1	51
1"	33.4	1"	22.0	1"	38	38	2 x 1	64	64	2 x 1 1/2	64
1 1/2"	48.3	1 1/2"	29.0	1 1/2"	57	57	2 x 1 1/2	64	64	2 1/2 x 2	76
2"	60.3	2"	35.0	2"	64	64	3 x 1	86	86	3 x 2	89
2 1/2"	73.0	2 1/2"	44.0	2 1/2"	76	76	3 x 2	86	86	3 x 2 1/2	89
3"	88.9	3"	51.0	3"	86	86	4 x 3	105	105	4 x 3	102
4"	114.3	4"	64.0	4"	105	105	4 x 3	105	105	6 x 4	127
6"	168.3	6"	95.0	6"	143	143	6 x 2	143	143	8 x 6	152
8"	219.1	8"	127.0	8"	178	178	6 x 3	143	143	10 x 8	178
10"	273.0	10"	159.0	10"	216	216	6 x 4	143	143	12 x 10	203
12"	323.9	12"	190.0	12"	254	254	8 x 4	178	178	14 x 12	229
14"	355.6	14"	222.0	14"	279	279	8 x 6	178	178	14 x 14	254
16"	406.4	16"	254.0	16"	305	305	10 x 6	216	216	18 x 16	279
18"	457.0	18"	286.0	18"	343	343	12 x 8	254	254	20 x 18	305
20"	508.0	20"	318.0	20"	381	381	14 x 10	279	279	24 x 20	368
24"	609.6	24"	381.0	24"	432	432	16 x 12	305	305		

Note: LR - Long Radius (1.5D) | NPS - Nominal Pipe Size | OD - Outside Diameter

ECCENTRIC REDUCER		CAPS		STUB ENDS (LONG)			CROSSES		LATERALS (BRANCH OUTLET)		
NPS (OD x OD)	H	NPS	E	NPS	F	G	NPS	M	NPS (Run x Branch)	C	M
1 x 3/4	38	1/2"	25	1/2"	50	16	1/2"	25	2 x 1	64	38
1 1/2 x 1	51	3/4"	25	3/4"	50	16	3/4"	29	2 x 1 1/2	64	57
2 x 1 1/2	64	1"	38	1"	50	16	1"	38	3 x 1	86	38
2 1/2 x 2	76	1 1/2"	38	1 1/2"	50	16	1 1/2"	57	3 x 2	86	64
3 x 2	89	2"	38	2"	63	19	2"	64	4 x 2	105	64
3 x 2 1/2	89	2 1/2"	51	2 1/2"	63	19	2 1/2"	76	4 x 3	105	86
4 x 3	102	3"	51	3"	76	22	3"	86	6 x 2	143	64
6 x 4	127	4"	64	4"	76	22	4"	105	6 x 3	143	86
8 x 6	152	6"	89	6"	89	22	6"	143	6 x 4	143	105
10 x 8	178	8"	102	8"	102	25	8"	178	8 x 4	178	105
12 x 10	203	10"	127	10"	127	25	10"	216	8 x 6	178	143
14 x 12	229	12"	152	12"	152	25	12"	254			
16 x 14	254	14"	165	14"	152	25	14"	279			
18 x 16	279	16"	178	16"	152	32	16"	305			
20 x 18	305	18"	203	24"	203	32					
24 x 20	368	20"	203								
		24"	254								

F - Length through Hub | G - Minimum Thickness

All dimensions are subject to manufacturing tolerances.



QUALITY. PRECISION. RELIABILITY.
FITTINGS THAT KEEP INDUSTRIES MOVING.



WWW.MAGNAINDUSTRY.COM



contactus@magnaindustrial.com



+91 7669886650

SOCKET WELD & THREADED

SMALL FITTINGS. BIG IMPACT.

Our Forged Fittings are precision-engineered for high-pressure piping systems. Available in Socket Weld (SW) and Threaded (THD) ends, these fittings ensure strength, reliability and long-lasting performance in critical applications.



LEAK-PROOF PERFORMANCE

Tight, secure connections designed to withstand high pressure.



STRONG & DURABLE

Forged from high-quality materials for superior strength and durability.



PRECISE MANUFACTURING

Accurate dimensions for perfect fit and trouble-free installation.



CORROSION RESISTANT

Superior finish for enhanced resistance to corrosion.



WIDE RANGE OF SIZES

Extensive range to suit various piping systems and applications.

OUR FORGED FITTINGS RANGE

SOCKET WELD (SW)

COUPLING



SIZE RANGE
1/8" to 4"

HALF COUPLING



SIZE RANGE
1/8" to 4"

EQUAL TEE



SIZE RANGE
1/8" to 4"

REDUCING TEE



SIZE RANGE
1/8" x 1/8"
to 4" x 4"

90° ELBOW



SIZE RANGE
1/8" to 4"

45° ELBOW



SIZE RANGE
1/8" to 4"

UNION



SIZE RANGE
1/8" to 4"

SOCKET (SW)



SIZE RANGE
1/8" to 4"

THREADED (SW x THD)



SIZE RANGE
1/8" to 4"

BUSHING (SW x THD)



SIZE RANGE
1/8" to 4"

HEX NIPPLE



SIZE RANGE
1/8" to 4"

HEX PLUG



SIZE RANGE
1/8" to 4"

THREADED (THD)

COUPLING



SIZE RANGE
1/8" to 4"

REDUCING COUPLING



SIZE RANGE
1/8" x 1/8"
to 4" x 4"

EQUAL TEE



SIZE RANGE
1/8" to 4"

REDUCING TEE



SIZE RANGE
1/8" x 1/8"
to 4" x 4"

90° ELBOW



SIZE RANGE
1/8" to 4"

45° ELBOW



SIZE RANGE
1/8" to 4"

UNION



SIZE RANGE
1/8" to 4"

HEX NIPPLE



SIZE RANGE
1/8" to 4"

BUSHING



SIZE RANGE
1/8" x 1/8"
to 4" x 4"

HEX PLUG



SIZE RANGE
1/8" to 4"

CAP



SIZE RANGE
1/8" to 4"

STREET ELBOW



SIZE RANGE
1/8" to 2"

MATERIALS AVAILABLE

- CARBON STEEL (ASTM A105)
- STAINLESS STEEL (ASTM A182 F304 / F316)
- ALLOY STEEL (ASTM A182 F11 / F22)



APPLICATIONS

- Oil & Gas
- Petrochemical
- Chemical Processing
- Power Generation
- Water Treatment
- Fire Fighting Systems
- HVAC Systems
- Industrial Piping

STANDARDS & SPECIFICATIONS

- Manufactured as per ASME B16.11
- Forged Fittings, Socket-Weld and Threaded
- 100% Pressure Tested
- NPT / BSPT Threads as per ASME B1.20.1
- Material Test Certificates available



**STRONGER FITTINGS.
STRONGER SYSTEMS.
STRONGER FUTURE.**



HIGH STRENGTH



PREMIUM QUALITY



TRUSTED PERFORMANCE



LASTING RELIABILITY



WWW.MAGNAINDUSTRY.COM



contactus@magnaindustry.com



+91 7669886650

FLANGES OVERVIEW & TYPES

FLANGES OVERVIEW

**BUILT TO CONNECT.
BUILT TO LAST.**

Magna flanges are manufactured to international standards for safe, strong and leak-proof connections in piping systems. Available in a wide range of types, sizes, materials and pressure classes to suit every industrial need.



