

Conical coupler

KV186



**Application**  
Tension and current-proofed connection for Cu, Bronze, Steel and Cu-Steel cables

**Characteristics**  
Service load min. 3 kN / max. 25 kN  
Breaking load of corpus min. 80 kN

**Material**  
Corpus CuNiSi / Collet AIBz resp. stainless steel

**Legend**  
1) Colour code

| Article-Nr. |  |  |  |  |  |  |  |  |  |
|-------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--|--|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 615.005.105 | S120                                                                              | 14                                                                                | 120                                                                               |                                                                                   |                                                                                   |  |  | 0.78                                                                                |                                                                                     |
| 615.215.000 | S120                                                                              | 14.5                                                                              | 120                                                                               |                                                                                   |                                                                                   |  |  | 0.78                                                                                | 1                                                                                   |
| 615.222.000 | S120                                                                              | 14.5                                                                              | 120                                                                               |                                                                                   |                                                                                   |  |  | 0.78                                                                                |                                                                                     |
| 615.216.000 | S128                                                                              | 14.5                                                                              | 128                                                                               |                                                                                   |                                                                                   |  |  | 0.78                                                                                | 1                                                                                   |
| 615.006.106 | S150                                                                              | 15.75                                                                             | 150                                                                               |                                                                                   |                                                                                   |  |  | 0.76                                                                                |                                                                                     |
| 615.230.000 | FD120                                                                             |                                                                                   |                                                                                   | 13.2                                                                              | 120                                                                               |  |  | 0.8                                                                                 |                                                                                     |

Technical Specifications: **KV186**

|                          |             |             |             |             |
|--------------------------|-------------|-------------|-------------|-------------|
|                          | 615.005.105 | 615.215.000 | 615.222.000 | 615.216.000 |
| Rail product name        | S120        |             |             | S128        |
| Catenary wire diameter   | 14 mm       | 14.5 mm     |             |             |
| Catenary wire section    | 120 mm²     |             |             | 128 mm²     |
| Contact wire diameter    |             |             |             |             |
| Contact wire section     |             |             |             |             |
| Commercial specification |             |             |             |             |
| Customs number           | 85359000    |             |             |             |
| country of origin        | CH          |             |             |             |
| Logistic specification   |             |             |             |             |
| Kilo / piece             | 0.78 kg     |             |             |             |

|                          |                     |                     |
|--------------------------|---------------------|---------------------|
|                          | 615.006.106         | 615.230.000         |
| Rail product name        | S150                | FD120               |
| Catenary wire diameter   | 15.75 mm            |                     |
| Catenary wire section    | 150 mm <sup>2</sup> |                     |
| Contact wire diameter    |                     | 13.2 mm             |
| Contact wire section     |                     | 120 mm <sup>2</sup> |
| Commercial specification |                     |                     |
| Customs number           | 85359000            |                     |
| country of origin        | CH                  | undefined           |
| Logistic specification   |                     |                     |
| Kilo / piece             | 0.76 kg             | 0.8 kg              |

