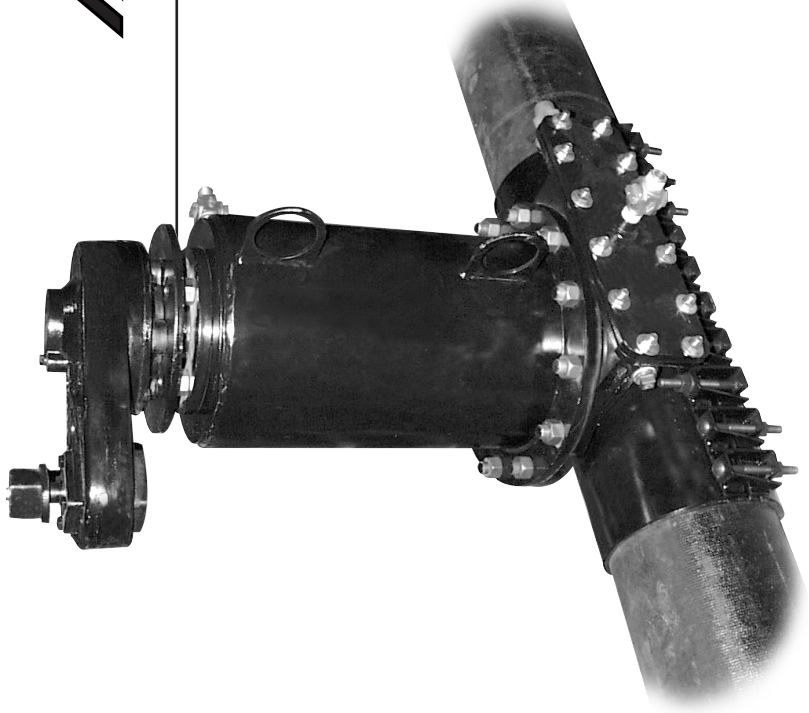


Pipe Material	Class	Nominal	Recommended	Sleeve size	Plug Size	Valve Part	Cutter Size	Approx. Travel	
		OD	Sleeve	Range					
10" Nominal Pipe Size	Steel	Sch 40	10.75	311-1095010	10.75 - 10.95	9 3/4"	358-01-0975	10"	6"+ 8 turns
		Sch 80	10.75	311-1095010	10.75 - 10.95	9 3/8"	358-01-0938	9 1/2"	6"+ 8 turns
	PVC C-900	DR 18, DR 25	11.10	311-1125010	10.85 - 11.25	9 3/4"	358-01-0975	10"	6"+ 10 turns
		DR 14	11.10	311-1125010	10.85 - 11.25	9 3/8"	358-01-0938	9 1/2"	6"+ 10 turns
	PVC 10" ASTM D 2241	CL 100, 125, 160, 200	10.75	311-1095010	10.75 - 10.95	9 3/4"	358-01-0975	10"	6"+ 8 turns
	Cast Iron (all Classes)		11.10	311-1125010	10.85 - 11.25	9 3/4"	358-01-0975	10"	6"+ 10 turns
			11.40	311-1145010	11.05 - 11.45	9 3/4"	358-01-0975	10"	7"+ 0 turns
			11.60	311-1180010	11.40 - 11.80	9 3/4"	358-01-0975	10"	7"+ 3 turns
			11.84	311-1220010	11.80 - 12.20	9 3/4"	358-01-0975	10"	7"+ 3 turns
	Ductile Iron (all Classes)		11.10	311-1125010	10.85 - 11.25	9 3/4"	358-01-0975	10"	6"+ 10 turns
		11.40	311-1145010	11.05 - 11.45	9 3/4"	358-01-0975	10"	7"+ 0 turns	
Asbestos- Cement	AC J-M	CL 100, 150	11.37	311-1145010	11.05 - 11.45	9 3/4"	358-01-0975	10"	7"+ 0 turns
	Simplex (rough barrel)	CL 100	11.43	311-1145010	11.05 - 11.45	9 3/4"	358-01-0975	10"	7"+ 0 turns
	Certain-Teed	CL 100	11.46	311-1180010	11.40 - 11.80	9 3/4"	358-01-0975	10"	7"+ 3 turns
	Certain-Teed	CL 200	11.88	311-1220010	11.80 - 12.20	9 3/8"	358-01-0938	9 1/2"	7"+ 3 turns
	AC J-M	CL 200	11.92	311-1220010	11.80 - 12.20	9 3/8"	358-01-0938	9 1/2"	7"+ 3 turns
	Simplex (rough barrel)	CL 150	11.95	311-1220010	11.80 - 12.20	9 3/4"	358-01-0975	10"	7"+ 3 turns
	Simplex (rough barrel)	CL 200	12.45	311-1260010	12.20 - 12.60	9 3/8"	358-01-0938	9 1/2"	7"+ 6 turns

