MOR Gaskets & Seals LLP

Factory:27/4A, GIDC Alindra, Manjusar, Savli, Dist – Vadodara - 391775, Gujarat, India.

www.morgaskets.com

MOR Steel Insert Rubber Gasket

- These gaskets consist of metal core reinforcement.
- These gaskets increase the blowout safety & stability.
- Steel reinforcement ensures good handling of the seal even in large nominal widths.
- The use of rubber steel gaskets is recommended especially for applications where only little surface compression is available.
- These gaskets are available to ASME, DIN,JIS, AWWA etc. dimensions.

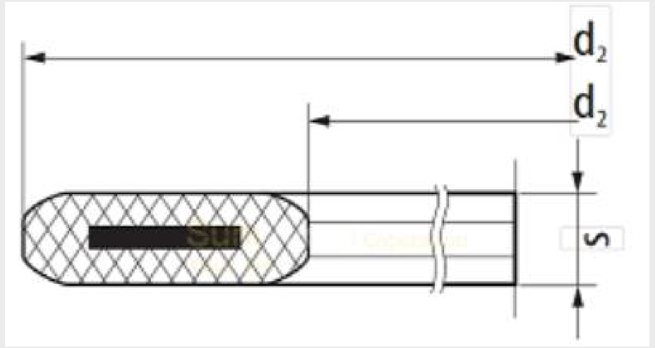
Attributes of these gaskets:

1. High tightness under low surface compression
2. Secure tightness for weakly designed system
3. Great compensation ability in case of angular deviation

SPECIFICATIONS		
MATERIALS	TEMPERATURE	HARDNESS
NR- Natural Rubber	-30 to + 60°C	Shore A 60 +/- 5
HNVR	-25 to + 150°C	Shore A 75 +/- 5
CR-Neoprene	-25 to + 95 °C	Shore A 63 +/- 5
EPDM	-30 to +120 °C	Shore A 70 +/- 5
CSM (Hypalon)	-20 to +120 °C	Shore A 70 +/- 5
FKM (Viton)	-20 to 200 °C	Shore A 80 +/- 5
VMQ (Silicone)	-60 to +180 °C	Shore A 65+/- 5

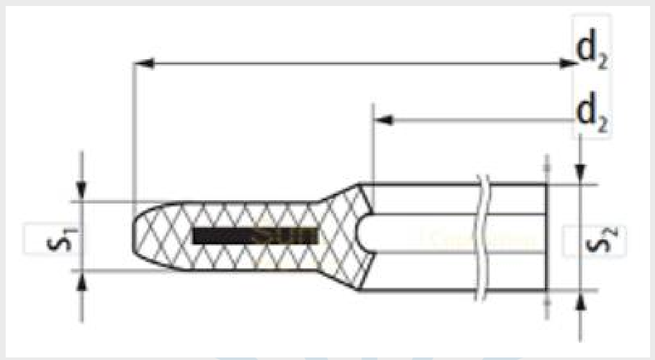
MOR - 01

- It is a simple, secure and cost-effective installation due to its stability, compared to non-reinforced rubber gaskets.



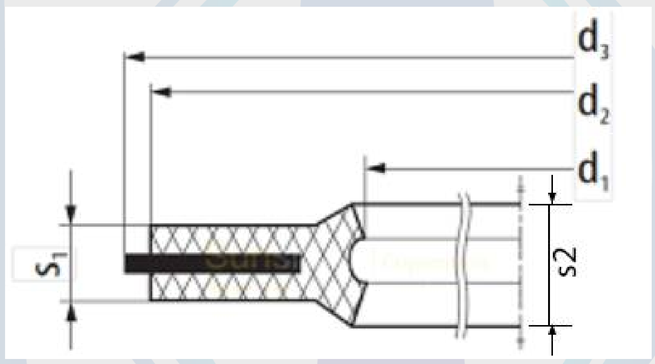
MOR - 02

- It is a rubber-steel gasket which is Leak-proof even at the lowest tightening torques, making this rubber-steel gasket profile particularly suitable for plastic flange connections where there no high forces can be exerted.



