



TRUE UNION (DOUBLE UNION) BALL VALVE

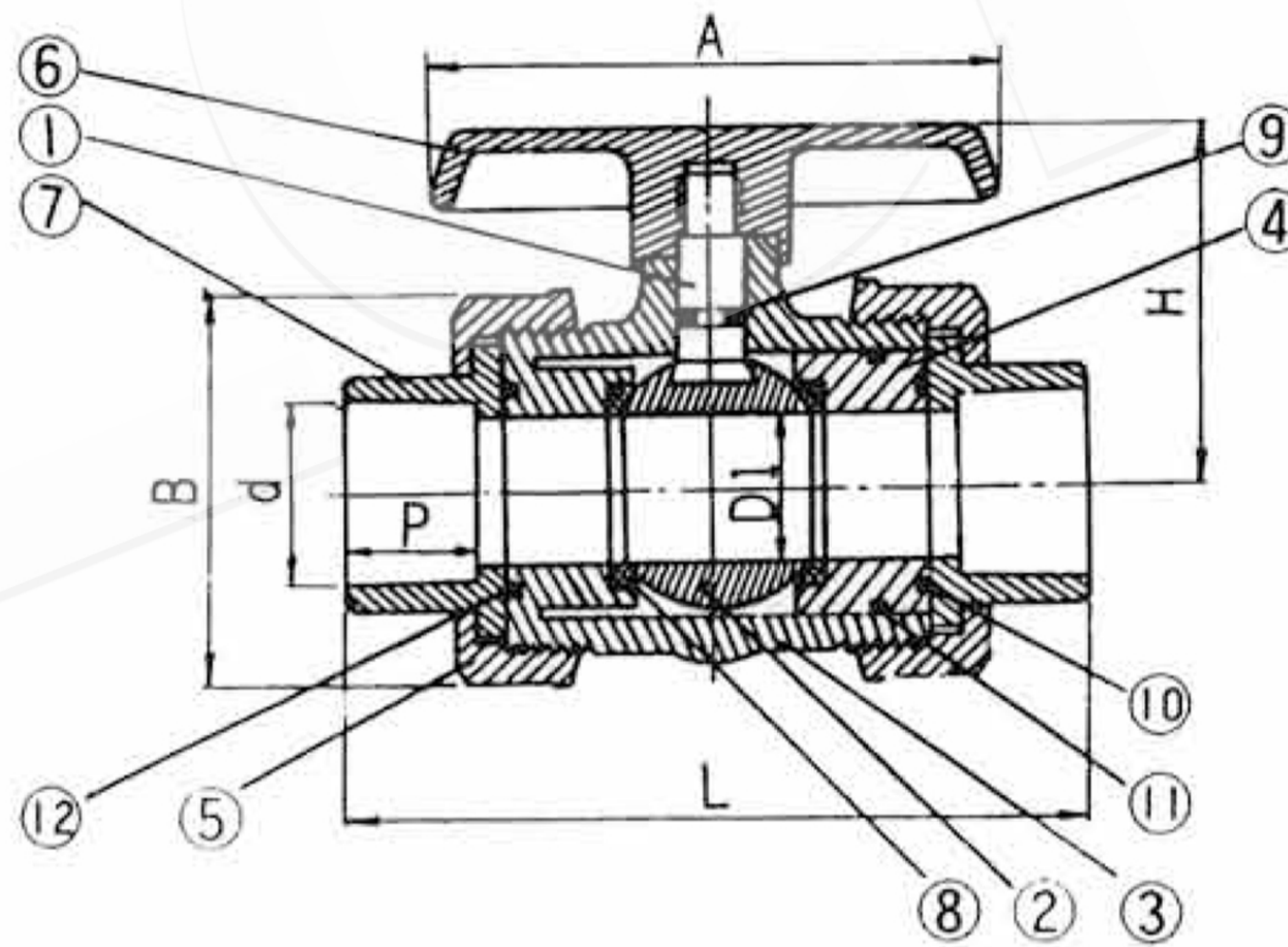
