

I'M AFRAID WE'VE GOT A BIG PROBLEM UP HERE BOB.



WHAT IS IT?

THESE BEAMS DONT LINE UP AT ALL

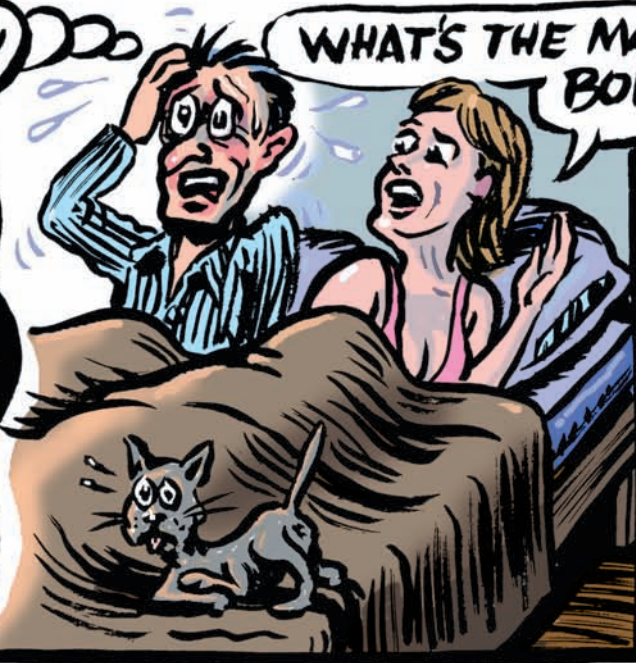


THE BEND IS WAY OFF!



WHAT'S THE MATTER BOB?

I HAD THAT NIGHTMARE AGAIN



... THE ONE ABOUT WHAT USED TO HAPPEN BEFORE I FOUND



**Albina**  
Co. Inc.  
"STEEL BENDING EXPERTS SINCE 1939"



GET A GOOD NIGHTS SLEEP!

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Section	3D Image	2D Image	Photo	Capacities
Angle Leg Out				All sizes through 8" x 8" x 1 1/4"
Angle Leg In				All sizes through 8" x 8" x 1 1/4"
Angle Heel In				All sizes through 8" x 8" x 1 1/4"
Angle Heel Out				All sizes through 8" x 8" x 1 1/4"
Angle Heel Up				All sizes through 8" x 8" x 1 1/4"
Flat Bar the Hard Way				Any thickness and size through 2-1/2" x 16" (section is dependent on thickness to width)
Plate/ Flat Bar the Easy Way				*Plate: 3/4" plate up to 10' in width (pre-bend up to 5/8" thick) *Flat Bar the Easy Way: Any thickness and size through 4" x 22" (section is dependent on thickness to width)
Square Bar				All Mill Produced Sizes
Round Bar				All mill produced sizes
Beam the Easy Way (Y-Y Axis)				S3/W4 through W33 x 241#, W36 x 210# and W40 x 183#
Beam the Hard Way (X-X Axis)				S3/W4 through W36 x 230#
Channel Flanges In				All mill produced sizes
Channel Flanges Out				All Mill Produced Sizes
Channel the Hard Way (X-X Axis)				All Mill Produced Sizes
Rail Ball In				All sizes up to approximately 175#
Rail Ball Out				All sizes up to approximately 175#

Section	3D Image	2D Image	Photo	Capacities
Round Tube & Pipe				Roll/Cold Bending Process: 3/16" OD through 28" OD Hot Bending Process: 6" OD through 28" OD Rotary Draw/Mandrel Bending Process: 1/2" OD through 6" Pipe
Rectangular Tube the Hard Way				20" x 12" x .625" (Maximum mill produced size-bending capacity is greater)
Rectangular Tube the Easy Way				20" x 12" x .625" (Maximum mill produced size-bending capacity is greater)
Square Tube				16" x 16" x .625" (Maximum mill produced size-bending capacity is greater)
Square Tube Diagonally				16" x 16" x .625" (Maximum mill produced size-bending capacity is greater)
Tee Stem In				All sizes through 12" Stems (weight per foot maximums would need to be calculated based on WF origin)
Tee Stem Out				All sizes through 12" Stems (weight per foot maximums would need to be calculated based on WF origin)
Tee Stem Up				All sizes through 12" Stems (weight per foot maximums would need to be calculated based on WF origin)

\*We can also bend bulb flat either bulb stem-in or bulb stem-out.  
All mill sized produced up to 430 mm x 20 mm (16.93" wide x .787" thick).

## Online Calculators & Tools

### Bending Calculators

<https://www.albinaco.com/calculators/bending-calculators>



### Spiral Calculator

<https://www.albinaco.com/calculators/spiral-calculator>

### Tangent Materials

<https://www.albinaco.com/calculators/tangent-materials>



### Bending Tolerances

<https://www.albinaco.com/calculators/bending-tolerances>

### Conversion Charts, Weights & Dimensions

<https://www.albinaco.com/calculators/charts-weights-and-dimensions>



12080 SW MYSLONY ST.  
TUALATIN, OR. 97062  
Phone: (503) 692-6010  
Fax: (503) 692-6020  
Toll-Free: (866) 252-4628  
<https://www.albinaco.com>  
info@albinaco.com

BENDING THE RULES™

**Estimator-** Aaron Hughes (ahughes@albinaco.com) Ext: 113  
**Estimator-** Nathan Marker (nmarker@albinaco.com) Ext: 110  
**Territory Manager-** Brad Lund (blund@albinaco.com) Ext: 114