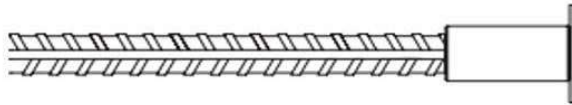


Threaded Rebar Splice System

Technical Product Data Sheet



FA Setting Bar



MA Splice Bar

Description

The OCM Threaded Rebar Splice System consists of an NC (National Course) threaded coupler with threaded rebar. The system is comprised of a splice bar (threaded end) and a setting bar (coupler end) which provides rebar continuity across construction joints when the splice system is fully installed. The setting bar is attached to the formwork for the initial pour by using the nail holes on the face of the coupler. Once the initial formwork is removed, the splice bar is then fully threaded into the coupler to complete the splice.

Common Applications

- Planned Construction Joints / Pour Breaks
- Stairwell Construction - Wall to Stair
- Tilt Up panel - Panel to pour strip
- Column to Beam
- Shear Wall to Slab
- Future Expansion planning.

Project Types

- Mid-Rise and High Rise Construction
- Waste Water New Construction
- Parking Garage Construction
- Bridge / DOT Construction
- Concrete Paving
- Precast Concrete
- Pier Construction

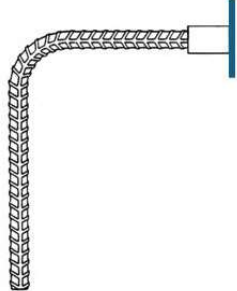
Features

- Dowel bar replacement - eliminates protruding dowels.
- Replaces same bar size with standard bar diameters.
- Eliminates expensive repairs by drilling of formwork.
- Integrated Nail plate for easy attachment to formwork.
- Exceeds 125%fy of ASTM A615 grade 60 rebar
- Eliminates protruding rebar, promoting safer jobsite
- Fabricated shapes available from OCM.
- Available Plain or Epoxy Coated bar.
- **Made in USA!**

ASTM A615 Grade 60 Rebar Data

Rebar Size	Weight (lbs/ft)	Nominal Dia. (in)	Cross Sec. Area (Sq. in.)	Minimum Load Values (lbs)		
				Specified Yield (Py)	1.25 Py	1.50 Py
#4	0.668	0.500	0.2	12000	15000	18000
#5	1.043	0.625	0.31	18600	23250	27900
#6	1.502	0.750	0.44	26400	33000	39600
#7	2.044	0.875	0.6	36000	45000	54000
#8	2.670	1.000	0.79	47400	59250	71100
#9	3.400	1.128	1	60000	75000	90000
#10	4.303	1.250	1.27	76200	95250	114300
#11	5.313	1.410	1.56	93600	117000	140400

Fabrication Available



ASTM A615 Grade 60 Coupler Data

Rebar Size	Thread	Coupler Weight (lbs)	Coupler Length (in)	Coupler OD (in)	Flange Dim (in)	Min Load (lbs.)
#4	1/2" - 13NC	0.280	1.74	0.875	2x2	18,000
#5	5/8" - 11NC	0.350	1.95	1.000	2x2	27,900
#6	3/4" - 10NC	0.480	2.00	1.125	2x2	39,600
#7	7/8" - 9NC	0.700	2.49	1.250	2x2	54,000
#8	1" - 8NC	1.200	2.99	1.500	2x2	71,100
#9	1-1/8" - 7NC	2.000	3.49	1.750	3x3	90,000
#10	1-1/4" - 7NC	2.610	4.25	2.000	3x3	114,300
#11	1-3/8" - 6NC	2.660	4.75	2.000	3x3	140,400



OCM

1120 Peterson Road
Grayslake, Illinois 60030

Submit to:

Your local Sales OCM representative or
sales@ocm-inc.com

Dowel Bar Replacement Quote Request

Date: _____

Customer Name	_____
Customer Location	_____
Quote Requested By:	_____

Project Type: (Circle One)

Commerical DOT

If DOT State : _____

Project Name:	_____
Project Location:	_____

Rebar Required (Circle One)

GR 60 Black

GR 60 Epoxy

Other: _____

Dimensions (Feet/Inches)								Net Unit Price	Net Extension
Qty	Bar Size	Bar Type	Flange? (Y/N)	A	B	C	D		
Estimated Total									

Prices are valid for 30- days unless noted otherwise. Prices do not include freight unless specified otherwise.

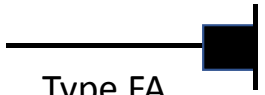
Prices are based on quantites shown. Any Deviation may impact above pricing.

Estimated Freight Charge for material shown: _____ in _____ Shipments

The OCM Mechanical Dowel Bar Replacement system consist of two pieces. Our system may be utilized to splice ASTM A615 GR 60 Steel Black or Epoxy. It may also be produced with ASTM A706 Reinforcement Steel. The OCM Mechanical Dowel Bar Replacement System Develops 125% of minimum specified yield of Grade 60 Reinforcment Steel in tension. OCM Dowel Bar Replacement System exceeds ACI 318 Type I Splice

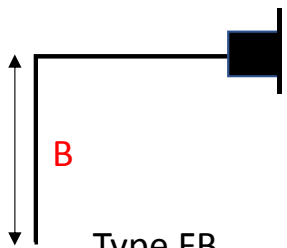


A



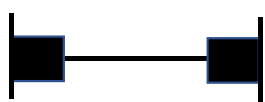
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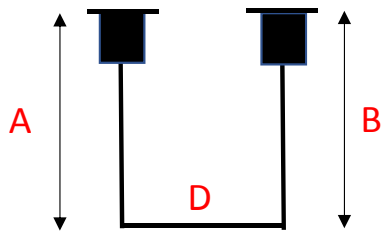


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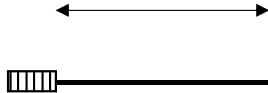


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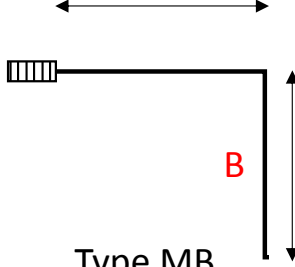
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Type MA

C

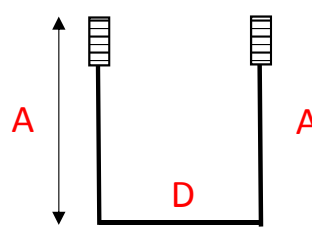


Type MB

A



Type MD



Type MDU