



### FEATURES

- Investment Cast Body Construction
- 1 Piece Body Design
- Blow-Out-Proof Stem Design
- Male Threaded End x Female Threaded End
- Super Alloy materials for highly corrosive medium are available upon request

### SPECIFICATIONS

- Size Range DN8 ~ DN25 ( 1/4" ~ 1" )
- End Connection Threaded Ends
- Working Pressure PN63 for DN8 ~ DN25 / 1000PSI ( CWP ) for 1/4" ~ 1"
- Steam Pressure 150 PSIG. Saturated Steam for PTFE.
- Temperature Range -4 to 320 °F ( -20 to 160 °C ) for PTFE.

### STANDARDS

- Design EN-12516-1/3
- Threaded End NPT/ BS 21 ( BSP ) / BSPT / ISO 228-1 / DIN 2999 / ISO 7-1Rp
- Face to Face MFG Standard
- Material EN1503-1
- Pressure Testing EN 12266

### CERTIFICATE

- Quality Assurance ISO 9001
- Material Certificate EN 10204-3.1 MTR
- CE Approval PED 97/23/EC Module H

### MATERIAL LIST

NO.	PART NAME	MATERIAL ( more options available )
1	BODY	EN1503-1 1.4408 EN1503-1 1.0619
4	BALL	ASTM A276 Gr.316 for DN8 ~ DN15 ASTM A351 Gr.CF8M for DN20 ~ DN25
5	STEM	ASTM A276 Gr.316
9	INSERT CAP	EN1503-1 1.4408 EN1503-1 1.0619
11	BODY SEAL	PTFE.
12	SEAT	PTFE.
13	THRUST WASHER	PTFE.
14	STEM PACKING	PTFE.
15	GLAND WASHER	SS304
19	HANDLE	SS304
21	HANDLE COVER	PLASTIC
23	SPRING WASHER	SS304
24	HANDLE NUT	SS304

### DIMENSION

unit : mm

SIZE	PORT	L	E	H	W
DN8	1/4"	5.0	46.0	70.0	16.0
DN10	3/8"	7.2	51.0	81.5	21.5
DN15	1/2"	9.2	59.0	97.0	24.5
DN20	3/4"	12.5	62.5	97.0	32.0
DN25	1"	15.0	76.6	101.0	38.0

### DIMENSION

unit : inch

SIZE	PORT	L	E	H	W
DN8	1/4"	0.19	1.81	2.75	0.62
DN10	3/8"	0.28	2.00	3.20	0.84
DN15	1/2"	0.36	2.32	3.81	0.96
DN20	3/4"	0.49	2.46	3.81	1.25
DN25	1"	0.59	3.01	3.97	1.49