



- Testing was conducted on D250 SCA Bar Lock Couplers.
- All testing was done by an independent third party laboratory per AC133 using bar grade ASTM A615 Grade 60 bar.
- Installation procedure outlined in Dayton Superior Installation Instructions.
- Please contact Technical support with any questions.

D250 SCA Bar-Lock Plain GR60 Type 1 Compliance

Test ID	Bar Size	Coupler Type	Reinforcing Bar Type	Bar Area (in ²)	Tensile Strength (kips)	Tensile Strength (ksi)	%Fy 60 KSI	Type 1 125% of Fy
5900	4	D250 SCA	ASTM A615 GR60	0.20	21.0	105.0	175%	Pass
5901	4	D250 SCA	ASTM A615 GR60	0.20	20.8	104.0	173%	Pass
5902	4	D250 SCA	ASTM A615 GR60	0.20	20.4	102.0	170%	Pass
5897	5	D250 SCA	ASTM A615 GR60	0.31	31.1	100.3	167%	Pass
5898	5	D250 SCA	ASTM A615 GR60	0.31	31.0	100.0	167%	Pass
5899	5	D250 SCA	ASTM A615 GR60	0.31	31.1	100.3	167%	Pass
5894	6	D250 SCA	ASTM A615 GR60	0.44	43.2	98.2	164%	Pass
5895	6	D250 SCA	ASTM A615 GR60	0.44	42.1	95.7	159%	Pass
5896	6	D250 SCA	ASTM A615 GR60	0.44	43.3	98.4	164%	Pass
5845	7	D250 SCA	ASTM A615 GR60	0.60	53.9	89.8	150%	Pass
5846	7	D250 SCA	ASTM A615 GR60	0.60	51.4	85.7	143%	Pass
5847	7	D250 SCA	ASTM A615 GR60	0.60	59.7	99.5	166%	Pass
5842	8	D250 SCA	ASTM A615 GR60	0.79	80.5	101.9	170%	Pass
5843	8	D250 SCA	ASTM A615 GR60	0.79	79.3	100.4	167%	Pass
5844	8	D250 SCA	ASTM A615 GR60	0.79	82.2	104.1	173%	Pass
5839	9	D250 SCA	ASTM A615 GR60	1.00	104.9	104.9	175%	Pass
5840	9	D250 SCA	ASTM A615 GR60	1.00	106.3	106.3	177%	Pass
5841	9	D250 SCA	ASTM A615 GR60	1.00	100.4	100.4	167%	Pass
5836	10	D250 SCA	ASTM A615 GR60	1.27	114.4	90.1	150%	Pass
5837	10	D250 SCA	ASTM A615 GR60	1.27	114.5	90.2	150%	Pass
5838	10	D250 SCA	ASTM A615 GR60	1.27	113.9	89.7	149%	Pass
5833	11	D250 SCA	ASTM A615 GR60	1.56	155.0	99.4	166%	Pass
5834	11	D250 SCA	ASTM A615 GR60	1.56	163.5	104.8	175%	Pass
5835	11	D250 SCA	ASTM A615 GR60	1.56	162.8	104.4	174%	Pass
5947	14	D250 SCA	ASTM A615 GR60	2.25	191.5	85.1	142%	Pass
5948	14	D250 SCA	ASTM A615 GR60	2.25	183.3	81.5	136%	Pass
5949	14	D250 SCA	ASTM A615 GR60	2.25	188.6	83.8	140%	Pass
5871	18	D250 SCA	ASTM A615 GR60	4.00	341.7	85.4	142%	Pass
5872	18	D250 SCA	ASTM A615 GR60	4.00	317.9	79.5	132%	Pass
5873	18	D250 SCA	ASTM A615 GR60	4.00	316.7	79.2	132%	Pass