

1. Three Piece Ball Valve **(Flange and & Threaded End)**

Material Specification:

Body	PPCP / Isotactic PP / PVDF
End Piece (Flange)	PPCP / Isotactic PP / PVDF
Body Seal Carrier	PPCP / Isotactic PP / PVDF
Ball	Isotactic PP / PVDF/PPCP
Spindle	PPCP / Isotactic PP / PVDF lined (EN-8 /SS-304/SS-316 Inserted)
Handle	PP with Metal Bar Inserted
Flange Seal	Neoprene / EPDM / Viton*
Body Seal	Neoprene / EPDM / Viton
Spindle Seal	Neoprene / EPDM / Viton
Ball and Spindle Seat	PTFE
Fasteners	MS Galvanized / SS-304 / SS-316**
Spindle Bolt	MS Galvanized / SS-304 / SS-316

*Body and Stem seals are offered in various elastomers like EPDM, Neoprene, Butyl, and Viton and also in PTFE for chemical resistance against most chemicals.

**SS Fasteners are also provided as per requirement only.

Pressure Rating:

Body	15mm To 65mm	10 kg/cm ² (140 psi)
	80mm to 150mm	8 kg/cm ² (115 psi)
Seat	15mm To 150mm	10 kg/cm ² (140 psi)

Max Temperature Rating:

Polypropylene (PP)	95° C
Isotactic Polypropylene (Iso. PP)	110° C
Polyvinylidene Fluoride (PVDF)	130° C

Drilling Standards:

ANSI B 16.5 #150

AS Table D, Table E & Table F

Capsule Shape (Universal Drill)

Dimensions:

Size		OD	ID	T	L
15NB	½"	93	15	17	134
20NB	¾"	98	20	18	143
25NB	1"	118	24	15	157
40NB	1-1/2"	142	38	18	185
50NB	2"	163	49	20	225
65NB	2-1/2"	182	64	22	227
80NB	3"	205	74	27	270
100NB	4"	228	97	27	287
150NB	6"				