RELIABLE PERFORMANCE

Precision engineered for strength, durability and leak-proof service.



PRECISE MANUFACTURING

Accurate dimensions ensure perfect fit and easy installation.



QUALITY ASSURED

Made from tested materials and manufactured as per international standards.



STRONG CONNECTIONS

Designed to withstand high pressure, vibration and temperature.



WIDE RANGE OF OPTIONS

Multiple types, pressure classes, materials and sizes available.

TYPES OF FLANGES

WELD NECK



High strength and excellent fatigue resistance. Used in high pressure, high temperature systems.

SLIP ON



Easy to install and cost effective. Commonly used in low pressure systems.

BLIND



Used to close the end of a piping system, or for future expansion.

SOCKET WELD



Socket weld connection provides excellent strength and leak-proof service.

THREADED



Internal threads allow easy connection without welding. Ideal for low pressure applications.

LAP JOINT



Used with stub end. Allows easy alignment and rotation of the flange.

REDUCING



Connects pipes of different sizes in a piping system.

ORIFICE



Used with orifice plate for measuring flow rate in piping systems.

LONG WELD NECK



Provides better stress distribution and is ideal for critical applications.

SPECTACLE BLIND



Used to isolate sections of piping system for maintenance.

MATERIALS AVAILABLE

- CARBON STEEL (ASTM A105)
- STAINLESS STEEL (ASTM A182 F304 / F304L / F316 / F316L)
- ALLOY STEEL (ASTM A182 F11 / F22 / F5 / F9)
- DUPLEX & SUPER DUPLEX STEEL
- OTHER MATERIALS ON REQUEST



STANDARDS & SPECIFICATIONS

- Manufactured as per ASME B16.5
- Also available as per ASME B16.47 Series A & B
- Pressure Classes: 150#, 300#, 600#, 900#, 1500#, 2500#
- Face Types: RF (Raised Face), FF (Flat Face), RTJ (Ring Type Joint)
- NACE MR0175 / ISO / EN standards available on request



APPLICATIONS

- Oil & Gas Pipelines
- Petro available Plants
- Water Supply & Treatment
- Power Generation
- HVAC & Chilled Water Systems
- Chemical & Process Industries
- Industrial Piping Systems
- Infrastructure Projects

KEY FEATURES



100% Dimensional Accuracy



High Pressure Handling Capacity



Corrosion & Rust Resistance



Superior Surface Finish



Easy Installation & Maintenance



Quality Tested & Certified



VALVES & FLOW CONTROL

Magna Business Group offers a comprehensive range of high-performance valves for isolation, regulation, protection and flow control across critical process applications. Our valves are sourced from reputed manufacturers and are built to deliver safety, efficiency and long service life in demanding industrial conditions.



SAFETY ASSURED

Engineered for leak-tight performance and operational safety



QUALITY ASSURED

Manufactured as per international standards with 100% testing



WIDE RANGE

Complete range for every application and industry



ON-TIME DELIVERY

Strong inventory & reliable supply chain across India

OUR VALVE RANGE

1. ISOLATION VALVES



- Ball Valves
- Gate Valves
- Butterfly Valves
- Plug Valves

2. CONTROL & REGULATION VALVES



- Globe Valves
- Control Valves
- Pressure Reducing Valves
- Pressure Control Valves

3. NON-RETURN / PROTECTION VALVES



- Check Valves
- Dual Plate Check Valves
- Lift Check Valves
- Foot Valves
- Safety / Relief Valves

4. SPECIAL PROCESS VALVES



- Diaphragm Valves
- Needle Valves
- Pinch Valves
- Knife Gate Valves
- Lined Valves

5. VALVE ACTUATION



- Manual
- Pneumatic
- Electric
- Hydraulic

MATERIALS / CONSTRUCTION



Carbon Steel (WCB)



Stainless Steel (304 / 316 / 316L)



Alloy Steel (WC6 / WC9 / CF8M / CN7M)



Cast Iron (CI)



Ductile Iron (DI)



Forged Steel (A105 / F11 / F22)



Special Alloys (Duplex / Hastelloy)

DESIGNED & MANUFACTURED AS PER INTERNATIONAL STANDARDS



API 600
API 602



ASME B16.34



ANSI B16.10



ISO 9001:2015



BS EN Standards

TESTING & MANUFACTURING



100% Hydrostatic Testing



Shell & Seat Leak Test



NDT & PMI (As Required)



Performance Test (As Applicable)



Certified MTC & Test Reports

APPLICATIONS



Oil & Gas



Refineries



Petrochemicals



Chemical



Power Generation



Water & Wastewater



Pharmaceuticals



Food & Beverage



Pulp & Paper



Infrastructure

WHY CHOOSE MAGNA BUSINESS GROUP?

- ✓ Extensive range to meet all project requirements
- ✓ Quality products from trusted & reputed manufacturers
- ✓ Technical support for product selection
- ✓ Competitive pricing with assured quality
- ✓ Pan-India supply network & on-time delivery



ONE PARTNER.
ENDLESS POSSIBILITIES.



WWW.MAGNAINDUSTRY.COM



contactus@magnaindustry.com



+91 7669886650

COMPRESSION TUBE FITTINGS

SMALL PART. BIG IMPACT.

Magna Compression Tube Fittings provide leak-proof, high-integrity connections for instrumentation and process tubing systems. Easy to install, reusable and designed to perform in the most demanding environments.



LEAK-PROOF PERFORMANCE

Precision engineered for zero leakage and long-lasting safety.



HIGH PRESSURE CAPACITY

Designed to withstand high pressure and extreme conditions.



STRONG & DURABLE

Manufactured from high quality materials for superior strength.



EASY TO INSTALL

Simple assembly with wrench tight connection. No special tooling required.



WIDE RANGE

Extensive range of types, sizes and configurations to suit various applications.



QUALITY ASSURED

Made as per international standards and 100% tested for accuracy and reliability.

TYPES OF COMPRESSION TUBE FITTINGS

UNION



Straight connection for joining two tubes.

REDUCING UNION



Connects two tubes of different outer diameters.

ELBOW (90°)



Changes direction of tubing at 90 degrees.

REDUCING ELBOW



90° connection between tubes of different sizes.

TEE



Connects three tubes in a run.

REDUCING TEE



Connects three tubes of different sizes.

CROSS



Connects four tubes in multiple directions.

BULKHEAD UNION



For connecting tubes through a panel or bulkhead.

MALE CONNECTOR



Connects tube to female threaded port.

FEMALE CONNECTOR



Connects tube to male threaded port.

MALE ELBOW



90° connection to female threaded port.

FEMALE ELBOW



90° connection to male threaded port.

MALE BRANCH TEE



Branch connection with male threaded outlet.

FEMALE BRANCH TEE



Branch connection with female threaded outlet.

PLUG



Closes the end of a tube connection.

CAP



Protects the end of a tube.

NUT & FRONT FERRULE



Front ferrule grips the tube for leak-proof sealing.

