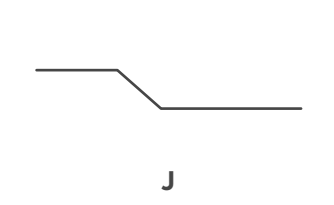
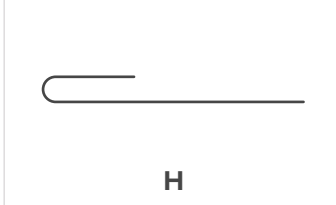
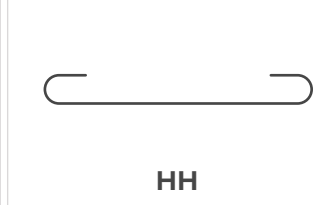
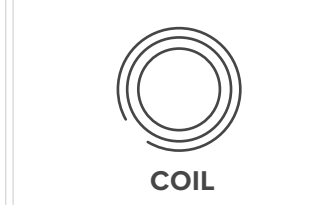
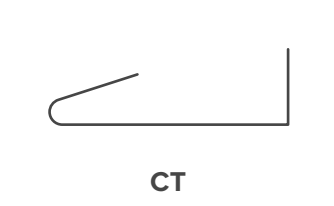
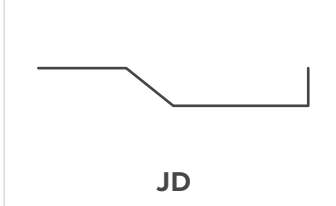
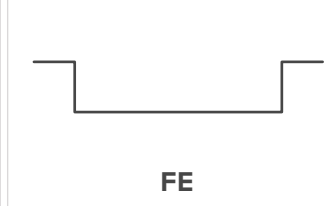
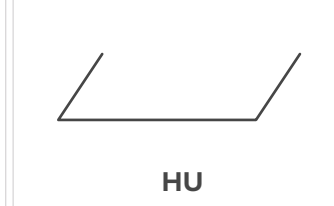
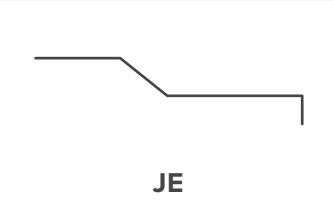
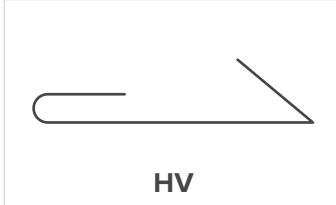
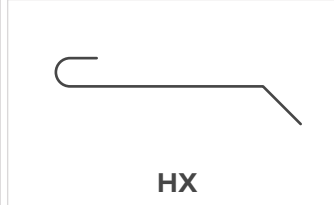
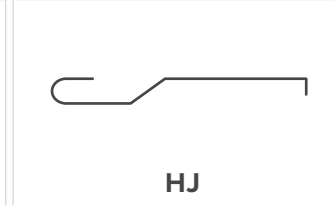
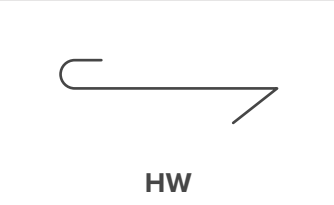
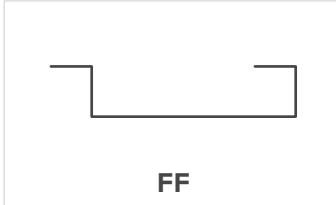
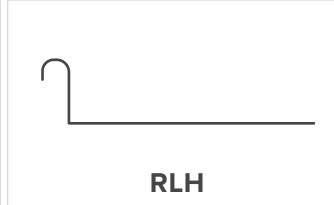
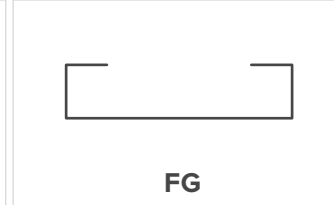
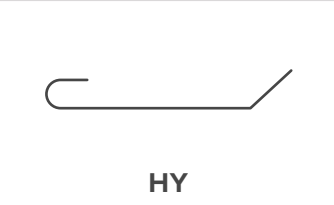


