



Cam & Groove Swivel Fittings

The **Cam and Groove Swivel Couplings** listed below are constructed of high-grade USA Aluminum or 316 Stainless Steel. Feature rebuildable 360° ball bearing joints and SS cams. Viton® gaskets standard (Buna also available). Operating Pressures: 1-1/2" & 2" is 250 PSI; 3" & 4" is 150 PSI; & 5" & 6" is 75 PSI. **Replacement Gaskets Shown on Adjacent Pages.**

Part No.	Description	Material
SB 15ASV	1-1/2" Adapter x FPT	Aluminum
SB 20ASV	2" Adapter x FPT	Aluminum
SB 30ASV	3" Adapter x FPT	Aluminum
SB 40ASV	4" Adapter x FPT	Aluminum
SB 60ASV	6" Adapter x FPT	Aluminum
SB 15ASVSS	1-1/2" Adapter x FPT	Stainless
SB 20ASVSS	2" Adapter x FPT	Stainless
SB 30ASVSS	3" Adapter x FPT	Stainless
SB 40ASVSS	4" Adapter x FPT	Stainless



TYPE A
Adapter
Female Thread

Part No.	Description	Material
SB 15BSV	1-1/2" Coupler x MPT	Aluminum
SB 20BSV	2" Coupler x MPT	Aluminum
SB 30BSV	3" Coupler x MPT	Aluminum
SB 40BSV	4" Coupler x MPT	Aluminum
SB 20BSVSS	2" Coupler x MPT	Stainless
SB 30BSVSS	3" Coupler x MPT	Stainless
SB 40BSVSS	4" Coupler x MPT	Stainless



TYPE B
Coupler
Male Thread

Part No.	Description	Material
SB 15CSV	1-1/2" Coupler x Hose Shank	Aluminum
SB 20CSV	2" Coupler x Hose Shank	Aluminum
SB 30CSV	3" Coupler x Hose Shank	Aluminum
SB 40CSV	4" Coupler x Hose Shank	Aluminum
SB 60CSV	6" Coupler x Hose Shank	Aluminum
SB 15CSVSS	1-1/2" Coupler x Hose Shank	Stainless
SB 20CSVSS	2" Coupler x Hose Shank	Stainless
SB 30CSVSS	3" Coupler x Hose Shank	Stainless
SB 40CSVSS	4" Coupler x Hose Shank	Stainless



TYPE C
Hose Shank
Coupler

Part No.	Description	Material
SB 15DSV	1-1/2" Coupler x FPT	Aluminum
SB 20DSV	2" Coupler x FPT	Aluminum
SB 30DSV	3" Coupler x FPT	Aluminum
SB 40DSV	4" Coupler x FPT	Aluminum
SB 60DSV	6" Coupler x FPT	Aluminum
SB 15DSVSS	1-1/2" Coupler x FPT	Stainless
SB 20DSVSS	2" Coupler x FPT	Stainless
SB 30DSVSS	3" Coupler x FPT	Stainless
SB 40DSVSS	4" Coupler x FPT	Stainless



TYPE D
Coupler
Female Thread

Part No.	Description	Material
SB 15ESV	1-1/2" Adapter x Hose Shank	Aluminum
SB 20ESV	2" Adapter x Hose Shank	Aluminum
SB 30ESV	3" Adapter x Hose Shank	Aluminum
SB 40ESV	4" Adapter x Hose Shank	Aluminum
SB 60ESV	6" Adapter x Hose Shank	Aluminum
SB 15ESVSS	1-1/2" Adapter x Hose Shank	Stainless
SB 20ESVSS	2" Adapter x Hose Shank	Stainless
SB 30ESVSS	3" Adapter x Hose Shank	Stainless
SB 40ESVSS	4" Adapter x Hose Shank	Stainless



