

### **DMD DRESSER** CLAMPS

#### **Style 38 Stainless Steel Couplings**

##### **For severe service conditions!**

When you need a coupling for highly corrosive conditions—too corrosive for ordinary carbon steel couplings—Dresser® has its proven Style 38 coupling in an all stainless steel design.

The complete coupling is available in either Type 304 or Type 316 stainless steel. You can also specify the middle ring only in stainless or the nuts and bolts only in stainless.

Dresser® Style 38 stainless steel couplings are furnished with gaskets to match the particular service. Available compounds include Buna S (Grade 27) and Buna N (Grade 42), fluorocarbon (Viton®), butyl and EPDM. There's also a high temperature gasket for applications up to 1200°F.



#### **Style 40 Dresser® Long Couplings for Widely Separated Pipe Ends**

Dresser® Style 40 Long Couplings provide a simple and effective method of joining pipe when gaps in pipe ends are wider than ordinary. Style 40's are similar in construction to Style 38's except that middle rings are longer and have a larger belly diameter. Though longer, they absorb the same amount of expansion and contraction, up to 3/8" per joint.

Special and large sizes are available, and special length bodies can be supplied. Details on request.



#### **Style 62 Dresser Steel Reducing Couplings**

Dresser® Style 62 Reducing Couplings are ideal for use (1) when making actual reductions in pipe size; (2) when changing the class of pipe; (3) when joining steel and cast iron pipe. They can be furnished for connections between any two kinds or sizes of pipe.



*Described below are the available Dresser gasket compounds:*

##### **Grade 27 (Buna S Blend)**

The compound in most general use for plain gaskets is Grade 27. This gasket has wide application and is accepted as standard for most pipeline use. It is recommended for use on lines carrying natural and other gases, air, fresh and salt water, most acids, alkaline and sugar solutions, and some refrigerants. Maximum temperature is 212°F.\*

##### **Armored\*\* Gaskets**

The armor, an elastic, practically indestructible brass coil or helix, is embedded in the gasket tip so as to become an integral part of the gasket. When used with the proper grade/compound rubber gasket, the armor shields the gasket material from the line content, but in no way interferes with the sealing efficiency of the gasket. ARMORED gaskets can be used to great advantage where low electrical resistance joints are desired, since the armor bites into the pipe and provides metal to metal contact for easy passage of current, a necessity where cathodic protection is to be applied.

##### **Grade 42 (Buna N Blend)**

Grade 42 gaskets are resistant to oil, most aromatic and aliphatic hydrocarbons, natural gas fogging oil, condensates and gasolines. Maximum temperature is 150°F.\*

##### **Fluorocarbon**

These gaskets are highly resistant to hydrocarbons, aromatic hydrocarbons, alcohols, organic acids, nitrogen-containing compounds, vegetable oils and greases. Maximum temperature is 350°F.

##### **Butyl**

Butyl gaskets are resistant to hot air service, steam, hot water and miscellaneous aqueous solutions. They are also suitable for vegetable oils, organic chemicals, oxidizing acids and alkaline. Maximum temperature is 250°F.

##### **EPDM**

EPDM gaskets provide excellent resistance to aging factors such as ozone, oxygen and elevated temperatures. This includes service in hot water, steam and dry heat. They are also suitable for handling popular chemicals such as ketones, alcohols, phosphate ester hydraulic fluids, glycols, dilute acids and alkaline. Maximum temperature is 300°F.

##### **High Temperature Carded Glass**

Non-asbestos gaskets are specifically designed for the high temperature and abrasive atmosphere associated with services such as fly ash handling systems. As a replacement for asbestos, these gaskets are manufactured from rubber coated, wire inserted, carded glass cloth, blended with a high temperature binder, and graphite coated. Proprietary lubrication and treatment prior to die forming results in a uniform close tolerance, high quality, non-asbestos gasket which has proven itself a reliable asbestos replacement. Maximum temperature is 1200°F.

*\*For Styles 65 & 88, maximum temperature is 150°F.*

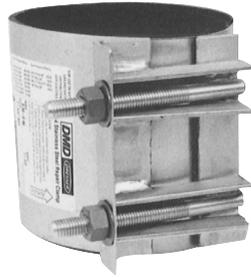
*\*\*ARMORED is a registered trademark of Dresser Manufacturing Division*

**DMD DRESSER CLAMPS**

**Style 364**  
**All Stainless Steel Repair Clamp**

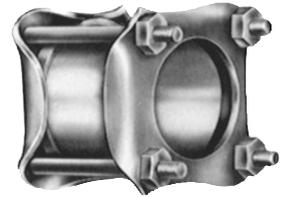
*For use on natural gas and water distribution piping*

- Fast, easy installation
- 100% stainless steel for superior corrosion resistance
- Repairs leaks, holes, or splits in case iron or steel pipe
- Suitable for rerounding and marking squeeze-off points of P.E. pipe



**Style 38**  
**Dresser® Couplings for Steel Pipe Sizes**

Shown below are the most commonly used sizes of Style 38 Couplings, (sizes 1-1/2" through 12"). However, Dresser® has the facilities to supply the proper coupling for every pipe joining requirement, details and prices on larger sizes are available on request.

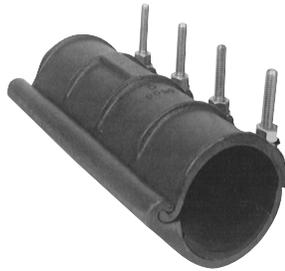


All Dresser® couplings can also be furnished with Dresser® AL-CLAD® factory coatings.

**Dresser® Style 70**  
**Hinged Emergency Repair Clamp**

Dresser® Style 70 cast hinged emergency repair clamps are ideally suited for the repair of long splits in pipe or where there is a series of pit holes resulting from corrosion.

These clamps feature easy installation, even under pressure, without interruption of service. With bolts on one side only and a hinge on the other, they can be installed using only an ordinary pipe wrench.



**Light Pattern Couplings for Light Wall Steel Pipe**



2" Style 38, showing 2-bolt construction supplied also for 2" OD and 3" OD sizes.

4" Style 38, showing 3-bolt construction supplied also for 3-1/2" OD and 4" OD sizes.

8" Style 38, showing 6-bolt construction supplied for that size. Sizes 5" OD, 5-1/2" OD, 6" OD and 6" (4-bolt) and sizes 7" OD and 8" OD (5-bolt) are of similar construction.

**Style 38 & 138**  
**Dresser® Steel Couplings for Cast-Iron Pipe Sizes**

Dresser® Couplings Style 38 are also available in cast-iron from 2" to 72". These Couplings have long been used by gas and water companies for the joining of plain-end cast-iron pipe. Dresser® Couplings combine the advantages of absolutely tight joints and easier, faster joint making. Style 38's also permit the salvage and use of random lengths of cast-iron pipe from which bell-ends or cracked sections have been removed.



*Style 138 Couplings for Plain-End Cast-Iron Pipe Sizes*

**Dresser® Tapping Sleeves**

Dresser® tapping sleeves are designed to provide optimum sealing, robust structural strength and long term performance. Sleeves are available with reducing or size on size outlets, in 4" pipe size and larger.



**Style 610**  
**Carbon Steel**



**Style 615 for**  
**PVC Pipe**



**Style 620**  
**Lightweight**  
**Stainless Steel**