

Buttweld Fittings

Elbows, tees, reducers, caps, stub ends and crosses in stainless, carbon, alloy, nickel and copper alloys.

Our buttweld fittings are available in a variety of types, including elbows, tees, reducers, caps, stub ends, and crosses, made from materials like stainless steel, carbon steel, alloy steel, high nickel alloys, and copper alloys. They comply with standards such as ASME/ANSI B16.9 and B16.28, with sizes ranging from ½" NB to 48" NB and wall thicknesses from SCH 5 to SCH XXS. Designed for high performance, they come with beveled ends, support pressure ratings up to 2500#, and undergo rigorous testing with certifications like EN 10204 3.1/3.2 and NACE MR 01-75 compliance.

AVAILABLE GRADES

SA 403 WP 304 / 316 / 321 / 347 · SA 815 S31803 / S32205 / S32750 · A 234 WPB / WPC · A 234 WP 11 / WP 22 / WP 91
· Inconel 600 / 625 / 825 · Hastelloy C-22 / C-276 · Monel 400 / K500 · Titanium Gr 1-23

STAINLESS & DUPLEX STEEL BUTTWELD

Range	15 NB UP TO 1200 NB IN SCH 5S, 10S, 10, 20, 40S, 40, STD, 60, 80S, 80, XS, 100, 120, 140, 160 & XXS.
Form	Seamless & Welded Long Radius & Short Radius Elbow 90 Deg, Long Radius Elbow 45 Deg, Long Radius & Short Radius Elbow 180 Deg (Return Bend), Reducing Elbow, Equal Tee, Un Equal Tee, Crosses, Concentric Reducer, Eccentric Reducer, Long Stubend, Short Stubend, Collar, Pipe Cap, Long Radius Bends R = 3D, 5D, 6D, 8D, 10D & 20D In 15 Deg, 30 Deg, 60 Deg & 90 Deg And Drawing Based Butt Weld Fitting (Customized).
Stainless Steel	ASTM / ASME SA 403 GR WP "S" / "W" / "WX" 304, 304L, 304H, 304N, 304LN, 309, 310H, 316, 316H, 317, 317L, 321, 321H, 347, 347H
Duplex Steel	ASTM / ASME SA 815 UNS NO. S31803, S32205, S32550, S32750, S32760.

CARBON & ALLOY STEEL BUTTWELD

Range	15 NB UP TO 1200 NB IN SCH 5S, 10S, 10, 20, 40S, 40, STD, 60, 80S, 80, XS, 100, 120, 140, 160 & XXS.
Form	Seamless & Welded Long Radius & Short Radius Elbow 90 Deg, Long Radius Elbow 45 Deg, Long Radius & Short Radius Elbow 180 Deg (Return Bend), Reducing Elbow, Equal Tee, Un Equal Tee, Crosses, Concentric Reducer, Eccentric Reducer, Long Stubend, Short Stubend, Collar, Pipe Cap, Long Radius Bends R = 3D, 5D, 6D, 8D, 10D & 20D In 15 Deg, 30 Deg, 60 Deg & 90 Deg And Drawing Based Butt Weld Fitting (Customized).
Carbon Steel	ASTM / ASME A 234 WPB, WPC ASTM / ASME A 860 WPHY 42, WPHY 46, WPHY 52, WPHY 60, WPHY 65 & WPHY 70.
Alloy Steel	ASTM / ASME A 234 WP 1, WP 5, WP 9, WP 11, WP 12, WP 22, WP 23, WP 91.

