

Petrochemical Sector

Special alloy stainless steels, high-grade flanges, and fittings for the aggressive and high-temperature environments of chemical production plants. We contribute to plant safety and operational continuity.

WHAT THE SECTOR REQUIRES

Chemical reactor piping circuits · Acid and alkali storage tanks
· Distillation column connection elements · High-temperature heat exchangers

KEY STEEL GRADES

316L	304L	321	347
F51 (Duplex 2205)	F55 (Super Duplex 2507)		
Alloy 625	Monel 400		

HOW WE ADDRESS IT

The petrochemical sector is one of the industries with the most demanding requirements for steel materials. Steels used in chemical processes must be resistant to aggressive conditions such as high temperatures, acidic environments, chloride ions, and sulfide corrosion.

RELEVANT STANDARDS

ASME B16.5	ASME B31.3	
NACE MR0175/ISO 15156	EN 10088	
EN 10222-5	PED 2014/68/EU	API 590
ASTM A182		

PRODUCTS WE SUPPLY

Flange	Fittings	Caps / Head	Connection Fitting
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WHY AKTİF ÇELİK

- Grade and standard selected against your specification
- Shipment with EN 10204 3.1 inspection certificate
- Samples and small-batch supply available
- Export documentation handled from a single point
- Technical support on grade equivalence and heat treatment

Request a Quotation

Send us your specification or requirement list and we will come back with the right grade, lead time and price.

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