

ECONOMICAL ONE-PIECE MALE X FEMALE END BALL VALVE

Model: Series 12

- **Body Material**
ASTM CF8M, DIN 1.4408
- **Size Range**
1/4" - 2" (DN8~DN50)
- **Pressure Rating**
1000 PSI, DIN PN63
- **End Connection**
Female pipe thread to NPT, DIN259/2999,and BS standards
- **Temperature Range**
-4°F to 350°F (-20°C to 180°C) with PTFE seats



Dimensions(mm):

SIZE IN	DN	d	L	H	W
1/4	8	5.0	46	27	70
3/8"	10	7.2	51	28.5	81.5
1/2"	15	9.2	59	44.5	97
3/4"	20	12.5	62.5	46	97
1"	25	15.0	76.8	53	101

Materials List(mm):

NO.	PART NAME	MATERIAL
1	BODY	CF8M
2	CAP INSERT	CF8M
3	BALL SEAT	PTFE
4	BALL	CF8M / SS316
5	STEM	SS316
6	THRUST WASHER	PTFE
7	STEM PACKING	PTFE
8	BELLEVILLE WASHER	SS304
9	HANDLE WASHER	SS304
10	HANDLE NUT	SS304
11	HANDLE	SS304
12	HANDLE SLEEVE	VINYL

BALL: SS316 → 1/4" - 1/2", CF8M → 3/4" - 1"

Valve Body Rating with Seat Material Plot :

