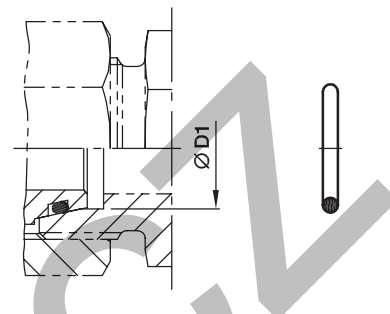


## OR O-Ring for fittings with EO 24° DKO swivel

For Type:

DA, EGE, EGEO, MAVe, EW, EV, ET, EL, RED, GZ, GZR, VKA, VKAM



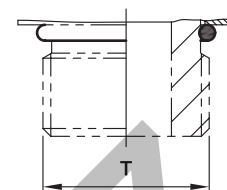
Series	D1 	O-ring NBR Shore-hardness approx. 90	O-ring FKM Shore-hardness approx. 90
L <sup>3)</sup>	6	OR4.5X1.5X	OR4.5X1.5VITX
	8	OR6.5X1.5X	OR6.5X1.5VITX
	10	OR8.5X1.5X	OR8X1.5VITX
	12	OR10.5X1.5X	OR10X1.5VITX
	15	OR12.5X2X	OR12X2VITX
	18	OR16X2X	OR15X2VITX
	22	OR20X2X	OR20X2VITX
	28	OR26X2X	OR26X2VITX
	35	OR32X2.5X	OR32X2.5VITX
	42	OR39X2.5X	OR38X2.5VITX
S <sup>4)</sup>	6	OR4.5X1.5X	OR4.5X1.5VITX
	8	OR6.5X1.5X	OR6.5X1.5VITX
	10	OR8.5X1.5X	OR8X1.5VITX
	12	OR10.5X1.5X	OR10X1.5VITX
	16	OR14X2X	OR13X2VITX
	20	OR17X2.5X	OR16.3X2.4VITX
	25	OR22X2.5X	OR20.3X2.4VITX
	30	OR27X2.5X	OR25.3X2.4VITX
	38	OR35X2.5X	OR33.3X2.4VITX

<sup>3)</sup> L = light series; <sup>4)</sup> S = heavy series

## OR O-rings for male stud ends

Male metric thread – O-ring (ISO 6149)

Male UN/UNF thread – O-ring (ISO 11926)



Types with metric thread:  
VSTI-OR, GEO, EGEO

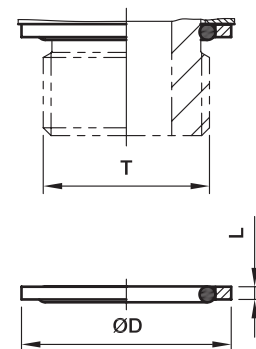
Thread T	O-ring NBR	O-ring FKM
M 08×1.0	<b>OR6.1X1.6</b>	<b>OR6.1X1.6VITX</b>
M 10×1.0	<b>OR8.1X1.6</b>	<b>OR8.1X1.6VITX</b>
M 12×1.5	<b>OR9.3X2.2</b>	<b>OR9.3X2.2VITX</b>
M 14×1.5	<b>OR11.3X2.2</b>	<b>OR11.3X2.2VITX</b>
M 16×1.5	<b>OR13.3X2.2</b>	<b>OR13.3X2.2VITX</b>
M 18×1.5	<b>OR15.3X2.2</b>	<b>OR15.3X2.2VITX</b>
M 22×1.5	<b>OR19.3X2.2</b>	<b>OR19.3X2.2VITX</b>
M 27×2.0	<b>OR23.6X2.9</b>	<b>OR23.6X2.9VITX</b>
M 33×2.0	<b>OR29.6X2.9</b>	<b>OR29.6X2.9VITX</b>
M 42×2.0	<b>OR38.6X2.9</b>	<b>OR38.6X2.9VITX</b>
M 48×2.0	<b>OR44.6X2.9</b>	<b>OR44.6X2.9VITX</b>

Types with UN/UNF thread:  
GE-UNF

Thread T	O-ring NBR	O-ring FKM
7/16-20 UNF	<b>OR8.92X1.83</b>	<b>OR8.92X1.83VITX</b>
9/16-18 UNF	<b>OR11.89X1.98</b>	<b>OR11.89X1.98VITX</b>
3/4-16 UNF	<b>OR16.36X2.21</b>	<b>OR16.36X2.21VITX</b>
7/8-14 UNF	<b>OR19.18X2.46</b>	<b>OR19X2.5VITX</b>
1 1/16-12 UN	<b>OR23.47X2.95</b>	<b>OR23.47X2.95VITX</b>
1 5/16-12 UN	<b>OR29.74X2.95</b>	<b>OR29.74X2.95VITX</b>
1 5/8-12 UN	<b>OR37.46X3</b>	<b>OR37.46X3VITX</b>
1 7/8-12 UN	<b>OR43.69X3</b>	<b>OR43.69X3VITX</b>

