

Bolted Couplings - Shouldered

minsup

Application:	For joining of shouldered end pipe in mining and construction industries.
Material:	SG iron to AS 1831 400-250-12. Bolts & Nuts: Metric, grade 8.8 for 2" to 10" & 4.6 for 12" & larger to AS 1112. Standard gasket is Buna-N. EPDM is available on request.
Standards:	* Working pressure (capacity) as tested to AWWA C606 requirements. Safety factor of 3:1



Size (inch)	Nominal Bore (mm)	Part No.	Pipe OD (mm)	WP*		Nut & Bolt Size (mm)	No. per Clamp	Weight (kg)	Maximum Tightening Torque (Nm)	Price \$
				PSI	MPa					
2	50	08/048/20/000	60.3	754	5.2	M12x65	2	1.4	30	32.89
3	80	08/048/20/002	88.9	754	5.2	M12x75	2	1.8	30	43.64
4	100	08/048/20/003	114.3	754	5.2	M12x90	2	2.4	30	50.51
6	150	08/048/20/005	165.1	580	4.0	M16x120	2	4.0	73	93.31
8	200	08/048/20/006	219.1	580	4.0	M20x150	2	7.2	143	168.81
10	250	08/048/20/007	273.1	261	1.8	M20x150	2	9.5	143	286.81
12	300	08/048/20/008	323.9	261	1.8	M20x150	2	11.5	143	380.05
14	350	08/048/20/020	355.6	232	1.6	M24x150	2	15.0	248	473.31
16	400	08/048/20/021	406.4	232	1.6	M24x150	4	22.5	248	663.52
18	450	08/048/20/022	457.0	232	1.6	M24x150	4	22.0	248	638.20
20	500	08/048/20/023	508.0	232	1.6	M24x150	4	25.0	248	859.29
24	600	08/048/20/024	609.6	232	1.6	M24x150	4	28.0	248	651.59

All dimensions and weights are approximate.

Price Group: MS
AE01

Quick Release Shouldered Couplings

Application:	Quick release couplings offer substantial cost savings in reducing down time and facilitating fast assembly and disassembly of temporary pipe lines.
Design:	No bolts and nuts to be lost, or threads to be damaged. No tools required. Improved lever and hinge design significantly reduces opening and closing effort. Internal mating tongue and groove feature prevents seal pinching during closure.
Material:	Housing: SG Iron - ISO 1083, 1987: 400 250-15 SGI Lever: SG Iron - ISO 1083, 1987: 400 250-15 SGI Side Plates: 4" & 6" - SG Iron - ISO 1083, 1987: 400 250-15 SGI Other sizes are pressed mild steel. Gasket: Buna-N (EPDM available on request) Finish: Zinc Plated
Standards:	* Working pressure (capacity) as tested to AWWA C606 requirements. Safety factor of 2:1



Size (inch)	Nominal Bore (mm)	Part No.	Pipe OD (mm)	WP*		Weight (kg)	Price \$
				PSI	MPa		
2	50	08/048/19/000G	60.3	348	2.4	1.4	55.59
3	80	08/048/19/002G	88.9	348	2.4	1.8	80.29
4	100	08/048/19/003G	114.3	348	2.4	2.4	72.88
6	150	08/048/19/005G	165.1	348	2.4	4.0	95.42
8	200	08/048/19/006G	219.1	348	2.4	7.2	166.75

All dimensions and weights are approximate.

Price Group: MS
AE01

Couplings are not recommended for use with air.