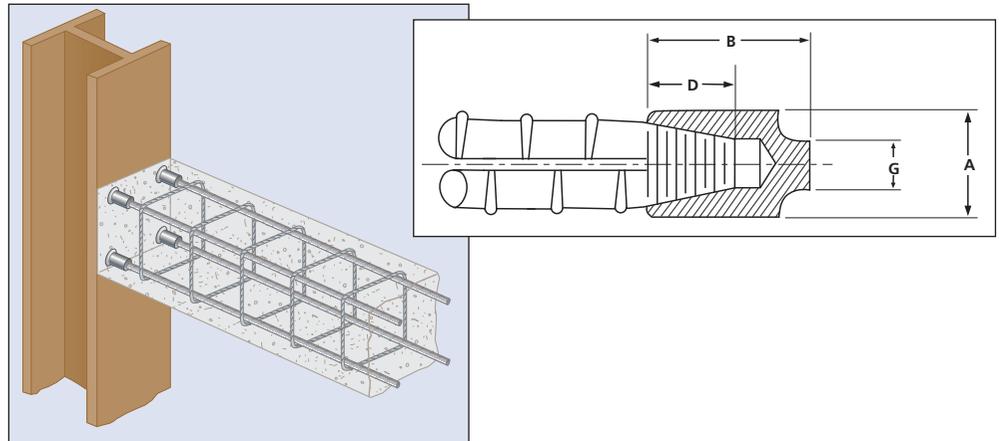


LENTON® Weldable Half Coupler "C2" and "C3J" Mechanical Rebar Splice

Features

- Connects reinforcing bar to structural steel sections or plates
- Unique self-aligning taper thread provides continuity and structural integrity
- Spliced rebar maintains full strength in tension, compression and stress-reversal applications
- Quick and easy to install
- Develops higher tensile strength than lap splicing
- Designed to withstand man-made blasts and other seismic events
- Provides full load transfer with a very slim, short coupler
- Exceeds ACI®, UBC® and IBC® full-tension splice requirements
- Exceeds Type 1 and Type 2 splice requirements



Description

LENTON® Half Coupler C2 and C3J are specified for applications where reinforcing bar is being joined to structural steel. The coupler contains LENTON tapered threads at one end while the opposing side is machined in preparation for welding. The engineer should refer to the AWS® Code for appropriate welding procedures. The reinforcing steel is purchased pre-threaded at a local rebar fabrication shop. Contact ERICO for your nearest supplier.

Splice Performance

The assembled connection is capable of exceeding the ACI®, UBC®, and IBC® (ICC®-ES ER-3967) Building Code requirements for full tension mechanical splice. Contact ERICO for specific Department of Transportation approvals. For a copy of ICC-ES ER-3967 report please visit www.erico.com.

Typical Applications

New Composite Design Structures:

- Reinforced concrete and structural steel construction.

NOTE: LENTON Half Couplers are manufactured from A.I.S.I. 1018, 1030, or 1035 material.

Bar Size	Part No.	"A" Dia.	"B" Dim.	"D" Dim.	"G" Dim.	Weight	Qty/Box	Ends/Chaser*
#4	EL12C2	3/4	1-3/16	9/16	7/16	0.2	175	400
#5	EL16C2	1	1-3/8	7/8	9/16	0.2	175	400
#6	EL20C3J	1-1/4	2-5/32	1-1/8	7/8	0.4	75	360
#7	EL22C3J	1-1/4	2-13/32	1-1/4	3/4	0.5	75	330
#8	EL25C3J	1-9/16	2-17/32	1-3/8	1	1.1	44	300
#9	EL28C3J	1-9/16	2-11/16	1-1/2	15/16	1.1	69	280
#10	EL32C3J	2	2-7/8	1-9/16	15/16	1.4	36	250
#11	EL36C3J	2	2-31/32	1-11/16	1-1/8	1.6	18	230
#14	EL43TC3J	2-3/8	3-3/4	2-1/8	1-13/32	2.9	14	220
#18	EL57TC3J	3-1/8	4-1/2	2-3/4	1-3/4	5.9	4	180

*Approximate

For a copy of the LENTON Weldable Half Coupler Technical Data Sheet covering welding details, please contact ERICO or visit our web page.

WARNING

ERICO products shall be installed and used only as indicated in ERICO's product instruction sheets and training materials. Instruction sheets are available at www.erico.com and from your ERICO customer service representative. Improper installation, misuse, misapplication or other failure to completely follow ERICO's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death.

AWS is a registered trademark of the American Welding Society. ACI is a registered trademark of the American Concrete Institute. UBC is a registered trademark of the International Conference of Building Officials. IBC is a registered trademark of the International Building Code. ICC Electrical Code is a registered trademark of the International Code Council.

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