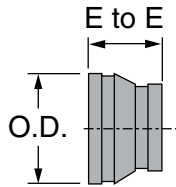


FIG. R-1 Concentric Reducer



R-1 CONCENTRIC REDUCER

Nominal Size	End to End	Approx. Wt. Ea.	Nominal Size	End to End	Approx. Wt. Ea.	Nominal Size	End to End	Approx. Wt. Ea.
In./DN(mm)	In./mm	Lbs./Kg	In./DN(mm)	In./mm	Lbs./Kg	In./DN(mm)	In./mm	Lbs./Kg
1 1/4 x 1 32 x 25	3 5/16 84	0.85 0.4	5 x 1 125 x 25	—	4.8 2.2	10 x 2 250 x 50	—	16.4 7.4
1 1/2 x 1 40 x 25	3 5/16 84	0.73 0.3	5 x 1 1/4 125 x 32	—	4.8 2.2	10 x 2 1/2 250 x 65	—	16.4 7.4
1 1/2 x 1 1/4 40 x 32	3 5/16 84	1.0 0.4	5 x 1 1/2 125 x 40	3 1/2 89	4.8 2.2	10 x 3 250 x 80	—	16.4 7.4
2 x 1 (d) 50 x 25	3 5/16 84	0.7 0.3	5 x 2 125 x 50	3 1/2 89	4.8 2.2	10 x 4 250 x 100	6 152	16.4 7.4
2 x 1 1/4 (d) 50 x 32	3 5/16 84	0.8 0.4	5 x 2 1/2 125 x 65	3 1/2 89	4.8 2.2	10 x 5 250 x 125	6 152	16.4 7.4
2 x 1 1/2 (d) 50 x 40	3 5/16 84	0.8 0.4	5 x 3 125 x 80	3 1/2 89	4.8 2.2	10 x 6 250 x 150	6 152	16.4 7.4
2 1/2 x 1 65 x 25	3 5/16 84	1.5 0.7	5 x 4 125 x 100	3 1/2 89	4.8 2.2	10 x 8 (d) 250 x 200	6 152	23.1 10.5
2 1/2 x 1 1/4 65 x 32	3 5/16 84	1.5 0.7	6 x 1 150 x 25	—	7.5 3.4	10 x 4 250 x 100	6 152	16.4 7.4
2 1/2 x 1 1/2 65 x 40	3 5/16 84	1.5 0.7	6 x 1 1/2 150 x 40	—	7.5 3.4	10 x 5 250 x 125	6 152	16.4 7.4
2 1/2 x 2 65 x 50	3 5/16 84	1.9 0.9	6 x 2 (d) 150 x 50	4 102	6.3 2.9	10 x 6 250 x 150	6 152	16.4 7.4
3 x 1 80 x 25	3 5/16 84	2.4 1.1	6 x 2 1/2 150 x 65	4 102	5.1 2.3	10 x 8 (d) 250 x 200	6 152	23.1 10.5
3 x 1 1/4 80 x 32	3 5/16 84	2.4 1.1	6 x 3 (d) 150 x 80	4 102	4.3 1.9	12 x 1 300 x 25	—	19.0 8.6
3 x 1 1/2 80 x 40	3 5/16 84	2.4 1.1	6 x 4 (d) 150 x 100	4 102	6.3 2.9	12 x 2 300 x 50	—	19.0 8.6
3 x 2 (d) 80 x 50	3 5/16 84	1.4 0.6	6 x 5 150 x 125	4 102	7.5 3.4	12 x 2 1/2 300 x 65	—	19.0 8.6
3 x 2 1/2 (d) 80 x 65	3 5/16 84	1.5 0.7	8 x 1 1/2 200 x 40	—	9.1 4.1	12 x 3 300 x 80	—	19.0 8.6
4 x 1 100 x 25	3 3/8 86	3.2 1.5	8 x 2 200 x 50	5 127	9.1 4.1	12 x 4 300 x 100	7 178	19.0 8.6
4 x 1 1/4 100 x 32	3 3/8 86	3.2 1.5	8 x 2 1/2 200 x 65	5 127	9.1 4.1	12 x 5 300 x 125	7 178	19.0 8.6
4 x 1 1/2 (d) 100 x 40	3 3/8 86	2.7 1.2	8 x 3 (d) 200 x 80	5 127	9.2 4.2	12 x 6 300 x 150	7 178	19.0 8.6
4 x 2 (d) 100 x 50	3 3/8 86	2.5 1.1	8 x 4 (d) 200 x 100	5 127	9.8 4.4	12 x 8 300 x 200	7 178	19.0 8.6
4 x 2 1/2 (d) 100 x 65	3 3/8 86	3.2 1.5	8 x 5 200 x 125	5 127	9.1 4.1	12 x 10 300 x 250	7 178	19.0 8.6
4 x 3 (d) 100 x 80	3 76	2.6 1.2	8 x 6 (d) 200 x 150	5 127	12.0 5.4			
4 x 3 1/2 100 x 90	—	1.0 0.4	10 x 1 1/2 250 x 40	—	16.4 7.4			

(d)=Ductile Iron all others are fabricated.



For Listings/Approval Details and Limitations, visit our website at www.anvilintl.com or contact an Anvil® Sales Representative.

LPS 1219: Issue 3.1
Cert/LPCB ref. 519a/26

MATERIAL SPECIFICATIONS

CAST FITTINGS:

Ductile Iron conforming to ASTM-A536, Grade 65-45-12

FABRICATED FITTINGS:

1" - 10" Carbon Steel, Schedule 40, conforming to ASTM A-53, Grade B

12" Carbon Steel, Standard Wall, conforming to ASTM A-53, Grade B

COATINGS:

- Rust inhibiting paint Color: ORANGE (standard) or
- Hot Dipped Zinc Galvanized conforming to ASTM A-153 (optional)
- Other available options: Example: RAL3000 or RAL9000 Series

O.D. CHART

Nominal Size	O.D.	Nominal Size	O.D.	Nominal Size	O.D.
In./DN(mm)	In./mm	In./DN(mm)	In./mm	In./DN(mm)	In./mm
1 25	1.315 33.4	3 80	3.500 88.9	6 150	6.625 168.3
1 1/4 32	1.660 42.2	3 1/2 90	4.000 101.6	8 200	8.625 219.1
1 1/2 40	1.900 48.3	4 100	4.500 114.3	10 250	10.750 273.1
2 50	2.375 60.3	5 125	5.563 141.3	12 300	12.750 323.9
2 1/2 65	2.875 73.0				

PROJECT INFORMATION APPROVAL STAMP

Project:	<input type="checkbox"/> Approved
Address:	<input type="checkbox"/> Approved as noted
Contractor:	<input type="checkbox"/> Not approved
Engineer:	Remarks:
Submittal Date:	
Notes 1:	
Notes 2:	