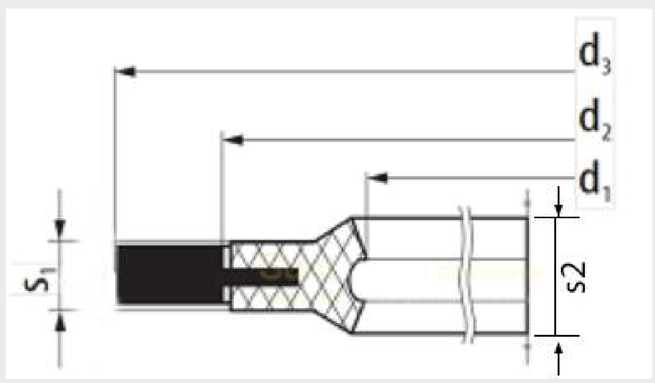
MOR - 03

- It is easy to replace the rubber sealing rings, meaning the rubber-steel gasket can be reused again and again.



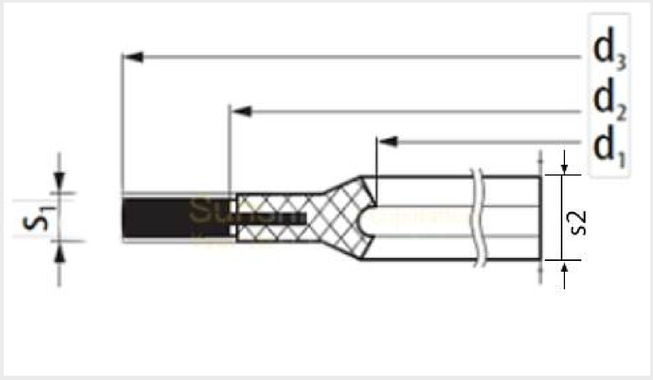
MOR - 04

- It is easy and safe installation, reduces the risk of installation errors caused by applying too high or uneven bolt tightening torque (the most common reason for the failure of a rubber-steel gasket) simple replacement of the rubber sealing ring, making it reusable.



MOR - 04H

- It has all the features of the rubber-steel gasket profile MOR-04 and is easy to replace the rubber sealing rings and graphite layers, meaning the rubber-steel gasket can be reused again and again.



MOR; R-ST

- For various applications.

MOR; R-ST - O/IR

- For various applications, top choice for joints connecting non-metallic (plastics or GRP) and steel flanges.

MOR ; R-ST - O/COR

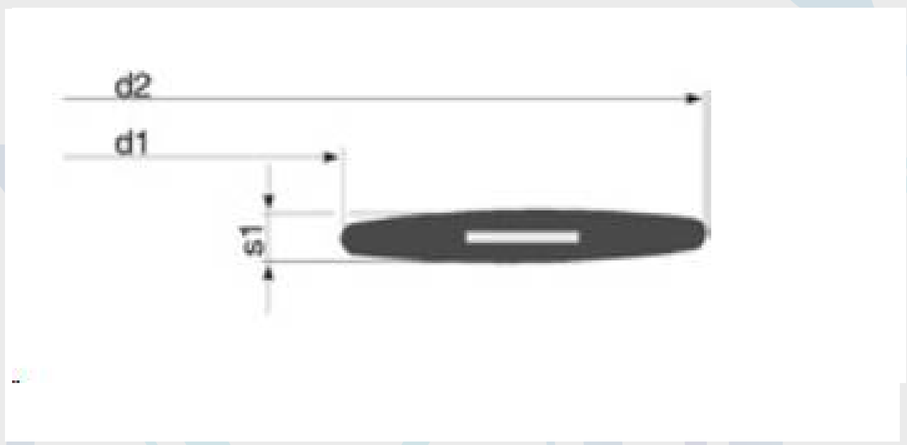
- To suit flange joints connecting pairs of plastic stub ends.

