

Data sheet

Quickflange™ Weldless Connectors

Quickflange™ is a premier solution for flange-to-pipe connections, offering permanent gas-tight and mechanically robust connections without the need for welding. The Quickflange™ system comprises standard weld neck flanges that can be rapidly and safely installed without requiring hot work or welding, presenting a cost-effective alternative.



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about Quickflange™



Improved safety

The flange is slid over the end of the pipe and activated using a cold forging tool with no hot work required. This process avoids the use of gases, ignition sources, and flames traditionally needed for welding, ensuring increased safety.



Quick

The activation process takes no more than 15 minutes for the largest size (14") and even less for smaller pipe diameters. Quickflange employs a modified standard ASME weld neck flange, ensuring rapid delivery and resulting in significant time savings.



Flexible

Installation can occur in enclosed areas, minimising downtime across a wide range of pipe diameters. This is a highly flexible solution compatible with numerous materials.



Reduced costs

With its simple application and installation, reduced personnel requirements, and the absence of specially built habitats compared to traditional welding techniques, Quickflange provides a cost-effective solution for pipe connections without welding.



Tool Modeling Step files available on request.

Pipe Size	3/4" to 14"
Pipe Wall	2mm to 14mm
Pressure Rating	150# to 1500#
Pipe Material	Carbon Steel, Stainless Steel (316, 6Mo, 22Cr, 25Cr), Copper-nickel Nickel alloy
Flange Geometry	ASME B16.5; EEMUA 145; EN 1092-1
Typical Applications:	<ul style="list-style-type: none"> • Replacement of damaged or corroded piping/existing flanges • Replacement of Insertion of valves and tees • Re-routing and de-bottlenecking • Pipe work and new spool tie-ins • Fitting flanges in restricted areas • Difficult to weld materials including CuNi, Monel and Duplex
Technical Features Include:	<ul style="list-style-type: none"> • No heat, no spark, no hot work • Permanent full-strength connections • Activated in minutes • Light and simple one part design • Crevice corrosion protection • DNV Certified Installations Zone 1 and 2



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