



OmegaOne

Fittings.  
Made.  
Easy.



AMFM Braid Bands  
Stainless Steel Tube  
and Pipe Fittings

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### Braidbands

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Part Number Description

C - 53 SS - 16

①      ②      ③      ④

## ***AMFM Braid Bands -***

*Quality Braid Bands manufactured to meet the requirements of the metal hose industry.*



Our unique manufacturing process offers the most economical production of braid bands supported with years of engineering experience behind the manufacturing of our products. Our products and services are designed around the needs of today's metal hose fabricators.

### **Features**

- ① **I.D.** - Formed in variable band types to accommodate a range of hose sizes
- ② **Materials** - Stainless 304 & 316, Copper and Monel
- ③ **Width** - A variety of widths available to suit your needs, or preference
- ④ **Thickness** - Variable material (wall) thickness available in each material type
- ⑤ **Impression Branding** - Braid bands fit over hose and can be imprinted to reflect the necessary information or your company logo.

Call toll free:

**800.333.2636**

# Solid Braid Bands



- 1 **Category**  
M through H - See Detail Chart
- 2 **Size Number**  
1 through 67 - (.405 through .3005 I.D.) See Detail Chart
- 3 **Material Code**  
SS = 304 SS ST= 316 SS C = Copper M = Monel
- 4 **Non-Standard Width**  
All widths other than standard are indicated in 1/16" increments  
(i.e.: - 4 = 1/4" width; - 10 = 5/8" width; - 22 = 1 3/8" width)  
**NOTE: Only required when width is NOT standard**  
See Width Notes

|          | Size     | I.D.<br>(Fit Size) | SS    | ST | C | M |
|----------|----------|--------------------|-------|----|---|---|
| <b>M</b> | M-1      | .405               | •     |    |   |   |
|          | M-2      | .420               | •     |    |   |   |
|          | M-3      | .435               | •     |    |   |   |
|          | M-4      | .450               | •     |    |   |   |
|          | M-5      | .465               | •     |    |   |   |
|          | M-6      | .480               | •     |    |   |   |
|          | M-7      | .495               | •     |    |   |   |
|          | M-8      | .510               | •     |    |   |   |
|          | M-9      | .525               | •     |    |   | • |
|          | M-10     | .540               | •     |    |   |   |
|          | M-11     | .555               | •     |    |   | • |
|          | M-12     | .570               | •     | •  |   |   |
|          | M-13     | .585               | •     | •  |   |   |
|          | M-14     | .600               | •     | •  | • |   |
|          | M-15     | .615               | •     | •  |   |   |
|          | M-16     | .630               | •     | •  |   |   |
|          | M-17     | .645               | •     | •  |   |   |
| <b>A</b> | A-18     | .660               | •     | •  | • | • |
|          | A-19     | .675               | •     | •  | • | • |
|          | A-20     | .690               | •     | •  | • | • |
|          | A-21     | .705               | •     | •  | • | • |
|          | A-22     | .720               | •     | •  | • | • |
|          | A-23     | .735               | •     | •  | • | • |
|          | A-24     | .750               | •     | •  | • | • |
|          | A-25     | .765               | •     | •  | • | • |
|          | A-26     | .780               | •     | •  | • | • |
|          | A-27     | .795               | •     | •  | • | • |
|          | A-28     | .810               | •     | •  | • | • |
|          | A-29     | .825               | •     | •  | • | • |
|          | A-30     | .840               | •     | •  | • | • |
|          | A-31     | .855               | •     | •  | • | • |
| <b>B</b> | B-32     | .870               | •     | •  | • | • |
|          | B-33     | .885               | •     | •  | • | • |
|          | B-34     | .900               | •     | •  | • | • |
|          | B-35     | .915               | •     | •  | • | • |
|          | B-36     | .930               | •     | •  | • | • |
|          | B-37     | .945               | •     | •  | • | • |
|          | B-38     | .960               | •     | •  | • | • |
|          | B-39     | .975               | •     | •  | • | • |
|          | B-40     | .990               | •     | •  | • | • |
|          | <b>C</b> | C-41               | 1.005 | •  | • | • |
| C-42     |          | 1.020              | •     | •  | • | • |
| C-43     |          | 1.035              | •     | •  | • | • |
| C-44     |          | 1.050              | •     | •  | • | • |
| C-45     |          | 1.065              | •     | •  | • | • |
| C-46     |          | 1.080              | •     | •  | • | • |
| C-47     |          | 1.095              | •     | •  | • | • |
| C-48     |          | 1.110              | •     | •  | • | • |
| C-49     |          | 1.125              | •     | •  | • | • |
| C-50     |          | 1.140              | •     | •  | • | • |
| C-51     |          | 1.155              | •     | •  | • | • |
| C-52     |          | 1.170              | •     | •  | • | • |
| C-53     | 1.185    | •                  | •     | •  | • |   |
| C-54     | 1.200    | •                  | •     | •  | • |   |
| C-55     | 1.215    | •                  | •     | •  | • |   |
| C-56     | 1.230    | •                  | •     | •  | • |   |

