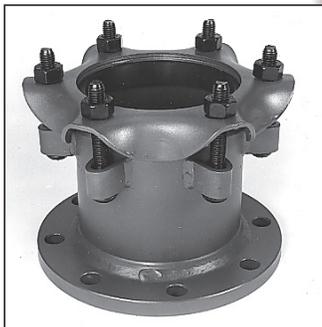


DRESSER DPS

Water Product Selection Guide

For Water, Wastewater and Industrial Piping Systems

- Pipe Joining - Seal Only
- Expansion Joints
- Pipe Joining - Seal & Restraint
- Pipe Repair Clamps & Sleeves
- Joint Harnesses
- Reinforcing Sleeves
- Service Saddles



Dresser Water/Wastewater and Industrial Products

Since the first Dresser coupling patent was granted in 1886, many improvements in design, and advances in pipe joining technology have been achieved. This manual is recommended as a guide for specifying Dresser piping products on water, wastewater and industrial piping systems.

Traditional “seal-only” mechanical couplings listed provide only a seal on the pipe end when installed on Steel and CIP/ DIP connections. They do not provide lock or pipe restraint and, consequently, they do not prevent the pipe from pulling out of the coupling. Longitudinal pull-out or thrust forces caused by thermal expansion and contraction, or by anticipated internal

or external loads, such as settlement of the piping, must be calculated when using mechanical couplings and fittings. In situations with excessive longitudinal thrust or where pipe settlement and/or movement might occur, it is recommended that the piping be properly anchored when using Dresser mechanical couplings and fittings.

For seal & restraining piping connections Dresser does offer Style 90 Universal compression fittings and our Style 167 Lock Coupling. A variety of repair clamps and sleeves, expansion and dismantling joints are also available for water/industrial piping system applications.

Pipe Joining Products - Seal Only/Non-Restraining

PIPE	PRODUCT	STYLE NO.	CONFIGURATIONS	SIZES
Steel to Steel Cast/Ductile to Cast/Ductile		Style 38 Style 38 Stainless	Bolted Couplings	1/2" - 108" (Larger upon request)
Cast/Ductile to Cast/Ductile		Style 138	Bolted Couplings	2" - 12"
Steel to Steel Cast/Ductile to Cast/Ductile		Style 40	Long Body Coupling	4" - 48" (and larger)
Any combination of Steel, Cast or Ductile		Style 62	Transition Coupling/ Reducing Coupling	3" - 48" (and larger)
Steel to Cast/Ductile		Style 39-62	Insulating Reducing Coupling	2" - 24" (and larger)
Steel to Steel		Style 39	Insulating Coupling	3/4" - 24" (and larger)

For product sizes and configurations not listed call Dresser Inside Sales

www.dresserutility.com

PIPE	PRODUCT	STYLE NO.	CONFIGURATIONS	SIZES
Steel, Cast/Ductile		Style 31	Bolted Line Cap Coupling	2" - 24" (and larger)
Steel, Cast/Ductile		Style 63 Type 1	Expansion Joint Weld or Flanged (Made to Order)	(Consult Factory for End Configuration)
Steel, Cast/Ductile		Style 128	Flange Adapter	2" - 72" (Larger upon request)
Steel, Cast/Ductile		Style 131	Carbon Steel Dismantling Joint (Optional Tie-Rods)	4" - 72" (Larger on request)
Steel to Steel		Style 65 Compression Fittings	Galvanized Couplings, Ells and Male Adapters 150 PSI Max. - 150° Max. Temp.	1/2" - 2"
Copper Tubing		Style 88 Compression Fittings	Brass Couplings, Male & Female Adapters 150 PSI Max. - 150° Max. Temp.	1/2" - 1-1/4"
Steel to Steel		Style 90 Compression Fittings	Coupling, Ell, Tee, Adapter and Line Cap 150 PSI Max. - 150° Max. Temp.	1/2" - 2"

Pipe Joining Products - Seal & Restraining

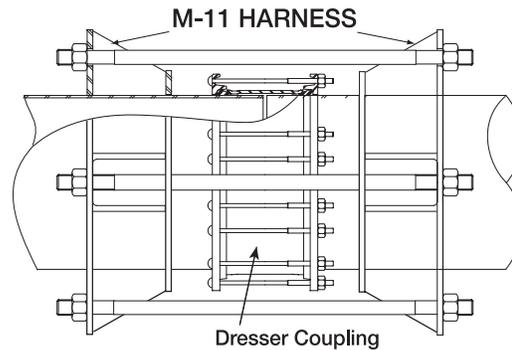
Dresser "seal and restraint" couplings and fittings are specifically designed to provide both a seal on the pipe and a restraint against the pipe pulling out of the coupling.

