

Since 1956

SCHUMAGHER

IRRIGATION, INC.

Irrigation & Liquid Handling Solutions

Ball & Socket Couplings

Ball & Socket Couplings are fast effective means of coupling pipe, hoses, and fittings in for a wide range of applications. In today's competitive agricultural and industrial market, high performance pumps demand high performance couplings. The high degree of coupling rotation allows non-perfect alignment of pipe and hose.

These quick-action couplings are fully contained and therefore there are no clamps or other clamping devices to loose. For added locking assurance, a security lock composed of a small hole on the coupling's hooks and a pin acting as a block helps avoid accidental opening of the coupling (available on the "B" and "D" series). Ball & Socket Couplings are available in the popular Bauer style "B" or the Italian 100/200 style "A" & "D".

Advantages:

- Fast, flexible, strong & safe
- For use on both suction & discharge applications
- Secure locking pins
- Vacuum-tight "O" ring seal
- 14 to 30 degree coupling flexibility to compensate for misalignments and rough terrain
- Will handle water pressures from 58 psi to 290 psi
- Standard and custom-built fittings
- Three styles available (Bauer style "B" & Italian 100/200 style "A & D")

Use in:

- Hose assemblies
- Pump connections
- Pipeline connections
- Fittings (elbows, tees, wyes, valves, adapters)
- Custom-built fittings that work for you

Finishes:

- Black Steel
- Galvanized Steel
- Stainless Steel
- Cast Aluminum

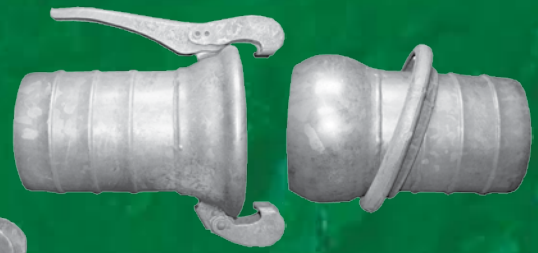


Available Fittings:

- Hose Sets
- NPT Threaded
- Flanged
- Elbows
- Increasers
- Reducers
- Tees
- Y-Tees
- End Plugs
- End Caps
- Mainline Pipe
- Vacuum Pipe
- Custom Fittings



NPT Threaded



Hose Sets



Elbows



Mainline/Vacuum Pipe



Applications:

- Irrigation systems
- Dewatering & drainage
- Bypass for water & sewer
- Water transfer
- Gas lines
- Dredging
- Mining & tunneling
- Civil engineering projects
- Food processing
- Emergency water supply
- Sludge handling
- Conveyance for powder or granular materials
- Vacuum & compressed air
- Road construction
- Exhaust gas emission
- Oil industry applications
- Well point
- Pumps & pumping stations
- Slurry & liquid manure
- Building & road construction
- Oil production
- Bentonite transfer

Bauer Style:

	Size	MM	Max PSI	Cone of max deviation
Type B	2"	50	290	30
	3"	76	290	30
	3-1/2"	89	290	30
	4"	108	220	30
	5"	133	175	20
	6"	159	175	20
	8"	194	175	20
	10"	250	145	20
	12"	300	145	16

Italian 100/200 Style:

	Size	MM	Max PSI	Cone of max deviation
Type D	4"	100	116	28
	6"	150	87	22
Type A	8"	200	116	14
	10"	250	72	16
	12"	300	58	16