





Material Specifications

No.	Part	A105/ENP	A105/316	F316/316	LF2/316 NACE
1	Body	ASTM A105N	ASTM A105N	ASTM A182-F316	ASTM A350-LF2
2	Cover	ASTM A105N	ASTM A105N	ASTM A182-F316	ASTM A350-LF2
3	Ball	ASTM A105N/ENP	ASTM A182-F316	ASTM A182-F316	ASTM A182-F316
4	Seat Insert	PTFE/Molon/PEEK	PTFE/Molon/PEEK	PTFE/Molon/PEEK	PTFE/Molon/PEEK
5	Seat Ring	ASTM A105N/ENP	ASTM A182-F316	ASTM A182-F316	ASTM A182-F316
6	Stem	ASTM A105N/ENP	ASTM A182-F316/17-4PH	ASTM A182-F316/17-4PH	ASTM A182-F316/17-4PH
7	Top Flange	ASTM A105N	ASTM A105N	ASTM A182-F316	ASTM A350-LF2
8	Body Stud	ASTM A193-B7	ASTM A193-B7	ASTM A193-B8	ASTM A320-L7M
9	Body Nut	ASTM A194-2H	ASTM A194-2H	ASTM A194-8	ASTM A194-7M
10	Screw	Carbon Steel	Carbon Steel	Stainless Steel	ASTM A320-L7M
11	*Body Gasket	Graphite	Graphite	Graphite	Graphite
12	*Stem Firesafe packing	Graphite	Graphite	Graphite	Graphite
13	*Seat Firesafe Packing	Carbon Fibre+Graphite	Carbon Fibre+Graphite	Carbon Fibre+Graphite	Carbon Fibre+Graphite
14	Thrust Washer	PTFE/316SS+PTFE+MoS2	PTFE/316SS+PTFE+MoS2	PTFE/316SS+PTFE+MoS2	PTFE/316SS+PTFE+MoS2
15	Washer	PTFE/316SS+PTFE+MoS2	PTFE/316SS+PTFE+MoS2	PTFE/316SS+PTFE+MoS2	PTFE/316SS+PTFE+MoS2
16	Bearing	316SS+PTFE+MoS2	316SS+PTFE+MoS2	316SS+PTFE+MoS2	316SS+PTFE+MoS2
17	Bearing	316SS+PTFE+MoS2	316SS+PTFE+MoS2	316SS+PTFE+MoS2	316SS+PTFE+MoS2
18	*O-Ring	Viton	Viton	Viton	Viton
19	*O-Ring	Viton	Viton	Viton	Viton
20	*O-Ring	Viton	Viton	Viton	Viton
21	Vent Valve	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel
22	Drain	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel
23	Stem Injection	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel
24	Seat Injection	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel
25	Seat Spring	INCONEL X-750	INCONEL X-750	INCONEL X-750	INCONEL X-750
26	Antistatic Spring	INCONEL X-750	INCONEL X-750	INCONEL X-750	INCONEL X-750
27	Antistatic Spring	INCONEL X-750	INCONEL X-750	INCONEL X-750	INCONEL X-750
28	Grounding Plunger	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel
29	Gland Pin	Carbon Steel	Carbon Steel	Stainless Steel	Stainless Steel
30	Key	Carbon Steel	Carbon Steel	Stainless Steel	Carbon Steel

* Recommended Spare Parts