NICKEL & COPPER ALLOY

Range	15 NB UP TO 1200 NB IN SCH 5S, 10S, 10, 20, 40S, 40, STD, 60, 80S, 80, XS, 100, 120, 140, 160 & XXS.
Form	Seamless / ERW / Welded in Round & Square.
Nickel Alloy	ASTM / ASME SB 163 UNS 2200 (NICKEL 200), ASTM / ASME SB 163 UNS 2201 (NICKEL 201), ASTM / ASME SB 163 / 165 UNS 4400 (MONEL 400), ASTM / ASME SB 464 UNS 8020 (ALLOY 20 / 20 CB 3), ASTM / ASME SB 704/705 UNS 8825 (INCONEL 825), ASTM / ASME SB 167 / 517 UNS 6600 (INCONEL 600), ASTM / ASME SB 167 UNS 6601 (INCONEL

	601), ASTM / ASME SB 704 / 705 UNS 6625 (INCONEL 625), ASTM / ASME SB 619/622/626 UNS 10276 (HASTELLOY C 276).
Copper Alloy	ASTM / ASME SB 111 UNS NO. C 10100, 10200, 10300, 10800, 12000, 12200, 70600, 71500. ASTM / ASME SB 466 UNS NO. C 70600 (CU-NI-90/10), C 71500 (CU-NI-70/30).

HASTELLOY

Grades	Hastelloy C-22, Hastelloy C-276, Hastelloy C-2000.
Standards	ASTM / ASME SB 336 & XXS.
Types	Bend (Long & Short), Elbow (180 Deg., 90 Deg. & 45 Deg.), Tee (Equal & Unequal), Reducer (Concentric & Eccentric), CAP, Stub end (Long & Short), Nipple (Barrel).

INCONEL

Grades	Inconel 600, Inconel 601, Inconel 625, Inconel 625LCF, Inconel 686, Inconel 718, Inconel 800, Inconel 825, Inconel X-750.
Range	15 NB UP TO 600 NB IN SCH 5S, 10S, 10, 20, 40S, 40, STD, 60, 80S, 80, XS, 100, 120, 140, 160 & XXS.
Types	Elbow 90 Deg, Elbow 45 Deg, Elbow 180 Deg, Long/Short Radius Elbows, Equal/Unequal Tees, Concentric/Eccentric Reducers, Caps, Crosses, Short/Long Neck Stub-Ends.

INCOLOY

Standards	ASTM B366
Types	Bend (Long & Short), Elbow (180 Deg., 90 Deg. & 45 Deg.), Tee (Equal & Unequal), Reducer (Concentric & Eccentric), CAP, Stub End (Long & Short), Nipple (Barrel).

MONEL

Grades	Monel 400, Monel K500.
Range	1/2" NB to 36" NB.
Types	Long/Short Radius Elbows, Equal/Unequal Tees, Concentric/Eccentric Reducers, Caps, Cross, Short/Long Neck Stub-Ends.

TITANIUM

Grades	Grade 1, Grade 2, Grade 3, Grade 4, Grade 5, Grade 7, Grade 9, Grade 23.
Range	15 NB To 600 NB in Sch.: 5, 10, 20, 40, 80, 120, 160, XS, XXS.
Types	Bend (Long & Short), Elbow (180 Deg., 90 Deg. & 45 Deg.), Tee (Equal & Unequal), Reducer (Concentric & Eccentric), CAP, Stub End (Long & Short), Nipple (Barrel).

ALUMINUM

Size	1/8" NB TO 48" NB.
Standard	ASTM B361: WP6061, WP5083, WP5086.
Wall Thickness	Sch. 5s to Sch. XXS.
Grade	6063, 6061T6/T651, 6082 T6/T651, 5052, 5083, 5086, 7075, 1100, 2014, 2024.
Type	Seamless & Welded.

KEY FEATURES & APPLICATIONS

Key Features	Applications
ASME/ANSI B16.9 and B16.28 compliant	Refineries and petrochemical plants
Wall thickness SCH 5 through SCH XXS	Power plants and boilers
Bevelled ends, pressure ratings up to 2500#	Chemical and fertiliser process piping
EN 10204 3.1 / 3.2 certification	Offshore and marine systems
NACE MR 01-75 compliance available	Water and effluent treatment

QUALITY ASSURANCE

All material is supplied with EN 10204 3.1 Material Test Certificates covering chemical composition and mechanical properties. Third-party inspection (TUV, SGS, BV, Lloyds) available on request. Material is third-party marked, colour coded and packed for export dispatch worldwide.

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