

D360 Taper-Lock® Weldable Coupler

Product Description:

The Taper-Lock D360 Weldable Couplers provide a convenient means of connecting reinforcing bars to structural steel plates or sections. Shorter than the standard coupler, it has a tapered thread at one end. The other end is welded directly to the steel.

The couplers are produced using ASTM A108 CD 8620 steel

The Taper-Lock Weldable Coupler is suitable for welding to structural steels. The load conditions at the connection must be determined by the engineer along with the type and size of weld required. Another important consideration is the type of electrode to be used, which must be matched to the properties of the plate and tube, and to the site conditions under which the welding will be undertaken. Welders should be qualified for the type of weld required.



Product Features and Benefits:

- The compact design of the coupler ensures suitability for use in confined situations where space is restricted or where the loss of cover must be minimized
- Reduces engineering design time
- Eliminates rebar congestion
- Provides Type 2 splicing capacities and simplifies load paths
- Complies with ACI, Caltrans, IBC, and Ministries of Transportation for Ontario and Quebec
- Approved for use in fatigue applications
- Hand-tightening

Product Specifications:

- Extension of Taper-Lock product line
- Accommodates rebar sizes #4 through #18
- Type 2 Splice
- For use with Grade 60, 75, 80 or 100 rebar

To Order:

Specify: (1) quantity, (2) name, (3) rebar size.

Example:

500 pcs., D360 Taper-Lock® Weldable Coupler, #6.

Product Codes D360 Taper-Lock Weldable Coupler

| Bar Size | | | Black (Made in USA) | Thickness (in.) | Outer Diameter (in.) | 20° Chamfer (in.) |
|----------|-------------|--------|---------------------|-----------------|----------------------|-------------------|
| US | Metric (MM) | CN (M) | | | | |
| #4 | [13] | [10] | 128385 | 1.0 | 1.3 | 0.25 |
| #5 | [16] | [15] | 128386 | 1.2 | 1.3 | 0.25 |
| #6 | [19] | [20] | 128387 | 1.3 | 1.3 | 0.38 |
| #7 | [22] | — | 128388 | 1.4 | 1.5 | 0.38 |
| #8 | [25] | [25] | 128389 | 1.6 | 1.6 | 0.50 |
| #9 | [29] | [30] | 128390 | 1.8 | 1.9 | 0.56 |
| #10 | [32] | — | 128391 | 2.0 | 2.3 | 0.63 |
| #11 | [36] | [35] | 128392 | 2.3 | 2.4 | 0.75 |
| #12 | [40] | — | 145113 | 2.6 | 1.6 | 0.88 |
| #14 | [43] | [45] | 128393 | 2.7 | 2.8 | 0.93 |
| #18 | [57] | [55] | 128394 | 3.6 | 3.8 | 1.13 |

Installation:

1. Ensure that threads are clean, in good condition, and conform to gauge requirements as published in the Taper-Lock Machine Operations Manual before assembly.
2. Assemble D360 into rebar hand tight (5 foot-pounds).