

Bolt • Nut, Insulating Bolt • Nut, Insulating Sleeve, Insulating Washer



Nominal pressure	Nominal Diameter	Number of Bolt Holes	Selection Table of Bolt for Frange Piping				Butterfly Valve			
			Bolt • Nut	Stud Bolt	Insulating Sleeve	Bolt • Nut		Bolt • Nut	Insulating Sleeve	Bolt • Nut
						Bolt • Nut	Bolt • Nut			
5K	15	4	M10× 40	M10× 50	19	M10× 50				
	20		M10× 50	M10× 60		M10× 60				
	25		M10× 50	M10× 60		M10× 60				
	32		M12× 50	M12× 65		M12× 60				
	40	8	M12× 50	M12× 65	23	M12× 60	M12× 80	60	M12× 90	
	50		M12× 55	M12× 65		M12× 65	M12× 90	74	M12×100	
	65		M12× 55	M12× 65		M12× 65	M12×100	77	M12×110	
	80		M16× 55	M16× 70		M16× 65	M16×100	77	M16×110	
	100	12	M16× 60	M16× 75	29	M16× 70	M16×110	87	M16×120	
	125		M16× 60	M16× 75		M16× 70	M16×120	91	M16×130	
	150		M16× 65	M16× 80		M16× 75	M16×120	95	M16×130	
	200		M20× 75	M20× 95		M20× 90	M20×130	103	M20×140	
	250	16	M20× 75	M20× 95	33	M20× 90	M20×140	115	M20×160	
	300		M20× 75	M20× 95		M20× 90	M20×150	125	M20×170	
350	M22× 90		M22×115	M22×100		M22×160	129	M22×170		
	M22× 90		M22×115	M22×100		M22×160	129	M22×170		
10K	15	4	M12× 50	M12× 65	23	M12× 60				
	20		M12× 55	M12× 70		M12× 65				
	25		M16× 55	M16× 70		M16× 65				
	32		M16× 60	M16× 75		M16× 70				
	40	8	M16× 60	M16× 75	29	M16× 70	M16× 90	68	M16×100	
	50		M16× 60	M16× 75		M16× 70	M16×100	78	M16×110	
	65		M16× 65	M16× 80		M16× 75	M16×110	85	M16×120	
	80		M16× 65	M16× 80		M16× 75	M16×110	85	M16×120	
	100	12	M16× 65	M16× 80	33	M16× 75	M16×120	91	M16×130	
	125		M20× 70	M20× 90		M20× 80	M20×130	99	M20×140	
	150		M20× 75	M20× 95		M20× 90	M20×130	103	M20×140	
	200		M20× 75	M20× 95		M20× 90	M20×140	107	M20×150	
	250	16	M22× 90	M22×115	40	M22×100	M22×150	119	M22×160	
	300		M22× 90	M22×115		M22×100	M22×160	129	M22×170	
350	M22× 90		M22×115	M22×100		M22×170	133	M22×170		
	M22× 90		M22×115	M22×100		M22×170	133	M22×170		
20K	15	4	M12× 55	M12× 70	23	M12× 65				
	20		M12× 60	M12× 75		M12× 70				
	25		M16× 60	M16× 75		M16× 70				
	32		M16× 65	M16× 80		M16× 75				
	40	8	M16× 65	M16× 80	29	M16× 75				
	50		M16× 65	M16× 80		M16× 75				
	65		M16× 70	M16× 85		M16× 80				
	80		M20× 75	M20× 95		M20× 90				
	100	12	M20× 75	M20× 95	33	M20× 90				
	125		M22× 80	M22×105		M22×100				
	150		M22× 85	M22×110		M22×100				
	200		M22× 90	M22×115		M22×100				
	250	16	M24×110		40	M22×100				
	300		M24×110			M22×100				
350	M30×120			M22×100						
	M30×120			M22×100						