Design features
of multisize couplings and flange adaptors

hawle

(1) Central body

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

(2) Compression ring

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 of tolerance range on pipe OD.

(4) Bolt holes

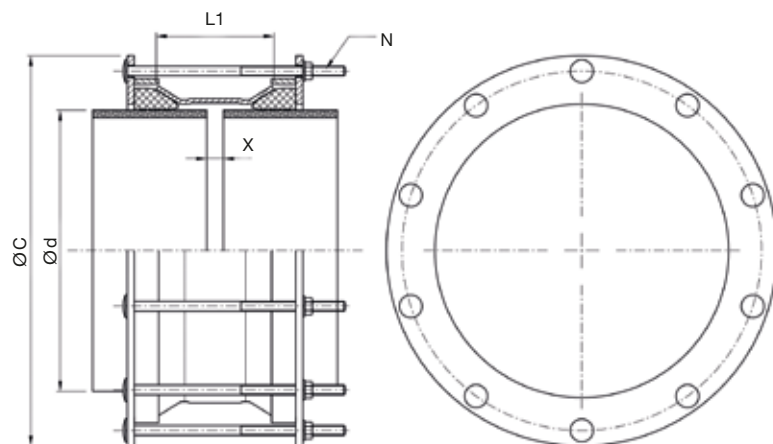Round or square holes for the bolts installation.

(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.

Multisize NSM10
Single bolt coupling

Multisize series and wide range steel fittings provide the maximum hydraulic seal,
however do not restrain axial pipes movement (for this type of products please refer to the MULTIGRIP section)

DN	MOP (PN)	∅d		L1	Max. external dimension ∅C	Compression bolts	Gap X		Weight
		min.	max.			Quantity N	max.	min.	
350		340	370		546	10			35,0
		365	395		571				37,0
400		390	420		596				40,0
		410	440		616				42,0
450		438	468		644	12			45,0
		465	495		671				47,0
500		490	520		696				49,0
		518	548		724				53,0
600		590	620		796	14			58,0
		620	650		826				60,0
		652	676		819				62,0
700		680	704		847	16			65,0
		700	724		867				67,0
		726	750		893				72,0
		754	778		921				75,0
800	6/10/16	792	816	170	959		60	20	79,0
		806	830		973				82,0
		824	848		991	18			83,0
		856	880		1023				85,0
900		882	906		1049				88,0
		902	926		1069	20			89,0
		934	958		1101				92,0
		960	984		1127				95,0
1000		996	1020		1163				97,0
		1016	1040		1183	22			100,0
		1036	1060		1203				102,0
		1068	1092		1235				104,0
		1100	1124		1267				108,0
		1116	1140		1283	24			109,0
		1140	1164		1307				111,0
1200		1180	1204		1347				115,0
		1206	1230		1373	26			117,0
		1244	1268		1411				119,0