## OR O-rings and retaining rings for male stud ends

Adjustable BSPP thread – O-ring + retaining ring (ISO 1179)



Types with BSPP thread: WEE-R

Thread T	O-ring NBR	Steel		Order code Retaining ring Steel	O-ring FKM	Stainless Steel		Order code Retaining ring Stainless Steel
		D	L			D	L	
G 1/8 A	<b>OR8X1.88X</b>	14.8	1.4	<b>RRS1/8CF</b>	same like steel	15.0	1.4	<b>8207SS1/8</b>
G 1/4 A	<b>OR10.77X2.62X</b>	19.8	1.9	<b>RRS1/4CF</b>	<b>OR10.77X2.62VITX</b>	19.5	1.9	<b>8207SS1/4A</b>
G 3/8 A	<b>OR13.94X2.62X</b>	22.8	2.0	<b>RRS3/8CF</b>	same like steel	23.5	1.9	<b>8207SS3/8A</b>
G 1/2 A	<b>OR18X3.15X</b>	27.8	2.6	<b>RRS1/2CF</b>	<b>OR17.96X2.62VITX</b>	28.5	1.9	<b>8207SS1/2</b>
G 3/4 A	<b>OR23X3X</b>	32.8	2.5	<b>RRS3/4CF</b>	<b>OR23.47X2.62VITX</b>	34.5	1.9	<b>8207SS3/4</b>
G 1 A	<b>OR29.74X3.53X</b>	40.8	2.5	<b>RRS1CF</b>	same like steel	43.5	2.6	<b>8207SS1A</b>
G 1 1/4 A	<b>OR37.69X3.53X</b>	50.8	2.6	<b>RRS11/4CF</b>	same like steel	52.5	2.6	<b>8207SS11/4</b>
G 1 1/2 A	<b>OR44.04X3.53X</b>	55.8	2.6	<b>RRS11/2CF</b>	same like steel	60.0	2.6	<b>8207SS11/2</b>

Order code suffixes	
Material	Example
NBR	OR10.77X2.62X
FKM	OR10.77X2.62VITX

## OR O-Rings and Cube-Seals for banjo fittings WHK

For WHK	O-ring NBR	Cube-Seal NBR	O-ring FKM	Cube-Seal FKM
06LM	OR8.5X1.5X	CS9.2X1.1X	OR8.5X1.5VITX	CS9.2X1.1VITX
08LM	OR12.5X1.5X	CS10.82X1.68X	OR12.5X1.5VITX	CS10.82X1.68VITX
10LM	OR12.5X1.5X	CS12.42X1.68X	OR12.5X1.5VITX	CS12.42X1.68VITX
12LM	OR15.6X1.78X	CS15.6X1.68X	OR15.6X1.78VITX	CS15.6X1.68VITX
15LM	OR17.17X1.78X	CS17.17X1.68X	OR17.17X1.78VITX	CS17.17X1.68VITX
18LM	OR18.72X2.62X	CS20.35X1.68X	OR18.72X2.62VITX	CS20.35X1.68VITX
22LM	OR23.47X2.62X	CS25.62X1.68X		
28LM	OR31.42X2.62X	CS32X1.68X		
42LM	OR44.04X3.53X	CS47.35X1.68X		
04LLR	OR8.5X1.5X	CS9.2X1.1X		
06LLR	OR8.5X1.5X	CS9.2X1.1X		
08LLR	OR8.5X1.5X	CS9.2X1.1X		
06LR	OR8.5X1.5X	CS9.2X1.1X	OR8.5X1.5VITX	CS9.2X1.1VITX
08LR	OR12.5X1.5X	CS12.42X1.68X	OR12.5X1.5VITX	CS12.42X1.68VITX
10LR	OR12.5X1.5X	CS12.42X1.68X	OR12.5X1.5VITX	CS12.42X1.68VITX
12LR	OR14X1.78X	CS15.6X1.68X	OR14X1.78VITX	CS15.6X1.68VITX
15LR	OR18.72X2.62X	CS20.35X1.68X	OR18.72X2.62VITX	CS20.35X1.68VITX
18LR	OR18.72X2.62X	CS20.35X1.68X	OR18.72X2.62VITX	CS20.35X1.68VITX
22LR	OR23.47X2.62X	CS25.62X1.68X	OR23.47X2.62VITX	CS25.62X1.68VITX
28LR	CS25.62X1.68X	CS32X1.68X	OR31.42X2.62VITX	CS32X1.68VITX
35LR	OR37.69X3.53X	CS41X1.68X	OR37.69X3.53VITX	CS41X1.68VITX
42LR	OR44.04X3.53X	CS47.35X1.68X		
06SM	OR12.5X1.5X	CS10.82X1.68X		
08SM			OR12.5X1.5VITX	CS12.42X1.68VITX
10SM	OR15.6X1.78X	CS15.6X1.68X		
12SM	OR17.17X1.78X	CS17.17X1.68X		
16SM	OR18.72X2.62X	CS20.35X1.68X		
25SM	OR31.42X2.62X	CS32X1.68X	OR31.42X2.62VITX	CS32X1.68VITX
30SM	OR37.69X3.53X	CS41X1.68X		
38SM	OR44.04X3.53X	CS47.35X1.68X		
06SR	OR12.5X1.5X	CS12.42X1.68X		
08SR	OR12.5X1.5X	CS12.42X1.68X	OR12.5X1.5VITX	CS12.42X1.68VITX
10SR	OR14X1.78X	CS15.6X1.68X		
12SR	OR14X1.78X	CS15.6X1.68X	OR14X1.78VITX	CS15.6X1.68VITX
16SR	OR18.72X2.62X	CS20.35X1.68X	OR18.72X2.62VITX	CS20.35X1.68VITX
20SR	OR23.47X2.62X	CS25.62X1.68X	OR23.47X2.62VITX	CS25.62X1.68VITX
25SR	OR31.42X2.62X	CS32X1.68X	OR31.42X2.62VITX	CS32X1.68VITX
30SR	OR37.69X3.53X	CS41X1.68X		
38SR	OR44.04X3.53X	CS47.35X1.68X		