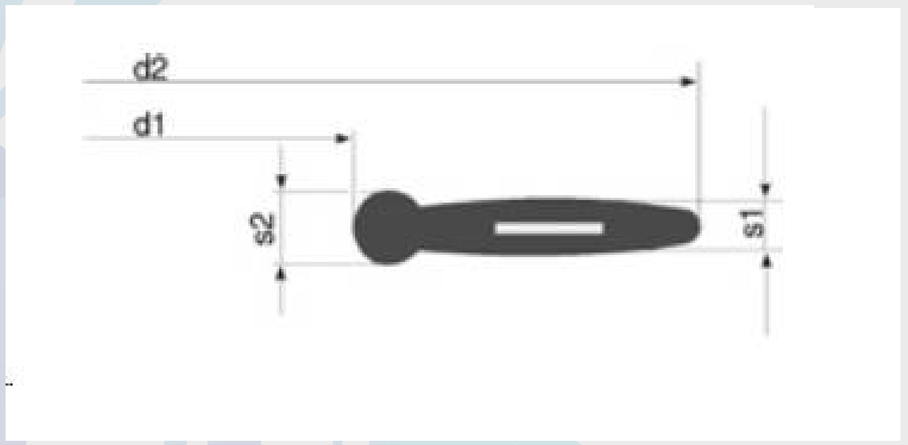
MOR ; R-ST - O/OR

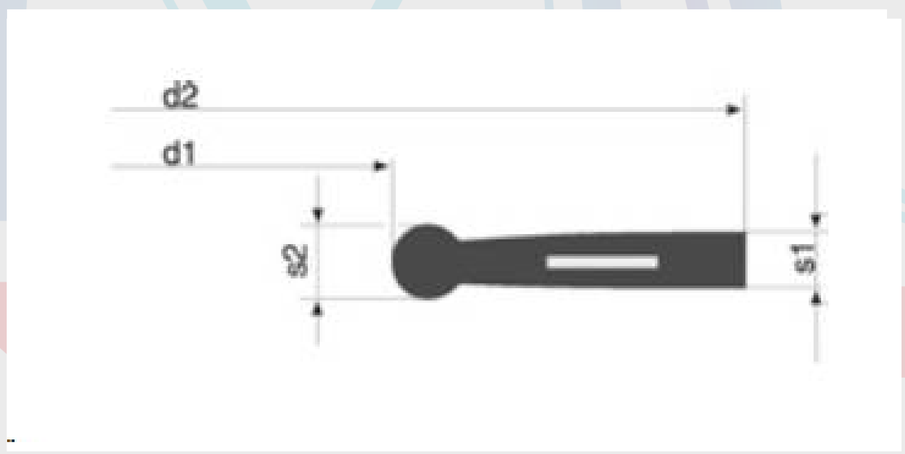
- Customized dimensions with a visible stainless steel insert.

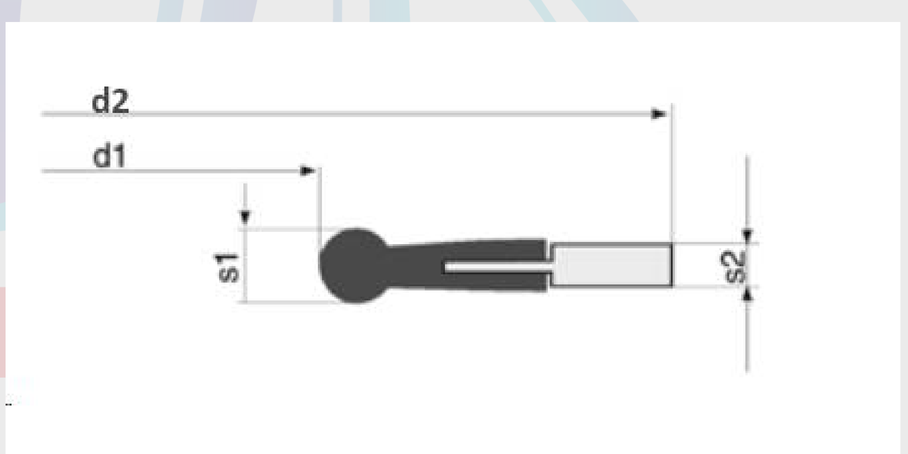
MOR; R-ST -O/ORX

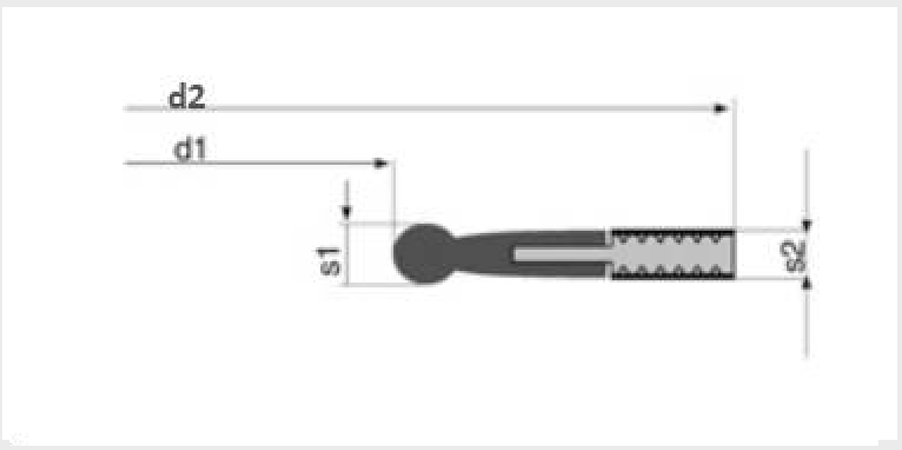
- For various applications, top choice for partially coated flanges and extreme operating conditions.

