



ASSET
INTEGRITY

MAXIMIZING UPTIME

STATS WELDLESS CONNECTOR

MAXIMIZING UPTIME



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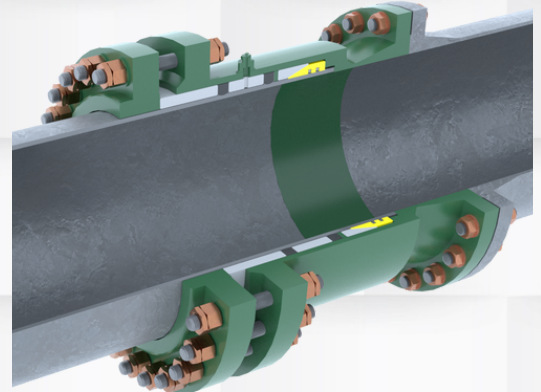
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WELDLESS SOLUTION

CONNECTOR - PIPE TO FLANGE/BLIND

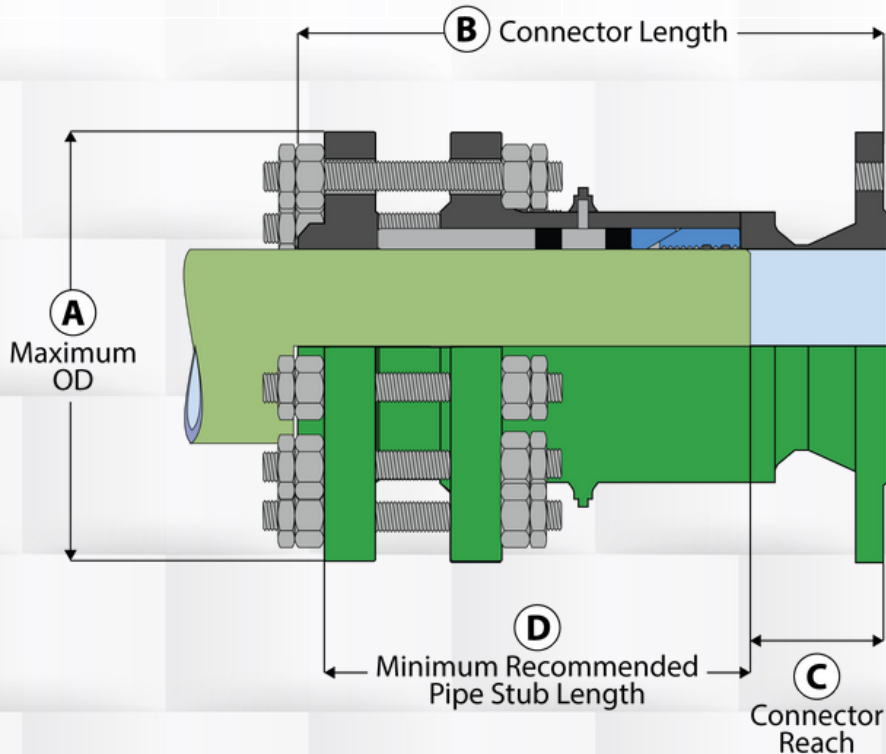
- **Removing risk of welding**
- **Maximizing uptime** with effective installation
- **Approved by operator companies** Equinor, AkerBP, ConocoPhillips, Vår Energi, OKEA, Shell
- **DNV type-approved design**
- For pipes **1"-48"**
- Pressure class **#150-#2500**
- Delivered for pipes in **Carbon Steel, 316, Duplex, Super Duplex, 6Mo, CuNi**
- Study for use on **titanium pipes** in progress
- Temperature range **-200°C-650°C**
- **No rental equipment necessary** for installation or leaktesting. Installed with bolt tightening, and seals tested with waterpump only
- Testing of **double seals** after installation
- **Training for installation and testing provided** to customer
- **Reducing third party personnel**
- **Increasing cost control** by eliminating cost for rental equipment and third party
- **Permanent, maintenance free solution**, 20+ years designlife
- In accordance to **API 5L, API 6H, 6FA, ASME B36.10 & B36.19, B31.3, B31.4, B31.8, VIII**
- Can be equipped with **RF, RTJ, compact flange, hub, etc.**
- **Documentation package included**, drawings, material, welding, NDT, FAT, coating certificates



Installation of connector is done by **tightening bolts** on the installation flange. There are **no chemicals needed** for performing normal installations. After tightening the bolts to a pre defined torque from the installation manual, the operator can connect a hose to a fitting between the internal seals on the connector/coupling and easily perform a **leak-/pressure test of both seals** without the need for joint-/flangetester. Locking nuts are installed on the bolts so that the nuts can not loosen, even when subjected to severe vibrations. Testing to failure have been performed to check this. Connectors and couplings have also been subjected to pressure/bending tests, torsion tests, tensile tests and firetests to receive a **DNV Type Approval** for the technology. An **extensive documentation package** follows every delivery of connector/coupling.

