



VALVES FITTINGS TUBING FLANGES COUPLINGS EXPANSION JOINTS METALS





World Wide Metric

First choice for quality, service & knowledge



Established in 1970, World Wide Metric Inc. serves the Marine, Fluid Power, and Industrial markets worldwide through the wholesale distribution of valves, fittings, tubing, flanges and couplings. With the largest inventory of metric products in North America, we have the ability to work closely with engineering and purchasing departments to offer comprehensive technical support from engineering data to logistics handling. We also provide material test reports for all products and class certifications from international agencies including Lloyds, DNV, ABS, RINA among many others.

WORLD WIDE METRIC OFFERS:

More Products

We stock a comprehensive range of JIS, DIN, ANSI and BS Standard Valves, Fittings, Tubing, Flanges, and Pipe Couplings.

Expedited Service

We maintain an extensive inventory to ensure same-day shipments from our four regional distribution warehouses.

Technical Support

Our knowledgeable sales staff can transform your technical data into solutions that meet your most stringent requirements.

Response Time

With a 24/7 work ethic, our regional offices are set up to meet both urgent and scheduled maintenance requirements on your timetable.

International Distribution

Through our network of manufacturers and suppliers around the world, we can locate, coordinate, and deliver the products you need, when you need them.

Cost Effective Solutions

Our extensive product knowledge, product range, technical support, and logistical capabilities let us handle any size order or project—on time and under budget. All this makes WWM your single source for cost effective solutions.



JIS Valves

- Type: Gates, Globes, Angles, Venthead, Storm, Fire Hose, Ball, Checks (Wafer, Duo, Disc, Lift and Swing)
- Size Range: 6A–600A. Larger sizes available upon request
- Pressure Class: 5K, 10K, 16K, 20K, 30K, 40K
- Materials: Bronze, Cast Iron, Ductile Iron, Cast Steel, Forged Steel, Stainless Steel and other alloys upon request
- MTR & Class Certification are available upon request



DIN Valves

- Type: Gates, Globes, Angles, Venthead, Storm, Fire Hose, Ball, Checks (Wafer, Duo, Disc, Lift and Swing)
- Size Range: DN6 to DN600. Larger sizes available upon request
- Pressure Class: PN6, PN10, PN16, PN25, PN40, PN63, PN100 and PN160
- Materials: Bronze, Cast Iron, Ductile Iron, Cast Steel, Forged Steel, Stainless Steel and other alloys upon request
- MTR & Class Certification are available upon request



ANSI Valves

- Type: Gates, Globes, Angles, Storm, Hose, Ball, Checks (Wafer, Duo, Disc, Lift and Swing)
- Size Range: ½"–24". Larger sizes available upon request
- Pressure Class: 150, 300
- Materials: Bronze and Brass
- MTR & Class Certification are available upon request



Butterfly Valves

TOMOE Valve Co. LTD

- Range: 700S, 720F, 722F, 700G, 704G, 705G, 702Z, 773Z
- Type approvals from ABS, Lloyds, DNV and others
- Size Range: 40A–700A (1¼"–28"). Larger sizes available upon request

Wouter Witzel Eurovalve

- Range: EVS, EVL, EVCS, EVBS, EVBL, EVTLS, EVMS, EVML, EVFS, EVFL, ECV, Dynaxe-High Performance
- Type approvals from ABS, Lloyds, DNV and others
- Size Range: DN40–700 (1¼"–28"). Larger sizes available upon request

Artesian Butterfly Valves

- Wafer, Tapped Lug, Double Flanged, Teflon Lined, High Performance
- Size Range: 40mm–700mm (1¼"–28"). Larger sizes available upon request
- Actuation: Lever and Worm Gear operated. Hydraulic, Pneumatic, Motorized available upon request
- Materials: Body—Cast Iron, Ductile Iron, Steel, Stainless Steel, Bronze
Seat—NBR, EPDM, VITON, TEFLON, METAL
Disc and Stem—304 and 316L SS, Duplex SS, AL/BR



