



**RGS Rebar** Version 4.0.16

**Release Notes**

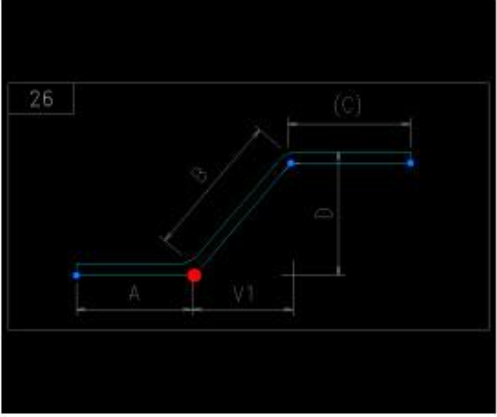
**Date:** 17-May-2019

## A) New Feature

1. **Bend Category** – Added Bend category tab in Job Preference so that the Users can edit their own formula and can save it globally.

CAD Standards	Presentation Settings	Bar Mark	Callout	Label	Reports	Others	Range Text	<b>Std_BendShape_Editor</b>
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BendShape	Image	Theoretical Length Formula
26		A+B+C
<b>Bend Category</b> Light Bend		<b>Cut Length Formula</b> A+B+C
		<b>Update</b>

## B) Improvements

### New Zealand Rebar Bend Shapes

#### 1. Bends Revised

The bend shapes of New Zealand has been revised now the cut length can be adjusted as per the bent shapes formulas.

RGS Rebar -> Rebar Entry✕

Drawing :  Release No :  Revision No :

Bid Item :  Area / Pour :

Element Mark :  New Element Mark

No of Places / Members :  No of Layer / Face :

Quantity :   Draw Range  Draw Leader

Spacing :  mm

Multiple Spacing :

Barsize : D  View   Profile Mode

Bend Shape :  Bar Mark

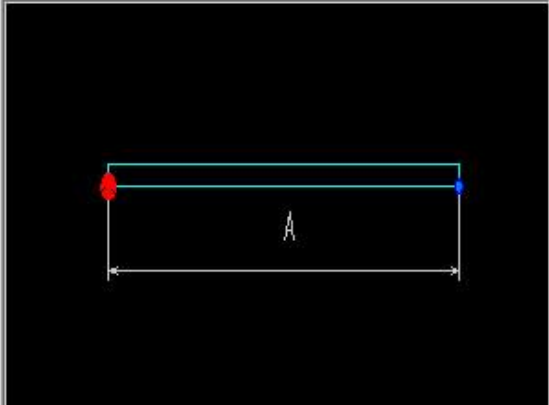
Remarks :  ... Bar Location

CAD Layer :  Callout Visibility Factor

Bar Defaults : Grade : 300E Coating : UnCoated  
LE - None RE - None

Hide Picture  Hide Dimension  Undefined Special Bend  
 Bar & Callout  Bar Only  Callout Only  Image Label

Picture View  
 Selected View  Side View



**Outer-Outer Dimension**

<b>A</b>	B	C	D	E	F
<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
G	H	J	K	O	R
<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>

Total Length: Theoretical =  Cut =

Cut Length Formula:

**LAP**  
No of Laps :  Length:

**Other Dimensions**

V1	V2	V3	V4	V5
<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>

## 2. 90 degree Circular stirrup

Added circular stirrup with 90 degree hook as shape code 'OC'.

### RGS Rebar -> Rebar Entry

Drawing :  Release No :  Revision No :

Bid Item :  Area / Pour :

Element Mark :  New Element Mark

No of Places / Members :  No of Layer / Face :

Quantity :   Draw Range  Draw Leader

Spacing :  mm

Multiple Spacing :

Barsize : D  View   Profile Mode

Bend Shape :  Bar Mark

Remarks :  ... Bar Location

CAD Layer :  Callout Visibility Factor

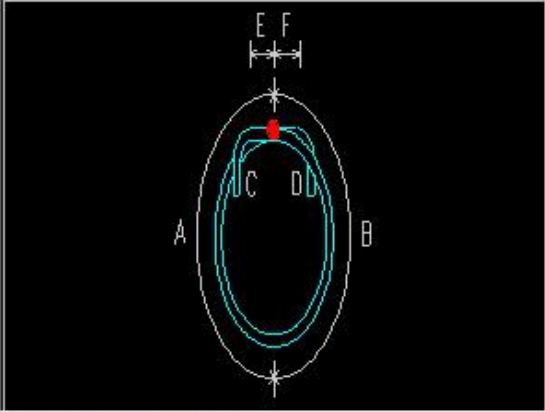
Bar Defaults : Grade : 300E Coating : UnCoated  
LE - None RE - None

Hide Picture  Hide Dimension  Undefined Special Bend

Bar & Callout  Bar Only  Callout Only  Image Label

#### Picture View

Selected View  Side View



**Outer-Outer Dimension**

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>
<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="100"/>	<input type="text" value="100"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
<b>G</b>	<b>H</b>	<b>J</b>	<b>K</b>	<b>O</b>	<b>R</b>
<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>

