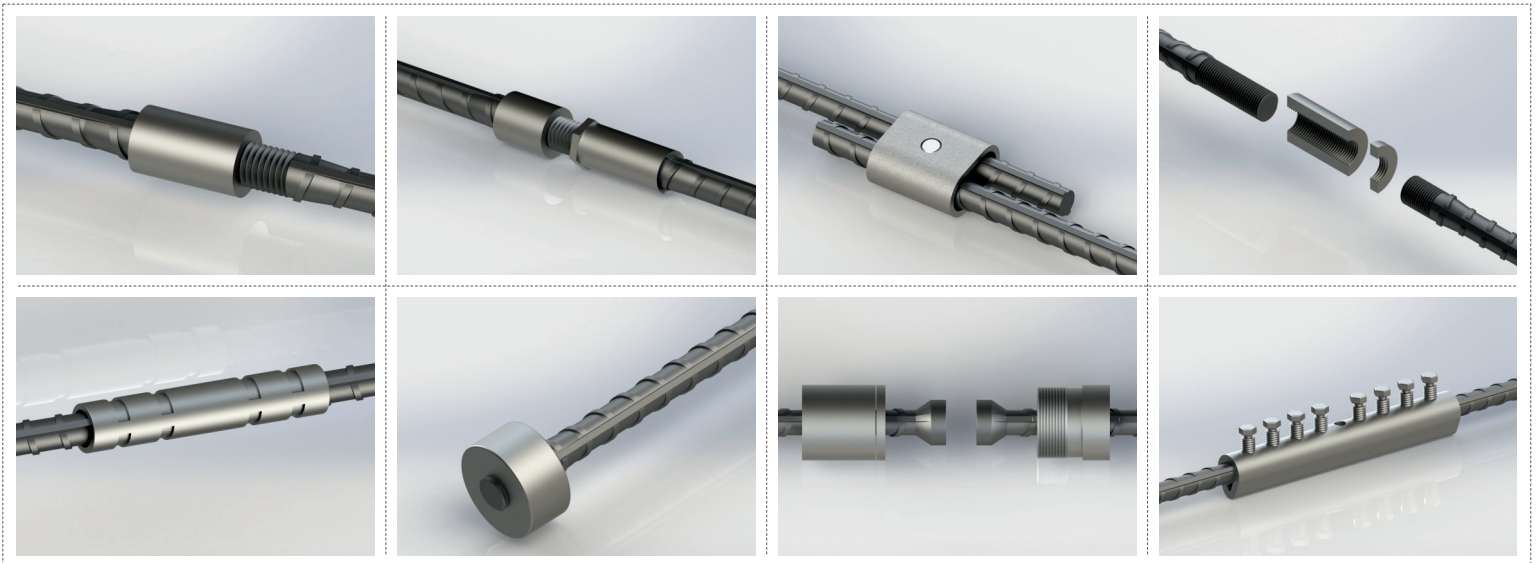


MECHANICAL REBAR COUPLER



REGBAR
CONSTRUCTION TECHNOLOGY SOLUTIONS

barCOUP L

MECHANICAL REINFORCING BAR SPLICING SYSTEM

barCOUP L Coupler

Properties

- ▶ Meets or exceeds the requirements of major international building codes
- ▶ A wide range of international rebar grades and deformation patterns can be used
- ▶ Upset Parallel Thread System eliminates losing of connection strength via slipping
- ▶ Installs easily and fast
- ▶ Slim design reduces concrete cover
- ▶ Available in sizes 12 mm - 40 mm
- ▶ Allows simple visual inspection



Barcoup L Couplers are designed to splice the same diameter bars where none of the bars can be rotated. The couplers are machined to have parallel threads inside which create a mechanical connection of two corresponding reinforcing steel. These rebars which will be connected are put together in site for mounting and the mounting is completed only by screwing the coupler by hand from right to left (with no need for extra torque wrench and controlling device).

Typical applications include splicing of the column bars (or shearwalls), splicing of the beam bars, future extensions and segmental pours of concrete.

Barcoup L couplers are designed to meet or exceed major international building codes and Department of Transportation requirements, including:

AASHTO	ACI 349	IBC Type 1 (125% Specified Yield)	NF A 35-020-1
ABNT NBR 8548:1984	ACI 359	IBC Type 2 (Specified Ultimate)	NF EN 1992-1-1
ACI 318 Type 1 (125% Specified Yield)	AS3600	ISO 15835	Turkish Seismic Code 2018
ACI 318 Type 2 (Specified Ultimate)	Eurocode 2	GOST 34278	US Army Corps of Engineers

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RUSSIA BRANCH

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Simple Installation



1. Remove the protecting cap from the rebar to be connected.



2. Align the corresponding two rebar.



3. Screw the coupler from where it is mounted to the other threaded bar.

Product Code	Bar Sizes			Outside Diameter (*)		Length		Unit Weight (*)	
	Metric [mm]	US	Canada	[mm]	["]	[mm]	["]	[kg]	[lb]
BRCPL12	12	#4	10M	19	3/4	38	1-1/2	0.05	0.12
BRCPL14	14	-	-	24	15/16	42	1-21/32	0.09	0.2
BRCPL16	16	#5	15M	29	1-9/64	47	1-27/32	0.14	0.31
BRCPL18	18	-	-	34	1-11/32	50	1-31/32	0.21	0.47
BRCPL20	20	#6	20M	34	1-11/32	54	2-1/8	0.22	0.49
BRCPL22	22	#7	-	39	1-17/32	58	2-9/32	0.28	0.62
BRCPL26	26	#8	25M	39	1-17/32	60	2-23/64	0.29	0.64
BRCPL28	28	#9	30M	44	1-47/64	68	2-43/64	0.42	0.93
BRCPL30	30	-	-	49	1-59/64	70	2-3/4	0.57	1.26
BRCPL32	32	#10	-	49	1-59/64	72	2-53/64	0.58	1.28
BRCPL36	36	#11	35M	54	2-1/8	78	3-5/64	0.78	1.72
BRCPL40	40	-	-	59	2-21/64	80	3-5/32	0.91	2.01

(*) Bar diameters and weights may vary by country.

NOTES

- Dimensions shown in chart are typical.
- It is recommended to lock the splices using a wrench. No specific torque needed.
- It is recommended to store away the thread protecting caps for reuse.
- Refer to the complete product installation instructions before starting the installation

Regbar Construction
Technology



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