



Swivel joints



● Fig. 1. Swivel joint

Appliance: large-radius knee sections are specially designed for using with abrasives under the high-pressure in hydraulic fracturing, for kill lines, cementing and circulation of hoses, acid treatment and test lines.



Swivel joint styles



Style 20



Style 30



Style 40



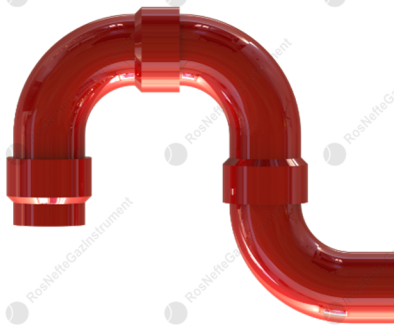
Style 50



Style 60



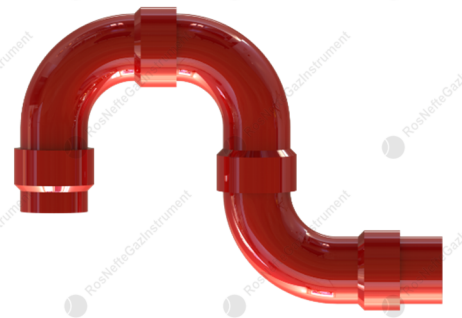
Style 70



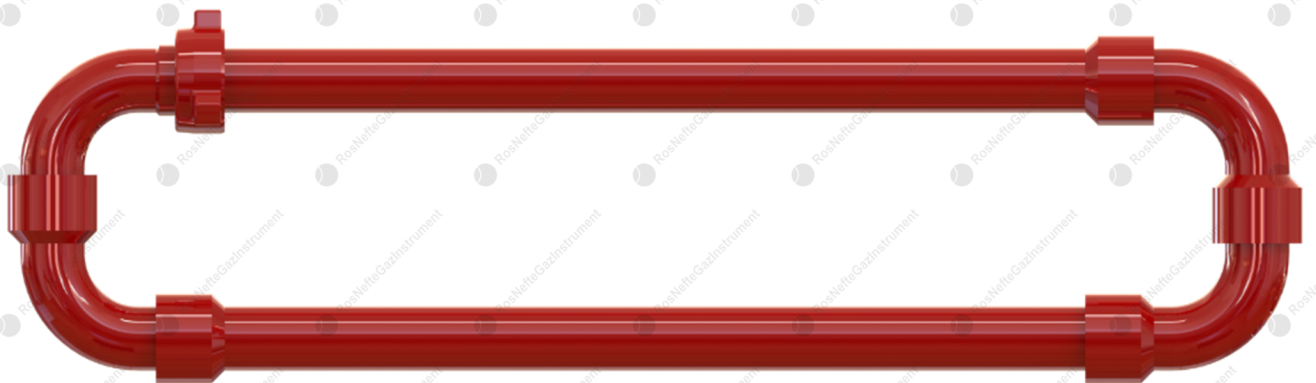
Style 80



Style 10



Style 100



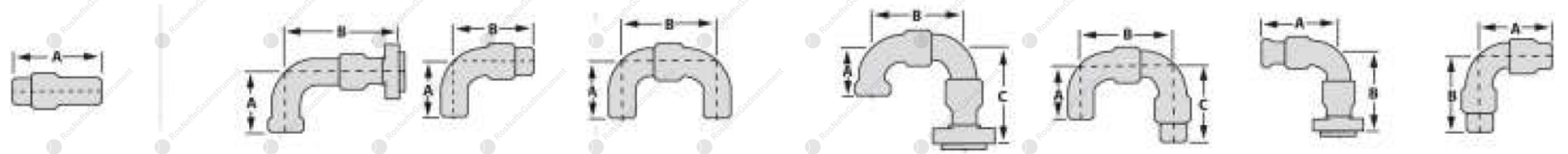
Hoses for cementing and circulation



Swivel joint specifications

Size/Ext. diameter of the model in mm (inch)	Working pressure, atm. (PSI)	End connections	Style 20		Style 30			Style 40			Style 50				Style 60			
			A, mm (inch)	Weigh, kg (pound)	A, mm (inch)	B, mm (inch)	Weigh, kg (pound)	A, mm (inch)	B, mm (inch)	Weigh, kg (pound)	A, mm (inch)	B, mm (inch)	C, mm (inch)	Weigh, kg (pound)	A, mm (inch)	B, mm (inch)	Weigh, kg (pound)	
2" LS10 48 (1.88)	680 (10000)	Threaded	183 (7.2)	6.4 (14)	162 (6.38)	229 (9.01)	9.5 (21)	162 (6.36)	273 (10.73)	13.6 (30)	163 (6.4)	273 (10.74)	229 (9)	16.8 (37)				
2" LS15 48 (1.88)	1020 (15000)	1502 (MxF)	283 (11.15)	16.8 (37)	140 (5.5)	277 (10.91)	16.3 (36)				140 (5.5)	273 (10.74)	277 (10.92)	25.5 (56)	279 (11)	279 (11)	22 (48)	