Total Length: Theoretical =  Cut =

Cut Length Formula:

**LAP**

No of Laps :  Length:

**Other Dimensions**

V1	V2	V3	V4	V5
<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>

### 3. Standard and Non Standard Bends

Added Standard & Non-standard bends for the shapes S, L, LL & U and it is now available as bend shapes named [00,01], [11,99T08], [21,99T09], [13,99T06]

Drawing :  Release No :  Revision No : 0

Bid Item :  Area / Pour :

Element Mark :  New Element Mark

No of Places / Members :  No of Layer / Face :

Quantity :   Draw Range  Draw Leader

Spacing :  mm

Multiple Spacing :

Barsize : D  View   Profile Mode

Bend Shape :  Bar Mark

Remarks :  ... Bar Location

CAD Layer :  Callout Visibility Factor

Bar Defaults : Grade : 300E Coating : UnCoated  
LE - None RE - None

Hide Picture  Hide Dimension  Undefined Special Bend  
 Bar & Callout  Bar Only  Callout Only  Image Label

Picture View  Selected View  Side View

**Outer-Outer Dimension**

A	B	C	D	E	F
0	0	0	0	0	0
G	H	J	K	O	R
0	120	0	0	0	0

Total Length: Theoretical =  Cut =

Cut Length Formula:

**LAP**

No of Laps :  Length:

**Other Dimensions**

V1	V2	V3	V4	V5
120	0	0	0	0

Drawing :  Release No :  Revision No : 0

Bid Item :  Area / Pour :

Element Mark :  New Element Mark

No of Places / Members :  No of Layer / Face :

Quantity :   Draw Range  Draw Leader

Spacing :  mm

Multiple Spacing :

Barsize : D  View   Profile Mode

Bend Shape :  Bar Mark

Remarks :  ... Bar Location

CAD Layer :  Callout Visibility Factor

Bar Defaults : Grade : 300E Coating : UnCoated  
LE - None RE - None

Hide Picture  Hide Dimension  Undefined Special Bend  
 Bar & Callout  Bar Only  Callout Only  Image Label

Picture View  Selected View  Side View

**Outer-Outer Dimension**

A	B	C	D	E	F
0	0	0	0	0	0
G	H	J	K	O	R
0	0	0	0	0	0

Total Length: Theoretical =  Cut =

Cut Length Formula:

**LAP**

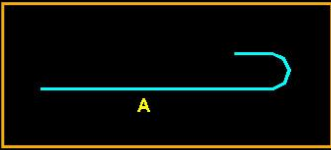
No of Laps :  Length:

**Other Dimensions**

V1	V2	V3	V4	V5
0	0	0	0	0

#### 4. BBS Display

The hook values of standard 180 degree bends will no longer be displayed in the BBS schedule.

Total No. of Bars	Shape Code	Bend Shape		
			A (mm)	B (mm)
18	99T06		4000	

#### C) Bug Fixed

- Additional Dimension for Shape A** – Included dimension for knowing the height of Bend 14 and the additional dimension will be displayed in Bar Bending Schedule.

RGS Rebar -> Rebar Entry
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Drawing:  Release No:  Revision No:

Bid Item:  Area / Pour:

Element Mark:

No of Places / Members:  No of Layer / Face:

Quantity:   Draw Range  Draw Leader

Spacing:  mm

Multiple Spacing:

Barsize : D  View   Profile Mode

Bend Shape:  Bar Mark

Remarks:  ... Bar Location

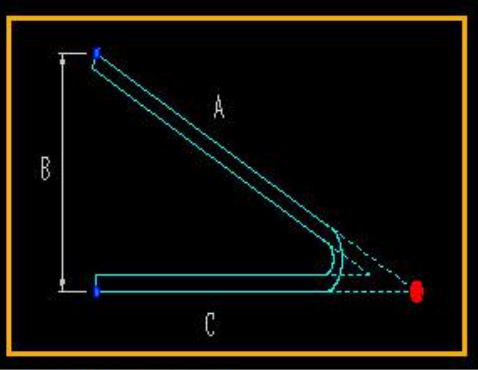
CAD Layer:  Callout Visibility Factor

Bar Defaults: Grade : 300E Coating : UnCoated  
LE - None RE - None

Hide Picture  Hide Dimension  Undefined Special Bend

Bar & Callout  Bar Only  Callout Only  Image Label

Picture View  
 Selected View  Side View



**Outer-Outer Dimension**

A	B	C	D	E	F
<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
G	H	J	K	O	R
<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>

Total Length: Theoretical =  Cut =

Cut Length Formula:

**LAP**

No of Laps:  Length:

**Other Dimensions**

V1	V2	V3	V4	V5
<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>