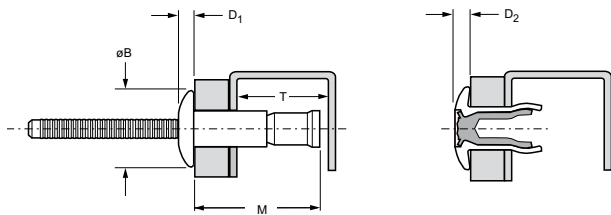


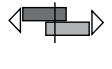





For installation information please refer to the tooling overview and manuals on our website.
 Pour les conditions de pose, merci de vous référer à la description de l'outil et aux manuels disponibles sur notre site Web.
 Angaben zur Verarbeitung entnehmen Sie bitte der Geräteübersicht und den Betriebsanleitungen auf unserer Website.
 Per informazioni sull'installazione preghiamo consultare i manuali e la panoramica degli attrezzi sul nostro sito web.
 Para ver información sobre máquinas de colocación, consulte nuestra página web, apartados visión general de máquinas y manuales.

| English | Français | Deutsch | Italiano | Español |
|----------------------------|-------------------------------|----------------------------|--------------------------------|---------------------------|
| Protruding head | Tête bombée | Flachrundkopf | Testa tonda | Cabeza alomada |
| Body: steel | Corps: Acier | Hülse: Stahl | Corpo: Acciaio | Cuerpo: Acero |
| Zinc plated | Revêtement zingué | Verzinkt | Zincato | Zincado |
| Clear trivalent passivated | Passivation claire trivalente | Klar chromatiert, Cr6-frei | Passivazione chiara trivalente | Pasivado claro trivalente |
| Stem: carbon boron steel | Tige: Acier | Dorn: Stahl | Gambo: Acciaio | Vástago: Acero |
| Zinc plated | Revêtement zingué | Verzinkt | Zincato | Zincado |
| Clear trivalent passivated | Passivation claire trivalente | Klar chromatiert, Cr6-frei | Passivazione chiara trivalente | Pasivado claro trivalente |



| ø nom. |  | |  | | M max. | øB max. | D ₁ max. | T min. | D ₂ max. |  kN ¹⁾ |  kN ¹⁾ | Part No/ref |
|----------------|--|-------|--|------|-----------|------------|------------------------|-----------|------------------------|--|--|---------------------------|
| | min. | max. | min. | max. | | | | | | | | |
| 4.8 (3/16") | 1.63 | 6.86 | 4.9 | 5.1 | 18.2 | 10.1 | 2.1 | 10.5 | 1.9 | 6.44 | 5.11 | 02771-00613 |
| | 1.63 | 11.10 | | | 24.5 | | | 13.5 | | | | 02771-00617 |
| 6.4 (1/4") | 2.03 | 9.53 | 6.6 | 7.0 | 23.7 | 13.4 | 2.9 | 12.2 | 2.7 | 11.78 | 10.45 | 02771-00817 |
| | 2.03 | 15.87 | | | 33.0 | | | 16.4 | | | | 02771-00824 |
| 10.0 (3/8") | 3.04 | 15.87 | 9.95 | 10.4 | 36.2 | 20.3 | 4.1 | 22.3 | 4.0 | 26.37 | 16.50 | 02771-01228 ²⁾ |

all dimensions in mm / en millimètres / alle Maße in mm / in millimetri / en milímetros

1) typical values / valeurs moyennes / typische Werte / Valori tipici / valores típicos

2) Deutsches Institut für Bautechnik (DIBt, German Authority in Civil Engineering) Approval No. Z-14.1-4 Attachment 2-24

Note:

External stem locking feature requires special nose piece. / Le verrouillage extérieur de la tige nécessite d'un nez spécial. / Die Restdornverriegelung erfordert ein spezielles Mundstück. / Funzione di bloccaggio esterno del gambo richiede particolare nasello. / El bloqueo mecánico del vástago requiere de una boquilla especial.