BACK FERRULE



Back ferrule provides mechanical support.

MATERIALS AVAILABLE

- STAINLESS STEEL 316 / 316L
- STAINLESS STEEL 304
- BRASS (CZ 121)
- CARBON STEEL
- OTHER MATERIALS ON REQUEST



TUBE OD SIZE RANGE



1/8" (3mm) to 2" (50mm)

All sizes available in Metric and Inch

APPLICATIONS

- Instrumentation & Control Systems
- Oil & Gas / Petrochemical
- Chemical & Process Industry
- Hydraulic & Pneumatic Systems
- Water Treatment Plants
- Power Generation
- Refineries & Fertilizer Plants

STANDARDS & SPECIFICATIONS

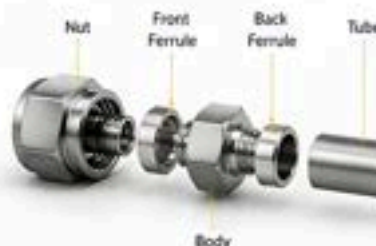
- Manufactured as per ISO 8434-1 / BS 5200 / DIN 2353
- Threads as per ISO 7-1 (BSPT), ISO 228 (BSPP), NPT, UNF
- Pressure Rating up to 6000 PSI (varies by size & material)
- 100% Hydro Test & Leak Test Performed

KEY FEATURES

- ✓ Double ferrule design for maximum sealing and vibration resistance.
- ✓ Reusable and easy to disconnect & reconnect.
- ✓ Suitable for high pressure, high temperature and corrosive environments.
- ✓ Compact design for tight installations.
- ✓ Excellent vibration, shock and pulse resistance.

HOW IT WORKS

The compression fitting uses a front and back ferrule system. When the nut is tightened, the front ferrule grips the tube and creates a leak-proof seal, while the back ferrule holds the tube firmly in place.



PRESSURE RATING GUIDE

TUBE OD	MAX WORKING PRESSURE	
	SS 316	BRASS
1/8"	6000 PSI	3000 PSI
1/4"	6000 PSI	3000 PSI
3/8"	5000 PSI	2500 PSI
1/2"	4000 PSI	2000 PSI
3/4"	3000 PSI	1500 PSI
1	2500 PSI	1200 PSI
1-1/2"	2000 PSI	1000 PSI
2	1500 PSI	750 PSI

Note: Pressure ratings are at 25°C.
Ratings may vary with temperature and tube material.



**SECURE CONNECTIONS.
STRONGER SYSTEMS.**



WWW.MAGNAINDUSTRY.COM



contactus@magnaindustry.com



+91 7669886650

INSTRUMENTATION FITTINGS

PRECISION CONNECTIONS. CRITICAL PERFORMANCE.

Magna Business Group offers a complete range of instrumentation fittings designed for accurate measurement, safe operation and leak-free performance in critical process applications.



HIGH PRESSURE RATED

Withstands extreme process conditions.



ACCURATE FLOW CONTROL

Ensures system integrity.



LEAK-FREE PERFORMANCE

Precision-engineered for tight sealing.



CORROSION RESISTANT

Long service life in harsh environments.



WIDE APPLICATION RANGE

Suitable for diverse instrumentation systems.

TYPES OF INSTRUMENTATION FITTINGS

COMPRESSION FITTINGS



- ✓ Leak-tight, vibration resistant.
- ✓ No special tools required.
- ✓ Suitable for high & low pressure.

TUBE FITTINGS



- ✓ Connect, branch & terminate tubing.
- ✓ For precise flow control.
- ✓ Available in SS316 / SS304 / Brass.

NIPPLE FITTINGS



- ✓ Connects male and female threads.
- ✓ Ideal for panel mounting.
- ✓ High strength & reliability.

ELBOW FITTINGS



- ✓ Changes direction of flow.
- ✓ Compact & space saving.
- ✓ Leak-free performance.

TEE FITTINGS



- ✓ Branches flow into multiple directions.
- ✓ Equal or reducing type.
- ✓ Precision engineered.

UNION FITTINGS



- ✓ Allows easy disassembly.
- ✓ Leak-tight reassembly.
- ✓ For maintenance convenience.

PLUGS & CAPS



- ✓ Seals unused ports.
- ✓ Prevents leakage.
- ✓ High pressure resistance.

FERRULES & ACCESSORIES



- ✓ Ensures perfect grip.
- ✓ Compatible with instrumentation tubing.
- ✓ Long-lasting sealing.



MATERIAL GRADES & STANDARDS

MATERIAL	GRADE / SPECIFICATION	STANDARDS
Stainless Steel	SS304 / SS316 / 316L	ASTM A276, A182
Brass	C36000 / CZ121	ASTM B16
Carbon Steel	A105 / 20#	ASTM A105
Others	Monel, Inconel (Higher Grade)	On Request



APPLICATIONS



Process Instrumentation



Food & Beverage



Oil & Gas



Power & Energy



Petrochemicals



Water Treatment



Pharmaceutical



Chemical Plants



ENGINEERED FOR
PRECISION



BUILT FOR
LONG-TERM RELIABILITY



TRUSTED IN
CRITICAL APPLICATIONS



STRONG FITTINGS.
STRONGER SYSTEMS.



WWW.MAGNAINDUSTRY.COM



contactus@magnaindustry.com



+91 7669886650

SPECIAL / PROJECT-SPECIFIC FITTINGS

WHEN STANDARD ISN'T ENOUGH, WE ENGINEER THE RIGHT FIT.

Our Special / Project-Specific Fittings are designed and manufactured to meet unique project requirements, intricate piping layouts and non-standard specifications. From complex geometries to critical applications – we deliver solutions that ensure safety, reliability and long-term performance.



PROJECT FOCUSED

Solutions tailored to your exact requirements.



ENGINEERING EXCELLENCE

Precision design & manufacture for perfect fit.



QUALITY ASSURED

Tested to international standards for safety & reliability.



STRONG & RELIABLE

Built for high pressure, high temperature & critical conditions.



APPLICATION EXPERTISE

Support for complex piping systems & infrastructure projects.



TRUSTED PARTNER

Delivered to major industrial & infrastructure projects.

