



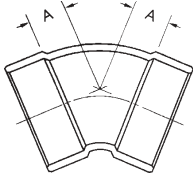
**DRAINAGE FITTINGS  
Elbow**

**45° ELBOW**

Copper x Copper

Cast  
Wrot

CD86-45/  
WD86-45/



C x C

Mueller: DW-204 wrot  
D-702 cast

Elkhart: 306 wrot  
-- cast

Nibco: 906 wrot  
806 cast

Item No.	Nom. Size (in inches)	Box Qty	Mstr Crtn	Net Wt. Approx.	Dim A
WD86-45/20	1-1/4	10	100	.12	7/16
WD86-45/24	1-1/2	10	100	.18	1/2
WD86-45/32	2	10	50	.28	13/16
WD86-45/48	3	10	25	.71	2-1/4
CD86-45/64	4	1	10	1.95	1

**45° ELBOW - FEMALE**

Copper x Female

Cast

CD86-3-

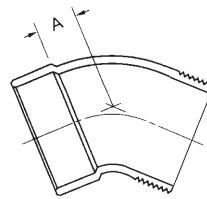
Item No.	Nom. Size (in inches)	Box Qty	Mstr Crtn	Net Wt. Approx.
CD86-3-24	1-1/2	10	100	.63

**45° ELBOW - MALE**

Copper x Male

Cast

CD86-4-



C x M

Mueller: -- wrot  
-- cast

Elkhart: -- wrot  
-- cast

Nibco: -- wrot  
-- cast

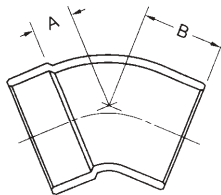
Item No.	Nom. Size (in inches)	Box Qty	Mstr Crtn	Net Wt. Approx.	Dim A
CD86-4-20	1-1/4	10	100	.43	5/8
CD86-4-24	1-1/2	10	100	.47	5/8
CD86-4-32	2	10	100	.87	15/16

**45° ELBOW - STREET**

Fitting x Copper

Cast  
Wrot

CD86-2-  
WD86-2-



FTG x C

Mueller: DW-205 wrot  
D-702F cast

Elkhart: 306-2 wrot  
-- cast

Nibco: 906-2 wrot  
806-2 cast

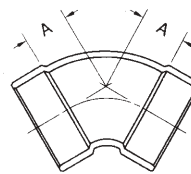
Item No.	Nom. Size (in inches)	Box Qty	Mstr Crtn	Net Wt. Approx.	Dim A	Dim B
WD86-2-20	1-1/4	25	150	.19	11/16	11/16
WD86-2-24	1-1/2	10	100	.18	1	1
WD86-2-32	2	5	50	.32	1-3/16	1-3/16
CD86-2-48	3	2	25	1.17	1-1/8	1-1/8
CD86-2-64	4	1	10	2.19	1-7/16	1-7/16

**60° ELBOW**

Copper x Copper

Cast

CD86-60/



C x C

Mueller: DW-701 wrot  
D-701 cast

Elkhart: 360 wrot  
-- cast

Nibco: 960 wrot  
860 cast

Item No.	Nom. Size (in inches)	Box Qty	Mstr Crtn	Net Wt. Approx.	Dim A
CD86-60/20	1-1/4	10	100	.33	1/2
CD86-60/24	1-1/2	10	100	.31	3/4
CD86-60/32	2	5	50	.64	7/8
CD86-60/48	3	2	25	1.90	1-7/8
CD86-60/64	4	1	10	3.11	2-5/8

## 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.