



**RGS REBAR**

**Version 4.0.20.20**

**Release Date – 05 Sep 2022**

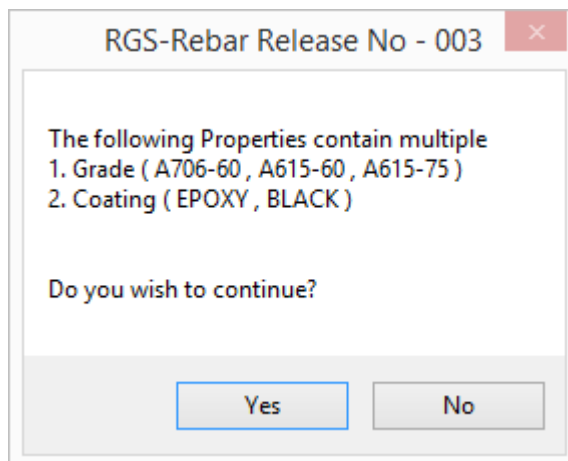
## New Feature

### 1. RRCP-131 / QG2-105 Coupler database is included.

The screenshot displays the RGS Rebar software interface. The main window is titled 'RGS Rebar -> Rebar Entry'. It features a 'Picture View' section with a diagram of a rebar coupler and its dimensions (A, B, C, D, E, F, G, H, J, K, O, R). Below the diagram are input fields for 'Outer-Outer Dimension' and 'Other Dimensions' (V1-V5). The 'End Preparation Database' table is shown below, listing various rebar types and their properties. The 'End Preparation Defaults' dialog box is also visible, showing settings for 'Material Grade Notation', 'Grade', 'Coating', 'End Properties', and 'End Preparation'.

Brands	Type	From Size	To Size	Coupler Part No	Thread Part No	Coupler End Preparation	Thread End Preparation	Coupler Modification Length	Thread Modification Length	Coupler Diameter	Coupler Length
LENTON	A2	4	4	EL12A2		EPL4 / EL12A2	EPL4	0	-1	0.6875	1.625
LENTON	A2	5	5	EL16A2		EPL5 / EL16A2	EPL5	0	-1.25	0.875	2.1875
LENTON	A2	6	6	EL20A2		EPL6 / EL20A2	EPL6	0	-1.75	1.0625	2.8125
LENTON	A2	7	7	EL22A2		EPL7 / EL22A2	EPL7	0	-1.75	1.1875	3.15625
LENTON	A2	8	8	EL25A2		EPL8 / EL25A2	EPL8	0	-2	1.375	3.34375
LENTON	A2	9	9	EL28A2		EPL9 / EL28A2	EPL9	0	-2	1.5	3.59375
LENTON	A2	10	10	EL32A2		EPL10 / EL32A2	EPL10	0	-2.25	1.75	3.78125
LENTON	A2	11	11	EL36A2		EPL11 / EL36A2	EPL11	0	-2.25	1.875	3.96875
LENTON	A2	14	14	EL43TA2		EPL14 / EL43TA2	EPL14	0	-3	2.25	5.25
LENTON	A2	18	18	EL57TA2		EPL18 / EL57TA2	EPL18	0	-3.75	3	6.46875
LENTON	A2T	5	4	EL1612A2		EPL5 / EL1612A2	EPL4	0	-2.25	0.875	2.3125
LENTON	A2T	6	5	EL2016A2		EPL6 / EL2016A2	EPL5	0	-2.25	1.0625	3
LENTON	A2T	7	6	EL2220A2		EPL7 / EL2220A2	EPL6	0	-2.25	1.1875	3.40625
LENTON	A2T	8	7	EL2522A2		EPL8 / EL2522A2	EPL7	0	-2.25	1.375	3.6875
LENTON	A2T	9	8	EL2825A2		EPL9 / EL2825A2	EPL8	0	-2.5	1.5	3.90625
LENTON	A2T	10	8	EL3225A2		EPL10 / EL3225...	EPL8	0	-2.5	1.75	4
LENTON	A2T	10	9	EL3228A2		EPL10 / EL3228...	EPL9	0	-2.5	1.75	4.125
LENTON	A2T	11	9	EL3628A2		EPL11 / EL3628...	EPL9	0	-2.75	1.875	4.21875
LENTON	A2T	11	10	EL3632A2		EPL11 / EL3632...	EPL10	0	-2.75	1.875	4.3125
LENTON	A2T	14	10	EL43T3A2		EPL14 / EL43T3...	EPL10	0	-3	2.25	5
LENTON	A2T	14	11	EL43T3A2		EPL14 / EL43T3...	EPL11	0	-3	2.25	5.09375
LENTON	A2T	18	11	EL57T3A2		EPL18 / EL57T3...	EPL11	0	-3.5	3	5.6875
LENTON	A2T	18	14	EL57T43TA2		EPL18 / EL57T4...	EPL14	0	-3.75	3	6.3125
LENTON	A2T	4	5	EL1216A2		EPL4 / EL1216A2	EPL5	0	-2.25	0.875	2.3125
LENTON	A2T	5	6	EL1620A2		EPL5 / EL1620A2	EPL6	0	-2.25	1.0625	3
LENTON	A2T	6	7	EL2022A2		EPL6 / EL2022A2	EPL7	0	-2.25	1.1875	3.40625
LENTON	A2T	7	8	EL2225A2		EPL7 / EL2225A2	EPL8	0	-2.25	1.375	3.6875

