



# STRAIGHTWAY TAPER PLUG VALVES

CAST STEEL CLASS 300  
SHORT 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 Short	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 10025 S355J0 S355J2G3	Cast Iron ASTM A 126 Class B	Manual
							Steel	

	WRENCH TYPE 8 K	GEAR TYPE C	GEAR TYPE D
Plug	DN 1" - 6"	DN 1" - 12"	DN 6" - 12"
Cast Iron	5-AS 70144 N	5-AS 70144 C	5-AS 70144 D
Steel	5-AS 70147 N	5-AS 70147 C	5-AS 70147 D

DN	A	B	C	D	E	F	H	I	L	M	N	O	P	Q	R	V	V
1"	40	86	123	163	24	30	45	16	97	104	32			25	124	159	172
1 1/4"	41	86	123	163	24	30	45	16	97	104	32			32	133	*178	*191
1 1/2"	44	97	128	167	24	30	45	16	101	104	32			38	156	191	203
2"	60	102	148	188	24	30	150	101	137	181	47			51	165	216	232
2 1/2"	76	115	171	224	32	36	150	101	155	181	47			64	191	241	257
3"	69	119	192	248	42	50	150	101	163	181	47			76	210	283	299
4"	98	160	211	265	42	50	150	101	181	195	65			102	254	305	321
6"	136	183	294	357	51	65	200	101	315	268	85	46	438	152	318	403	419
8"	145	247					200	101	342	268	85	46	465	203	381	419	435
10"	195	277					300	101	416	293	95	70	540	254	445	457	473
12"	193	304					300	101	432	293	95	70	556	305	521	502	518

Note: \* Not included in the standards.