

| Dia. | Maximum Spacing | Wire Dia. | Rod | Strap |
|------------------------|-----------------|--------------------------------------|-------------------------|---|
| 10 in. dn 250 mm dn | 12 ft 3.7 m | One 12 ga One 2.75 mm | ¼ in. 6.4 mm | 1 in. × 22 ga 25.4 × 0.85 mm |
| 11-18 in. 460 mm | 12 ft 3.7 m | Two 12 ga or One 8 ga One 4.27 mm | ¼ in. 6.4 mm | 1 in. × 22 ga 25.4 × 0.85 mm |
| 19-24 in. 610 mm | 12 ft 3.7 m | Two 10 ga Two 3.51 mm | ¼ in. 6.4 mm | 1 in. × 22 ga 25.4 × 0.85 mm |
| 25-36 in. 900 mm | 12 ft 3.7 m | Two 8 ga Two 2.7 mm | ⅜ in. 9.5 mm | 1 in. × 20 ga 25.4 × 1.00 mm |
| 37-50 in. 1270 mm | 12 ft 3.7 m | | Two ⅜ in. Two 9.5 mm | Two 1 in. × 20 ga (2) 25.4 × 1.00 mm |
| 51-60 in. 1520 mm | 12 ft 3.7 m | | Two ⅜ in. Two 9.5 mm | Two 1 in. × 18 ga (2) 25.4 × 1.31 mm |
| 61-84 in. 2130 mm | 12 ft 3.7 m | | Two ⅜ in. Two 9.5 mm | Two 1 in. × 16 ga (2) 25.4 × 1.61 mm |
| 85-96 in. 2400 mm | 12 ft 3.7 m | | Two ½ in. Two 12 mm | Two 1½ in. × 16 ga (2) 38 × 1.61 mm |

Table 5-2 Minimum Hanger Sizes for Round Duct

NOTES:

- Straps are galvanized steel; rods are uncoated or galvanized steel; wire is black annealed, bright basic or galvanized steel. All are alternatives.
- See Figure 5-5 for lower supports.
- See Figs. 5-2, 5-3 and 5-4 for upper attachments.
- Table allows for conventional wall thickness, and joint systems plus one lb./sf (4.89 Kg/m²) insulation weight. If heavier ducts are to be installed, adjust hanger sizes to be within their load limits; see allowable loads with Table 5-1. Hanger spacing may be adjusted by special analysis.
- Designers: For industrial grade supports, including saddles, single point trapeze loads, longer spans and flanged joint loads, see SMACNA's *Round Industrial Duct Construction Standards*.
- See Figs. 3-9 and 3-10 for flexible duct supports.

