

Bolted Couplings - Shouldered

Application

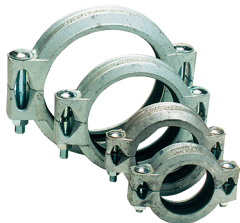
- For joining of shouldered end pipe in mining and construction industries.

Materials

- Housing: SG Iron to AS 1831 400-250-12
- Nuts & bolts
 - metric grade 8.8 for sizes 50NB to 300NB
 - metric grade 4.6 for sizes 350NB to 600NB
- Gasket: Nitrile Buna
- Finish: Zinc plated

Standards

- Working pressure (capacity) as tested to AWWA C606 requirements. Safety factor of 3:1



08/048/20/020
3-Segment Coupling

Size (NB)	Pipe OD (mm)	Part Numbers	Working Pressure (PSI)	Housing Segments Per Coupling
50	60.2	FSHG-COUP-50	754	2
80	88.9	08/048/20/002 ¹	754	2
100	114.3	FSHG-COUP-100	754	2
150	165.1	08/048/20/005 ¹	580	2
150.3 USA	168.3	08/048/20/168	580	2
200	219.1	FSHG-COUP-200	580	2
250	273.9	08/048/20/007	261	2
300	323.9	08/048/20/008	261	2
350	355.6	08/048/20/020	TBA	3
400	406.4	08/048/20/021	TBA	3
450	457.0	08/048/20/022	TBA	4
600	609.6	08/048/20/024	TBA	4

¹ Minsup branded

Product Group: AE01

Quick Release Shouldered Couplings

Application

- Quick release couplings offer substantial cost savings in reducing downtime and facilitating fast assembly and disassembly of temporary pipelines.

Design

- No nut and bolts to be lost, or threads to be damaged
- No tools are required
- Improved lever and hinge design significantly reduce opening and closing efforts
- Internal mating tongue and groove feature prevents seal pinching during the closure

Materials

- Housing/Lever/Side Plates: SG Iron - ISO 1083, 1987:400 250-15 SGI
- Side Plates (50NB, 80NB 200NB): Pressed mild steel
- Gasket: Nitrile Buna
- Finish: Zinc plated

Standards

- Working pressure (capacity) as tested to AWWA C606 requirements. Safety factor of 2:1



Size (NB)	Pipe OD (mm)	Part Numbers	Working Pressure (PSI)
50	60.2	08/048/19/000G	348
80	88.9	08/048/19/002G	348
100	114.3	08/048/19/003G	348
150	165.1	08/048/19/005G	348
200	219.1	08/048/19/006G	348

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