

SPECIAL FORGED PRODUCTS

Forging Excellence for Demanding
Applications – Precision in Every Turn



GLOBAL PLAYER. LOCAL MANAGEMENT.

Utilising our parent company’s special manufacturing facility, we produce custom forged products for the most demanding applications. Our offerings include slewing bearings, gear rings and other specialised components for Mining, Oil & Gas (offshore, onshore and subsea), Petrochemicals and Renewable Energy (Wind Turbines) industries.

At our production facility, we offer comprehensive design and manufacturing services for a variety of specialised forgings in all materials and sizes. Our in-house capabilities, which begin with a deep metallurgical understanding, combined with our design and engineering expertise, enable us to produce complex and customised components that meet the most stringent client and industry requirements.

Subsea



Offshore



Onshore



Mining



Wind Turbines



Subsea	
Field Development	Forged Wyes / Forged Tees (Equal / Reducing / Barred) / Bulkheads (Multipipe Bulkheads) / Anchor Flanges / Swivel Flanges / Forged Reducers / Forged Elbows / Forged Piggable Components / Forged Integral Flange Connectors / Stress Joint Forgings / Tension Joint Forgings / Forged Pin & Box Connectors / Forged Fitting Connections / Forged Hubs / Forged Test Heads / Forged Load-limiting Joints / Forged Pull Head (C-Head) / Forged Water-stop Connectors / Forged Spacer Flanges / Integral Forged Pipe Structures
Subsea Manifolds/PLEM/PLET/FLET/ILT/ILS/Jumper	Misalignment Ball Flanges / Forged Connectors / Forged Integral Flange Connectors / Forged Rings / Anchor Forging / Barred Tee Forging / Hang Off Forging / Reducing Tee Forging / Transition Forging / Walking Forging / Forged Piggable Components / Forged Test Heads / Pipe / Fittings / Flanges
Riser Systems	Forged Transition Joints / Forged Keel Joints / Forged Extension Joints / Forged Stress Joints / Forged Keel Joints / Forged Slick Joints / Forged Telescopic Joints / Forged Pup Joints / Forged Integral Flange Connectors / Forged Taper Joints / Forged Hang Off Spools / Coiled Tubing / Forged Riser Connectors / Forged Goosenecks / Integral Forged Pipe Structures / Forged Heavy Walled Seamless Pipe / Pad Eyes
Pipeline Installations	J-Lay Collars / Buckle Arrestors / CHOCs / Centralisers / Forged Connections / Forged Hubs / Pull Head (C-Head)
Offshore	
Forged Components	Rings / Pinions / Bars / Blocks / Vessels / Forged Tube sheets / Forged Covers, Self-Reinforced Flanges & Forged Nozzles for high pressure components with complex couplings ends (Cylindrical, Spherical, Slanted Planes, Saddles)
Assembled Components	Swivel Stacks / Utility Swivels / Chain Stoppers / Slew Bearings & Gear Rings
Onshore	
Special Components	Forged Heavy Walled Seamless Pipe / Monolithic Joints (MIJs) / Slew Bearings & Gear Rings / Forged Tube sheets / Forged Covers, Self-Reinforced Flanges & Forged Nozzles for high pressure components with complex couplings ends (Cylindrical, Spherical, Slanted Planes, Saddles)
Industrial	
Rolled Rings	Forged in accordance with clients' specific dimensions and specifications ranging from Flat, Rectangular-Cross Section, Cylindrical Shapes, Contoured Rings
Shafts	Forged manufactured Shafts in different forms - with Cantered Head, Lateral, Dual Head, Square Head

OUR STRENGTHS

Specialised Forged Products: We specialise in customised forged products for demanding applications.

In-House Manufacturing: All manufacturing processes, including forging, heat treatment, machining, and painting, are conducted in-house, ensuring optimal control at every stage.

Specification Compliance: We conduct thorough specification reviews to ensure complete compliance with all requirements.

Quality and Traceability: Our commitment to high quality and superior customer service includes full traceability of materials back to the raw source.



Ongoing Support: We provide ongoing solutions, advice, and recommendations throughout the entire lifespan of your plant.

Global Sourcing: We source superior quality products from globally renowned manufacturers, all of whom are ISO 9001 certified.

Material Selection: Our meticulous material selection process ensures extended facility longevity.

Consistent Delivery: Renowned for our consistent delivery of high-quality products.

Prompt Responses: Rely on us for prompt and precise responses to your inquiries.

Comprehensive Project Management: Our services cover order management, technical queries, documentation, expediting, logistics, and more.

Expert Guidance: Receive expert guidance to ensure accurate installation, maintenance, and sustained functionality.

“Bringing the manufacturer to the client” is the principle that drives our success. AFF offers a comprehensive, globally competitive supply chain, delivering innovative and cost-effective solutions tailored to client specifications. Our goal is to be the preferred supply partner, consistently ensuring that our product quality exceeds client expectations.



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