



## Shape Code 67 reports as a Straight Bar

BS8666:2005 amendment 3 states that when Shape Code 67 exceeds a certain radius dependent on bar diameter it should be reported as a straight bar in the schedule. The radius of bending is stated in Clause 10 on page 21 of the British Standard.

Below is an extract of Clause 10 Radius of Bending from BS8666:2005

*Table 6 – Maximum limit for which a preformed radius is required*

Bar Size mm	Radius m
6	2.5
8	2.75
10	3.5
12	4.25
16	7.5
20	14.0
25	30.0
32	43.0
40	58.0

Note 1: The required curvature may be obtained during placing

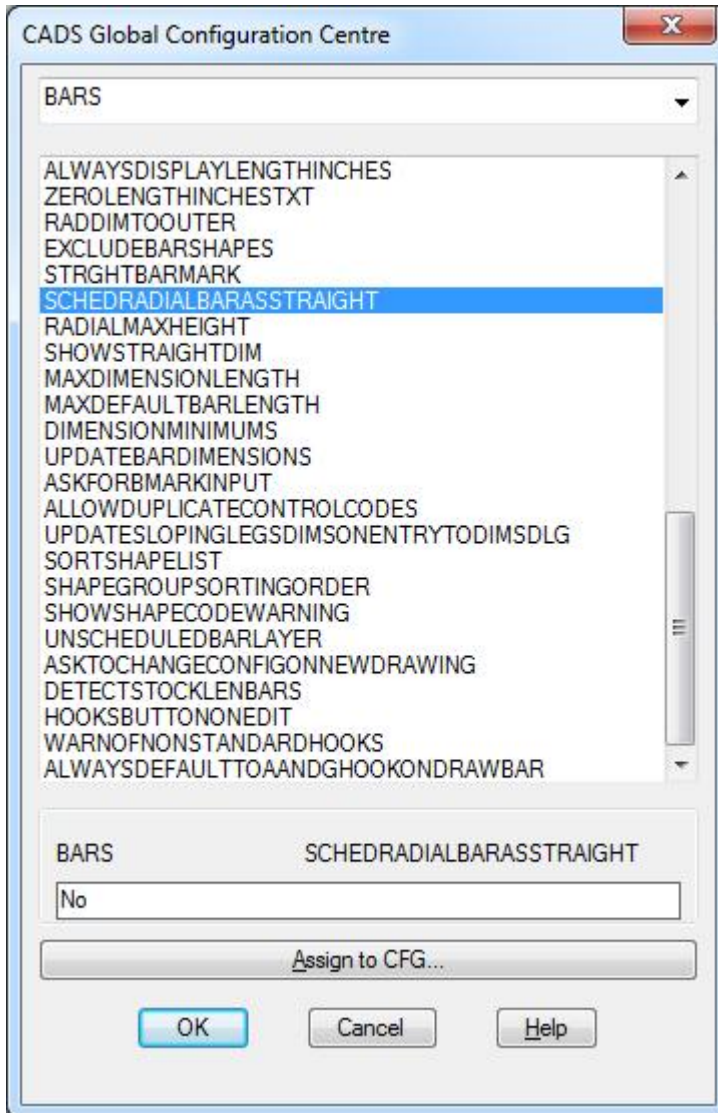
Note 2: For shapes with straight and curved lengths (e.g. shape codes 12, 13, 22 and 33) the largest practical radius for the production of a continuous curve is 200mm, and for larger radii the curve may be produced by a series of short straight sections.

1. CADS RC is shipped to conform to this rule but this can be overridden by the detailer.
2. Open the Configuration Centre
3. Select Global/General Configuration

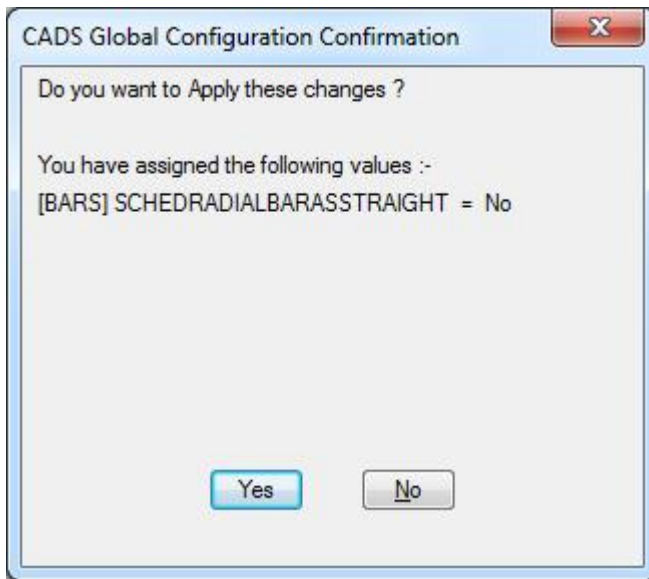
4. In the top field select BARS
5. In the middle field select "SchedRadialBarAsStraight"
6. In the lower field you can type in one of two settings

Yes Radial Bars with a bend radii over the values set in the table above will be schedule as a straight bar

No Radial bars will not be scheduled as straight bars.



7. Click Assign to CFG to apply the setting
8. Click Ok



9. Answer Yes to Apply the changes, this applies this setting to the current drawing only.
10. To apply the setting to all new drawings, go into Miscellaneous Configuration and Write Prototype Settings. This will create an unique INI file on your system that all new drawings will read.
11. This concludes this FAQ