## OR O-Rings for banjo fittings WH (71)/TH

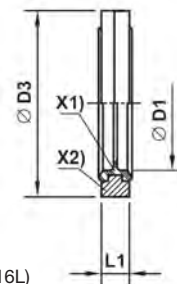
For WH/TH	For WH/TH	O-ring NBR	O-ring FKM
06LM/LR		<b>OR9.3X1.5X</b>	<b>OR9.3X1.5VITX</b>
08LM/LR	06SM/SR	<b>OR12.5X1.5X</b>	<b>OR12.5X1.5VITX</b>
10LM/LR	08SM/SR	<b>OR12.5X1.5X</b>	<b>OR12.5X1.5VITX</b>
12LM/LR	10SM/SR	<b>OR16X1.5X</b>	<b>OR16X1.5VITX</b>
	12SR	<b>OR16X1.5X</b>	<b>OR16X1.5VITX</b>
15LM	12SM	<b>OR18X1.5X</b>	<b>OR18X1.5VITX</b>
15LR		<b>OR20X1.5X</b>	<b>OR20X1.5VITX</b>
18LM/LR	16SM/SR	<b>OR20X1.5X</b>	<b>OR20X1.5VITX</b>
22LM/LR	20SM/SR	<b>OR25X2X</b>	<b>OR25X2VITX</b>
28LM/LR	25SM/SR	<b>OR33X2.5X</b>	<b>OR33X2.5VITX</b>
35LM/LR	30SM/SR	<b>OR41X2.5X</b>	<b>OR41X2.5VITX</b>
42LM/LR	38SM/SR	<b>OR46X3X</b>	<b>OR46X3VITX</b>

## DKI Sealing ring for pressure gauge connectors

Female thread	D1	D2	L1	Weight g/1 piece	Order code	
					Steel	Stainless Steel 71
G 1/4	6	11.3	4.5	2.5	<b>DKI1/4CFX</b>	<b>DKI1/471X</b>
G 1/2	12	18.5	5.0	5.0	<b>DKI1/2CFX</b>	<b>DKI1/271X</b>

## KD Soft sealing ring for banjo fittings WH/TH from stainless steel

for wide spot faces of ports



X1) Vulcanized FKM Seal  
X2) Supporting-ring (Stainless Steel 316L)

Metric thread parallel	BSPP thread parallel	D1	D3	L1	Weight g/1 piece	Order code Stainless steel FKM
M 10×1.0	G 1/8 A	10.3	17.0	2.5	3	<b>KD10-1/8SS</b>
M 12×1.5		12.3	22.0	3.0	5	<b>KD12SS</b>
M 14×1.5	G 1/4 A	14.3	22.0	3.0	5	<b>KD14-1/4SS</b>
M 16×1.5	G 3/8 A	17.0	27.0	3.0	6	<b>KD16-3/8SS</b>
M 18×1.5		18.3	29.0	3.0	8	<b>KD18SS</b>
M 22×1.5	G 1/2 A	22.3	32.0	4.5	12	<b>KD22-1/2SS</b>
M 26×1.5		26.3	41.0	3.5	18	<b>KD26SS</b>
M 27×2.0	G 3/4 A	27.3	41.0	3.5	19	<b>KD27-3/4SS</b>
M 33×2.0	G 1 A	33.6	46.0	3.5	18	<b>KD33-1SS</b>
M 42×2.0	G 1 1/4 A	42.4	57.0	3.5	26	<b>KD42-11/4SS</b>
M 48×2.0	G 1 1/2 A	48.4	64.0	3.5	35	<b>KD48-11/2SS</b>