READY Bender®
Concept Sketches
A READY Bender® is a CB1 tool when PT, PR and PH are within the proper parameters to use standard tooling.

CB = Classified Bend #  
PT = Part Material Thickness  
PL = Part Length (bent leg)  
PA = Part Angle (degrees of bend)  
PH = Part Height (bent leg)  
PR = Part Radius  
PC = Part Channel (inside)  
K = see catalog  
Incl. Angle = Included Angle
A READY Bender® is a CB2 tool when the PH dimension is too short to utilize a standard tool. (Call READY for minimum dimensions)
READY Bender®

CB3 Concept Sketch

A READY Bender® CB3 bends where the bend angle is over 90° (120° max.).

CB3 Extreme Concept Sketch

A READY Bender® CB3 Extreme (over 110°) will most likely need to run off of a pad. This is to keep the tool from sticking on the part.

CB = Classified Bend #
PT = Part Material Thickness
PL = Part Length (bent leg)
PA = Part Angle (degrees of bend)
PH = Part Height (bent leg)
PR = Part Radius
PC = Part Channel (inside)
K = see catalog
Incl. Angle = Included Angle
A READY Bender® CB4 (on centerline) - the maximum angle remaining on centerline is 105° included.
READY Bender®

CB4 Concept Sketch (above centerline)

A READY Bender® CB4 (above centerline) includes angles over 105° will be above centerline.

CB = Classified Bend #
PT = Part Material Thickness
PL = Part Length (bent leg)
PA = Part Angle (degrees of bend)
PH = Part Height (bent leg)
PR = Part Radius
PC = Part Channel (inside)
K = see catalog
Incl. Angle = Included Angle
READY Bender®

CB5 Concept Sketch

READY Bender® CB5 bends will most likely need to run off of a pad. This is to maintain rocker retention in the saddle.

CB = Classified Bend #
PT = Part Material Thickness
PL = Part Length (bent leg)
PA = Part Angle (degrees of bend)
PH = Part Height (bent leg)
PR = Part Radius
PC = Part Channel (inside)
K = see catalog
Incl. Angle = Included Angle
READY Bender® CB6 Concept Sketch

READY Bender® CB6 bends will most likely need to run off of a pad. This is to maintain rocker retention in the saddle.

CB = Classified Bend #
PT = Part Material Thickness
PL = Part Length (bent leg)
PA = Part Angle (degrees of bend)
PH = Part Height (bent leg)
PR = Part Radius
PC = Part Channel (inside)
K = see catalog
Incl. Angle = Included Angle
CB7 Concept Sketch (not interlaced)

READY Bender® CB7 bends a channel where the front of the saddle must be smaller than standard.

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CB7 Concept Sketch (interlaced)

READY Bender® CB7 bends a channel where the front of the saddle must be smaller than standard. Tooling can also be interlaced.

CB = Classified Bend #
PT = Part Material Thickness
PL = Part Length (bent leg)
PA = Part Angle (degrees of bend)
PH = Part Height (bent leg)
PR = Part Radius
PC = Part Channel (inside)
K = see catalog
Incl. Angle = Included Angle
READY Bender® CB8 has two CB5 bends where the front of the saddle is shorter than standard. Note: CB8 bends will most likely need to run off of a pad. This is to maintain rocker retention in the saddle. CB8 benders can also be interlaced.
READY Bender® CB13 - the bend is a CB13 Large radius bend when the inside bend radius becomes too large to use the rocker diameter designated by the material thickness. Extra overbend will be needed to end up with the proper bend angle.
Selecting the right Bender is as easy as 1 . . . 2 . . . 3
Fax this worksheet for FAST QUOTES
Fax: 937-866-7226 - send part prints

1 Company: ____________________________________________ Contact Name: ____________________________ Title: ____________________________
Address: ______________________________________________________________________________________
City, State, Zip: _________________________________________________________________________________
Telephone: __________________ Fax: __________________
Other Contacts: ____________________________________________

2 Please describe your application
This will be formed in (please check)
☐ Stamping Die ☐ Automated Machine ☐ Press Brake, tonnage of press brake _________

Here are some of the most popular applications:

<table>
<thead>
<tr>
<th>Square Bend CB1</th>
<th>Over Square CB3</th>
<th>Channel Bend CB7</th>
<th>Zee Bend CB5</th>
</tr>
</thead>
<tbody>
<tr>
<td>90° Bend</td>
<td>Form 120° In One Hit</td>
<td>Even Narrow Channels</td>
<td>Form Offsets In One Hit</td>
</tr>
</tbody>
</table>

Annual production ______________________________
Type of material formed ________________________
Tensile strength ______________________________

CB = Classified Bend # ______________________
PT = Part Material Thickness __________________
PL = Part Length (bent leg) ___________________
PA = Part Angle (degrees of bend) _____________
PH = Part Height (bent leg) ___________________ 
PR = Part Radius ______________________________ 
PC = Part Channel (inside) ____________________

Are tool marks* on part acceptable? __________
* We specialize in forming even prepaint without tool marks.

3 Please Quote:

Press Brake Tooling
☐ Rotary Bender Press Brake Tools
☐ Conventional Vee Die Brake Tools
☐ Special Brake Tooling per print

Stamping Dies
☐ Ready makes determination
☐ The Hard Inch Bender
☐ READY-2000
☐ The Hard Metric Bender
☐ READY-MET
☐ Compact Benders

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READY Benders® are covered by USA and international patents, and patents pending.
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