

## COUPLINGS AND FLANGE ADAPTORS



VERSIONS	M10 / M40	
	STANDARD	OPTIONS
<b>NOMINAL SIZES (DN)</b>	350 - 1200	
<b>PN</b>	From PN 6 to PN 16	
<b>MEDIUM</b>	Potable and raw water	Sea water
<b>BODY</b>	Carbon steel	
<b>COMPRESSION RINGS</b>	Ductile iron $\leq \text{Ød } 650$ *   Carbon steel $\geq \text{Ød } 652$ **	
<b>SEALING GASKETS</b>	EPDM rubber	NBR
<b>COMPRESSION BOLTS</b>	Steel with dacromet coating	Grade 304/316 stainless steel
<b>COATING</b>	Rilsan Nylon 11	
<b>RANGE Ød</b>	* $30 \text{ mm} \leq \text{Ød } 650$   ** $24 \text{ mm} \geq \text{Ød } 652$	
<b>ANGULAR DEFLECTION</b>	From DN350 to DN700 = $\pm 3^\circ$ on each side with coupling ends*	
<b>ANGULAR DEFLECTION</b>	From DN800 to DN900 = $\pm 2^\circ$ on each side with coupling ends*	
<b>ANGULAR DEFLECTION</b>	From DN1000 to DN1200 = $\pm 1.5^\circ$ on each side with coupling ends*	
	*average datum in the middle of the range	
<b>FOR FLANGED VERSION</b>	EN 1092	
<b>FLANGES</b>	PN 6, PN 10, PN 16	

# DESIGN FEATURES OF MULTISIZE COUPLINGS AND FLANGE ADAPTORS



## ① Central body

Carbon steel central body conveniently built in order to allow a perfect insertion of the gasket inside its dedicated conical seat.

## ② Compression ring

Ductile iron and carbon steel compression followers which allow compression of the gasket onto the pipe surface upon tightening the bolts.

## ③ Gasket

Truncated-cone sealing gasket which can be perfectly inserted between the central body of the coupling and the circumference of the pipe. It allows a complete hydraulic seal and a 24 mm or 30 mm tolerance range on the pipe OD.

## ④ Bolt holes

Round or square holes for the bolts insertion.

## ⑤ Compression bolts

The compression bolts allow the approaching of the compression flanges and the consequent compression of the gasket onto the pipe.

## ⑥ Connection flange (Flanged version)

Carbon steel flange.

## NOTES