OUR SPECIAL / PROJECT-SPECIFIC FITTINGS RANGE

CUSTOM BEND FITTINGS



- Custom Radius (LR / SR)
- Any Angle (15° to 180°)
- Center to Face / Center to Center
- Thick / Thin wall as per requirement

OFFSET & ECCENTRIC FITTINGS



- Eccentric Reducers
- Concentric Reducers
- Offset Connections
- Custom Dimensions

BESPOKE / SPECIAL TEES



- Unequal & Equal Branch
- Custom Branch Angle
- Reinforced & Strengthened Tees
- As per P&ID / Project Drawing

SPECIAL Y & LATERAL CONNECTIONS



- Lateral / Y Branch Connections
- Custom Angle (15° to 90°)
- Reinforced / Gusseted Options
- For side inlet / outlet systems

SPECIAL REDUCERS & TRANSITIONS



- Large to Small Diameter
- Multi-Step Reducers
- Custom Wall Thickness
- Smooth Flow Transition

SPOOL PIECES



- Spool Fabrication as per P&ID
- With / Without Flanges
- Any Length & Schedule
- Ready for Installation

EXPANSION JOINTS & COMPENSATORS



- Metallic Bellows
- Expansion Joints
- Custom Length & Rating
- Absorb Vibration & Movement

NOZZLES & WELDOLETS



- Nipolet, Thredolet, Sockolet, Weldolet, Latrolet
- As per MSS SP-97
- Custom Size & Schedule

MANIFOLDS & HEADER CONNECTIONS



- Custom Fabricated Manifolds
- Inlet / Outlet Configuration
- Pressure & Flow Optimized
- As per Project Drawings

SPECIAL FLANGED FITTINGS



- Special Flanged Elbows / Tees
- High Pressure Flanged Fittings
- Drilling as per Project Standard
- RTJ / Raised Face / Flat Face

MATERIALS AVAILABLE

- CARBON STEEL (ASTM A234 WPB / WPC)
- STAINLESS STEEL (304 / 304L / 316 / 316L)
- LOW TEMPERATURE CARBON STEEL
- ALLOY STEEL (P11, P22, P5, P9, P91)
- DUPLEX & SUPER DUPLEX
- NICKEL ALLOYS (INCONEL, MONEL, HASTELLOY)
- OTHER MATERIALS ON REQUEST



SIZE RANGE

1/2" (15NB) to 48" (1200NB)

Sch. 5S to Sch. XXS

Custom sizes, wall thickness and configurations available as per project requirement.



KEY FEATURES

- ✓ Designed as per project drawings & specifications
- ✓ Dimensional accuracy & high-quality finishing
- ✓ Suitable for high pressure, high temperature & corrosive services
- ✓ NDT, Hydro test & PMI as per project requirements
- ✓ Heat number traceability & material certification
- ✓ On-time delivery with proper packaging & tagging

CUSTOMIZATION OPTIONS

- ✕ Custom dimensions & thickness
- ✕ End connections: BW / SW / THD / Flanged / Victaulic
- ✕ Special angles & offsets
- ✕ Project tagging & marking
- ✕ Painting, coating & wrapping
- ✕ Pre-fabrication & assembly support

STANDARDS COMPLIED

- ASME B16.9, B16.25, B16.28, B16.11
- MSS SP-75, SP-79, SP-97
- ASTM A234, A420, A403, A105
- API 5L, API 6D (on request)
- ISO 9001:2015 Certified



TYPICAL APPLICATIONS

- Oil & Gas Pipelines
- Refineries & Petrochemical Plants
- Power Plants
- Water & Wastewater Systems
- Chemical & Fertilizer Plants
- Shipbuilding & Marine Projects
- Infrastructure & EPC Projects

ENGINEERED FOR YOUR PROJECT. BUILT FOR PERFORMANCE.

From complex geometries to critical connections, Magna delivers fittings that fit your system perfectly and perform flawlessly.



ENGINEERED SOLUTIONS.
TRUSTED RESULTS.



CUSTOM SOLUTIONS.
PROJECT EXCELLENCE.



WWW.MAGNAINDUSTRY.COM



contactus@magnaindustry.com



+91 7669886650

MATERIAL GRADES & STANDARDS

BUILT ON QUALITY. CERTIFIED BY STANDARDS.

We use premium raw materials from approved manufacturers and ensure full compliance with international standards. Every fitting we supply is manufactured for strength, durability, and long-term reliability.



PREMIUM MATERIALS

Sourced from reputed mills worldwide.



INTERNATIONAL STANDARDS

Manufactured as per global standards and specifications.



CONSISTENT QUALITY

Strict quality control at every stage of manufacturing.



TRACEABLE & CERTIFIED

Mill test certificates (MTC) & full traceability.



WIDE COMPATIBILITY

Suitable for diverse industries and applications.



RELIABLE PERFORMANCE

Built to perform in demanding operating conditions.

MATERIAL GRADES – OVERVIEW

CARBON STEEL (CS)

GRADE	EQUIVALENT	STANDARD
A105	1.0432 / C22.8	ASTM A105
A350 LF2	1.0566 / P250GH	ASTM A350
A234 WPB	1.0345 / P235GH	ASTM A234
A420 WPL6	1.7357	ASTM A420
A694 F52	1.0577 / P255NH	ASTM A694
A694 F60	1.7380 / P460NH	ASTM A694
A694 F65	1.7383 / P690QH	ASTM A694
A694 F70	1.7735 / P690QH	ASTM A694

STAINLESS STEEL (SS)

GRADE	EQUIVALENT (UNS)	STANDARD
304	S30400	ASTM A182
304L	S30403	ASTM A182
316	S31600	ASTM A182
316L	S31603	ASTM A182
321	S32100	ASTM A182
347	S34700	ASTM A182
Duplex 2205	S32205	ASTM A182
Super Duplex 2507	S32750	ASTM A182

ALLOY STEEL (AS)

GRADE	EQUIVALENT	STANDARD
F11 / P11	1.7335	ASTM A182
F22 / P22	1.7380	ASTM A182
F5	1.7342	ASTM A182
F9	1.7386	ASTM A182
F91	1.4903	ASTM A182
F92	1.4901	ASTM A182
F12	1.5415	ASTM A182
F 304H	S30409	ASTM A182

NICKEL ALLOYS

GRADE	UNS	STANDARD
Inconel 600	N06600	ASTM B564
Inconel 625	N06625	ASTM B564
Inconel 718	N07718	ASTM B564
Monel 400	N04400	ASTM B564
Monel K500	N05500	ASTM B564
Hastelloy C276	N10276	ASTM B574
Hastelloy C22	N06022	ASTM B574
Alloy 20	N08020	ASTM B462

COPPER & COPPER ALLOYS

GRADE	EQUIVALENT	STANDARD
Copper 90/10 (Cu-Ni)	C70600	ASTM B466
Copper 70/30 (Cu-Ni)	C71500	ASTM B466
Admiralty Brass	C44400	ASTM B283
Aluminium Bronze	C95400	ASTM B148
Nickel Aluminium Bronze	C95800	ASTM B148

OTHER MATERIALS

GRADE	EQUIVALENT	STANDARD
Titanium Gr.2	R50400	ASTM B381
Titanium Gr.5	R56400	ASTM B381
Zirconium 702	R60702	ASTM B653
PP (Polypropylene)	—	ASTM D4101
PVC (Polyvinyl Chloride)	—	ASTM D1785

FORGED FITTINGS MATERIAL CLASSIFICATION (AS PER MSS SP-83)

MATERIAL CLASS	MATERIAL
Class 150	A105, LF2, F304, F316, F11, F22, etc.
Class 300	A105N, LF2 CL3, F304L, F316L, F11 CL3, etc.
Class 600	A105N, LF2 CL3, F316, F11 CL3, F22 CL3, etc.
Class 900	F304, F316, F11 CL3, F22 CL3, etc.
Class 1500	F11 CL3, F22 CL3, F91, F92, etc.
Class 2500	F22 CL3, F91, Alloy 625, Alloy 718, etc.