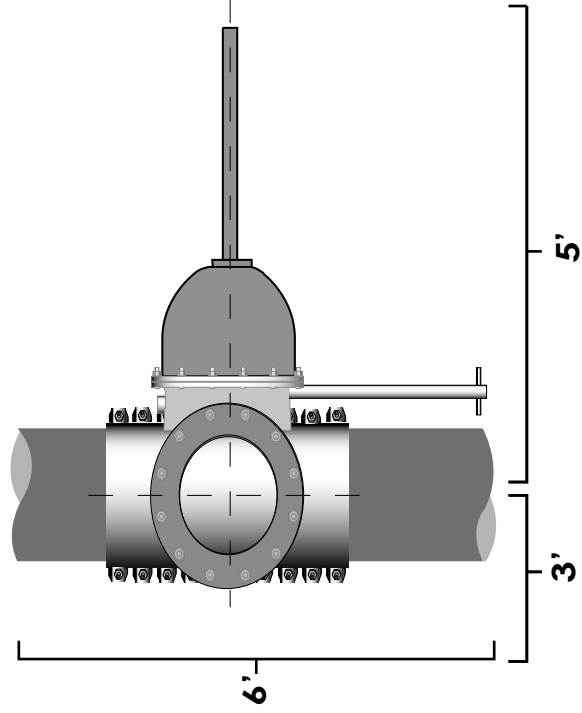
Pipe Material	Class	Nominal	Recommended	Sleeve size	Plug Size	Valve Part	Cutter Size	Approx. Travel	
		OD	Sleeve	Range					
12" Nominal Pipe Size	Steel	Sch 40	12.75	311-1295010	12.75 - 12.95	11 3/4"	358-01-1175	12"	7"+ 8 turns
		Sch 80	12.75	311-1295010	12.75 - 12.95	11 3/8"	358-01-1138	11 1/2"	7"+ 8 turns
	PVC C-900	DR 18, DR 25	13.20	311-1320010	12.90 - 13.20	11 3/4"	358-01-1175	12"	7"+ 11 turns
		DR 14	13.20	311-1320010	12.90 - 13.20	11 3/8"	358-01-1138	11 1/2"	7"+ 11 turns
	PVC 12" ASTM D 2241	CL 100, 125, 160	12.75	311-1295010	12.75 - 12.95	11 3/4"	358-01-1175	12"	7"+ 8 turns
		CL 200	12.75	311-1295010	12.75 - 12.95	11 3/8"	358-01-1138	11 1/2"	7"+ 8 turns
	Cast Iron (all Classes)		13.20	311-1320010	12.90 - 13.20	11 3/4"	358-01-1175	12"	7"+ 11 turns
			13.50	311-1350010	13.10 - 13.50	11 3/4"	358-01-1175	12"	8"+ 0 turns
			13.76	311-1380010	13.40 - 13.80	11 3/4"	358-01-1175	12"	8"+ 2 turns
			14.08	311-1410010	13.70 - 14.10	11 3/4"	358-01-1175	12"	8"+ 4 turns
Ductile Iron (all Classes)		13.20	311-1320010	12.90 - 13.20	11 3/4"	358-01-1175	12"	7"+ 11 turns	
		13.50	311-1350010	13.10 - 13.50	11 3/4"	358-01-1175	12"	8"+ 0 turns	
Asbestos- Cement	AC J-M	CL 100	13.49	311-1380010	13.40 - 13.80	11 3/8"	358-01-1138	11 1/2"	8"+ 0 turns
	Simplex (rough barrel)	CL 100	13.61	311-1380010	13.40 - 13.80	11 3/4"	358-01-1175	12"	8"+ 2 turns
	Certain-Teed	CL 100	13.70	311-1380010	13.40 - 13.80	11 3/4"	358-01-1175	12"	8"+ 2 turns
	Certain-Teed	CL 200	14.11	311-1440010	14.00 - 14.40	11 3/8"	358-01-1138	11 1/2"	8"+ 4 turns
	AC J-M	CL 200	14.18	311-1440010	14.00 - 14.40	11 3/8"	358-01-1138	11 1/2"	8"+ 4 turns
	Simplex (rough barrel)	CL 150	14.21	311-1440010	14.00 - 14.40	11 3/4"	358-01-1175	12"	8"+ 4 turns
	Simplex (rough barrel)	CL 200	14.72	Please call for Special quote		11 3/8"	358-01-1138	11 1/2"	8"+ 8 turns

InsertaValve™

Travel Chart



- Expose Pipe. NOTE: To install the InsertaValve, you need to have access to its components. See ditch dimensions.
- The InsertaValve needs a minimum depth of bury to the top of the pipe of 40 inches.
- Before installing the InsertaValve sleeve, clean pipe thoroughly, removing all dirt, rock, scale, and foreign material in area where tapping sleeve is to be installed. Clean a 36" area (minimum length) of pipe on which to position sleeve. Be sure to clean the under side of the pipe thoroughly.
- Check the outside diameter (OD) of the pipe and the range marked on the tapping sleeve to ensure you have the proper size sleeve.



RECOMMENDED DITCH DIMENSIONS

- 6 feet of pipe.
- 2 - 3 feet on one side of pipe.
- 5 feet on the other side.
- 6 - 8 inches below the pipe.