

Beading

Beading is a versatile end-finishing technique that can be applied to a variety of industrial applications. In conjunction with an O-ring, for example, beaded joints can be used to interconnect exhaust tubes or low-pressure fuel lines.

Beads can also be used to dampen vibration in solid lines or to increase the effectiveness of the seal when a rubber or fabric sleeve is clamped to a metal duct.

Typical Applications of Beading

The typical applications of tube beading include low-pressure air, exhaust and liquid systems in the automotive, appliance and boating fields.

Standard MS3360 Dimensions For Beading

SIZE

NUMBER D

Tube OD

Inches

Tolerance

for length L A

±.003 Bead

Height Inches L

Minimum

Length R

Maximum

Radius S

Maximum

Radius 4

5

6

8

10 1/4

5/16

3/8

1/2

5/8 +.033

-.010 .031

.033

.035

.038

.038 .750 0.125 0.062 12 3/4 +.004

-.010 .038

.750 .125 .062 16

20

24

28

32 1

1-1/4

1-1/2

1-3/4

2 +.005

-.010 .062

.062

.072

.072

.082

.750 .125 .062 40

46

52 2-1/2

3

+.006

-.010 .082

.082

.088 .750 .156 .093 56
60
64
68
72
76
80
84
3-1/2
3-3/4
4
4-1/4
4-1/2
4-3/4
5
5-1/4
+.008
-.010

.088

.750 .156

.093
88
92
96 5-1/2
5-3/4
6±.010 .088 .750 .156 .093