

FLUID POWER



VALVES

FITTINGS

TUBING

FLANGES

COUPLINGS

EXPANSION JOINTS

METALS

WORLD

WIDE

METRIC



Hydraulic Fittings—CAST S.p.A

DIN 2353 Compression Tube Fittings

- Size Range: 4LL–8LL, 6L–42L, 6S–38S
- Port Threads: NPT, BSPP, BSPT, Metric, SAE O-Ring Boss, UNF
- Type: Union, Tees, Elbows, Male Stud Couplings, Female Couplings, Reducers, Bulkhead, Adjustable, DKO Swivels, Banjos, Caps & Plugs, Bonded Washers
- Materials: Carbon Steel and Stainless Steel



SAE J514 37° Flared Tube Fittings

- Size Range: -2 to -32 ($\frac{1}{8}$ "–2") SAE $\frac{5}{16}$ "–24" to 2 $\frac{1}{2}$ "–12", 6mm–38mm
- Port Threads: NPT, BSPP, BSPT, Metric, SAE O-Ring Boss, UNF
- Type: Union, Tees, Elbows, Male Stud Couplings, Female Couplings, Reducers, Bulkhead, Adjustable
- Materials: Carbon Steel and Stainless Steel



BSI 5200 Threaded Adaptors

- Size Range: $\frac{1}{8}$ "–2"
- Port Threads: NPT, BSPP, BSPT, Metric
- Type: Nipples, Couplings, Bushings, Tees, Elbows, Reducers, Swivels
- Materials: Carbon Steel and Stainless Steel



SAE J1453 ORFS Fittings

- Size Range: -4 to -24 ($\frac{1}{2}$ "–1 $\frac{1}{2}$ ") Tubes: 6mm–38mm ($\frac{1}{4}$ "–1 $\frac{1}{2}$ ") UNF: $\frac{5}{16}$ "–8 to 2"–12
- Port Threads: NPT, BSPP, BSPT, Metric, SAE O-Ring Boss, UNF
- Type: Union, Tees, Elbows, Male Stud Couplings, Female Couplings, Reducers, Swivels, Conversion Adaptors, Bulkhead
- Materials: Carbon Steel and Stainless Steel



SAE J516/ J517 Hose and Hose Fittings

- Hose: SAE 100R1AT and R2AT, SAE 100R16 in 4SP, 4SH and R13
- Thermoplastic hose to SAE 100R7 and Teflon hose to SAE 100R14
- Size Range: -3 to -32 ($\frac{3}{16}$ "–2")
- Port Threads: NPT, BSPP, BSPT, Metric, SAE O-Ring Boss, UNF
- Flanges: Code 61 & 62 SAE flanges to SAEJ518
- Fitting 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 Range: 1.0mm–5.0mm
- Grade: ST 35 and 37.4. BK and NBK.

316L Stainless Steel Tubing according to ASTM A213/A269

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



Tubing—Copper Alloys

Copper Tubes in Straight Lengths and Coiled Form

- Specifications: DIN 1785, BS 2871, JH3300, ASTM B280
- Size Range: 4mm–108mm O.D.
- Pancake coils available: 10, 20, 30 Meter Coils.
- Also available in level wound coils



Fittings & Adaptors

Compression Tube Fittings — Metric and Inch sizes

Flared Tube Fittings — Metric and Inch sizes

Solder Fittings — Metric sizes — Copper Alloys

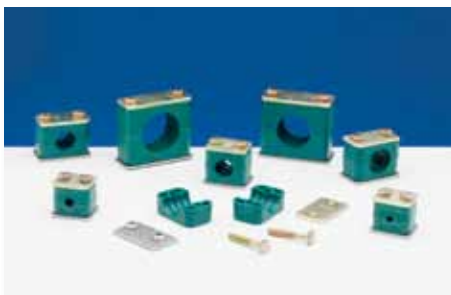
Threaded Fittings — NPT and BSP

- Type: Union, Tees, Elbows, Male Stud Couplings, Female Couplings, Reducers
- Materials: Brass, Bronze, Copper, Malleable Iron, Steel, Stainless Steel



Conversion Adaptors

- Size Range: 4mm–42mm ($\frac{1}{8}$ "–2")
- Threads: NPT, BSPP, BSPT, JIC, JIS, Metric, SAE O-Ring Boss, UNF
- Type: Union, Tees, Elbows, Couplings, Reducers, Swivels, Nipples, Bushings
- Materials: Carbon Steel, Stainless Steel and Brass



Tube Clamps

- Size Range: 6mm–42mm ($\frac{1}{8}$ "–2")
- Materials: Polypropylene, Steel and Stainless Steel Weld Plated and Bolts
- Available Standard, Heavy and Twin Series.
- Specialty chamfered clamps for hose are also available.



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