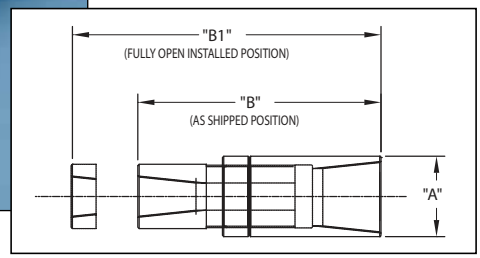
LENTON Position Transition "P9" and "P14" Mechanical Rebar Splice

Features

- Splices two curved, bent or straight bars of different diameters when neither bar can be rotated
- Unique, self-aligning taper thread provides continuity and structural integrity
- Performs like a continuous length of reinforcing steel and provides full strength in tension, compression and stress-reversal applications
- Installs quickly and easily
- Develops higher tensile strength than lap splicing
- Provides full load transfer with a very slim, short coupler
- Can be used for splicing pre-fabricated cages
- Exceeds ACI®, UBC®, ASME® and IBC® full-tension splice requirements
- Exceeds Type 1 and Type 2 splice requirements



Description

LENTON Position Transition "P9" and "P14" couplers are specified when at least one bar is not free to rotate. The coupler is a three-piece assembly designed to expand outward, thereby fastening to the taper threaded reinforcing steel. The completed connection creates a mechanical butt splice of two sections of bar. The coupler is machined to have tapered threads of two different sizes, creating a mechanical butt splice. The reinforcing steel is purchased pre-threaded at a local rebar fabrication shop. Contact Pentair for your nearest supplier.

Splice Performance

The assembled connection is capable of exceeding the ACI®, UBC®, ASME® and IBC® (IAPMO®-ES-0129, ICC®-ES ER-3967) Building Code requirements for a full tension mechanical splice. Contact Pentair for Department of Transportation approvals. For a copy of the IAPMO®-ES-0129 and ICC-ES ER-3967 report, please visit www.erico.pentair.com.

Typical Applications

New Reinforced Concrete Construction:

- Specified in applications where at least one bar is not free to rotate.
- Bent bar applications.
- Prefabricated cages.
- Precast structural elements.
- Matt foundations.

Part Number	Bar Size	"A" Diameter	"B"	"B1"	Qty/ Box	Ends/ Chaser*
EL2220P14L	#7/#6	1-13/16"	4-21/32"	5"	12	360
EL2522P9	#8/#7	1-13/16"	4-31/32"	5-5/16"	12	330
EL2825P9	#9/#8	2-1/2"	5-5/32"	5-1/2"	6	300
EL3228P9	#10/#9	2-1/2"	5-13/32"	5-3/4"	6	280
EL3632P9	#11/#10	2-1/2"	5-25/32"	6-1/8"	6	250
EL43T36P9	#14/#11	3"	8-13/16"	9-7/16"	4	230
EL57T36P9	#18/#11	4"	10-1/2"	11-1/8"	2	230
EL57T43TP9	#18/#14	4"	10-1/2"	11-1/8"	2	220

*Approximate based on ELHT100. Note: Multiple step transitions available upon request.

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

ACI is a registered trademark of the American Concrete Institute. ASTM is a registered trademark of the American Society for Testing and Materials. UBC is a registered trademark of the International Conference of Building Officials. IAPMO is a registered trademark of the International Association of Plumbing & Mechanical Officials Corporation. 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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