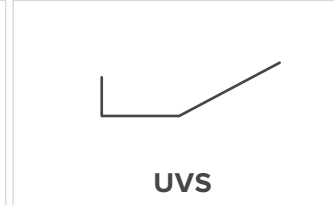
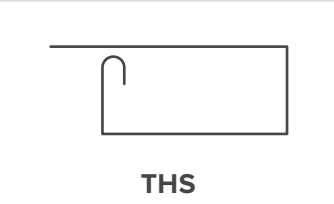
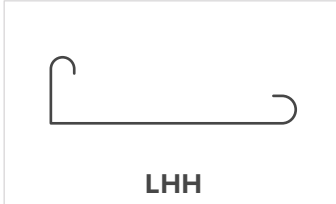

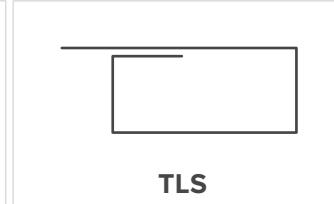

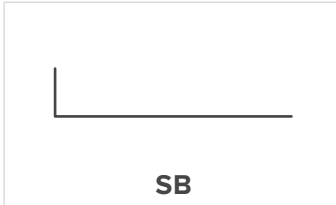
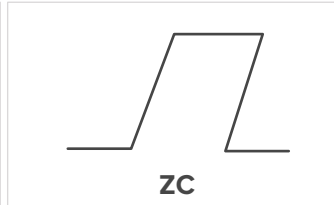
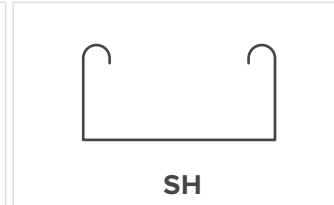
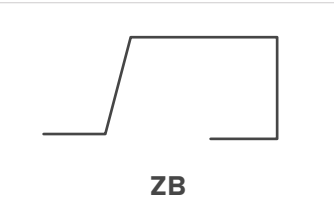
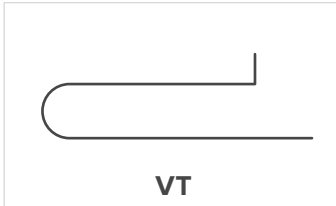
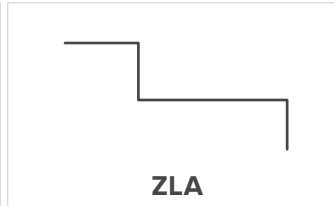
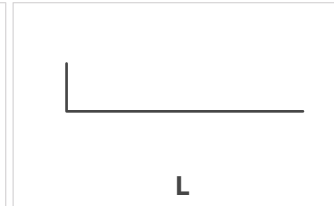

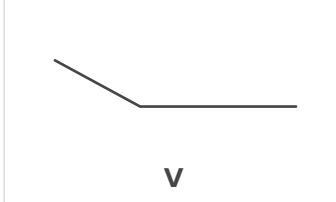
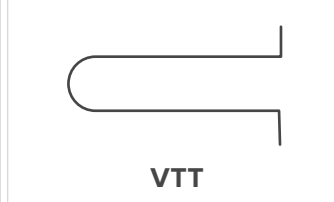
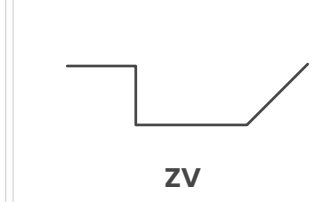
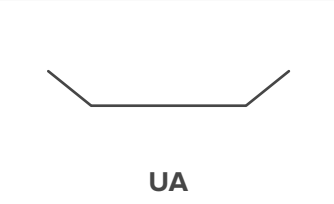
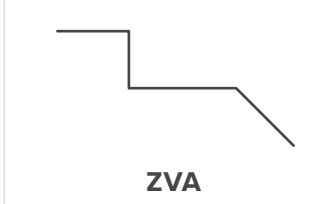
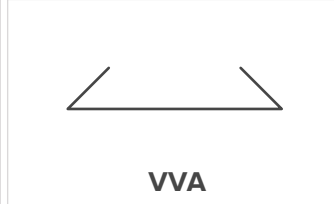
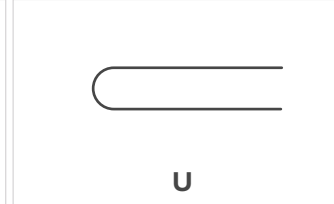
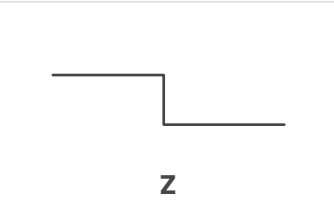

