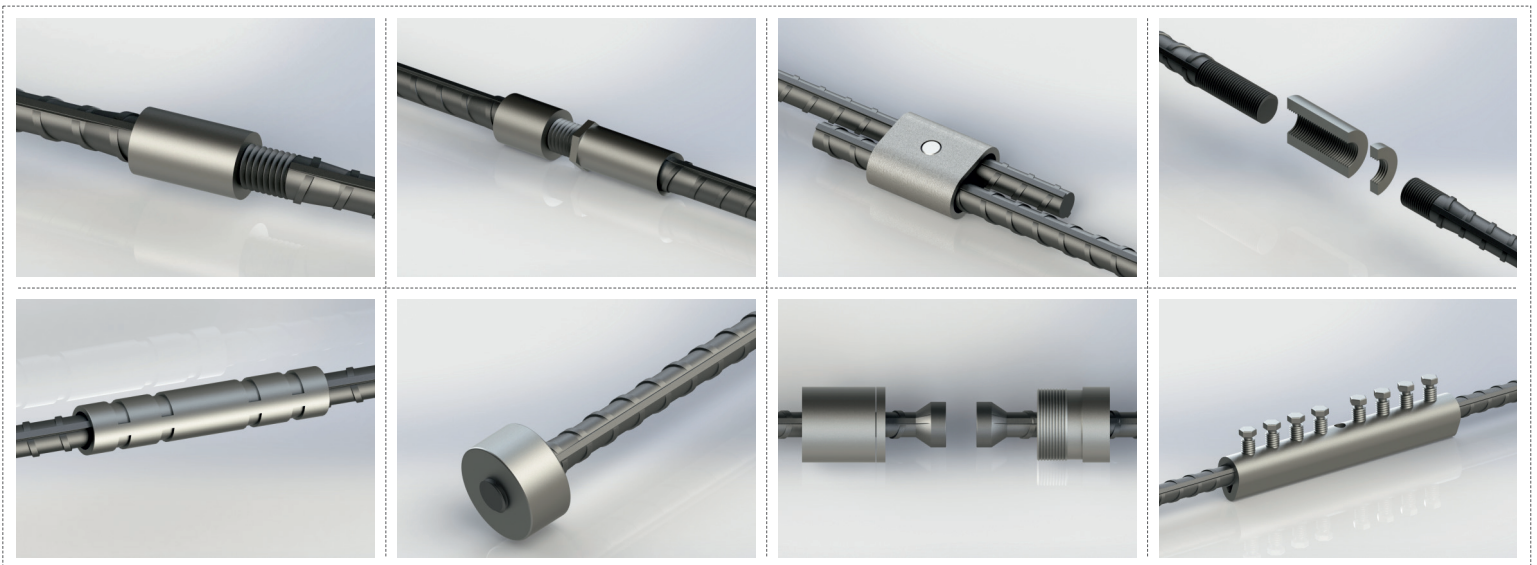


MECHANICAL REBAR COUPLER



REGBAR
CONSTRUCTION TECHNOLOGY SOLUTIONS

rollCOUP

MECHANICAL REINFORCING BAR SPLICING SYSTEM

rollCOUP 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
- ▶ Rolled Parallel Thread System gives a clear look and 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



Rollcoup is a rolled parallel threaded mechanical splicing system designed for the connection of concrete reinforcing bars. Rollcoup is designed to splice the same diameter bars where at least one bar can be rotated and moved freely in its axial direction. The couplers are machined to have parallel threads inside which create a mechanical connection of two corresponding reinforcing steel. Thanks to its rolled threading process, the fatigue resistance of Rollcoup is much better than that specified in the AASHTO code.