### 2. RRCP-53 / QG2-108 The Multigrade Takeoff option is now available for aSa.



### 3. RRCP-180 / QG2-125 When the file is saved or the Update BBS Command is used, the Bar Bending Schedule, Place Bend shape, and Weight report will update automatically.

4. **RRCP-48 / QG2-103** To add view for range. Use the add range command.
5. **RRCP-220 / QG2-128** Bar bending schedule will become invalid. the rebar properties are being edited. Do not remove Placed Bar Bending Schedule that have been inserted. If the report column in the Job Setting file is changed or deleted
6. **RRCP-426 / QG2-130** In RGS filter Screen, Sorted the Bar mark, Drawing sheet and Bar size etc.,

**Filter Barset Entities**

**Bar Details Available in Drawing**  Not

Drawing No

Release No

Revision No

Bid Item

Pour/Area

Element Mark

**Bend Details Available in Drawing**  Not

Bar Mark

Bar size

Bend Shape

Left End Preparation

Right End Preparation

7. **RRCP-65 / QG2-173** Within the Range properties window. An option to hide the 1<sup>st</sup> bars or 2<sup>nd</sup> bar.

**Edit - Single Range Alternate Bar**

**Length Properties**

Total Quantity

Spacing  Inches

Range Length  Ft-In

New Range Length  Ft-In

**Bar Indicator**

All

First & Last Bar

Center Bar

First, Centre & Last Bar

By BarNo

Custom Location

Stagger Bars

By Length  Inches Offset by  Inches

**Modify Length at**

Start point  End Point  Both

**Alternate Bar Display**

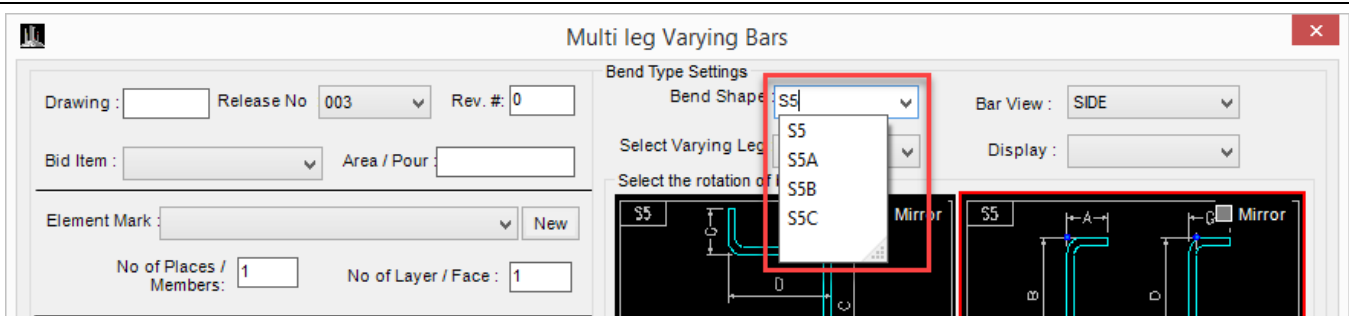
Show Both  1st Bar  2nd Bar

Show Varying Bars Boundary

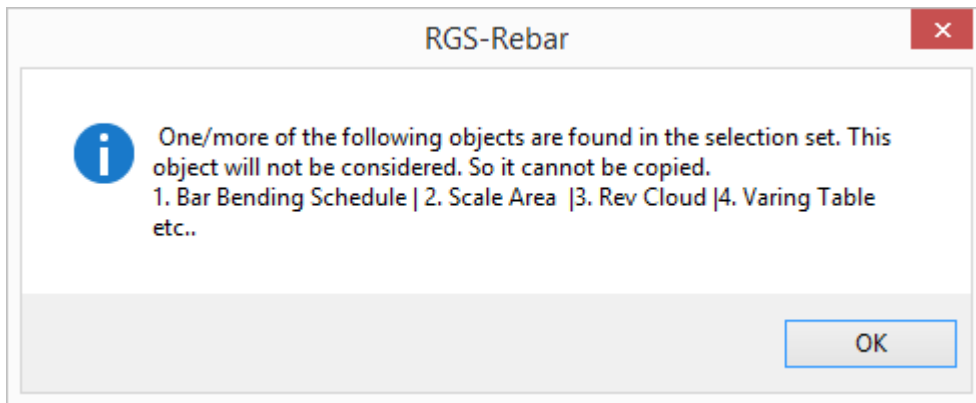
Move Callout  Hide Bars in Multirange

### Improvement

8. **RRCP-147 / QG2-131** In aSa Take-off file coupler data included
9. **RRCP-205 / QG2-97** An option to search Bend shape from the dropdown list for the following screen
  - a) Multi leg Varying Bars
  - b) Rebar Spread
  - c) Transpose Bend Shape