		1502 (MxM)										185 (7.28)	273 (10.74)	277 (10.92)	27.2 (60)	279 (11)	279 (11)	28.1 (62)
		1502 (FxF)										140 (5.5)	273 (10.74)	223 (8.79)	18.9 (42)	223 (8.79)	223 (8.79)	16.9 (37)
2" LS20 48 (1.88)	1360 (20000)	2002 (MxF)									130 (5.12)	277 (10.9)	315 (12.42)	28.3 (62)				
		2002 (MxM)																
3" TS15 70 (275)	510 (7500)	Threaded																

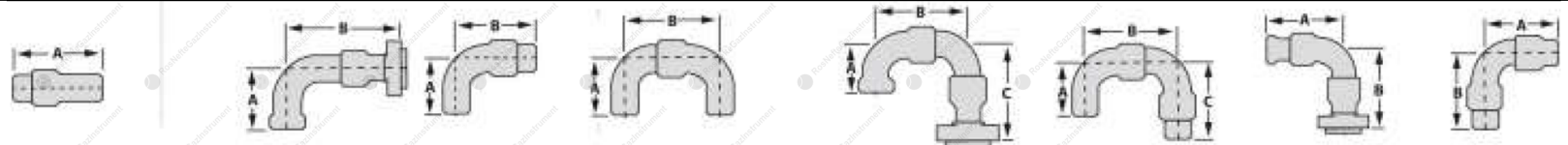
Swivel joints





Size/Ext. diameter of the model in mm (inch)	Working pressure, atm. (PSI)	End connections	Style 20		Style 30			Style 40			Style 50				Style 60		
			A, mm (inch)	Weigh, kg (pound)	A, mm (inch)	B, mm (inch)	Weigh, kg (pound)	A, mm (inch)	B, mm (inch)	Weigh, kg (pound)	A, mm (inch)	B, mm (inch)	C, mm (inch)	Weigh, kg (pound)	A, mm (inch)	B, mm (inch)	Weigh, kg (pound)
3" TSi15 70 (2.75)	1020 (15000)	1502 (MxF)	320 (12.6)	23.8 (52)	201 (7.9)	366 (14.4)	31 (68)				201 (7.9)	417 (16.4)	366 (14.4)	48.4 (107)	368 (14.5)	368 (14.5)	41.3 (91)
		1502 (MxM)															
3" TSi20 76 (3)	1360 (20000)	2002 (MxF)									246 (9.69)	538 (21.2)	518 (20.4)	131 (288)			
4" TSi10 98 (3.88)	680 (10000)	1002 (MxF)	359 (14.5)	33.6 (74)	211 (8.3)	411 (16.2)	45 (99)				211 (8.3)	460 (18.1)	411 (16.2)	73.3 (161)			
		1002 (MxM)															
4" TSi15 89 (3.5)	1020 (15000)	1502 (MxF)									246 (9.69)	538 (21.2)	518 (20.4)	116 (255)			