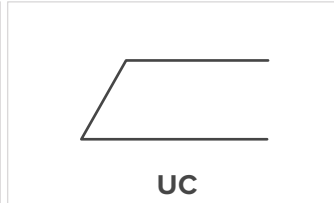

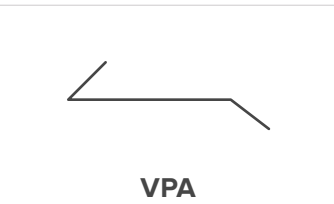
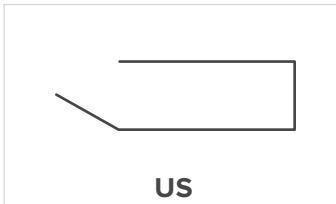
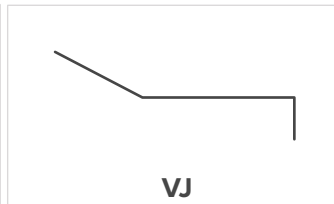
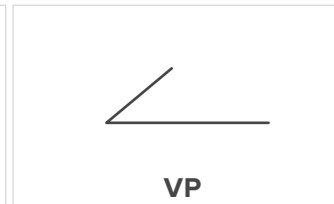
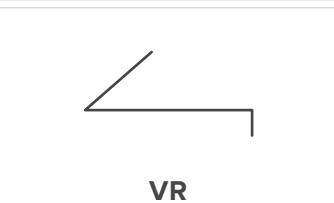
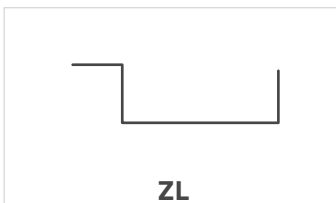
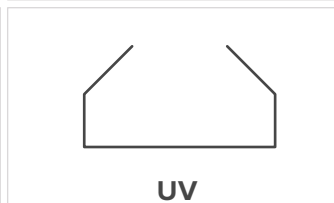
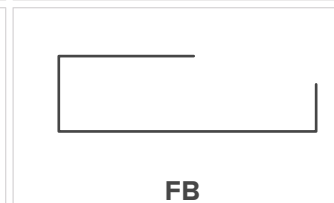
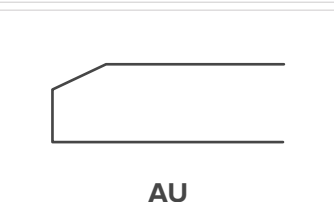
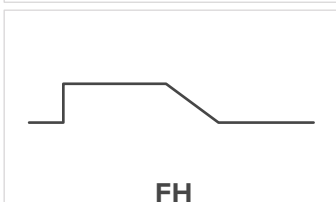
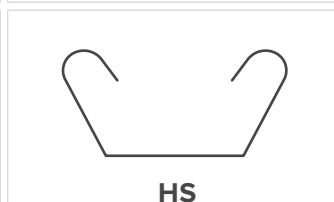
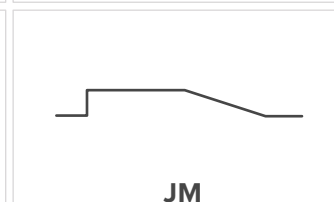