|          | Size  | I.D.<br>(Fit Size) | SS | ST | C | M |
|----------|-------|--------------------|----|----|---|---|
| <b>D</b> | D-57  | 1.245              | •  | •  |   |   |
|          | D-58  | 1.260              | •  | •  | • |   |
|          | D-59  | 1.275              | •  | •  | • | • |
|          | D-60  | 1.290              | •  | •  | • | • |
|          | D-61  | 1.305              | •  | •  | • | • |
|          | D-62  | 1.320              | •  | •  | • | • |
|          | D-63  | 1.335              | •  | •  | • | • |
|          | D-64  | 1.350              | •  | •  | • | • |
|          | D-65  | 1.365              | •  | •  | • | • |
|          | D-66  | 1.380              | •  | •  | • | • |
|          | D-67  | 1.395              | •  | •  | • | • |
|          | D-68  | 1.410              | •  | •  | • | • |
|          | D-69  | 1.425              | •  | •  | • | • |
|          | D-70  | 1.440              | •  | •  | • | • |
| D-71     | 1.455 | •                  | •  | •  | • |   |
| D-72     | 1.470 | •                  | •  | •  | • |   |
| D-73     | 1.485 | •                  | •  | •  | • |   |
| <b>E</b> | E-74  | 1.500              | •  |    | • |   |
|          | E-75  | 1.515              | •  |    | • | • |
|          | E-76  | 1.530              | •  |    | • | • |
|          | E-77  | 1.545              | •  |    | • | • |
|          | E-78  | 1.560              | •  |    | • | • |
|          | E-79  | 1.575              | •  |    | • | • |
|          | E-80  | 1.590              | •  |    | • | • |
|          | E-81  | 1.605              | •  |    | • | • |
|          | E-82  | 1.620              | •  |    | • | • |
|          | E-83  | 1.635              | •  | •  | • | • |
|          | E-84  | 1.650              | •  | •  | • | • |
|          | E-85  | 1.665              | •  | •  | • | • |
|          | E-86  | 1.680              | •  | •  | • | • |
|          | E-87  | 1.695              | •  |    | • | • |
| E-88     | 1.710 | •                  |    | •  | • |   |
| E-89     | 1.725 | •                  |    | •  | • |   |
| E-90     | 1.740 | •                  | •  | •  | • |   |
| E-91     | 1.755 | •                  |    | •  | • |   |
| E-92     | 1.770 | •                  |    | •  | • |   |
| E-93     | 1.785 | •                  |    | •  | • |   |
| E-94     | 1.800 | •                  |    | •  | • |   |
| E-95     | 1.815 | •                  |    | •  | • |   |
| E-96     | 1.830 | •                  |    | •  | • |   |
| <b>F</b> | F-97  | 1.845              | •  |    | • | • |
|          | F-98  | 1.860              | •  |    | • | • |
|          | F-99  | 1.875              | •  |    | • | • |
|          | F-100 | 1.890              | •  |    | • | • |
|          | F-101 | 1.905              | •  |    | • | • |
|          | F-102 | 1.920              | •  |    | • | • |
|          | F-103 | 1.935              | •  |    | • | • |
|          | F-104 | 1.950              | •  |    | • | • |
|          | F-105 | 1.965              | •  |    | • | • |
|          | F-106 | 1.980              | •  |    | • | • |
|          | F-107 | 1.995              | •  |    | • | • |
|          | F-108 | 2.010              | •  |    | • | • |
|          | F-109 | 2.025              | •  |    | • | • |
|          | F-110 | 2.040              | •  |    | • | • |
| F-111    | 2.055 | •                  |    | •  | • |   |
| F-112    | 2.070 | •                  |    | •  | • |   |
| F-113    | 2.085 | •                  |    | •  | • |   |
| F-114    | 2.100 | •                  |    | •  | • |   |
| F-115    | 2.115 | •                  |    | •  | • |   |
| F-116    | 2.130 | •                  |    | •  | • |   |