TYPE E
Hose Shank
Adapter

Part No.	Description	Material
SB 15FSV	1-1/2" Adapter x MPT	Aluminum
SB 20FSV	2" Adapter x MPT	Aluminum
SB 30FSV	3" Adapter x MPT	Aluminum
SB 40FSV	4" Adapter x MPT	Aluminum
SB 60FSV	6" Adapter x MPT	Aluminum
SB 20FSVSS	2" Adapter x MPT	Stainless
SB 30FSVSS	3" Adapter x MPT	Stainless
SB 40FSVSS	4" Adapter x MPT	Stainless



TYPE F
Adapter
Male Thread

Swivel Repair Kits



Swivel Repair Kits include U-cup, bushing, SS bolt, & ball bearings. Available in Viton®, Buna, or Teflon.

Part No.	Size	Material
SB 15SVR	1-1/2"	Viton®
SB 20SVR	2"	Viton®
SB 30SVR	3"	Viton®
SB 40SVR	4"	Viton®
SB 60SVR	6"	Viton®



Viton® is a registered trademark of DuPont Performance Elastomers

EPDM Expansion Joints



With Carbon Steel Flanges

Standard flanges are 150# ANSI Carbon Steel (Stainless Steel is available). Both flanges swivel (float) for easy installation. Custom built to order options available as well. All expansion joints are built to order and non-returnable.

MS1 Series

- Vacuum Rating: 86% Full Vacuum (26" HG) at 170° F.
- EPDM Standard (Other materials available)
- Temperature Range: 20° F. to 250° F.



Part No.	I.D.	Overall Length	Working PSI @ 170° F.
GP MS1-2E	2"	6"	180 PSI
GP MS1-3E	3"	6"	180 PSI
GP MS1-4E	4"	6"	180 PSI
GP MS1-6E	6"	6"	135 PSI

* Use Control Rods if PSI is at or Exceeds Ratings Above - Call for Pricing.

MS2 Series

- Offers Greater Lateral Movement than MS1 Series
- Vacuum Rating: 86% Full Vacuum (26" HG) at 170° F.
- EPDM Rated to 20° F. to 230° F. (Other materials available)
- Working Pressure is 225 PSI



Part No.	I.D.	Overall Length	Working PSI @ 170° F.
GP MS2-2E	2"	7"	225 PSI
GP MS2-3E	3"	7"	225 PSI
GP MS2-4E	4"	9"	225 PSI
GP MS2-6E	6"	9"	225 PSI

* Use Control Rods if PSI is at or Exceeds Ratings Above - Call for Pricing.

CALL For Pricing

MRCE Series

- Concentric Reducing Expansion Joints Allow Connection of Unequal Pipe Sizes That Share Same Center Line
- Vacuum Rating: 86% Full Vacuum (26" HG) at 170° F.
- EPDM Rated to 20° F. to 250° F.
- Minimum Burst Pressure is 4:1



Part No.	I.D.	Overall Length	Working PSI @ 170° F.
GP MRCE0302-R	3" x 2"	8"	200 PSI
GP MRCE0403-R	4" x 3"	8"	200 PSI
GP MRCE0604-R	6" x 4"	8"	190 PSI

* Use Control Rods if PSI is at or Exceeds Ratings Above - Call for Pricing.

CALL For Pricing

Pipe J-Hangers



J-Hangers for supporting pipe, tube or tubing. Galvanized Carbon Steel. Designed to be suspended by hanger rods or attached to walls. T-slot allows for a side bolt to be installed after installation and setting of pipe to walls, if required. Rated to 650° F. Conforms to Manufacturer's Standardization Society SP69, Type 5.

Part No.	Pipe Size	Rod Size	Load Rating
ZS W4050EG	1/2"	3/8"	400 lbs.
ZS W4075EG	3/4"	3/8"	400 lbs.
ZS W4100EG	1"	3/8"	400 lbs.
ZS W4150EG	1-1/2"	3/8"	400 lbs.
ZS W4200EG	2"	3/8"	400 lbs.
ZS W4300EG	3"	1/2"	500 lbs.
ZS W4400EG	4"	5/8"	550 lbs.