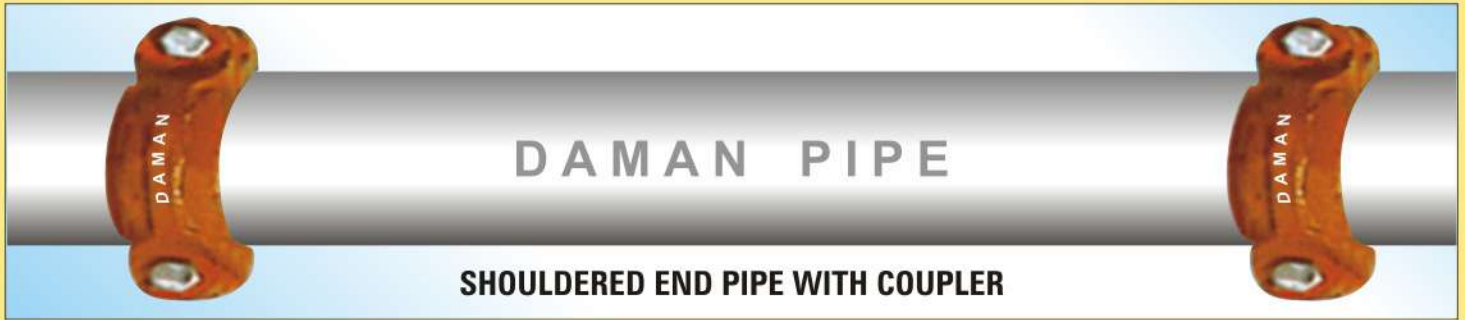


# SHOULDERED END / FLEXIBLE COUPLING ERW GI STEEL PIPE & PIPE FITTINGS



**COUPLER**



**COUPLER SLEEVE**



**END CAP**



**BEND 45°**



**BEND 90°**



**EQUAL TEE**



**ADAPTER FLANGE**



**ADAPTER**



**REDUCING TEE**



## **DAMAN PIPE**

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# ALVENIUS / KLAMBON ENDS STEEL PIPES

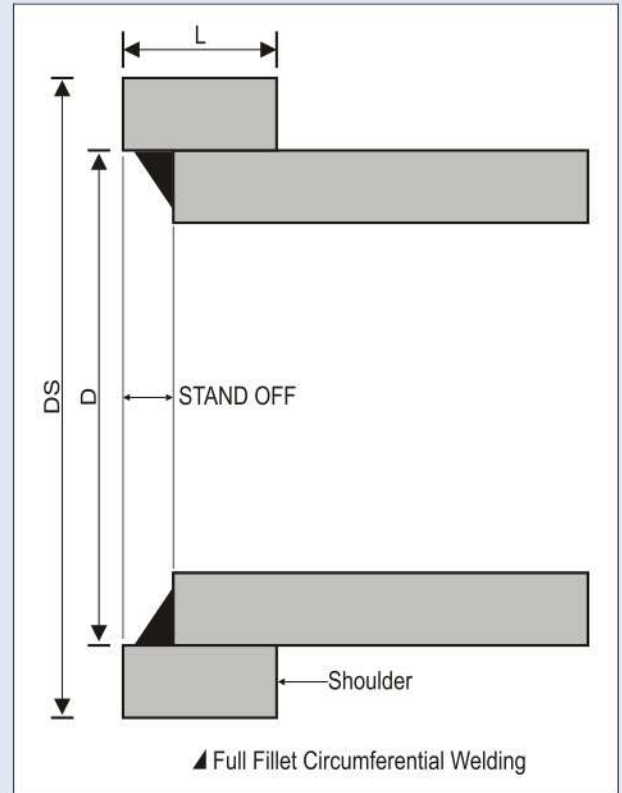
## ALEVINUS / KLAMBON ENDS GALVANIZED STEEL PIPE

The Shouldered End Ring is welded in house as per international Standards. The Hydro testing of the Shouldered End Pipes is performed. The material of pipe conforms to relevant Standard.

Steel Shoulder Steel rings are welded with an interference fit with the outside of the pipe ends. The steel shoulder rings are fitted with Pipe ends which are within the tolerances as per Shoulder Dimensions, details as under. Shoulder rings are fitted with utmost care to ensure that ring distortion does not occur. Stand off i.e. the distance between the edge of the steel shoulder ring and the pipe end is accurately maintained.

### PIPE & SHOULDER DIMENSION

PIPE DIMENSION (MM)		SHOULDER DIMENSION (MM)				
Outer Diameter	Nominal Diameter	D Diameter	DS Diameter	Tolerance		L Dimension
				Plus	Minus	
60.3	50	60.3	67	0.8	0.8	16
88.9	60	88.9	97	0.8	0.8	16
114.3	100	114.3	122	0.8	0.8	16
102	102	102	108	0.8	0.8	16
152	152	152	162	0.8	0.8	18
165.1	150	165.1	175	0.8	0.8	16
219.1	200	219.1	232	0.8	0.8	20.5
273.0	250	273.0	286	0.8	0.8	20.5
323.9	300	323.9	336.5	0.8	0.8	20.5
355.6	350	355.6	368.5	0.8	0.8	24.0
406.4	400	406.4	419	0.8	0.8	31.0
457.0	450	457.0	470	0.8	0.8	31.0

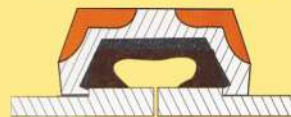


### STAND OFF

- ✓ 5 mm for pipe 88.9 mm outside dia and below.
- ✓ 6.5 mm for pipe 114.3 mm outside dia upto and including 219.1 mm outside dia.
- ✓ 9.5 mm for pipe 273 mm outside dia.

Daman shouldered pipes & fittings are designed to bear extremes of expansion / contractions as well as Deflections

### CONTRACTION



### DEFLECTION



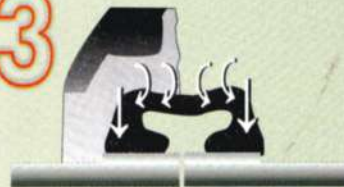
## THE 4 WAY SEALING RING

1



Ring over the Pipe Collars puts the sealing lips in direct and automatic sealing tension.

3



Vacuum / Suction strengthens the seal - higher the outer pressure more the compression of the sealing ring.

2



Pipeline pressure automatically enhances the seal by internally acting on the sealing ring lips - higher the pressure - tighter the seal.

4



The Clamp holds the sealing ring firmly on pipe collars without compressing the sealing ring which enhances the life of sealing ring.