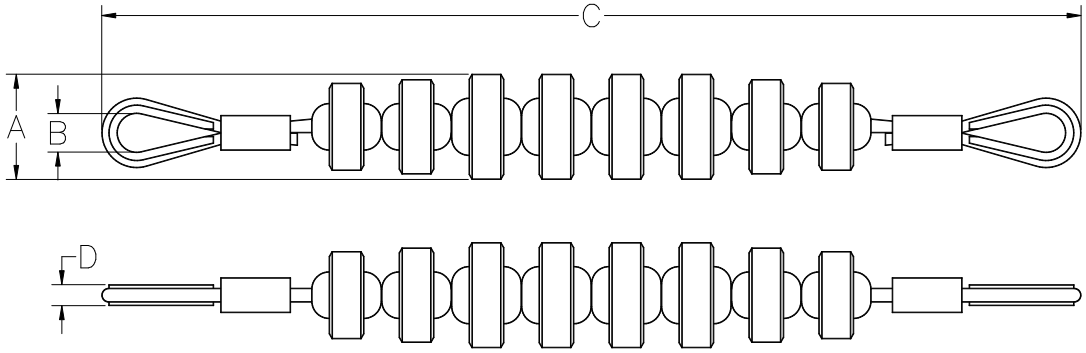
OPERATING SPECIFICATIONS

DCD Design & Manufacturing Ltd.

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	Min Bend Radius	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	**2”** 51 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	**1-5/8”** 42 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	**2-3/4”** 70 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	**3-5/8”** 92 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	**2-3/4”** 70 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	**4-1/4”** 108 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	**3”** 77 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	**3-3/4”** 96 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	**5-1/4”** 134 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	**5-1/4”** 134 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	**5-1/2” est.** 140 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	**5-1/2” est.** 140 mm	**15/16”** 24 mm	**22-1/2”** 570 mm	**9/16”** 14 mm	**11.0 lb** 4.9 kg
08500-1011	**10” SDR 11**	**4,800 lb** 21 kN	**14,400 lb** 63 kN	**8.20”** 208 mm	**6” est.** 152 mm	**15/16”** 24 mm	**22-1/2”** 570 mm	**9/16”** 14 mm	**13.5 lb** 6.1 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.