

Swivels

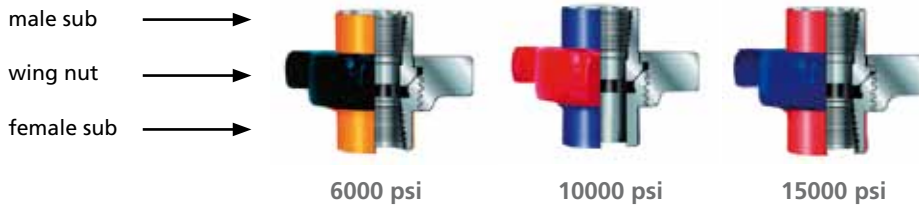
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Hammer Lug Unions

The GS-Hydro hammer lug unions are frequently used on Rotary Drilling Hoses, Hydraulics or BOP. They are available with butt weld (BW) and NPT/API threads (butt weld shown in table).

Complete unions consist of three parts,



- Hammer unions range in size from 1" to 12"
- Max. working pressure of 15 000 psi
- Complete traceability
- Manufactured from forged steel
- ASTM A - 105 unions > 6 000 psi (W.P.)
- ASTM 4130 for unions < 6 000 psi (W.P.)
- Available with charpy testing

Part No	Dimension	Description	W.P. [psi]	Color nut/sib	Material
058104-32	2"	Fig. 602 BW union complete 2"	6000	black/orange	Carbon steel
058114-32	2"	Fig. 602 BW wing nut	6000	black/orange	Carbon steel
058115-32	2"	Fig. 602 BW female sub	6000	black/orange	Carbon steel
058016-32	2"	Fig. 602 BW male sub	6000	black/orange	Carbon steel
058104-48	3"	Fig. 602 BW union complete 3"	6000	black/orange	Carbon steel
058114-48	3"	Fig. 602 BW wing nut	6000	black/orange	Carbon steel
058115-48	3"	Fig. 602 BW female sub	6000	black/orange	Carbon steel
058116-48	3"	Fig. 602 BW male sub	6000	black/orange	Carbon steel
058104-64	4"	Fig. 602 BW union complete 4"	6000	black/orange	Carbon steel
058114-64	4"	Fig. 602 BW wing nut	6000	black/orange	Carbon steel
058115-64	4"	Fig. 602 BW female sub	6000	black/orange	Carbon steel
058116-64	4"	Fig. 602 BW male sub	6000	black/orange	Carbon steel
058205-32	2"	Fig. 1002 BW union complete 2"	10000	red/blue	Carbon steel
058215-32	2"	Fig. 1002 BW wing nut	10000	red/blue	Carbon steel
058216-32	2"	Fig. 1002 BW female sub	10000	red/blue	Carbon steel
058217-32	2"	Fig. 1002 BW male sub	10000	red/blue	Carbon steel
058205-48	3"	Fig. 1002 BW union complete 3"	10000	red/blue	Carbon steel
058215-48	3"	Fig. 1002 BW wing nut	10000	red/blue	Carbon steel
058216-48	3"	Fig. 1002 BW female sub	10000	red/blue	Carbon steel
058217-48	3"	Fig. 1002 BW male sub	10000	red/blue	Carbon steel
058005-64	4"	Fig. 1002 BW union complete 4"	10000	red/blue	Carbon steel
058015-64	4"	Fig. 1002 BW wing nut	10000	red/blue	Carbon steel
058216-64	4"	Fig. 1002 BW female sub	10000	red/blue	Carbon steel
058217-64	4"	Fig. 1002 BW male sub	10000	red/blue	Carbon steel
058005-80	5"	Fig. 1002 BW union complete	10000	red/blue	Carbon steel
058015-80	5"	Fig. 1002 BW wing nut	10000	red/blue	Carbon steel
058016-80	5"	Fig. 1002 BW female sub	10000	red/blue	Carbon steel
058017-80	5"	Fig. 1002 BW male sub	10000	red/blue	Carbon steel
058306-32	2"	Fig. 1502 BW union complete 2"	15000	blue/red	Carbon steel
058316-32	2"	Fig. 1502 BW wing nut	15000	blue/red	Carbon steel
058317-32	2"	Fig. 1502 BW female sub	15000	blue/red	Carbon steel
058318-32	2"	Fig. 1502 BW male sub	15000	blue/red	Carbon steel
058306-48	3"	Fig. 1502 BW union complete 3"	15000	blue/red	Carbon steel
058316-48	3"	Fig. 1502 BW wing nut	15000	blue/red	Carbon steel
058317-48	3"	Fig. 1502 BW female sub	15000	blue/red	Carbon steel
058318-48	3"	Fig. 1502 BW male sub	15000	blue/red	Carbon steel
058306-64	4"	Fig. 1502 BW union complete 4"	15000	blue/red	Carbon steel
058316-64	4"	Fig. 1502 BW wing nut	15000	blue/red	Carbon steel
058317-64	4"	Fig. 1502 BW female sub	15000	blue/red	Carbon steel
058318-64	4"	Fig. 1502 BW male sub	15000	blue/red	Carbon steel

Swivel ranges

GS-Hydro offers high-performance swivels, for a variety of applications. Permissible media ranges from hydrocarbons, steam, powder/solids and cement, to food.

The swivels are available in carbon and stainless steel materials, including 6MO and duplex steel.

The swivels incorporate from one to seven raceway antifriction bearings and a number of high reliability low friction sealing alternatives, to suit the service in question. The swivels are available with GS-flanged-, regular flanged-, threaded-, vitaulic- or special end connections. GS-Hydro also offers special service high pressure swivels.



	ANSI Class [#]							API Rating [psi]				High Pressure	
	150	300	600	900	1500	2500	3000	2.5k	5k	10k	15k	1000 bar	1500 bar
1/2"												x	x
3/4"												x	x
1"												x	x
2"	x	x	x	x	x	x	x	x	x	x	x	x	
3"	x	x	x	x	x	x	x	x	x	x	x	x	
4"	x	x	x	x	x	x	x	x	x	x	x	x	
5"	x	x	x	x	x	x	x	x	x	x	x		
6"	x	x	x	x	x	x	x	x	x				
8"	x	x	x	x	x	x	x	x	x				
10"	x	x	x										
12"	x	x											

Swivel joints can be combined in 8 basic structural types.

Thus, the swivel joints can be swivelled by 360° in one, two and three planes.

Connections: Welding ends, flanges (DIN, ANSI, SAE), socket nipples, customer's demands.

Dimensions: 1/4" – 8"

Pressure: Up to 1379 bar (20 000 psi)