Flanges

- Slip On, Weld Neck, Blind, Lap Joint, Bulkhead, Manifold Covers, Marpol
- Specifications: DIN, JIS and ANSI Standards
- Size Range: 10mm–1500mm (3/8"–60")
- Pressure Range: JIS—5K, 10K, 16K, 20K, 30K, 40K
DIN—PN6, PN10, PN16, PN25, PN40, PN63, PN100, PN160
ANSI—150, 300
- Materials: Carbon Steel, Stainless Steel 304L & 316L and other alloys



Pipe Couplings

Grip & Multiflex Couplings and Repair clamps

- SS304 Casing, NBR & EPDM Sleeves (others available upon request)
- Size Range: 1/2"–24" (15mm–600mm) Larger sizes available upon request
- Type Approved: ABS, DNV, Lloyds and others

Dresser Style Pipe Couplings

- Style: 38 and 40
- Grade: 27 and 42 Gaskets



Expansion Joints

Rubber Expansion Joints

- Flanged to ANSI, DIN or JIS Standards
- Size Range: 1 1/4"–24" (32mm–600mm) and higher upon request
- Available Neoprene, Buna-N, EPDM, Viton

Metal Fabricated Expansion Bellows and Spool Pieces

- Flanged to ANSI, DIN or JIS Standards
- Each item is made to order

Slide Type Expansion Joints

- Flanged to ANSI, DIN or JIS Standards
- Size Range: 2"–24" (50mm–600mm)



Poly Bulk Bags, Filters and Straps

Poly Bulk Bags: An environmentally friendly bulk handling solution, utilized in a multitude of applications and industries. Including container liners, tarpaulins, agricultural, waste management and hazardous goods. Made from Polypropylene, these bulk bags are custom made to fit your specific application. Tailor made 1-, 2-, and 4- loop bags are available. Contact us for more information.

Cartridge Filters

- Material: Spun Bond Polyester
- Application: Dust cartridge for use in incinerators—as an ash filter, wood sanding, grain handling, paper processing, rubber, etc.

Straps

- Material: Woven polymer
- Application: Bale compactor strap, bundling and securing, etc.



Hydraulic Fittings

CAST S.p.A.

- Specifications:
 - DIN 2353 Compression Tube Fittings
 - SAE J514 37° Flared Tube Fittings
 - BSI 5200 Threaded Adaptors
 - SAE J1453 ORFS Fittings
 - SAE J516/ J517 Hose and Hose Fittings
- Size Range: 4mm–42mm (1/8"–2")
- Threads: NPT, BSPP, BSPT, Metric, SAE, UNF, O-Ring Boss
- Materials: Carbon Steel and Stainless Steel



Tubing—Hydraulic

Carbon Steel Precision Tubing according to DIN 2391/2445/2

- Available Phosphated, Yellow Zinc Dichromate and Chromium-VI-Free (CR6Free)
- Size Range: 4mm–60mm O.D.
- Wall Thickness: 1.0mm–5.0mm
- Grade: ST 35 and 37.4. BK and NBK

Stainless Steel Tubing according to ASTM A213/A269

- Available polished and mill finish
- Size Range: 4mm–42mm O.D.
- Wall Thickness Range: 1.0mm–4.0mm.
- Grade: 304/304L, 316/316L, 316 Ti



Fittings & Adaptors

Compression Tube Fittings—Metric and inch sizes

Flared Tube Fittings—Metric and inch sizes

Conversion Adaptors

Solder Fittings—Metric sizes; Copper Alloys

Threaded Fittings—NPT, BSPT and BSPP

Butt Weld Fittings—Metric and inch sizes

• Materials: Aluminum Brass, Brass, Bronze, Copper, Copper Nickel, Malleable Iron, Steel, Stainless Steel.



Tubing—Copper Alloys

Copper Tubes in Straight Lengths and Coiled Form

- Size Range: 4mm–108mm O.D.
- Pancake Coils Available: 10, 20, 30 meter coils. Also available in level wound coils

Copper Nickel 90/10 and 70/30

- Size Range: 6mm–508mm O.D.

Aluminum Brass Tubes

- Size Range: 12mm–108mm O.D.
- Specifications: DIN1785, BS2871, J H33300, ASTM B280



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