

Super Bend-Tech SE for Ercolina®
Part# **BENSW-SUPER**, includes templates specifically for hand railings with a chord window for detailed large radius bending.

Features

- Reduce layout cost
- Eliminate unnecessary material scrap
- Previous layout and design experience not required
- Dimension with decimals or fractions, convert inch to metric
- Save part program files for later use
- Information material data base included
- CLR or inside radius (adjustable for each bend)
- Flat layout of cut length & bending locations
- Print includes bending data such as bend angles, CLR or inside radius, rotation angle & bend order
- Verifies sufficient material is available for bending process
- Allows multiple dies to be used on the same part
- Powerful reverse engineering feature
- All standard Ercolina tooling included in tooling library
- Optional handrail module available

How can I justify Super Bend-Tech SE for Ercolina®?

Super Bend-Tech SE for Ercolina® saves countless hours spent engineering, on the shop floor and out in the field. Super Bend-Tech SE for Ercolina® greatly decreases scrap allowing your shop greater productivity with the same equipment and man hours. Super Bend-Tech SE for Ercolina® will quickly become one of your best productivity tools.

Does Super Bend-Tech SE for Ercolina® provide documentation for the shop floor?

Yes. Super Bend-Tech SE for Ercolina's® setup sheet consists of 2 pages. The first page contains material, tooling, design and shop instructions with 3D graphic of part. The second page provides a step-by-step rendering of tube transitioning through the bend process.

A40-P® TWO AXIS POSITIONER

Ideal for repetitive parts
and left & right mirror images

Features

- Manually controls accurate linear (Y) advancement and rotational (B) plane of bend
- Reduces operating handling and labor costs
- Helps eliminates unnecessary material scrap
- Previous layout and design experience not required
- Pneumatic work holding chuck secures material and rotates 0-360°
- Chuck activation valve conveniently positioned near operator and machine controls



Part# **A40-P**
Accommodates parts
to 10' length.
Custom lengths
available.

www.ercolina-usa.com

Distributed by:

Handrail Fabricating SOFTWARE



Part# **BENSW-SUPER**

Quickly layout and produce drawings for bending applications!
Ideal for use with A40-P two axis positioner.

CML USA Inc. Ercolina®

"Excellence in Quality, Support and Service"

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www.ercolina-usa.com

Typical Handrail Simulation Samples



SB48 & SB48 PLUS Super Bender®

Capacity 2" tube or 1½" Sch. 40

O50PLUS Top Bender®
Capacity 2½" tube or 2" Sch. 40

TB60 Top Bender®

Capacity 2½" tube or 2" Sch. 40

Wall Rail

Material: 1¼" Schedule 40

Tooling: 1.660 Pipe R90

CLR: 3.5

Cal. CLR: 3.550

Cut Off Start End: 5.25

Cut Off Far End: 5.25



Shop Instructions:

Cut Length: 132 5/16

A	B	Location	Rotation	Angle	CLR
1	1	4 1/4	0	90	3.5
2	2	17 3/16	(-90)	32	3.5
		Flip			
4	3	128 1/16	(-90)	90	3.5
3	4	115 1/16	(-90)	32	3.5

Design Instructions: Custom Part

Cut Length:

A	Length	Rotation	Angle	Type
1	2.5	0	90	Apex
2	12	-90	32	Apex
3	96	180	32	Apex
4	12	-90	90	Apex
E	2.5			

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Bleacher

Material: 1¼" Schedule 40

Tooling: 1.660 Pipe R90

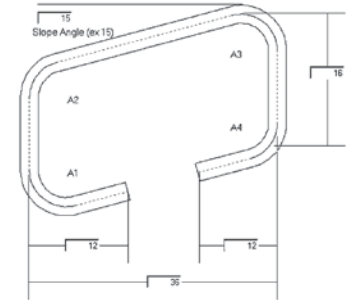
CLR: 3.5

Cal. CLR: 3.550

Shop Instructions:

Cut Length:

A	B	Location	Rotation	Angle	CLR
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Handicap Rail

Material: 1¼" Schedule 40

Tooling: 1.660 Pipe R90

CLR: 3.5

Cal. CLR: 3.550



Shop Instructions:

Cut Length: 181 5/16

A	B	Location	Rotation	Angle	CLR
5	1	18 1/2	0	90	3.5
4	2	31	0	90	3.5
3	3	55 15/16	180	32	3.5
2	4	91 7/8	180	32	3.5
1	5	137 5/16	0	90	3.5

Design Instructions: Custom Part

Cut Length:

A	Length	Rotation	Angle	Type
1	42	0	90	Apex
2	48	0	32	Apex
3	36	0	-32	Apex
4	24	0	90	Apex
5	14	0	90	Apex
E	22			

	Location	Rotation	Bend
Bend Number: 1 Location: 18 1/2 Rotation: 0 Bend Angle: 90			
Bend Number: 2 Location: 31 Rotation: 0 Bend Angle: 90			
Bend Number: 3 Location: 55 15/16 Rotation: 180 Bend Angle: 32			
Bend Number: 4 Location: 91 7/8 Rotation: 180 Bend Angle: 32			
Bend Number: 5 Location: 137 5/16 Rotation: 0 Bend Angle: 90			

About This Brochure

We have tried to make this brochure comprehensive and factual. We reserve the right to make changes at any time without notice, to prices, colors, materials, equipment, specifications, models and availability. Brochure may have been updated since the time of printing.