

### Cap Seal, O-Ring, and V-Ring Swivel Joint Numbering System

2	20	F x F		CS	0	0	2	0	0	
Sizes Inches	Style	End Connection	x	End Connection	Material	Pressure Seal	Dust Seal	Retainers	Ball Bearings	Grease
1 = 1"	20	F (FNPT)	x	F (FNPT)	OC = O-ring carbon steel	0 = nitrile rubber	0 = nitrile rubber	0 = No retainer	0 = CS carbon steel	0 = lithium
125 = 1.25"	30	W (weld)	x	W (weld)	OS = O-ring 316 stainless steel	1 = FKM	1 = FKM		1 = 440 stainless steel	1 = food grade
150 = 1.5"	40	FG (150#)	x	FG (150#)	CS = V-ring carbon steel	2 = PTFE		2 = PTFE standard in all V-ring	2 = 316 stainless steel	2 = silicone
2 = 2"	50	PF (300#)	x	PF (300#)	SS = V-ring 316L stainless steel	3 = EPDM	3 = EPDM			3 = Tribolube
3 = 3"	60	TF (TTMA)	x	TF (TTMA)	AL = Aluminum	4 = FDA nitrile rubber	4 = FDA nitrile rubber			4 = low temperature
4 = 4"	70	BP (BSPP)	x	BP (BSPP)	MI = Ductile iron	5 = No seal	5 = No seal			5 = no grease
6 = 6"	80	BT (BSPT)	x	BT (BSPT)	BR = Brass	A = low temp FKM				
8 = 8"	10	M (MNPT)		M (MNPT)	UC = Cap Seal Carbon Steel US = Cap Seal 316L Stainless Steel					
10 = 10"		G (grooved end)		G (grooved end)						
12 = 12"										
14 = 14"										
16 = 16"										
18 = 18"										
20 = 20"										
24 = 24"										

NOTE: Other ends or seals are available upon request.

- Cap seal: 14" - 24"
- O-Ring: 1" - 4"
- V-Ring: 2" - 14"
- Brass (only O-ring): 1-1/2" - 3"
- Ductile iron (only O-ring): 1-1/2" - 4"
- Standard issue grease Zerk without check ball. Ask for check ball if required.



Swivel joint materials, including seal materials and grease, must be compatible with the application, media, and temperature to ensure optimal performance. In a case where the swivel is being used in a submerged service, this would include the dust seals and ball bearings. Dixon® always recommends the use of the stainless steel ball bearings when building a swivel for submerged service. Standard carbon steel ball bearings could rust together, making it impossible to disassemble the swivel, which may affect operation.

Swivel configurator available at [dixonvalve.com](http://dixonvalve.com)