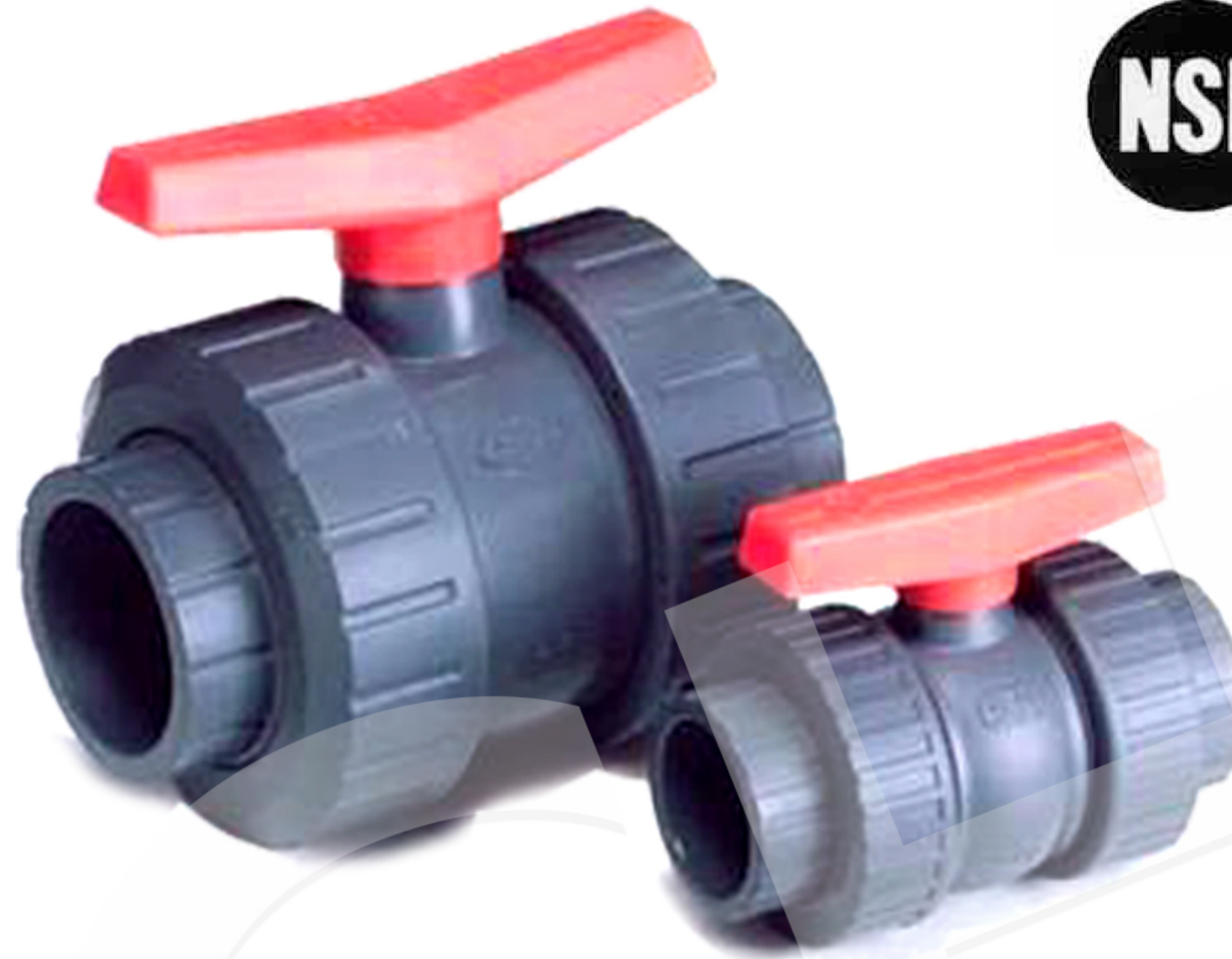
TYPE: SOCKET CD100/THREAD CD200