|           | Size   | I.D.<br>(Fit Size) | SS | ST | C | M |
|-----------|--------|--------------------|----|----|---|---|
| <b>F</b>  | F-117  | 2.145              | •  |    | • |   |
|           | F-118  | 2.160              | •  |    | • |   |
|           | F-119  | 2.175              | •  |    | • |   |
|           | F-120  | 2.190              | •  |    | • |   |
|           | F-121  | 2.205              | •  |    | • |   |
|           | F-122  | 2.220              | •  |    | • |   |
|           | F-123  | 2.235              | •  |    | • |   |
|           | F-124  | 2.250              | •  |    | • |   |
|           | F-125  | 2.265              | •  |    | • |   |
|           | F-126  | 2.280              | •  |    | • |   |
|           | F-127  | 2.295              | •  |    | • |   |
|           | F-128  | 2.310              | •  |    | • |   |
|           | F-129  | 2.325              | •  |    | • |   |
|           | F-130  | 2.340              | •  |    | • |   |
| F-131     | 2.355  | •                  |    | •  |   |   |
| F-132     | 2.370  | •                  |    | •  |   |   |
| <b>FX</b> | FX-133 | 2.385              | •  |    | • |   |
|           | FX-134 | 2.400              | •  |    | • |   |
|           | FX-135 | 2.415              | •  |    | • |   |
|           | FX-136 | 2.430              | •  |    | • |   |
|           | FX-137 | 2.445              | •  |    | • |   |
|           | FX-138 | 2.460              | •  |    | • |   |
|           | FX-139 | 2.475              | •  |    | • |   |
|           | FX-140 | 2.490              | •  |    | • |   |
|           | FX-141 | 2.505              | •  |    | • |   |
|           | FX-142 | 2.520              | •  |    | • |   |
|           | FX-143 | 2.535              | •  |    | • |   |
|           | FX-144 | 2.550              | •  |    | • |   |
|           | FX-145 | 2.565              | •  |    | • |   |
|           | FX-146 | 2.580              | •  |    | • |   |
| FX-147    | 2.595  | •                  |    | •  |   |   |
| FX-148a   | 2.610  | •                  |    | •  |   |   |
| FX-148b   | 2.625  | •                  |    | •  |   |   |
| FX-148c   | 2.640  | •                  |    | •  |   |   |
| FX-148d   | 2.655  | •                  |    | •  |   |   |
| FX-148e   | 2.670  | •                  |    | •  |   |   |
| FX-149a   | 2.685  | •                  |    | •  |   |   |
| FX-149b   | 2.700  | •                  |    | •  |   |   |
| FX-149c   | 2.715  | •                  |    | •  |   |   |
| FX-149d   | 2.730  | •                  |    | •  |   |   |
| FX-149e   | 2.745  | •                  |    | •  |   |   |
| <b>G</b>  | G-150  | 2.750              | •  |    | • |   |
|           | G-151  | 2.765              | •  |    | • |   |
|           | G-152  | 2.780              | •  |    | • |   |
|           | G-153  | 2.795              | •  |    | • |   |
|           | G-154  | 2.810              | •  |    | • |   |
|           | G-155  | 2.825              | •  |    | • |   |
|           | G-156  | 2.840              | •  |    | • |   |
|           | G-157  | 2.855              | •  |    | • |   |
|           | G-158  | 2.870              | •  |    | • |   |
| G-159     | 2.885  | •                  |    | •  |   |   |
| <b>H</b>  | H-160  | 2.900              | •  |    | • |   |
|           | H-161  | 2.915              | •  |    | • |   |
|           | H-162  | 2.930              | •  |    | • |   |
|           | H-163  | 2.945              | •  |    | • |   |
|           | H-164  | 2.960              | •  |    | • |   |
|           | H-165  | 2.975              | •  |    | • |   |
|           | H-166  | 2.990              | •  |    | • |   |
|           | H-167  | 3.005              | •  |    | • |   |





## Braid Band Specifications

AMFM Incorporated Braid Bands are manufactured to a “Fit Size” reflecting the hose size the band ID is produced to accommodate. There are two methods of specification:

1. AMFM Standard Specification, designated by AMFM part number, fit size indicated in ID column of catalog.
2. Customer Part Number Control, see Production Control section of this catalog for details.