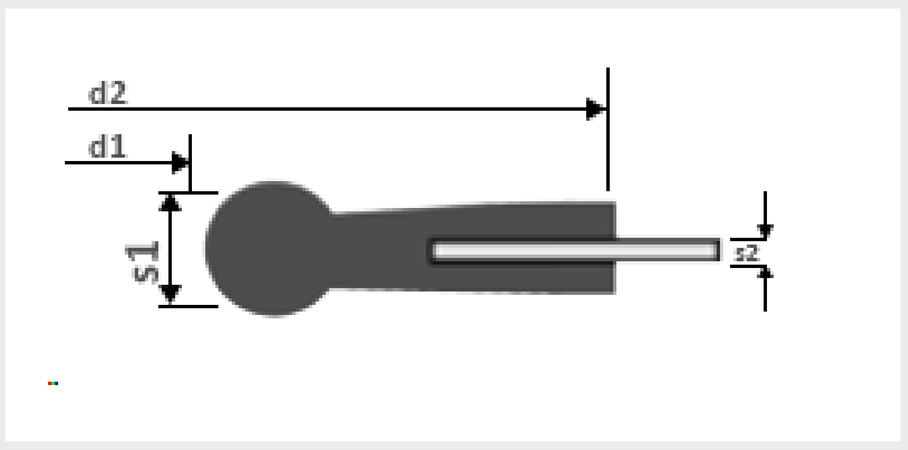












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Raised Faced Gasket Dimensions According to ASME B16.5 Flanges ASME B16.21				
NPS	ID (mm)	Outer Diameter -od (mm)		
		150#	300#	600#
1/2”	21.4	47.6	54.0	54.0
3/4”	27.0	57.2	66.7	66.7
1.0”	22.3	66.7	73.0	73.0
1 1/4”	42.1	76.2	82.6	82.6
1 1/2”	48.4	85.7	95.3	95.3
2.0”	60.3	104.8	111.1	111.1
2 1/2"	73.0	123.8	130.2	130.2
3.0”	88.9	136.5	149.2	149.2
4.0”	114.3	174.6	181.0	193.7
5.0”	141.3	196.9	215.9	241.3
6.0”	168.3	222.3	250.8	266.7
8.0”	219.1	279.4	308.0	320.7
10.0”	273.1	339.7	361.9	400
12.0”	323.9	409.6	422.3	457.2
14.0”	355.6	450.8	485.8	492.1
16.0”	406.4	514.3	539.7	565.1
18.0”	457.2	549.3	596.9	612.8
20.0”	508.0	606.4	654.0	682.6
24.0”	609.6	717.5	774.7	790.6

Raised Faced Gasket Dimensions According to DIN 2690- PN 6 TO PN 40							
DN	ID (mm)	Outer Diameter -od (mm)					
		PN6	PN10	PN16	PN25	PN40	S
15	22		50	50	50	50	3
20	28		60	60	60	60	3
25	35		70	70	70	70	3
32	43		82	82	82	82	3
40	49		92	92	92	92	3
50	61		107	107	107	107	4
65	77		127	127	127	127	4
80	90		142	142	142	142	4
100	115		162	162	168	168	5
125	141		192	192			5
150	169		218	218	225	225	5
175	195		248	248			5
200	220		273	273	285		6
250	274		328	330	342		6
300	325		378	385	402		6
350	368	423	438	445	458		7
400	420	473	490	497	515		7
450	470		540				7
500	520	578	595	618			7
600	620		695	735			7
700	720	785	810				8
800	820	890	915	910			8
900	920		1015	1010			8
1000	1020		1120	1125			8
1100	1120			1225	1260		
1200	1220		1340	1340			8
1400	1420		1545				8
1600	1620		1770				8
1800	1820		1970				8