

# DRAINAGE FITTINGS

## Coupling / Elbow

**CELLO PRODUCTS INC**



1-800-265-7882

### COUPLING - OD SIZES

Copper x OD

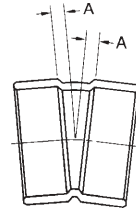
		Wrot	WD0-OD-		
Item No.	OD Size (in inches)	Box Qty	Mstr Crtn	Net Wt. Approx.	
WD0-OD-20	1-1/4	10	100	--	
WD0-OD-24	1-1/2	10	100	--	
WD0-OD-24-20	1 1/2 X 1 1/4	10	100	--	

### ELBOW - 11 1/4°

Copper x Copper

Cast

CD86-11/



C x C

Mueller: -- wrot  
D-704 cast

Elkhart: 309 wrot  
-- cast

Nibco: -- wrot  
809 cast

Item No.	Nom. Size (in inches)	Box Qty	Mstr Crtn	Net Wt. Approx.	Dim A
CD86-11/20	1-1/4	10	100	.18	3/32
CD86-11/24	1-1/2	10	150	.28	3/16
CD86-11/32	2	5	50	.44	3/16
CD86-11/48	3	2	25	.85	3/8
CD86-11/64	4	1	1	1.80	5/16

### Abbreviations:

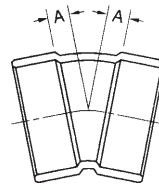
- WP - Wrought Pressure
- WD - Wrought Drainage
- CP - Cast Pressure
- CD - Cast Drainage
- C - Copper Tube End
- M - Male NPT Thread
- F - Female NPT Thread
- SJ - Slip Joint End
- FTG - Fitting End (Street)
- LT - Long Turn
- MJ - Mechanical Joint
- DE - Drop Ear
- DWV - Drain, Waste, Vent
- TY - 90° Drainage Tee
- Y - 45° Drainage Tee

### ELBOW - 22 1/2°

Copper x Copper

Cast

CD86-22/



C x C

Mueller: DW-703 wrot  
D-703 cast

Elkhart: 308 wrot  
-- cast

Nibco: -- wrot  
808 cast

Item No.	Nom. Size (in inches)	Box Qty	Mstr Crtn	Net Wt. Approx.	Dim A
CD86-22/20	1-1/4	10	150	.18	3/16
CD86-22/24	1-1/2	10	100	.25	1/4
CD86-22/32	2	5	50	.53	5/16
CD86-22/48	3	2	25	1.16	3/4
CD86-22/64	4	1	10	2.10	13/16

## Product Specification:

Cello Products Inc. certifies that it manufactures all its cast brass and wrought copper solder joint fittings to the general specifications outlined in the following industry standards:

<i>Wrought Copper and Copper Alloy Solder Joint Pressure Fittings:</i>	ASME/ANSI Std. B16.22 - 2001
<i>Cast Copper Alloy Solder Joint Pressure Fittings:</i>	ASME/ANSI Std. B16.18 - 2001
<i>Wrought Copper and Wrought Copper Alloy Solder Joint Drainage Fittings -- DWV</i>	ASME/ANSI Std. B16.29 - 2001
<i>Cast Copper Alloy Solder Joint Drainage Fittings:</i>	ASME/ANSI Std. B16.23 - 2002
<i>Bronze Pipe Flanges and Flanged Fittings:</i>	ASME/ANSI Std. B16.24 - 2001
<i>Cast Bronze Threaded Fittings:</i>	ASME/ANSI Std. B16.15 - 1985
<i>Wrought Copper and Copper Alloy Braze - Joint Pressure Fitting</i>	ASME/ANSI Std. B16.50 - 2001
<i>Cast Copper Alloy Pipe Flanges and Flanged Fittings</i>	ASME/ANSI Std. B16.24 - 2001
<i>Wrought Copper LW Solder Joint Pressure Fittings:</i>	MSS SP-104 - 1990
<i>Cast Copper Alloy Flanges and Flanged Fittings Class 125, 150, 300:</i>	MSS SP-106 - 1990

Cello further certifies that the materials used to manufacture these fittings are made in compliance with the following industry standards:

### Tubular Wrought Copper:

*Standard Specification for Seamless Copper Tube:* ASTM B75 Alloy C12200

### Products Made From Sheet:

*Standard Specification for Copper Sheet, Strip, Plate  
and Rolled Bar:* ASTM B152 Alloy C11000

### Cast Products:

*Standard Specification for Copper Alloy Sand Castings for General  
Applications; Federal Specification WW-U-516 for Type III,  
Class A and B Copper Alloy Unions:* ASTM B584 Alloy C84400

The industry standards are: ANSI (American National Standards Institute); ASME (The American Society of Mechanical Engineers); MSS (Manufacturers Standardization Society of the Valve and Fittings Industry Inc.); ASTM (American Society for Testing and Materials).

All Cello Products Inc. wrought copper fittings are NSF 61 registered.

All pressure fittings manufactured by Cello Products Inc. have Canadian Registration Numbers (CRN)

0A4925.5C Pressure pipe fittings

0B4925.5C Flanges

(note - the 5 is needed to designate the first province of registration)

International Quality Standard: Cello Products is certified to ISO 9002 standards through QMI (Quality Management Institute) and will be certified to ISO 9001:2000, by 2004.