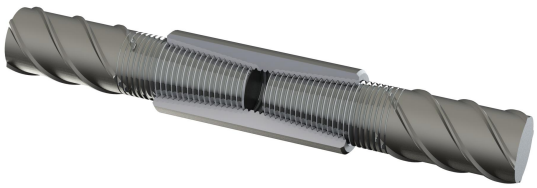
RHINO
MECHANICAL CONNECTIONS

RHINO Super Taper (ST) Coupler

The ST series of mechanical coupler is designed specifically for the RHINO Ultra System and will 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.



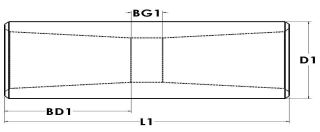
Features and Benefits

- Designed specifically for the RHINO Ultra System
- Can be used in a wide variety of global rebar grades and deformation patterns
- Meets or exceeds international building codes including ACI 318 Type 1 & Type 2,BS8110, DIN1045 and Hong Kong Building Department Type 1 & 2..
- 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	L1 (in)	L1 (mm)	D1 (in)	D1 (mm)	BD1 (in)	BD1 (mm)	BG1 (in)	BG1 (mm)	Weight (lbs)	Weight (kg)
ST12	#4	12mm	2.09	53	.67	17	.84	22	.36	9	.17	.08
ST16	#5	16mm	2.38	61	.95	24	1.10	28	.20	5	.20	.10
ST20	#6	20mm	2.86	73	1.14	29	1.28	33	.31	8	.44	.20
ST25	#8	25mm	3.29	84	1.46	37	1.50	38	.31	8	.88	.40
ST32	#10	32mm	4.14	105	1.77	45	1.87	48	.39	10	1.54	.70
ST40		40mm	4.92	125	2.24	57	2.36	60	.39	10	3.08	1.4
ST50		50mm	5.59	142	2.76	70	2.58	66	.44	11	4.63	2.1



DIMENSIONS ARE FOR REFERENCE ONLY.