

# nVent LENTON Quick Wedge Mechanical Lap Coupler, Coated, Pin Included



The nVent LENTON Quick Wedge splice consists of an oval-shaped steel sleeve and a wedge pin. The sleeve is positioned around two very short overlapping steel bars. The wedge pin is inserted into a handheld hydraulic pin-driver and positioned on the sleeve. The pin is then driven through the pre-drilled hole in the sleeve and between the bars to complete the connection.

Coated reinforcing bar is used in place of plain reinforcing bars to protect against corrosion. Typical applications include bridges, parking structures, pavement, marine structures and repair work. nVent LENTON couplers and mechanical anchors are available in multiple coatings to meet specific job requirements.

## FEATURES

Short reinforcing bar overlap significantly reduces concrete removal in retrofit applications

Eliminates the need to custom cut and fit rebar to precise measurements

Quick installations result in accelerated job scheduling

Simple to use with only minimal training required

Splice offers quick visual inspection

Each package contains couplers, wedge pins and a spare grommet

Multiple coatings available

## SPECIFICATIONS

|                         |                       |
|-------------------------|-----------------------|
| <b>Finish Standard:</b> | ASTM® A767 Class I    |
| <b>Finish:</b>          | Hot-Dip Galvanized    |
| <b>Pin Finish:</b>      | Mechanical Galvanized |
| <b>Packaging:</b>       | Standard              |
| <b>Material:</b>        | Steel                 |

Table 1/2

| Catalog Number | Rebar Size, Metric | Rebar Size, US | Rebar Size, Canada | Length (L) | Width (W) | Height (H) |
|----------------|--------------------|----------------|--------------------|------------|-----------|------------|
|----------------|--------------------|----------------|--------------------|------------|-----------|------------|

|         |       |    |     |      |       |       |
|---------|-------|----|-----|------|-------|-------|
| ML12MMG | 12 mm |    |     | 48mm | 40 mm | 27 mm |
| ML5G    | 16 mm | #5 | 15M | 57mm | 49 mm | 33 mm |

Table 2/2

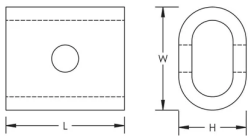
| Catalog Number | Unit Weight |
|----------------|-------------|
| ML12MMG        | 0.23 kg     |
| ML5G           | 0.36 kg     |

**Designed to Meet:** AASHTO;ACI 318 Type 1 (125% Specified Yield)

## ADDITIONAL PRODUCT DETAILS

Prior to installation, please read and understand the detailed instructions and safety notices provided in the nVent LENTON Quick Wedge Operator's Manual.

## DIAGRAMS



## WARNING

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

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