

SPOOLED REBAR



The Latest Innovation in Rebar

Spoiled rebar is available coast to coast in the United States exclusively from CMC. CMC ships hot-rolled spoiled rebar from CMC Steel Oklahoma in Durant and CMC Steel Arizona in Mesa, and re-spoiled rebar from CMC Steel Florida in Jacksonville.

Prior to spoiled rebar, the fabrication industry relied on traditional loose-rolled coiled rebar used by automatic equipment. While coiled rebar has several benefits over straight length rebar, it also presents challenges, including: limited sizes; inherent twisting of rebar causing difficulty feeding machines and holding shapes; frequent tangling; unstable package creating stacking/storage concerns and inconsistent length from coil to coil.

CMC’s spoiled rebar can alleviate these challenges. Available in sizes #3 to #6 in weights between 2.5 and 5 tons (3.5 ton is standard), you can select the spool size that best fits your shop’s needs and capabilities. Spools can be placed on existing coil-handling equipment with minimal adjustments.

Sizes and Grades			
Sizes		Grades	
#3 10mm	#5 16mm	ASTM A615-40	ASTM A615-80
#4 13mm	#6 19mm	ASTM A615-60	ASTM A615-100
		ASTM A615-75	ASTM A706-60

FOR MORE INFORMATION:

website:
cmc.com/spooledrebar

email:
spooledrebar@cmc.com

or contact:
your local sales representative



SPOOLS PROVIDE COMPETITIVE ADVANTAGE

- Less mill scale
- Larger spools require less down-time for change-outs, improving production, output and safety.
- No twisting in the straightening process provides for easier multi-stranding, increased productivity and ultimately truer shapes. This results in fewer adjustments to the final fabricated product.
- Stable, tighter stacks are easier to store, stage, load and transport, and provide improved safety when since there is no need to flip spools.
- Knowing a measurement of rebar linear footage per spool allows for optimized production.



Exact linear footage
measurement



Stable stacks for easy
storage



Larger spools mean less
downtime

Spool Versus Coiled Rebar

More Rebar for Your Cost

Coil rebar is typically sold on actual weight and produced to the heavier end of the tolerance resulting in less feet per pound while spooled rebar is sold on theoretical weight and produced to the lighter end of the tolerance. This allows for an opportunity to gain up to 7% more bar with spooled rebar for the same sold weight.

Bar Size	Coil (Ft/Ton)	Spool (Ft/Ton)	Additional Feet with Spool
#3	5,115	5,484	+369
#4	2,879	3,087	+208
#5	1,844	1,977	+133

More Rebar for Your Cost

Using an average changeover time of 30 minutes, fabricators can save more time per ton when using heavier spools.

Spool Weight	2 Tons	2.5 Tons	3.5 Tons	5.5 Tons
Changeover Time	15 Min/Ton	12 Min/Ton	9 Min/Ton	6 Min/Ton