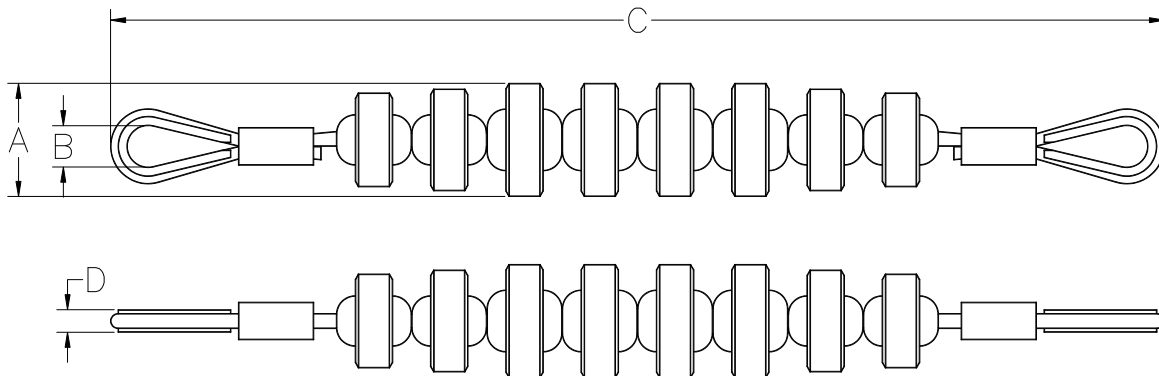


OPERATING SPECIFICATIONS



SERIES 08500 DUCT CHECKER

1. The Duct Checker is intended for ensuring that the duct has not collapsed and is clear of debris.
2. Discs are made from shore 70D polyurethane.



Part Number	Nominal Duct Size	Safe Working Limit	Ultimate Load	Max. A	B	C	D	Net Weight
08500-125	1-1/4"	1,400 lb 6.2 kN	4,200 lb 19 kN	1.19" 30 mm	9/16" 14 mm	15" 380 mm	5/16" 8 mm	0.36 lb 0.16 kg
08500-150	1-1/2"	1,400 lb 6.2 kN	4,200 lb 19 kN	1.44" 37 mm	9/16" 14 mm	15" 380 mm	5/16" 8 mm	0.70 lb 0.32 kg
08500-200	2"	2,300 lb 10 kN	6,900 lb 30 kN	1.88" 48 mm	11/16" 17 mm	17-7/8" 450 mm	3/8" 10 mm	0.92 lb 0.42 kg
08500-250	2-1/2"	2,300 lb 10 kN	6,900 lb 30 kN	2.19" 56 mm	11/16" 17 mm	17-7/8" 450 mm	3/8" 10 mm	1.1 lb 0.50 kg
08500-300	3"	2,300 lb 10 kN	6,900 lb 30 kN	2.81" 71 mm	11/16" 17 mm	17-7/8" 450 mm	3/8" 10 mm	1.6 lb 0.73 kg
08500-350	3-1/2"	4,800 lb 21 kN	14,400 lb 63 kN	3.25" 83 mm	15/16" 24 mm	20-1/2" 520 mm	9/16" 14 mm	2.7 lb 1.20 kg
08500-400	4"	4,800 lb 21 kN	14,400 lb 63 kN	3.75" 95 mm	15/16" 24 mm	22" 560 mm	9/16" 14 mm	3.6 lb 1.6 kg
08500-500	5"	4,800 lb 21 kN	14,400 lb 63 kN	4.69" 119 mm	15/16" 24 mm	22-1/2" 570 mm	9/16" 14 mm	4.8 lb 2.2 kg
08500-680	6" Sch 80	4,800 lb 21 kN	14,400 lb 63 kN	5.50" 140 mm	15/16" 24 mm	22-1/2" 570 mm	9/16" 14 mm	6.2 lb 2.8 kg
08500-640	6" Sch 40	4,800 lb 21 kN	14,400 lb 63 kN	5.81" 148 mm	15/16" 24 mm	22-1/2" 570 mm	9/16" 14 mm	7.3 lb 3.3 kg
08500-880	8" Sch 80	4,800 lb 21 kN	14,400 lb 63 kN	6.86" 174 mm	15/16" 24 mm	22-1/2" 570 mm	9/16" 14 mm	9.3 lb 4.2 kg
08500-840	8" Sch 40	4,800 lb 21 kN	14,400 lb 63 kN	7.40" 188 mm	15/16" 24 mm	22-1/2" 570 mm	9/16" 14 mm	11.0 lb 4.9 kg

Dimensions and weights subject to change without notice.

The **Safe Working Limit** is calculated using a 3:1 safety factor based on the ultimate load.
The **Ultimate Load** is the tensile load required to separate the Duct Checker into two or more parts.