



STANDARD COUPLER



RHINO Standard Coupler

The RS series of mechanical coupler is designed to join any bar to bar connection that is the same size of rebar, where one bar is free to rotate. The coupler has machined taper threads at both ends connecting two ends of rebar to make a mechanical splice. This simplifies rebar splicing in areas where steel congestion makes it difficult for long lap splices. The taper thread design allows for quick alignment and engagement of the bar within the coupler.



Features and Benefits

- Can be used in a wide variety of global rebar grades and deformation patterns..
- Meets or exceeds requirements for ACI 318 Type 1 & Type 2 for ASTM A615/A706 Grade 60 and 80.
- Taper design allows for quick alignment and eliminates cross threading
- Installs quickly with taper thread
- Slim design frees up space in congested area

Typical Applications

- Column Bar Splicing
- Beam and Slab Bar Splicing
- Future Extensions
- Segmental Construction
- Core wall and shear wall bar splicing

Part Number	US Rebar Size	Metric Rebar Size	Canada Rebar Size	L1 (in)	L1 (mm)	D1 (in)	D1 (mm)	BD1 (in)	BD1 (mm)	BG1 (in)	BG1 (mm)	Weight (lbs)	Weight (kg)
RS13	#4	13mm	-	2.19	56	.75	19	.88	22	.43	11	.17	.08
RS16	#5	16mm	15M	2.50	64	1.00	25	1.10	28	.31	8	.2	.10
RS19	#6	19mm	20M	2.80	71	1.13	29	1.30	33	.20	5	.44	.20
RS22	#7	22mm	-	3.19	81	1.25	32	1.25	32	.69	17	.60	.27
RS25	#8	25mm	25M	3.39	86	1.50	38	1.50	38	.38	10	.88	.40
RS28	#9	28mm	30M	3.70	94	1.63	41	1.70	43	.31	8	1.20	.54
RS32	#10	32mm	-	4.25	108	1.75	44	1.87	48	.50	13	1.54	.70
RS36	#11	36mm	35M	4.57	116	2.00	51	2.18	55	.21	6	2.30	1.1
RS43	#14	43mm	-	5.35	136	2.25	57	2.50	64	.35	9	3.08	1.4
RS57	#18	57mm	-	6.93	176	3.00	76	2.58	66	.58	15	4.63	2.1