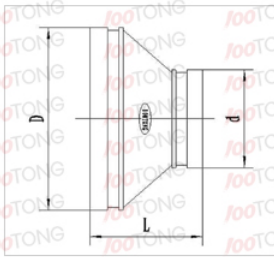


# Reducer(grooved)



Size	Pipe O.D.	Tee		Cross Standard	Eccentric Cap	Cap	Reducer grooved	Reducer threaded	Eccentric Reducer
		Standard	Short						
DN	mm	L	L	L	L	L	L	L	L
in	in	mm	mm	mm	mm	mm	mm	mm	mm
25	33.7	57	57	57	25	25	64	64	64
1	1.315	2.244	2.244	2.244	0.99	0.99	2.519	2.519	2.519
32	42.4	70	60	60	25	25	64	64	64
1 1/4	1.660	2.755	2.362	2.362	0.99	0.99	2.519	2.519	2.519
40	48.3	70	60	60	25	25	64	64	64
1 1/2	1.900	2.755	2.362	2.362	0.99	0.99	2.519	2.519	2.519
50	57.0	83	70	70	25	25	64	64	64
	2.244	3.267	2.755	2.775	0.99	0.99	2.519	2.519	2.519
50	60.3	83	70	70	25	25	64	64	64
2	2.375	3.267	2.755	2.755	0.99	0.99	2.519	2.519	2.519
65	73.0	95	76	76	25	25	64	64	64
2 1/2	2.875	3.74	2.992	2.992	0.99	0.99	2.519	2.519	2.519
65	76.1	95	76	76	25	25	64	64	64
	3.000	3.74	2.992	2.992	0.99	0.99	2.519	2.519	2.519
80	88.9	108	86	86	25	25	64	64	64
3	3.500	4.251	3.386	3.326	0.99	0.99	2.519	2.519	2.519
100	108.0	127	101.5	101.5	25	25	76	76	76
	4.252	5	3.996	3.996	0.99	0.99	2.99	2.99	2.99
100	114.3	127	101.5	101.5	25	25	76	76	76
4	4.500	5	3.996	3.996	0.99	0.99	2.99	2.99	2.99
125	133.0	140	122	122	25	25	89	89	89
	5.250	5.511	4.803	4.803	0.99	0.99	3.504	3.504	3.504
125	139.7	140	122	122	25	25	89	89	89
5	5.500	5.511	4.803	4.803	0.99	0.99	3.504	3.504	3.504
150	159.0	165	140	140	25	25	102	102	102
	6.260	6.496	5.511	5.511	0.99	0.99	4.015	4.015	4.015
150	165.1	165	140	140	25	25	102	102	102
	6.500	6.496	5.511	5.511	0.99	0.99	4.015	4.015	4.015
150	168.3	165	140	140	25	25	102	102	102
6	6.625	6.496	5.511	5.511	0.99	0.99	4.015	4.015	4.015
200	219.1	197	175	175	30	30	127	127	127
8	8.625	7.755	6.889	6.889	1.181	1.181	5	5	5
250	273.0	229	215	215	32	32	152		
10	10.750	9.015	8.464	8.464	1.259	1.259	5.98		
300	323.9	254	245	245	32	32	178		
12	12.750	10	9.645	9.645	1.259	1.259	7		
350	377.0	280	280	280	40	40	160		
	14.843	11.024	11.024	11.024	1.575	1.575	6.299		