PIPE	PRODUCT	STYLE NO.	CONFIGURATIONS	SIZES
Steel to Steel Steel to PE PE to PE		Universal Style 90	Coupling, Ell, Tee, Adapter (SDR Provided on PE End)	3/4" - 2"
Drilled-end Steel Drilled-end CIP		Style 167	Lock Coupling for Drilled-End Pipe	3" - 48" (and larger)

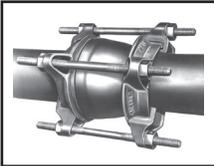
Pipe Joining Products - Restraining (cont'd)

PIPE	PRODUCT	STYLE NO.	CONFIGURATIONS	SIZES
Steel x Steel		Style 440	Steel Tie-Rod Joint Harness w/ Weld Lugs	Made to Order (Provide Max. PSI & Pipe Diameter)

**Custom-Built
AWWA M-11 Design**
(Available Upon Request)



Pipe Repair Clamps

PIPE	PRODUCT	STYLE NO.	CONFIGURATIONS	SIZES
Steel		Styles 4 & 41	Collar Leak Clamp	2" - 12"
Stab-Joint Cast Iron		Style 60-S	Bell-Joint Clamp	4" - 36"
Cast/Ductile Iron		Styles 60 & 160	Bell-Joint Clamps	4" - 36"
Steel		Style 118	Handiband™ Clamp	1/2" - 8" Bands 3, 6 and 12"
Steel, Cast/Ductile, PVC		Style 360	Full Circle Repair Clamp Bands 7.5, 12.5 15, 20, 30"	2" - 36"

For product sizes and configurations not listed call Dresser Inside Sales

www.dresserutility.com

Pipe Repair & Reinforcing Sleeves

PIPE	PRODUCT	STYLE NO.	CONFIGURATIONS	SIZES
Cast/ Ductile Iron		Style 80 ReadyPack Sleeve	Repair of Cast Iron & Ductile Iron Pipe	3" - 8"
Cast/ Ductile Iron		Style 50A Sleeve	Repair or Hot Tap of Cast/Ductile Iron	4" - 30" (and larger)
Steel		Style 54 Sleeve Style 73 Sleeve	Repair of Steel Pipe	2" - 4" 2"
Cast/Ductile Iron		Style 126	Repair and Encapsulation of Cast/Ductile Iron Pipe	3" - 24" (Larger on request)
Steel		Style 96 Sleeve	Expanded Body Repair Sleeve for High Pressure Steel Pipe	6" - 20" (and larger)
Steel		Style 110	Reinforcing Sleeve for Welded Joints	4" - 30" (and larger)
Steel		Style 220 'Pumpkin' Sleeve	Reinforcing Sleeve for Leaking Coupled or Flanged Joints or Valves	2" - 42"

Service Saddles

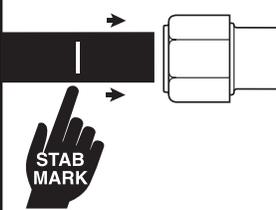
PIPE	PRODUCT	STYLE NO.	CONFIGURATIONS	SIZES
Steel, Cast/Ductile		Style 91	Service Saddle NPT Taps 1/2" - 2"	2" - 12"

For product sizes and configurations not listed call Dresser Inside Sales
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SPECIAL PRODUCT WARNINGS

Mark & Stab

⚠ WARNING

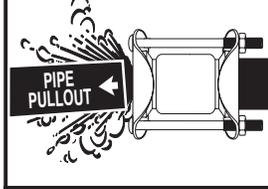


You MUST mark and stab the pipe into the fitting to the proper stab depth. Failure to do so could result in escaping line content that could cause property damage, serious injury or death.

Styles 38, 138, 39, 40, 62, 65, 80, 88, 90, 128, 167

Pipe Pull-Out

⚠ WARNING

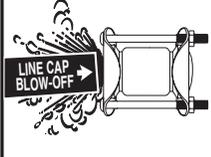


When pipe pullout could occur, pipe joint MUST be anchored. Failure to anchor pipe joint could result in escaping line content and cause property damage, serious injury or death.

Styles 38, 39, 40, 80, 88, 90, 96, 126, 128, 360

Style 31 LINE CAPS

⚠ WARNING



Style 31 Line Caps MUST NOT be used under pressure without anchorage or blocking sufficient to withstand the entire longitudinal thrust due to internal pressure. Failure to do so could allow line cap to blow off the line, causing serious injury or death. Also, escaping line content could cause property damage, serious injury or death.

NOTE:

ALWAYS READ THE DRESSER INSTALLATION INSTRUCTIONS AND WARNINGS BEFORE INSTALLING ANY DRESSER PRODUCT!

Visit us at: www.dresserutility.com

Dresser Pipeline Solutions

41 Fisher Avenue
Bradford, PA 16701
T: 814.362.9300
F: 814.362.9344

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