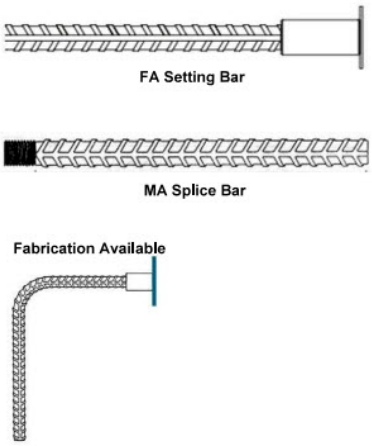

Threaded Rebar Splice System

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.

Features:

- Dowel bar replacement - eliminates protruding dowels.
- Replaces same size 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.)	Min. Load (lbs) - Specified Yield (Py)	Min. Load (lbs) - 1.25 (Py)	Min. Load (lbs) - 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

Rebar Size	Weight (lbs/ft)	Nominal Dia. (in)	Cross Sec. Area (Sq.in.)	Min. Load (lbs) - Specified Yield (Py)	Min. Load(lbs) - 1.25(Py)	Min. Load(lbs) - 1.50(Py)
#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

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	18000
#5	5/8"-11NC	0.350	1.95	1.000	2x2	27900
#6	3/4"-10NC	0.480	2.00	1.125	2x2	39600
#7	7/8"-9NC	0.700	2.49	1.250	2x2	54000
#8	1"-8NC	1.200	2.99	1.500	2x2	71100
#9	1-1/8"-7NC	2.000	3.49	1.750	3x3	90000
#10	1-1/4"-7NC	2.610	4.25	2.000	3x3	114300
#11	1-3/8"-6NC	2.660	4.75	2.000	3x3	140400

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

Part Number	Threaded Rebar Splice System