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

Rollcoup 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

HEADQUARTERS

Caferağa Mah. Albay Faik Sözdener Cad.
No:7/23 Kadıköy - İstanbul - TURKEY
Phone: +90 216 405 21 55 pbx
E-mail: info@regbar.com

PLANT

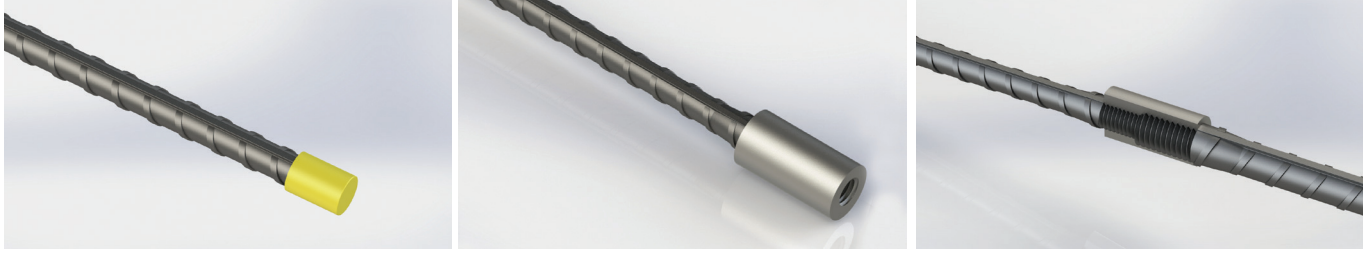
Sanayi Mah. İzmit Sanayi Sitesi
13. Cadde 318 Blok Apt. No: 318/132
No:9 İzmit - Kocaeli - TURKEY
Mobile: +90 541 932 37 51

RUSSIA BRANCH

Lesnaya Plaza 4, 4th Lesnoy
Pereulok No: 24/8 125047
Moscow / RUSSIA



Simple Installation



1. Remove the protecting cap from the rebar. **2.** Screw the coupler on the threaded bar.

3. Align the corresponding rebar. Rotate the rebar to the middle of coupler.

Product Code	Bar Sizes			Outside Diameter (*)		Length		Unit Weight (*)	
	Metric [mm]	US	Canada	[mm]	["]	[mm]	["]	[kg]	[lb]
RLCP12	12	#4	10M	19	3/4	38	1-1/2	0.05	0.12
RLCP14	14	-	-	24	15/16	42	1-21/32	0.09	0.2
RLCP16	16	#5	15M	29	1-9/64	47	1-27/32	0.14	0.31
RLCP18	18	-	-	34	1-11/32	50	1-31/32	0.21	0.47
RLCP20	20	#6	20M	34	1-11/32	54	2-1/8	0.22	0.49
RLCP22	22	#7	-	39	1-17/32	58	2-9/32	0.28	0.62
RLCP26	26	#8	25M	39	1-17/32	66	2-19/32	0.29	0.64
RLCP28	28	#9	30M	44	1-47/64	68	2-43/64	0.42	0.93
RLCP30	30	-	-	49	1-59/64	70	2-3/4	0.57	1.26
RLCP32	32	#10	-	49	1-59/64	72	2-53/64	0.58	1.28
RLCP36	36	#11	35M	54	2-1/8	82	3-15/64	0.78	1.72
RLCP40	40	-	-	59	2-21/64	90	3-35/64	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



HEADQUARTERS

Caferağa Mah. Albay Faik Sözdener Cad.
No:7/23 Kadıköy - İstanbul - TURKEY
Phone: +90 216 405 21 55 pbx
E-mail: info@regbar.com

PLANT

Sanayi Mah. İzmit Sanayi Sitesi
13. Cadde 318 Blok Apt. No: 318/132
No:9 İzmit - Kocaeli - TURKEY
Mobile: +90 541 932 37 51

RUSSIA BRANCH

Lesnaya Plaza 4, 4th Lesnoy
Pereulok No: 24/8 125047
Moscow / RUSSIA





REGBAR

CONSTRUCTION TECHNOLOGY SOLUTIONS



www.regbar.com
info@regbar.com

HEADQUARTERS

Caferağa Mah. Albay Faik Sözdener Cad.
No:7/23 Kadıköy - İstanbul - TURKEY
Phone: +90 216 405 21 55 pbx
E-mail: info@regbar.com

PLANT

Sanayi Mah. İzmit Sanayi Sitesi
13. Cadde 318 Blok Apt. No: 318/132
No:9 İzmit - Kocaeli - TURKEY
Mobile: +90 541 932 37 51

RUSSIA BRANCH

Lesnaya Plaza 4, 4th Lesnoy
Pereulok No: 24/8 125047
Moscow / RUSSIA