



Taper-Lock System GR60 Type 2 Compliance

- Testing was conducted on D310 Standard couplers.
- Results are applicable to similar design products such as D320 and D340
- All testing was done by an independent third party laboratory per AC133 using bar grade ASTM A706 GR60.
- Installation procedure outlined in Dayton Superior Installation Instructions.
- Please contact Technical support with any questions.

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	%Fu 90 KSI	Type 2 100% of Fu
2676	4	D310	ASTM A706 GR60	0.20	19.7	98.5	164%	Pass	109%	Pass
2677	4	D310	ASTM A706 GR60	0.20	19.8	99.0	165%	Pass	110%	Pass
2678	4	D310	ASTM A706 GR60	0.20	19.6	98.0	163%	Pass	109%	Pass
2679	4	D310	ASTM A706 GR60	0.20	19.6	98.0	163%	Pass	109%	Pass
2680	4	D310	ASTM A706 GR60	0.20	19.6	98.0	163%	Pass	109%	Pass
2659	5	D310	ASTM A706 GR60	0.31	30.3	97.7	163%	Pass	109%	Pass
2672	5	D310	ASTM A706 GR60	0.31	31.4	101.3	169%	Pass	113%	Pass
2673	5	D310	ASTM A706 GR60	0.31	31.3	101.0	168%	Pass	112%	Pass
2674	5	D310	ASTM A706 GR60	0.31	31.3	101.0	168%	Pass	112%	Pass
2675	5	D310	ASTM A706 GR60	0.31	31.2	100.6	168%	Pass	112%	Pass
2628	6	D310	ASTM A706 GR60	0.44	42.7	97.0	162%	Pass	108%	Pass
2629	6	D310	ASTM A706 GR60	0.44	42.2	95.9	160%	Pass	107%	Pass
2630	6	D310	ASTM A706 GR60	0.44	42.5	96.6	161%	Pass	107%	Pass
2631	6	D310	ASTM A706 GR60	0.44	42.3	96.1	160%	Pass	107%	Pass
2632	6	D310	ASTM A706 GR60	0.44	42.5	96.6	161%	Pass	107%	Pass
2623	7	D310	ASTM A706 GR60	0.60	58.9	98.2	164%	Pass	109%	Pass
2624	7	D310	ASTM A706 GR60	0.60	58.5	97.5	163%	Pass	108%	Pass
2625	7	D310	ASTM A706 GR60	0.60	57.9	96.5	161%	Pass	107%	Pass
2626	7	D310	ASTM A706 GR60	0.60	58.7	97.8	163%	Pass	109%	Pass
2627	7	D310	ASTM A706 GR60	0.60	58.8	98.0	163%	Pass	109%	Pass
2618	8	D310	ASTM A706 GR60	0.79	78.8	99.7	166%	Pass	111%	Pass
2619	8	D310	ASTM A706 GR60	0.79	77.4	98.0	163%	Pass	109%	Pass
2620	8	D310	ASTM A706 GR60	0.79	79.1	100.1	167%	Pass	111%	Pass
2621	8	D310	ASTM A706 GR60	0.79	78.7	99.6	166%	Pass	111%	Pass
2622	8	D310	ASTM A706 GR60	0.79	78.9	99.9	167%	Pass	111%	Pass
2662	9	D310	ASTM A706 GR60	1.00	98.1	98.1	164%	Pass	109%	Pass
2663	9	D310	ASTM A706 GR60	1.00	97.0	97.0	162%	Pass	108%	Pass
2664	9	D310	ASTM A706 GR60	1.00	98.4	98.4	164%	Pass	109%	Pass
2665	9	D310	ASTM A706 GR60	1.00	98.3	98.3	164%	Pass	109%	Pass
2666	9	D310	ASTM A706 GR60	1.00	98.0	98.0	163%	Pass	109%	Pass
2697	10	D310	ASTM A706 GR60	1.27	121.7	95.8	160%	Pass	106%	Pass
2698	10	D310	ASTM A706 GR60	1.27	122.0	96.1	160%	Pass	107%	Pass
2699	10	D310	ASTM A706 GR60	1.27	122.7	96.6	161%	Pass	107%	Pass
2700	10	D310	ASTM A706 GR60	1.27	123.2	97.0	162%	Pass	108%	Pass
2701	10	D310	ASTM A706 GR60	1.27	121.7	95.8	160%	Pass	106%	Pass
2608	11	D310	ASTM A706 GR60	1.56	151.4	97.1	162%	Pass	108%	Pass
2609	11	D310	ASTM A706 GR60	1.56	152.5	97.8	163%	Pass	109%	Pass
2610	11	D310	ASTM A706 GR60	1.56	154.4	99.0	165%	Pass	110%	Pass
2611	11	D310	ASTM A706 GR60	1.56	154.1	98.8	165%	Pass	110%	Pass
2612	11	D310	ASTM A706 GR60	1.56	153.1	98.1	164%	Pass	109%	Pass
2714	14	D310	ASTM A706 GR60	2.25	224.6	99.8	166%	Pass	111%	Pass
2715	14	D310	ASTM A706 GR60	2.25	224.8	99.9	167%	Pass	111%	Pass
2716	14	D310	ASTM A706 GR60	2.25	227.9	101.3	169%	Pass	113%	Pass
2717	14	D310	ASTM A706 GR60	2.25	226.9	100.8	168%	Pass	112%	Pass
2718	14	D310	ASTM A706 GR60	2.25	228.6	101.6	169%	Pass	113%	Pass
2784	18	D310	ASTM A706 GR60	4.00	430.8	107.7	180%	Pass	120%	Pass
2785	18	D310	ASTM A706 GR60	4.00	431.2	107.8	180%	Pass	120%	Pass
2786	18	D310	ASTM A706 GR60	4.00	404.0	101.0	168%	Pass	112%	Pass
2787	18	D310	ASTM A706 GR60	4.00	415.0	103.8	173%	Pass	115%	Pass
2788	18	D310	ASTM A706 GR60	4.00	424.7	106.2	177%	Pass	118%	Pass