STANDARDS WE COMPLY WITH



ASTM STANDARDS

- A105 / A105M
- A182 / A182M
- A234 / A234M
- A350 / A350M
- A694 / A694M
- A369 / A369M
- B16.11, B16.28
- B564, B574, B462



ASME STANDARDS

- B16.3 (Pipe Flanges)
- B16.5 (Flanges)
- B16.9 (Buttweld Fittings)
- B16.11 (Forged Fittings)
- B16.25 (Buttweld Ends)
- B16.28 (Wrought Steel Fittings)
- Section IX (Welding)



MSS STANDARDS

- MSS SP-83 (Forged Fittings)
- MSS SP-97 (Socket Weld Fittings)
- MSS SP-95 (Buttweld Fittings)
- MSS SP-75 (Pipe Flanges)
- MSS SP-44 (Steel Pipe)
- MSS SP-55 (Quality Standard)



ISO STANDARDS

- ISO 9001:2015 (QMS)
- ISO 14001:2015 (EMS)
- ISO 45001:2018 (OH&S)
- ISO 15614 (Welding)
- ISO 3183 (Steel Pipe)
- ISO 4144 (Flanges)



OTHER STANDARDS

- API 6D (Valves - on request)
- API 602 (Small Valves)
- NACE MR0175 / ISO 15156 (Material for Sour Service)
- AD2000-Merkblatt W0
- PED 2014/68/EU (On request)



CERTIFICATION & TESTING

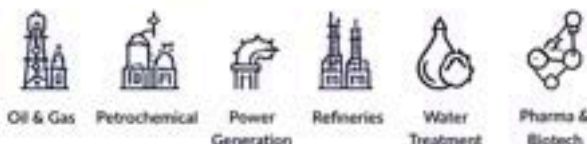
- Mill Test Certificates (EN 10204 3.1 / 3.2)
- Chemical & Mechanical Test Reports
- NDT Reports (UT / PT / MT / RT)
- Hydrostatic / Pneumatic Test Reports
- Third Party Inspection (TPI) On Request



QUALITY ASSURANCE

All materials are procured from approved manufacturers. Every batch is inspected and tested to ensure compliance with the required standards and customer specifications.

INDUSTRIES WE SERVE



QUALITY MATERIALS.
GLOBAL STANDARDS.



WWW.MAGNAINDUSTRY.COM
contactus@magnaindustry.com



+91 7669886650

INSPECTION, TESTING & DOCUMENTATION

QUALITY YOU CAN VERIFY. DOCUMENTATION YOU CAN TRUST.

At Magna, every fitting we supply is inspected, tested and documented as per international standards. Our rigorous quality processes and complete documentation ensure safety, reliability and full compliance for your critical applications.

ASSURED QUALITY
Strict inspection & testing at every stage of manufacturing.

ACCURATE TESTING
Advanced equipment for precise and reliable test results.

COMPLETE DOCUMENTATION
All test reports and certificates provided with every supply.

GLOBAL COMPLIANCE
In line with international standards and client specifications.

TRANSPARENCY & TRACEABILITY
Full traceability from raw material to finished product.

SAFETY & RELIABILITY
Built for critical applications where failure is not an option.

INSPECTION & TESTING OVERVIEW

STAGE	TYPE OF INSPECTION / TEST	STANDARD REFERENCE	PURPOSE	METHOD / EQUIPMENT
1. RAW MATERIAL INSPECTION	- Chemical Composition Test - Mechanical Property Test - Dimensional Check - Surface & Visual Inspection	ASTM A370, ASTM E415, EN 10204 Type 3.1	To ensure raw materials comply with specified grades and standards.	Optical Emission Spectrometer UTM, Vernier, Micrometer Visual Inspection
2. IN-PROCESS INSPECTION	- Dimensional Inspection - Forming & Machining Check - Weld / Thread Quality Check - Surface Finish Inspection	ASME B16.9 / B16.11 ASME B1.20.1 API 5L / ASTM A312	To ensure dimensional accuracy and process consistency.	Caliper, Micrometer, Go/No-Go Gauge Thread Plug & Ring Gauge Visual & Surface Check
3. FINAL INSPECTION	- Dimensional Verification - Pressure Test / Hydraulic Test - Leak Test - Visual & Marking Check	ASME B16.11 API 598 / MSS SP-83 ISO 5208	To ensure product performance and leak tight integrity.	Hydro Test Pump Water / Air Test Visual & Marking Inspection
4. PRE-DISPATCH INSPECTION	- Packing & Marking Check - Quantity Verification - Document Verification - Final Visual Inspection	Client Specification Purchase Order Packing Standard	To ensure correct packing, marking and documentation before dispatch.	Packing List Verification Label & Marking Check Visual Inspection

TYPES OF TESTS WE PERFORM

- Chemical Analysis (PMI / Spectro)
- Tensile Test
- Hardness Test
- Impact Test
- Flattening Test
- Flaring Test
- Micro & Macro Examination
- Hydrostatic Pressure Test
- Pneumatic Test
- Non-Destructive Testing (NDT) (UT / PT / MT / RT)
- Dye Penetrant Test (PT)
- Surface Roughness Test

ACCEPTANCE CRITERIA

- DIMENSIONAL**
As per applicable standard and drawing tolerances.
- PRESSURE / LEAK TEST**
No leakage or deformation at specified test pressure.
- VISUAL & SURFACE**
Free from cracks, pits, porosity, burrs and defects.
- MATERIAL & MECHANICAL**
Comply with specified grade and mechanical properties.
- MARKING**
Proper marking as per standard & traceability.

DOCUMENTATION WE PROVIDE

- MTC (Mill Test Certificate)**
As per EN 10204 Type 3.1 / 3.2
- Inspection Report**
Dimensional, visual & test results
- Test Certificates**
Hydro Test, NDT, Mechanical Test, etc.
- Raw Material Certificates**
Chemical & Mechanical properties
- Calibration Certificates**
Of all testing & measuring instruments
- Packing List**
Detailed quantity, size, heat no., etc.
- Certificate of Compliance**
As per customer requirement

STANDARDS WE FOLLOW

ASME B16 Series

ASTM Standards

ISO Standards

MSS SP Series

API Standards

EN Standards

Other standards followed as per client specification and project requirements.

NOTE

- All tests are performed in calibrated instruments.
- Tests are conducted by qualified & experienced personnel.
- Third party inspection (TPI) is available on request.
- NDT can be arranged through approved agencies.
- All reports are traceable to product heat/batch number.
- Documentation can be customized as per project needs.

PROCESS INDUSTRY APPLICATIONS

ENGINEERED TO PERFORM. BUILT FOR PROCESS INDUSTRIES.

From high pressure and high temperature environments to corrosive and hazardous media, Magna fittings, flanges and piping solutions are engineered to meet the rigorous demands of process industries. Our products ensure leak-tight performance, process safety, long service life and maximum plant uptime.



PROCESS RELIABILITY

Leak-tight connections that ensure safety and uptime.



HIGH PRESSURE & TEMPERATURE

Designed to perform in extreme conditions with ease.



CORROSION RESISTANCE

Materials and finishes that withstand aggressive media.



COMPLIANCE & SAFETY

Built to international standards for safe and compliant operations.



EASY MAINTENANCE

Designed for easy installation, inspection and maintenance.