I.D.  
(Fit Size)

Braid Bands are manufactured to “Fit Size”. Fit size can only be accurately determined at time of manufacture. Parts are subject to changes from handling, secondary operation, packaging and shipping. These changes do not affect the Fit Size for this intended use, unless the parts are mechanically deformed. Due to these minor dimension changes from handling, AMFM CANNOT provide parts to specific minimum or maximum dimensions, as it will cause limitation and incorrect Fit Size. Reference the Hose Sizing section (page 4) of this catalog for detail regarding properly sizing AMFM Incorporated braided bands.

STANDARD TOLERANCE: “Fit Size” + .010 / - .005

Standard Widths indicated below or Non-Standard Width as indicated by the part number. Non-standard widths are indicated as shown in the Part Number Description (⊕). All usable widths can be supplied. Delivery is subject to non-standard lead times depending on the specific requirements. Many alternate widths are available in as standard stock. Any width can be made standard stock with ongoing demand. Parts manufactured by Customer Specification require width indication.

Width

| Material  | M    | A    | B    | C    | D    | E    | F    | FX   | G    | H    |
|-----------|------|------|------|------|------|------|------|------|------|------|
| SS, ST, M | .375 | .500 | .625 | .625 | .750 | .750 | .750 | .750 | .750 | .750 |
| C         | .375 | .500 | .500 | .625 | .625 | .750 | 1.00 | --   | --   | --   |

STANDARD TOLERANCE: Overall Width: + .060 / - .060

AMFM Incorporated Braid Bands have standard wall thickness as reflected by the chart below.

Wall  
Thickness

| Material | M    | A    | B    | C    | D    | E    | F    | FX   | G    | H    |
|----------|------|------|------|------|------|------|------|------|------|------|
| SS, ST   | .035 | .049 | .049 | .049 | .049 | .049 | .049 | .049 | .065 | .065 |
| C        | .049 | .049 | .049 | .055 | .055 | .055 | .050 | --   | --   | .068 |
| M        | --   | .048 | .037 | .037 | .037 | .065 | .065 | --   | --   | --   |

STANDARD TOLERANCE: Varies by Materials +/- .0075 (max.)

Parts are produced in selected Standard Materials as indicated in charts.

Material

|                     |      |   |
|---------------------|------|---|
| 304 Stainless Steel | (SS) | ASTM 304 Stainless Steel (material certification available) |
| 316 Stainless Steel | (ST) | ASTM 316 Stainless Steel (material certification available) |
| Copper              | (C)  | Alloy 122 Hard Copper                                       |
| Monel               | (M)  | Alloy 400 – M (material certification available)            |



## Sizing AMFM Braid Bands

AMFM Braid Bands must be sized for each individual hose and configuration. This is specified Fit Size as defined in the specifications section of this catalog.

- The AMFM sizing gauge was developed exclusively for use with braided metal hose to indicate the appropriate AMFM Braid Band for the hose being measured.
- Selecting size from catalog dimensions from hose manufacturer or measuring hose without consulting factory is not recommended.
- More than one “standard” size increment will fit a braided hose with nominal difference except in smaller hose sizes (under 1”).
- Double braid hoses generally require the equivalent increase of approximately three standard sizes over the single braid size.
- AMFM Braid Bands offer very close consistency and in some instances can exceed that of the hose. This may require alternate bands when a very tight fit is used that leaves no ability to consume a minor increase in hose diameter.



## Parts Characteristics & Features

|  |  |
|--|--|
| <b>Out of Round</b>                                | This value can only be determined at the time of manufacture in most sizes; Due to handling as mentioned in ID Section. Acceptable tolerances applied at time of manufacture do not affect the part “Fit Size”.  |
| <b>Edge Protrusion</b>                             | Referring to general edge condition. Single point protrusion or burr, with specification maximum of .0075” and .005”, respectively. All edges burr free and square.  |
| <b>Edge Variation Edge (Parallel &amp; Square)</b> | With reference perpendicular to ID, part edge variations can deviate in parallel, part square, or basic material irregularities. Variations can involve a single edge or both. Specification calls for a maximum “gap distance” when measuring with reference to ID surface and corresponding perpendicular edge. Gap Specifications vary from .010” to .040” depending on part size and material. |

## Certification Available

AMFM Incorporated Braid Bands are manufactured to be used as temporary welding fixtures in the fabrication of industrial use metal hose assemblies only. No other usage or application is intended or recommended. To the extent that such products are used for any other purpose, AMFM INCORPORATED disclaims both their merchantability and fitness for such unintended use. There are no warranties which extend beyond the description contained herein.



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THE ASSOCIATION FOR HOSE AND  
ACCESSORIES DISTRIBUTION