



**HOWARD
STEEL**

ROLLING INTO THE 21ST CENTURY



Howard Steel is pleased to announce the expansion of our Rolling Division. Now with the largest, state-of-the-art, rolling machinery north of Detroit, we're capable of rolling most any structural steel.

Howard Steel offers you the most experienced engineering and fabrication team to deliver the foremost quality...within the exacting tolerance you require...at the time you need it!

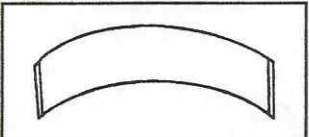
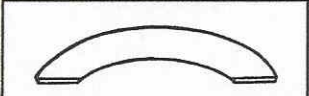
Let Howard Steel "roll it for you!" For fast, competitive pricing or to answer your specification requirements, visit our facility or give us a call at **(989) 752-3000**.

The following illustrations give you a brief overview of common applications. Our capabilities however, are **VIRTUALLY LIMITLESS!** Call us for your specific needs.

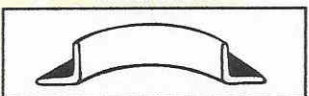

BEAMS

BEAMS	TYPE/SIZE	ROLLING RADIUS	
		EASY WAY	HARD WAY
EZ WAY 	S3	6"	16"
	S6	1'-0"	6'-0"
	S7	1'-0"	N/A
	S16	6'x0"	N/A
HARD WAY 	W4	1'-6"	8'-0"
	W6	2'-0"	N/A

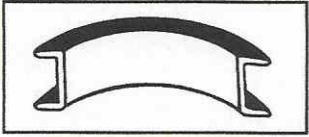
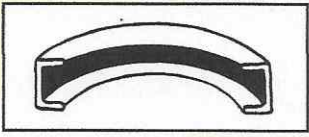
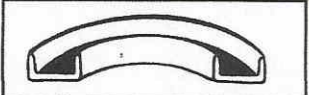
BAR

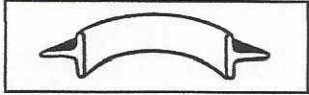
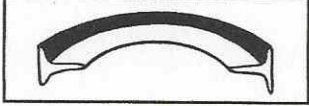

BAR	TYPE	SIZE	ROLLING RADIUS	
			EASY WAY	HARD WAY
EZ WAY 	HR OR CR BAR			
	$\frac{1}{4} \times \frac{3}{8} - 1" \times 30"$	$\frac{1}{4} \times \frac{3}{8}$	0'-6"	0'-6"
		1" x 7"	1'-6"	3'-2"
		1" x 15"	2'x0"	N/A
		1" x 22"		
HARD WAY 				

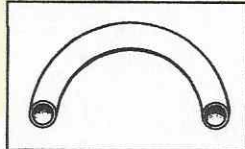
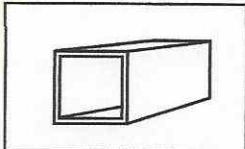
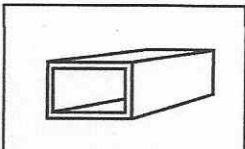
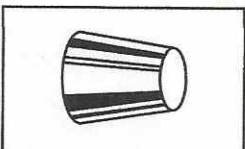
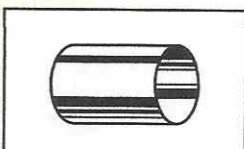
ANGLES

ANGLES	TYPE/SIZE	ROLLING RADIUS	
		L.O.	L.I.
LEG OUT 	$\frac{3}{4} \times \frac{3}{4} \times \frac{1}{8}$	0"-6"	0"-6"
	$2\frac{1}{2} \times 2\frac{1}{2} \times \frac{1}{2}$	0'-9"	1'-0"
LEG IN 	$3 \times 2 \times \frac{3}{16}$	0'-9"	0'-9"
	6x6x1	4'-0"	6'-0"

SINGLE PIECE COMPOUND BENDS AVAILABLE • CONTACT HOWARD STEEL

CHANNELS	TYPE	SIZE	ROLLING RADIUS	
EZ WAY FLANGES OUT	BAR SHAPES 1½ x ½ x ⅛ – 2½ x ⅝ x ⅜	1½ x ½ x ⅛	EASY WAY 0'-6" 1'-0"	HARD WAY 1'-2"
		2½ x ⅝ x ⅜	0'-6"	
EZ WAY FLANGES IN	"MC" & "C" SHAPE C3 x 4.1 – C15 x 33.9#	C3 x 4.1	EASY WAY 0'-8"	HARD WAY 6'-0"
		C8 x 11.5	2'-0"	10'-0"
		C9 x 13.4	2'-0"	N/A
		C15 x 33.9	2'-0"	N/A
HARD WAY OF WEB			0'-15"	6'-0"
				

TEES	TYPE/SIZE	ROLLING RADIUS		
STEM OUT		S.O.	S.I.	S.U.
	1¼ x 1¼ x ⅜	0'-9"	0'-9"	0'-9"
	2½ x 2½ x ¼	1'-0"	1'-0"	1'-0"
STEM IN				
	1¼ x 1¼ x ⅜	0'-9"	0'-9"	0'-9"
	2½ x 2½ x ¼	1'-0"	1'-0"	1'-0"
STEM UP				
	1¼ x 1¼ x ⅜	0'-9"	0'-9"	0'-9"
	2½ x 2½ x ¼	1'-0"	1'-0"	1'-0"

PIPE	SQUARE TUBING	RECTANGULAR TUBING	CONE	CYLINDER
				

CALL US WITH YOUR SPECIFICATIONS

Phone: (989) 752-3000

FAX: (989) 752-3048



MEET ALL OF YOUR STRUCTURAL STEEL FABRICATION REQUIREMENTS