TRUSTED PARTNER

Supplying critical components to leading process industries across India.

INDUSTRIES WE SERVE

OIL & GAS



- Upstream, Midstream & Downstream
- High pressure piping systems
- Critical hydrocarbon applications

PETROCHEMICAL



- Process piping systems
- Heat exchanger lines
- Utility & offsite installations

CHEMICAL



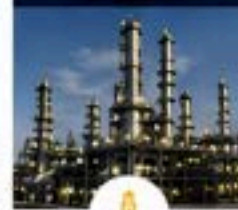
- Corrosive & aggressive chemical handling
- Reactors, columns & vessels
- Special alloy solutions

POWER GENERATION



- Boiler & turbine piping systems
- High temperature applications
- Steam, condensate & feed water lines

REFINERIES



- Process units (CDU, VDU, CCR)
- Hydroprocessing units
- Furnaces & heat transfer systems

PHARMACEUTICAL



- Hygienic piping systems
- Clean utilities (WFI, PW, CIP, SIP)
- High purity & contamination-free operations

OUR PRODUCTS IN PROCESS APPLICATIONS

PIPE FITTINGS



- Upstream, Midstream
- Butt-weld & Forged
- High Pressure & High Temperature

FLANGES



- Weld Neck, Slip On, Blind, Socket Weld
- RTJ, Lap Joint
- High Pressure Series

TUBE FITTINGS



- Instrumentation Tube Fittings
- High Integrity Leak-tight Connections

VALVES



- Ball, Gate, Globe, Check, Needle
- High Pressure Instrumentation Valves

FASTENERS



- SS & High Alloy Bolts, Nuts, Studs
- High Temperature Stud Bolting

GASKETS & SEALS



- Spiral Wound, Klinger, PTFE, Graphite
- High Temperature & Chemical Resistant

MATERIAL GRADES

- Carbon Steel (CS)
ASTM A234 WPB, WPC
- Stainless Steel (SS)
304 / 304L / 316 / 316L
- Low Temperature Steel
ASTM A420 WPL6
- Alloy Steel
ASTM A234 WP11, WP22, WP91
- Duplex & Super Duplex
F51, F53, F55, F60
- Nickel Alloys
Inconel, Monel, Hastelloy

STANDARDS WE FOLLOW

ASME	ASME B16.9, B16.11, B16.5, B16.47
ASTM	ASTM A234, A403, A182, A106, A312
API	API 4D, API 59B, API 600
ISO	ISO 9001:2015 ISO 3183, ISO 4144
MSS	MSS SP-43, SP-83, SP-95

SIZE RANGE

Pipe Fittings:	1/2" (15NB) to 48" (1200NB)
Flanges:	1/2" (15NB) to 60" (1500NB)
Tube Fittings:	1/8" OD to 2" OD (Metric & Imperial)
Custom sizes available as per project requirement.	

KEY SOLUTIONS

- High Pressure & High Temperature Piping
- Corrosion Resistant & Special Alloys
- Instrumentation Piping Solutions
- Steam & Condensate Systems
- Process Skids & Modular Piping
- Shutdown & Turnaround Support

WHY CHOOSE MAGNA?

We understand the criticality of process operations. Our engineering expertise, quality products and on-time delivery make us the preferred partner for process industries.



**ENGINEERED FOR PROCESSES.
BUILT FOR RELIABILITY.**

DESIGNED FOR DEMANDING CONDITIONS



High Temperature
Up to 1000°C+



High Pressure
Up to 6000 PSI+



Corrosive Media
Acids, Alkalies,
Solvents



Low Temperature
Applications



Coatings & Surface
Protection



Safe, Reliable
& Compliant



**ENGINEERED SOLUTIONS.
PROVEN PERFORMANCE.**



WWW.MAGNAINDUSTRY.COM



contactus@magnaindustry.com



+91 7669886650

INDUSTRIES WE SERVE



PROVEN RELIABILITY

Products built for demanding environments.



WIDE APPLICATIONS

Solutions for diverse industrial sectors.



QUALITY ASSURED

Compliant with global standards.



SAFETY & COMPLIANCE

Focused on process safety and regulatory compliance.



TRUSTED PARTNER

Preferred by leading industries across India.

INDUSTRIES WE SERVE



OIL & GAS

- Upstream, Midstream & Downstream
- High pressure piping systems
- Critical & sour service applications



PETROCHEMICAL

- Process piping systems
- Heat exchanger lines
- Utility & offsite installations



CHEMICAL

- Corrosive & aggressive chemical handling
- Reactors, columns & vessels
- Special alloy solutions



POWER GENERATION

- Boiler & turbine piping systems
- High temperature applications
- Steam, condensate & feed water lines



REFINERIES

- Process units (CDU, VDU, FCCU, CCR)
- Hydroprocessing units
- Furnaces & heat transfer systems



PHARMACEUTICAL

- Hygienic piping systems
- Clean utilities (WFI, PW, CIP, SIP)
- High purity & contamination-free operations



FOOD & BEVERAGE

- SS hygienic piping
- CIP & SIP systems
- Safe & contamination-free flow solutions



WATER & WASTEWATER

- Water treatment plants
- Pumping systems
- Corrosion resistant piping solutions



PULP & PAPER

- Process & utility piping
- High temperature & abrasion service
- Bleaching & recovery lines



STEEL PLANTS

- Raw water & cooling water systems
- Instrumentation & control lines
- High temperature applications



CEMENT

- Process gas & air piping systems
- Dust collection lines
- High wear & high temperature solutions



MARINE & SHIPBUILDING

- Fuel, lube & hydraulic systems
- Sea water & bilge piping
- Built to withstand marine conditions

OUR CAPABILITIES THAT SUPPORT EVERY INDUSTRY



ENGINEERED SOLUTIONS

Application based product selection for optimum performance.



COMPLETE PRODUCT RANGE

Pipes, Fittings, Flanges, Valves, Fasteners & Instrumentation.



QUALITY & TRACEABILITY

Mill test certificates, material traceability & full documentation.



CUSTOM SOLUTIONS

Project specific fittings, special materials & fabricated components.



TIMELY DELIVERY

Strong inventory, efficient logistics & reliable supply chain.



TECHNICAL SUPPORT

Expert support from sizing to installation & beyond.

STANDARDS WE COMPLY WITH



ASME | ASTM | API | MSS | ISO | EN | DIN

Products supplied as per international standards and client specifications.

BUILT FOR DEMANDING CONDITIONS

- ✓ High Pressure Up to 6000 PSI+
- ✓ High Temperature Up to 1000°C+
- ✓ Corrosive Media Handling

- ✓ Low Temperature Applications
- ✓ Vacuum & Cryogenic Services
- ✓ Safe, Reliable & Long Lasting



**ONE PARTNER.
ENDLESS POSSIBILITIES.**



WWW.MAGNAINDUSTRY.COM



contactus@magnaindustry.com



+91 7669886650

WHY MAGNA BUSINESS GROUP

WHO WE ARE

Magna Business Group is a leading supplier of industrial products and solutions for Process, Power, Oil & Gas, Petrochemical, Pharmaceutical and Infrastructure industries across India. With a strong foundation built on quality, reliability and customer focus, we have become a preferred partner for critical industrial requirements.