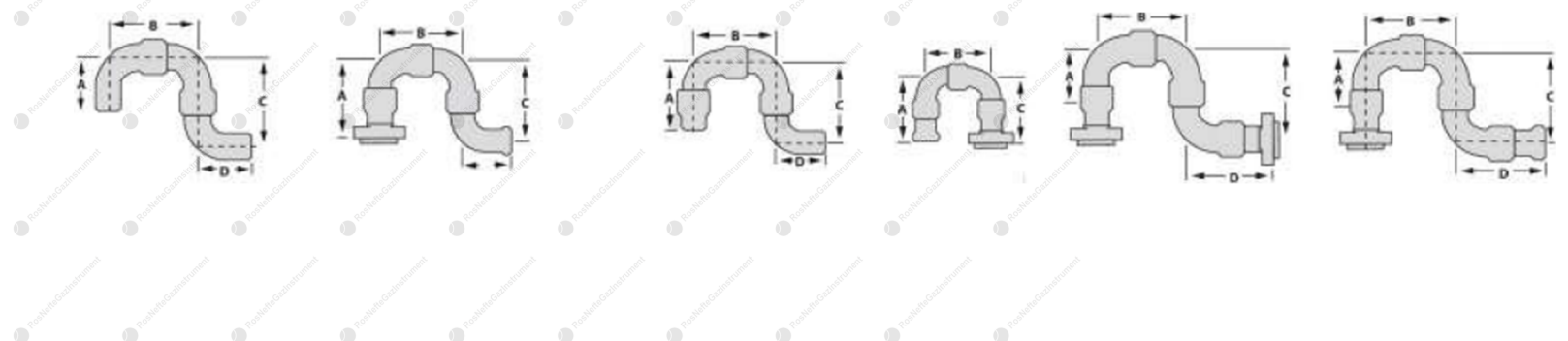
Swivel joints





Size/Ext. diameter of the model in mm (inch)	Working pressure, atm. (PSI)	End connections	Style 70					Style 80					Style 10				Style 100					
			A, mm (inch)	B, mm (inch)	C, mm (inch)	D, mm (inch)	Weigh, kg (pound)	A, mm (inch)	B, mm (inch)	C, mm (inch)	D, mm (inch)	Weigh, kg (pound)	A, mm (inch)	B, mm (inch)	C, mm (inch)	Weigh, kg (pound)	A, mm (inch)	B, mm (inch)	C, mm (inch)	D, mm (inch)	Weigh, kg (pound)	
2" LS10 48 (1.88)	680 (10000)	Threaded	162 (6.38)	273 (10.73)	273 (10.73)	162 (6.38)	21.2 (47)	226 (8.91)	273 (10.73)	273 (10.73)	162 (6.38)	25.6 (56)	229 (9)	272 (10.7)	229 (9)	20.5 (45)						
2" LS15 48 (1.88)	1020 (15000)	1502 (MxF)	140 (5.5)	273 (10.73)	273 (10.73)	140 (5.5)	27.2 (60)	277 (10.9)	256 (10.73)	256 (10.73)	140 (5.5)	36.5 (80)	277 (10.9)	272 (10.7)	277 (10.9)	27.7 (61)	279 (10.97)	273 (10.73)	273 (10.73)	277 (10.91)	37.5 (82)	
		1502 (MxM)												277 (10.9)	272 (10.7)	277 (10.9)	31.8 (70)	279 (10.97)	273 (10.73)	273 (10.73)	277 (10.91)	40.7 (90)
2" LS20 48 (1.88)	1360 (20000)																					
		2002 (MxF)												277 (10.9)	275 (10.81)	315 (12.42)	35.2 (78)					
2" LS20 48 (1.88)	1360 (20000)	2002 (MxM)												318 (12.51)	277 (10.91)	318 (12.52)	39.5 (87)	318 (12.5)	277 (10.9)	277 (10.9)	318 (12.5)	49.1 (108)
3" TSi15 70 (2.75)	510 (7500)	Threaded												327 (12.88)	417 (16.42)	327 (12.88)	46.4 (102)					

Swivel joints





Size/Ext. diameter of the model in mm (inch)	Working pressure, atm. (PSI)	End connections	Style 70					Style 80					Style 10				Style 100				
			A, mm (inch)	B, mm (inch)	C, mm (inch)	D, mm (inch)	Weigh, kg (pound)	A, mm (inch)	B, mm (inch)	C, mm (inch)	D, mm (inch)	Weigh, kg (pound)	A, mm (inch)	B, mm (inch)	C, mm (inch)	Weigh, kg (pound)	A, mm (inch)	B, mm (inch)	C, mm (inch)	D, mm (inch)	Weigh, kg (pound)
3" TSi15 70 (2.75)	1020 (15000)	1502 (MxF)						366 (14.4)	417 (16.4)	417 (16.4)	201 (7.9)	65.9 (145)	368 (14.5)	417 (16.4)	366 (14.4)	58.7 (129)	366 (14.4)	417 (16.4)	417 (16.4)	371 (14.6)	76.1 (168)
		1502 (MxM)											366 (14.4)	417 (16.4)	366 (14.4)	64.8 (143)	366 (14.4)	417 (16.4)	417 (16.4)	371 (14.6)	82.2 (181)
3" TSi20 76 (3)	1360 (20000)	2002 (MxF)											518 (20.4)	538 (21.2)	518 (20.4)	164 (360)					
4" TSi10 98 (3.88)	680 (10000)	1002 (MxF)											409 (16.1)	460 (18.1)	411 (16.2)	198 (89.8)					
		1002 (MxM)											404 (15.9)	460 (18.1)	411 (16.2)	95 (209)					
4" TSi15 89 (3.5)	1020 (15000)	1502 (MxF)											518 (20.4)	538 (21.2)	518 (20.4)	154 (338)					

Swivel joints