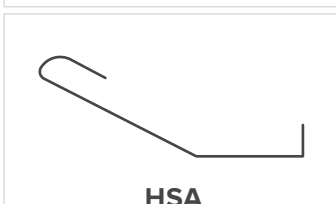
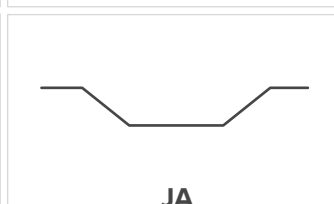

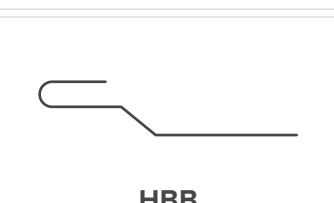
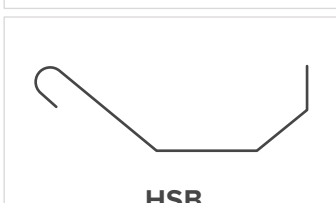
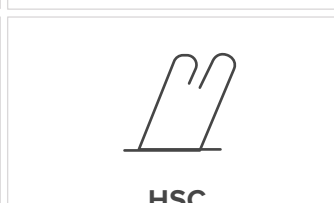
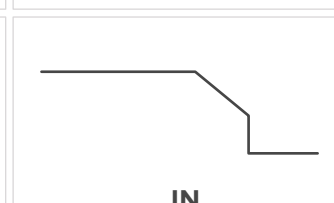

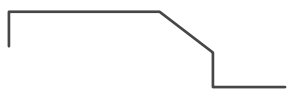



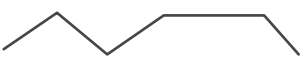

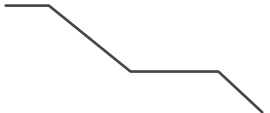

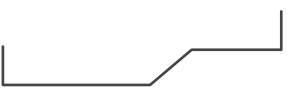


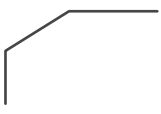


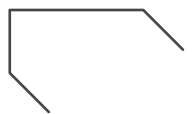
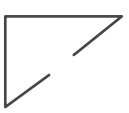
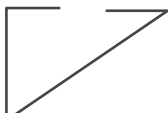






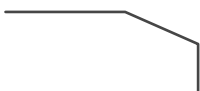


# STANDARD BENDING



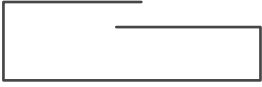
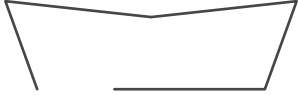

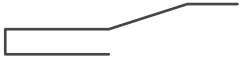



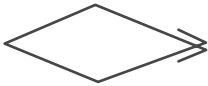

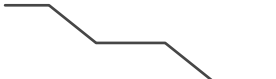






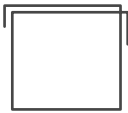


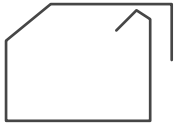


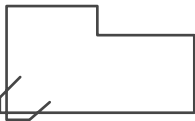




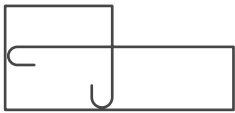
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 CT	 JD	 FE	 HU
 JE	 HV	 HX	 HJ
 HW	 FF	 RLH	 FG
 HY	 LH	 S	 UVS
 THS	 LHH	 LU	 TLS
 LL	 SB	 ZC	 SH
 ZB	 VT	 ZLA	 L

 <b>VV</b>	 <b>V</b>	 <b>VTT</b>	 <b>ZV</b>
 <b>UA</b>	 <b>ZVA</b>	 <b>VVA</b>	 <b>U</b>
 <b>Z</b>	 <b>VH</b>	 <b>UC</b>	 <b>VI</b>
 <b>VPA</b>	 <b>US</b>	 <b>VJ</b>	 <b>VP</b>
 <b>VR</b>	 <b>ZL</b>	 <b>UV</b>	 <b>FB</b>
 <b>AU</b>	 <b>FH</b>	 <b>HS</b>	 <b>JM</b>
 <b>AV</b>	 <b>HSA</b>	 <b>JA</b>	 <b>JMM</b>
 <b>HBB</b>	 <b>HSB</b>	 <b>HSC</b>	 <b>JN</b>