THE MAGNA ADVANTAGE



QUALITY YOU CAN TRUST

We source from reputed mills and manufacturers. Every product is tested and complies with international standards.



COMPLETE SOLUTION PROVIDER

One-stop source for pipes, fittings, flanges, valves, fasteners, instrumentation and custom-engineered solutions.



ON-TIME. EVERY TIME.

Strong inventory, efficient logistics and a well-planned supply chain ensure timely delivery and project continuity.



TECHNICAL EXPERTISE

Our experienced team understands process industries and recommends the right solution for your application.



CUSTOMER FIRST APPROACH

We believe in long-term relationships. Transparent communication, ethical business and dedicated support.



BUILT FOR PERFORMANCE

High performance products that withstand critical conditions and contribute to safe, efficient and reliable operations.

WHAT MAKES US DIFFERENT?



VERIFIED QUALITY

- Mill test certificates
- Third-party inspection
- Dimensional & visual inspection
- Complete traceability



WIDE RANGE

- Extensive product portfolio
- Multiple materials
- All major sizes & pressure classes
- Standard & customized solutions



INDUSTRY EXPERIENCE

- Deep understanding of process requirements
- Proven solutions for complex applications
- Supported by domain expertise



RELIABLE SUPPLY CHAIN

- Strong vendor base
- Optimized inventory
- Pan India delivery
- Efficient order execution



COMPLIANCE & SAFETY

- International standards compliance
- Safety and quality as top priority
- Environment conscious practices



DEDICATED SUPPORT

- Pre-sales technical support
- Order tracking & updates
- After-sales assistance
- Quick response team

TRUSTED BY INDUSTRIES. PROVEN BY PERFORMANCE.



150+ SATISFIED CUSTOMERS

Our growing customer base is a testament to the trust we build.



25+ SUCCESSFUL PROJECTS

Supplying critical materials for projects across India.



25+ YEARS OF EXPERIENCE

Strong industry experience that drives better solutions.



PAN INDIA PRESENCE

Delivering to industries across every major location in India.



100% COMMITMENT

To quality, safety, delivery and customer satisfaction.



CUSTOM ENGINEERED SOLUTIONS

Tailor-made solutions to meet your specific project needs.

INDUSTRIES WE SERVE



Oil & Gas



Petrochemical



Chemical



Power Generation



Refineries



Pharmaceutical



Water & Wastewater



Food & Beverage



Steel Plants



Cement

ONE PARTNER. ENDLESS POSSIBILITIES.

At Magna Business Group, we don't just supply products – we deliver confidence, reliability and long-term value.

LET'S BUILD A STRONGER, SAFER AND MORE EFFICIENT TOMORROW – TOGETHER.



Quality Products



Technical Expertise



Timely Delivery



Trusted Partnership



WE SET THE STANDARD OF EXCELLENCE



WWW.MAGNAINDUSTRY.COM



contactus@magnaindustry.com



+91 7669886650

SOURCING & SUPPLY CAPABILITY

OUR COMMITMENT

At Magna Business Group, sourcing is not just about procuring – it is about creating value, ensuring quality and delivering reliability. Our robust sourcing network, proven processes and inventory strength enable us to meet the most demanding project requirements across India.

WHAT WE BRING TO THE TABLE

 WIDE SOURCING NETWORK Strong tie-ups with reputed manufacturers and global suppliers ensuring authentic products and competitive pricing.	 QUALITY ASSURED SOURCING All materials sourced as per international standards with mill test certificates and full traceability.	 COST OPTIMIZATION Strategic vendor evaluation and bulk sourcing help in optimizing costs without compromising on quality.	 INVENTORY AVAILABILITY Well-planned inventory and stocking strategy ensures faster lead time and uninterrupted supply.	 ON-TIME DELIVERY Strong logistics network and disciplined execution ensure on-time delivery across India.	 LONG TERM PARTNERSHIPS We build long-term relationships with our partners and customers based on trust and performance.
--	---	--	---	--	--

OUR SOURCING & SUPPLY PROCESS



OUR SOURCING CAPABILITY AT A GLANCE

 150+ Trusted Vendors Across India & Globally	 25+ Industries Catered	 2000+ Products Available	 100% Quality & Compliance Assured	 PAN INDIA Supply & Delivery Network	 Strong Inventory & Stocking Capability	 On-Time Delivery Track Record of Excellence
---	---	---	--	---	---	--

WIDE RANGE. ONE SOURCE.

PIPE & TUBES	PIPE FITTINGS	FLANGES	VALVES	FASTENERS	INSTRUMENTATION FITTINGS	GASKETS & SEALS
						
• Seamless / ERW / Welded • CS / SS / Alloy Steel • Sch 5S to XXS • ASME / ASTM / IS	• Buttweld / Forged / Threaded • Elbows, Tees, Reducers, Caps • CS / SS / Alloy Steel • Seamless & Welded	• Weld Neck, Slip On, Blind, Socket Weld, Lap Joint • RF, FF, RTJ, Tongue & Groove • ASME / ASTM / IS	• Ball, Gate, Globe, Check, Butterfly, Plug • CS / SS / Alloy Steel • Screwed / Flanged / BW	• Bolts, Nuts, Studs, Washers • CS / SS / High Tensile • ASTM / ASME / IS • Coated & Uncoated	• Tube Fittings, Valves, Manifolds, Instrument Valves • SS 316 / 316L • High Pressure Ratings	• Spiral Wound, Klinger, PTFE, CAF, Rubber • Asbestos Free • High Temp & Pressure

And Many More Industrial Products As Per Your Requirement.

OUR VENDOR PARTNERS

We work with reputed and certified manufacturers who share our commitment to quality and performance.



LOGISTICS & DELIVERY STRENGTH

-  Strong tie-ups with reliable transporters and logistics partners.
-  Pan India delivery network including remote and project sites.
-  Real-time tracking and delivery updates.
-  Safe packing, proper documentation and timely execution.



DOCUMENTATION WE PROVIDE

-  Mill Test Certificates (MTC) as per EN 10204 3.1 / 3.2
-  Third Party Inspection Reports (TPI)
-  Dimensional & Visual Inspection Reports
-  Material Traceability Records
-  Packing List & Invoice
-  Country of Origin Certificate (if required)
-  CoC / Heat Treatment / PMI Reports (if applicable)



ONE PARTNER.
ENDLESS POSSIBILITIES.



WWW.MAGNAINDUSTRY.COM
contactus@magnaindustry.com



+91 7669886650

PAN-INDIA SUPPLY NETWORK

OUR COMMITMENT

Magna Business Group has a robust Pan-India supply network designed to deliver the right products, to the right place, at the right time.

With strategically located warehouses, a wide logistics partnership and a customer-first approach, we ensure seamless supply across every corner of India.

NATIONWIDE REACH. LOCAL FOCUS.



WIDE COVERAGE

Delivering to 650+ cities and industrial locations across India.



STRATEGIC WAREHOUSES

Warehouses in key industrial hubs for faster turnaround and availability.



STRONG LOGISTICS PARTNERS

Partnered with leading transporters for reliable, safe and on-time deliveries.



