

TECHNICAL DATA SHEET

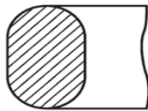
RTJ RING JOINT GASKETS

RTJ joint gaskets are metal sealing rings used at high pressures up to 1500 bar and temperatures up to 1000°C. They are used in combination with special flanges, which provide adequate sealing with the right choice of material and profile. They are available in two basic profiles: oval (MB) and octagonal (M9).



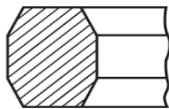
STANDARD GASKET PROFILES

Oval
M8-R



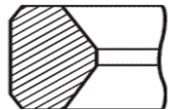
The M8 model is a standard oval type RTJ gasket for flanges with a standard groove connection.

Octagonal
M9-R



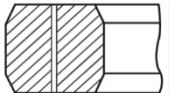
M9-R Model M9 is a standard octagonal RTJ gasket designed for flanges with a standard groove connection.

M12 - RX



The M12-RX model is designed for pressures up to 750 bar. RX series rings are interchangeable with the standard ring model. Pin lengths must be longer because RX rings are taller.

M11 - BX



M11-BX is an RTJ for very high pressures up to 1500 bar. This RTJ is only suitable for API BX type flanges and grooves. The BX model has a slot for pressure equalization.

material	CSN	AISI ASTM	DIN material no.	DIN specification	Hardness HB	Temperature °C		Density (g/cm ³)
						min.	max.	
Carbon steel	11 375	238-C	1.0038	RSt.37.2. CS	100 – 130	-40	500	7,85
Stainless steel	17 247	321	1.4541	X10CrNiTi 189	130 – 190	-250	550	7,9
Stainless steel	17 249	304L	1.4306	X2CrNi 189	130 – 190	-250	550	7,9
Stainless steel	17 348	316Ti	1.4571	X10CrNiMoTi 1810	130 – 190	-100	550	7,8
Stainless steel	17 349	316L	1.4404	X2CrNiMo 1810	130 – 190	-100	550	7,9
Metal Monela 400	-	N04400	2.4360	NiCu 30 Fe	110 – 150	-125	600	8,8
Copper	-	-	2.0090	-	50 – 80	-250	400	8,9

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