

Fittings & Flanges



FITTINGS & FLANGES | Product Range

This section presents the comprehensive range of fittings and flanges supplied by StockistHub, covering material grades, product types, manufacturing methods, applicable standards, and quality inspection scopes. All items are fully compliant with ASTM, ASME, API, and NACE specifications and verified through AI-driven quality validation and traceability.

Category	Material Grades	Product Range	Size Range	Pressure / Schedule	Standards & Specifications	Quality & Inspection Scope
Butt-Weld Fittings	Carbon Steel (A234 WPB/WPC); LTCS (A420 WPL6); Alloy Steel (A234 WP5/WP9/WP11/WP22); Stainless Steel (A403 WP304/316/321/347); Duplex / Super Duplex (A815 S31803 / S32750); Cu-Ni (90/10, 70/30)	Elbows (45°, 90°, 180°); Reducers (Concentric, Eccentric); Tees; Caps; Crosses; Laterals; Stub Ends; Nipple; Barrel; Barred Tee	½" to 132"	Sch. 10 - Sch. XXS	ASME B16.9, B16.25; MSS SP-75 (for High-Yield)	Visual & Dimensional Checks; PMI (Spectro); UT / RT (on weld seams); Hydrostatic Test; Coating Thickness Measurement
Forged Fittings	CS (A105 / A350 LF2); AS (A182 F5 / F9 / F11 / F22 / F91); SS (A182 F304 / F316 / F321 / F347); Duplex / SDSS; Cu-Ni	Socket Weld / Threaded Types; Elbows; Tees; Couplings; Plugs; Unions; Bushings; Swage Nipples; Bosses; Olets (Sockolet, Weldolet, Thredolet)	½" to 4"	Class 2000 - 9000	ASME B16.11; MSS SP-79 / SP-95 / SP-97	NDT (UT / MT / PT); Hardness & Impact Test; Dimensional Verification; Chemical / Mechanical Test; Documentation Review
Flanges	CS (A105 / A350 LF2 / A694 F42-F70); AS (A182 F11 / F22 / F91); SS / Duplex / Cu-Ni	Welding Neck; Blind; Slip-On; Socket Weld; Threaded; Lap Joint; Spectacle Blind; Spacer & Paddle	½" to 60"	Class 150 - 2500	ASME B16.5, B16.47 (A/B), MSS SP-44	Visual & Dimensional Checks; Ultrasonic & PT; Hydrostatic / Pneumatic (on request); Surface Flatness & Bolt Hole Check; Certificate Traceability
Special Components	As per client spec or drawing (Machined Fittings, Transition Pieces, Nozzles, Custom Bends)	Designed & manufactured on demand with full traceability and documentation	Custom	Custom	Client Drawing + ASME Sec VIII / B31.3	3.1 / 3.2 Certification; Witness Inspection (SGS / BV / TUV); MTC Review & Digital Archive
Branch Connections (Olets)	CS, AS, SS, Duplex, Cu-Ni	Weldolet, Thredolet, Sockolet, Elbolet, Nipolet, Sweepolet, Latrolet	½" to 24"	Class 3000 – 9000	MSS SP-97, ASME B31.3	Visual & Dimensional Checks; Radiography (RT); Hardness & PMI; Heat Treatment Validation