10. **RRCP-437 / QG2-169** Copy message Popup “One/more of the following objects are found in the selection set. This object will not be considered. Bar Bending Schedule | 2. Scale Area | 3. Weight Report etc. “



11. **RRCP-200 / QG2-98** Below Bar Bending Schedule, the positioning of the Place bend Shape and the weight report table gap will equal now.

Total Qty.	Bar Size	Total Length	Bar Mark	Bend type	BENDING DIMENSIONS											
					A	B	C	D	E	F/R	G	H	J	K	O	
166	#7	3'-00"		0		3'-00"										
20	#6	3'-00"		0		3'-00"										
20	#6	5'-00"	6A001	2	1'-00"	3'-00"					1'-00"					
54	#7	5'-04"	7A001	2	1'-02"	3'-00"					1'-02"					
126	#7	5'-04"	7A002	2	1'-02"	3'-00"					1'-02"					

**GAP**

0

B

**GAP**

2

A B G

Note: A & G to be Standard Hooks  
Hook G Optional

Weight by Release

Release Number	Weight
003	3242
<b>Total Weight</b>	<b>3242</b>

### Bug

12. **RRCP-57 / QG2-126** When reassigning bar mark BBS title block deleting automatically – **Fixed**

13. **RRCP-97 / QG2-127** When drawing 2 Shape bar of 59' length along a poly line, the total length exceeds popup shown and if we click OK, a block line and donuts are formed in the CAD file– **Fixed**

14. **RRCP-438 / QG2-171** While stretching a XL line, the error message appears - **Fixed**

15. **RRCP-447 / QG2-198** The Bar mark sorting issue - **Fixed**

16. **RRCP-458 / QG2-222** In release order screen, Rebar are assigned the release, however the callout colour does not change to that of the release – **Fixed**

17. **RRCP-461 / QG2-239** Typically, if we draw multiple ranges with the same spacing, the range text will only show the quantity of the bar. However, if we extend that range, the text format changes – **Fixed**
18. **RRCP-460 / QG2-240** While moving a multi range, the error message appears – **Fixed**
19. **RRCP-49 / QG2-106** When using the redraw option, the rebar is mirrored. – **Fixed**
20. **RRCP-430** When accessing the Rebar input screen, the cursor was automatically positioned in the quantity column. However, after entering the tab button, it must go to the spacing column. - **Fixed**