OPTIMIZED INVENTORY

Right stock at the right location to meet urgent and bulk requirements.



ON-TIME DELIVERY

Disciplined planning, real-time tracking and committed timelines.



CUSTOMER FOCUS

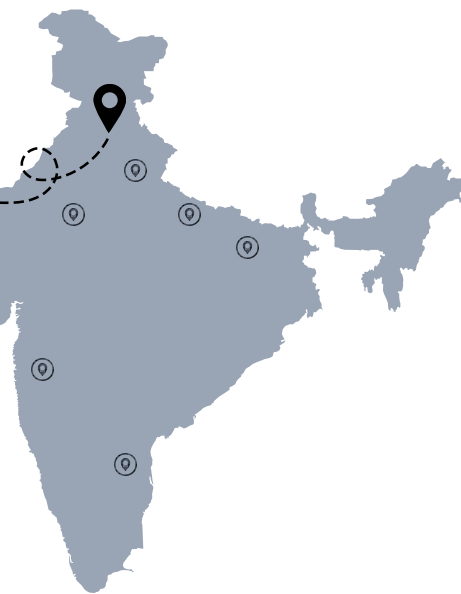
Local support teams to understand requirements and deliver the best.

OUR SUPPLY NETWORK ACROSS INDIA

OUR MAJOR WAREHOUSES

HEAD OFFICE

FARIDABAD
(HARYANA)



FARIDABAD (HO)

- Central Warehouse
- Large Inventory Pool
- Quick Dispatch Hub



MUMBAI

- Western Region Hub
- Port Connectivity
- Quick Turnaround

DELIVERING ACROSS INDUSTRIES



Oil & Gas



Petrochemical



Chemical



Power Generation



Refineries



Pharmaceutical



Water & Wastewater



Steel Plants



Cement



Food & Beverage



Infrastructure



Marine & Shipbuilding

OUR NETWORK STRENGTH



25+

Cities Served



2

Warehouses & Stock Points



150+

Logistics Partners



2000+

Products Available



98%

On-Time Delivery



100%

Customer Commitment

WHERE WE DELIVER

- ✓ Industrial Areas & Plants
- ✓ Project Sites (PAN India)
- ✓ Remote & Tier 2 / Tier 3 Locations
- ✓ Port & Coastal Areas
- ✓ Special Deliveries on Priority



OUR LOGISTICS ADVANTAGE



Dedicated transportation for bulk & urgent orders



Real-time tracking & status updates



Safe packing, handling & delivery



Optimized routes for cost & time efficiency



OUR PARTNERS (SAMPLE)



TCI EXPRESS



VRL LOGISTICS LTD.



DELHIVERY



GATI



BLUE DART



SAFEXRESS

& Many More...

DOCUMENTATION & SUPPORT

- ✓ GST Invoice & E-Way Bill
- ✓ Delivery Challan & Packing List
- ✓ Mill Test Certificates (MTC)
- ✓ Inspection & Test Reports
- ✓ Dedicated Customer Support Team



ONE NETWORK.
NATIONWIDE TRUST.



WWW.MAGNAINDUSTRY.COM



contactus@magnaindustry.com



+91 7669886650

BRAND / MANUFACTURING PARTNERS

ONE SOURCE. COMPLETE RANGE. ENGINEERED FOR EVERY CONNECTION.

Magna Business Group offers a comprehensive range of piping fittings in Carbon Steel, Stainless Steel, Alloy Steel and Special Alloys to meet the diverse needs of process industries.



HIGH QUALITY
Products meeting
global standards



WIDE RANGE
All types of fittings
under one roof



ON-TIME DELIVERY
Pan India supply
with reliability



CUSTOMER FOCUS
Dedicated support
at every step

BRAND / MANUFACTURING PARTNERS

We partner with globally recognized manufacturers to deliver products of unmatched quality and reliability.

JINDAL

Jindal Steel & Power

JSL
JINDAL STAINLESS

Jindal Stainless

KSB

KSB Limited

WOLVERINE
TUBEE, INC.

Wolverine Tube, Inc.

MST
MERCER ST

MST Mercer Street

aria
VALVES

Aria Valves

ZOLOTO
VALVES

Zoloto Valves

Swagelok

Swagelok Company

AF
AMERICAN FORGE

American Forge

VT
VALVETECH

Valvetech

Parker

Parker Hannifin

KITZ

KITZ Corporation

samson

Samson Controls

BONNEY
FORGE

Bonney Forge

VELAN
Quality that lasts.

Velan Inc.

TATA

TATA Steel

BHARAT
FORGE

Bharat Forge

L&T Valves

L&T Valves Limited

HITACHI
Inspire the Next

Hitachi Metals

ESSAR

Essar Steel

ADITYA
Stainless Steel

Aditya Stainless Steel

SHAKTI
PUMPS

Shakti Pumps

THERMAX

Thermax Limited

CRANE

Crane Fluid Systems



TRUSTED PARTNERS
Globally recognized
manufacturers



PREMIUM QUALITY
Products built to meet
global standards



STRONG COLLABORATION
Long-term relationships
for consistent supply



RELIABLE PERFORMANCE
Engineered for safety,
durability & efficiency



WIDE PRODUCT RANGE
Complete solutions for
every piping requirement

+91 129 406 8253
(Head Office - Faridabad)



contactus@magnaindustry.com



WWW.MAGNAINDUSTRY.COM

MAGNA
BUSINESS GROUP
YOUR TRUSTED INDUSTRIAL SOLUTION PARTNERS

YOUR TRUSTED
INDUSTRIAL
SOLUTION
PARTNER

WE POWER CONNECTIONS.
YOU POWER INDUSTRIES.



Your trusted partner for industrial products and solutions. Delivering quality, reliability and excellence across India for over a decade.



GET IN TOUCH

We are here to serve you.



WEBSITE

www.magnaindustry.com



EMAIL

contactus@magnaindustry.com



HEAD OFFICE

Serving industries across PAN India with strong network and support.

Faridabad, Haryana, India



**YOUR TRUSTED
INDUSTRIAL
SOLUTION PARTNER**

LET'S CONNECT. LET'S GROW TOGETHER.

For inquiries, product requirements, partnerships or any support, our team is always ready to assist you.



RESPONSIVE SUPPORT

We respond fast, because your time matters.



EXPERT TEAM

Experienced professionals who understand your industry needs.



RELIABLE PARTNER

Committed to long-term relationships built on trust and performance.



OUR LOCATIONS



FARIDABAD (HEAD OFFICE)

Central Operations, Warehousing & Corporate Functions
Haryana, India

SA-12,14,16, 2nd Floor, Crown Plaza Mall, Sector 15A, Faridabad, Haryana 121007 (INDIA)



PATNA

Regional Office – East Bihar, India

Office No. 413, at 4th floor, Ashiana Tower, exhibition Road Patna, PIN 800001

Network Office – West Bengal, India



150+
SATISFIED
CLIENTS



25+
YEARS OF
EXPERIENCE



2000+
PRODUCTS
DELIVERED



25+
CITIES
COVER



100%
SECURED &
CERTIFIED

**STRONG PRODUCTS.
STRONG PARTNERSHIPS.
STRONGER
TOMORROW.**