



STRAIGHTWAY TAPER PLUG VALVES

CAST STEEL CLASS 300
REGULAR PATTERN
RECTANGULAR PORT

Class	Max. CWP	Test Pressure	Pattern	Connections	Port	Materials		Operation
						Body & Cover	Plug	
300	740 Psi	Shell 1125 Psi Seat 815 Psi	Straightway Regular	Flanges R.F. or R.J. ASME B 16.5 Face to Face ASME B 16.10	Rectangular	Cast Steel ASTM A 216 Grade WCB Cover: EN 100254 S355 J0 S355 J2G3	Cast Iron ASTM A 126 Class B	Manual
							Steel	

	WRENCH TYPE 8 L	GEAR TYPE C	GEAR TYPE D
Plug	DN 1" - 6"	DN 1" - 16"	DN 6" - 16"
Cast Iron	9-AV 70144 N	9-AV 70144 C	9-AV 70144 D
Steel	9-AV 70147 N	9-AV 70147 C	9-AV 70147 D

DN	A	B	C	D	E	F	H	I	L	M	N	O	P	Q	R	V	V
1"	37	32	76	124	15	22	45	16	76	104	32			25	124	*159	*172
1 1/4"	37	40	86	134	17	22	45	16	83	104	32			32	133	*178	*191
1 1/2"	40	49	92	140	18	22	45	16	98	104	32			38	155	*191	*203
2"	46	55	102	162	21	24	150	101	110	181	47			51	165	*216	*232
2 1/2"	52	65	120	180	22	27	150	101	122	181	47			64	191	*241	*257
3"	62	74	135	195	24	30	150	101	134	181	47			76	210	*283	*299
4"	90	93	160	240	31	36	150	101	150	195	65			102	254	*305	*321
5"	105	101	185	265	38	41	150	101	167	195	65			127	279	*349	*365
6"	117	115	206	286	42	50	200	101	252	268	85	46	375	152	318	403	419
8"	144	162	254	334	48	55	200	101	289	268	85	46	412	203	381	502	518
10"	183	190					300	101	334	293	95	70	458	254	445	568	584
12"	197	224					300	101	364	293	95	70	488	305	521	711	727
14"	235	247					300	101	441	361	135	69	575	337	584	762	778
16"	250	295					300	101	466	400	160	108	600	387	648	838	854

Note: * Not included in the standards.