 <b>HSD</b>	 <b>JNN</b>	 <b>ZA</b>	 <b>UT</b>
 <b>CZ</b>	 <b>JP</b>	 <b>HT</b>	 <b>JO</b>
 <b>HL</b>	 <b>JG</b>	 <b>HHR</b>	 <b>HM</b>
 <b>LD</b>	 <b>TR1</b>	 <b>TR2</b>	 <b>LVV</b>
 <b>LVW</b>	 <b>TS</b>	 <b>UVV</b>	 <b>VB</b>
 <b>VD</b>	 <b>VE</b>	 <b>SHB</b>	 <b>SHO</b>
 <b>VX</b>			

# COMPLEX, RADIUS & 3D BENDING




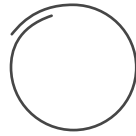
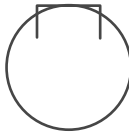









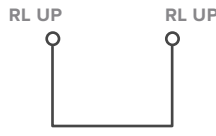
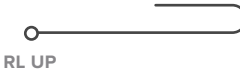
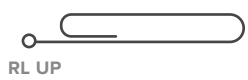

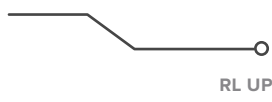
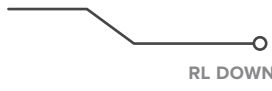




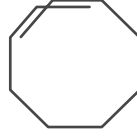


			
<b>FA</b>	<b>W</b>	<b>JB</b>	<b>JMN</b>
			
<b>TFV</b>	<b>JI</b>	<b>TG</b>	<b>TT</b>
			
<b>RCB</b>	<b>JJ</b>	<b>RCC</b>	<b>TA</b>
			
<b>TP</b>	<b>TD</b>	<b>TE</b>	<b>T</b>
			
<b>TU</b>	<b>TH</b>	<b>SHA</b>	<b>TVV</b>
			
<b>TR</b>	<b>TF</b>	<b>TRH</b>	<b>SL</b>
			
<b>HEY</b>	<b>TV</b>	<b>TVA</b>	<b>TX</b>

## KEY

○ 3D (RL UP or RL DOWN)

▭ Coupler

WWWW Spiral

 <b>THR</b>	Refer 'M' Sheet <b>M</b>	 <b>O</b>	 <b>OC</b>
 <b>RC</b>	 <b>RA</b>	 <b>RB</b>	 <b>OH</b>
NUMBER OF TURNS  <b>SP</b>	 <b>SP1</b>	 <b>SP2</b>	 <b>PM</b>
 <b>PO1</b>	 <b>PO3</b>	 <b>PM1</b>	 <b>PM2</b>
 <b>PO2</b>	 <b>JQ1</b>	 <b>JQ2</b>	 <b>TAA</b>
 <b>THA</b>	 <b>HEH</b>	 <b>JH</b>	 <b>HEX</b>
 <b>JC</b>	 <b>JCB</b>		

**KEY**
 3D (RL UP or RL DOWN)

 Coupler

 Spiral

## **Standard Bending**

*≤ 4 bends.*

Projects are generally made up of up to **94%** of these shapes (Our group average).

## **Complex, Radius & 3D Bending**

Complex Bending: *> 4 bends or > 2 horizontal planes*

Radius Bending: *Any bending that requires a radius greater than 100mm*

3D Bending: *Any bending that requires a roll down or roll up*

Projects are generally made up of up to **6%** of these shapes (Our group average).

## **Precast & High Tolerance Processing**

*Any cutting and bending with high tolerance specifications or requirements will be charged a high tolerance charge.*

\*Should be read in conjunction with Best Bar Reinforcements Service Charges document.