ISO 9001



NSF 14/NSF 61



SOCKET & SCREW TYPE

MATERIALS OF CONSTRUCTION

Item	Parts	Pcs	Materials	Item	Parts	Pcs	Materials
①	Stem	1	UPVC,PP,CPVC,PVDF	⑧	Seat	2	PTFE
②	Ball	1	UPVC,PP,CPVC,PVDF	⑨	Stem O-ring	1	EPDM,VITON
③	Body	1	UPVC,PP,CPVC,PVDF	⑩	seat Carrier O-ring	1	EPDM,VITON
④	Seat Carrier	1	UPVC,PP,CPVC,PVDF	⑪	Body O-ring	1	EPDM,VITON
⑤	Union Nut	2	UPVC,PP,CPVC,PVDF	⑫	Solid End O-ring	1	EPDM,VITON
⑥	Handle	1	ABS	⑬	Flange	2	UPVC,PP,CPVC,PVDF
⑦	Connector	2	UPVC,PP,CPVC,PVDF				



DIMENSIONS TABLE

JIS														Unit:mm	
Nom Size DN-inch	D ₁	D ₂	D ₃	d		φe	n	p	L		A	T	H	B	Test Press kgf/cm ²
				Socket	Thread				Socket	Thread					
15(1/2")	15	70	95	20	PT1/2	15	4	22.2	118	109	82	15	47	46	15
20(3/4")	19	75	100	26	PT3/4	15	4	25.4	131	131	101	15	64	61	15
25(1")	25	90	125	32	PT1	19	4	28.6	148	143	111	17	67	67	15
32(1-1/4")	38	100	135	38	PT1 1/4	19	4	31.8	186	186	126	17	83	96	15
40(1-1/2")	38	105	140	48	PT1 1/2	19	4	34.9	186	186	126	17	83	96	15
50(2")	50	120	155	60	PT2	19	4	38.1	197	197	152	20	102	113	15
65(2-1/2")	65	140	175	76	PT2 1/2	19	4	44.5	224	224	190	20	140	150	10
80(3")	78	150	185	89	PT3	19	8	47.6	276	276	230	20	165	184	10
100(4")	85	175	210	114	PT4	19	8	57.2	362	362	274	22	172	199	10

ANSI														Unit:inch	
Nom Size DN-inch	D ₁	D ₂	D ₃	d		φe	n	p	L		A	T	H	B	Test Press lb/in ²
				Socket	Thread				Socket	Thread					
15(1/2")	0.591	2.375	3.500	0.840	NPT1/2	0.625	4	0.875	4.646	4.291	3.228	0.590	1.850	1.811	222
20(3/4")	0.748	2.750	3.875	1.050	NPT3/4	0.625	4	1.000	5.157	5.157	3.976	0.590	2.520	2.402	222
25(1")	0.984	3.125	4.250	1.315	NPT1	0.625	4	1.125	5.287	5.630	4.370	0.669	2.638	2.638	222
32(1-1/4")	1.496	3.500	4.625	1.660	NPT1 1/4	0.625	4	1.250	7.320	7.320	4.961	0.669	3.268	3.780	222
40(1-1/2")	1.496	3.875	5.000	1.900	NPT1 1/2	0.625	4	1.375	7.320	7.320	4.961	0.669	3.268	3.780	222
50(2")	1.969	4.750	6.000	2.375	NPT2	0.750	4	1.500	7.756	7.756	5.984	0.787	4.016	4.449	222
65(2-1/2")	2.559	5.500	7.000	2.875	NPT2 1/2	0.750	4	1.750	8.622	7.520	7.480	0.787	5.512	5.905	148
80(3")	3.071	6.000	7.500	3.500	NPT3	0.750	4	1.875	11.063	9.449	9.055	0.787	6.496	7.244	148
100(4")	3.346	7.500	9.000	4.500	NPT4	0.750	8	2.250	14.252	14.252	10.787	0.866	6.772	7.835	148

DIN														Unit:mm	
Nom Size DN-inch	D ₁	D ₂	D ₃	d		φe	n	p	L		A	T	H	B	Test Press kgf/cm ²
				Socket	Thread				Socket	Thread					
15(1/2")	15	65	95	20	R1/2	14	4	16.0	118	109	82	15	47	46	15
20(3/4")	19	75	105	25	R3/4	14	4	18.5	131	131	101	15	64	61	15
25(1")	25	85	115	32	R1	14	4	22.0	148	143	111	17	67	67	15
32(1-1/4")	38	100	140	40	R1 1/4	18	4	26.0	186	186	126	17	83	96	15
40(1-1/2")	38	110	150	50	R1 1/2	18	4	31.0	186	186	126	17	83	96	15
50(2")	50	125	165	63	R2	18	4	37.5	197	197	152	20	102	113	15
65(2-1/2")	65	145	185	75	R2 1/2	18	4	43.5	224	224	190	20	140	150	10
80(3")	78	160	200	90	R3	18	8	51.0	276	276	230	20	165	184	10
100(4")	85	180	220	110	R4	18	8	61.0	362	362	274	22	172	199	10

The dimension table is calculably based on PVC material.
 The value of tes pressure is calculably based on PVC PVDF materials.
 The value of test Pressure for PP material is 70% based on this table.