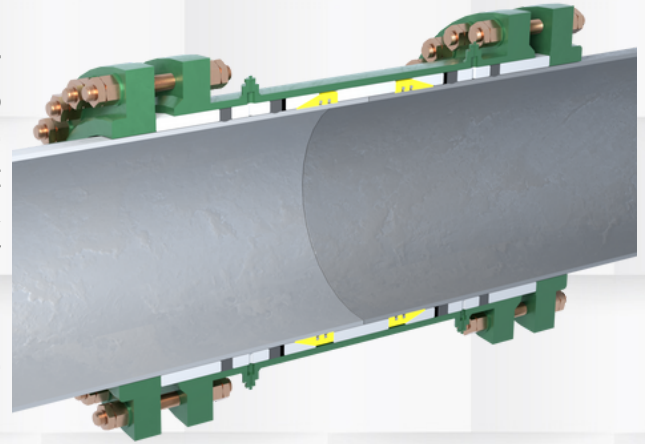
DIMENSIONS AND WEIGHT #150 CARBONSTEEL CONNECTORS
Contact Asset Integrity for dimensions/weight of other sizes, pressure classes and materials

Nom Size	Max Design Pressure	A-OD	B-Length	C-Reach	D-Pipe Stub Length	Weight
1"	Class 150	155mm	340mm	75mm	265mm	13kg
1.5"	Class 150	155mm	318mm	85mm	233mm	12kg
2"	Class 150	165mm	325mm	91mm	235mm	16kg
3"	Class 150	210mm	367mm	98mm	269mm	27kg
4"	Class 150	254mm	464mm	115mm	349mm	44kg
6"	Class 150	318mm	471mm	120mm	351mm	72kg
8"	Class 150	381mm	523mm	138mm	385mm	116kg
10"	Class 150	445mm	568mm	149mm	419mm	169kg
12"	Class 150	521mm	631mm	161mm	471mm	245kg
14"	Class 150	584mm	681mm </td <td>178mm</td> <td>503mm</td> <td>345kg</td>	178mm	503mm	345kg
16"	Class 150	647mm	700mm	178mm	522mm	423kg
18"	Class 150	711mm	783mm	211mm	572mm	552kg
20"	Class 150	775mm	815mm	215mm	601mm	615kg
24"	Class 150	914mm	839mm	230mm	609mm	915kg



COUPLING - PIPE TO PIPE

The STATS Mechanical Coupling works in a similar way as the Connector, which means there is **no need for rental tools** for installation or pressure testing, and no third party personell for installation. It has the same **DNV Type Approval** as the connector, but is used to join two open ended pipes without any flanges. It can be locally pressure tested on both sides of where the pipes are joined, so there is no need for a complete pressure test of the pipeline after installation.



MORE INFO

DIMENSIONS AND WEIGHT #150/300 CS COUPLINGS

Nom Size	Max Design Pressure	A-OD	B-Length	C-Pipe Stub Length	Weight
2"	Class 150 / 300	165mm	466mm	228mm	23Kg
3"	Class 150 / 300	210mm	590mm	264mm	40Kg
4"	Class 150 / 300	254mm	708mm	354mm	76Kg
6"	Class 150 / 300	318mm	708mm	354mm	118Kg
8"	Class 150 / 300	381mm	718mm	379mm	172Kg
10"	Class 150 / 300	445mm	836mm	418mm	208Kg
12"	Class 150 / 300	521mm	1012mm	473mm	401Kg
14"	Class 150 / 300	584mm	1042mm	521mm	400Kg
16"	Class 150 / 300	648mm	1080mm	544mm	675kg
18"	Class 150 / 300	711mm	1146mm	599mm	886kg

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