

PROJECTION WELD NUT M10

AIR-COOLED

Item number example for a complete electrode



for sheet hole diameter > 12.0 mm



Change electrode SW 30 > 1111-ZK-10176



Centring pin long, Cerazur > 8228-ZK-10089



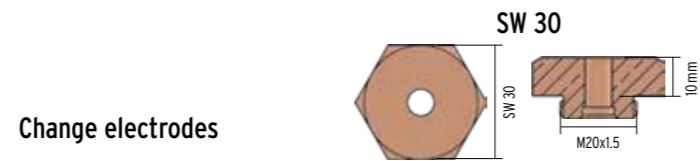
Spring for BE up to 40 mm > 1112-ZK-12207



Base electrode standard \varnothing 28, 40 mm length > 1111-ZK-10518



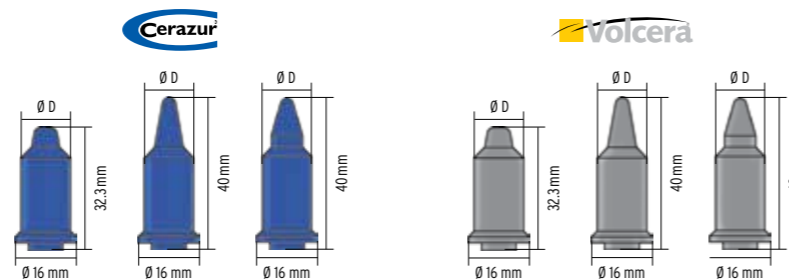
O-ring > 1123-ZK-16436



Change electrodes

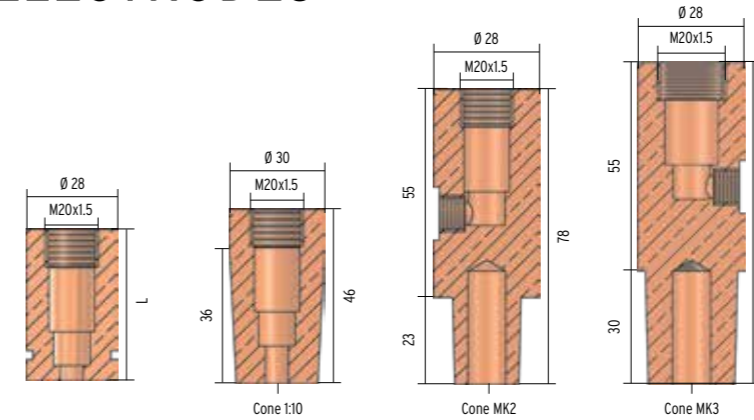
| Item No. | SW 30 | | SW 30 | | SW 30 | |
|----------|----------|------|----------|------|----------|--|
| | 1111-ZK- | | 1111-ZK- | | 1111-ZK- | |
| 11.0 | 10166 | 11.9 | 10175 | 12.8 | 10184 | |
| 11.1 | 10167 | 12.0 | 10176 | 12.9 | 10185 | |
| 11.2 | 10168 | 12.1 | 10177 | 13.0 | 10186 | |
| 11.3 | 10169 | 12.2 | 10178 | 13.1 | 10187 | |
| 11.4 | 10170 | 12.3 | 10179 | 13.2 | 10188 | |
| 11.5 | 10171 | 12.4 | 10180 | 13.3 | 10189 | |
| 11.6 | 10172 | 12.5 | 10181 | 13.4 | 10190 | |
| 11.7 | 10173 | 12.6 | 10182 | 13.5 | 10191 | |
| 11.8 | 10174 | 12.7 | 10183 | - | - | |

Centring pins

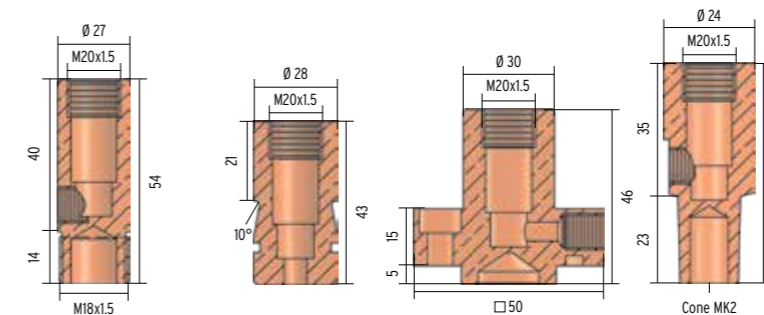


| Item No. | Short | | | Long | | | With collar | | |
|----------|----------|----------|----------|----------|----------|----------|-------------|----------|----------|
| | 8228-ZK- | 8228-ZK- | 8228-ZK- | 8440-ZK- | 8440-ZK- | 8440-ZK- | 8440-ZK- | 8440-ZK- | 8440-ZK- |
| 11.0 | 11079 | 10079 | 10379 | 11.0 | 11079 | 10079 | 10379 | 11.0 | 11079 |
| 11.1 | 11080 | 10080 | 10380 | 11.1 | 11080 | 10080 | 10380 | 11.1 | 11080 |
| 11.2 | 11081 | 10081 | 10381 | 11.2 | 11081 | 10081 | 10381 | 11.2 | 11081 |
| 11.3 | 11082 | 10082 | 10382 | 11.3 | 11082 | 10082 | 10382 | 11.3 | 11082 |
| 11.4 | 11083 | 10083 | 10383 | 11.4 | 11083 | 10083 | 10383 | 11.4 | 11083 |
| 11.5 | 11084 | 10084 | 10384 | 11.5 | 11084 | 10084 | 10384 | 11.5 | 11084 |
| 11.6 | 11085 | 10085 | 10385 | 11.6 | 11085 | 10085 | 10385 | 11.6 | 11085 |
| 11.7 | 11086 | 10086 | 10386 | 11.7 | 11086 | 10086 | 10386 | 11.7 | 11086 |
| 11.8 | 11087 | 10087 | 10387 | 11.8 | 11087 | 10087 | 10387 | 11.8 | 11087 |
| 11.9 | 11088 | 10088 | 10388 | 11.9 | 11088 | 10088 | 10388 | 11.9 | 11088 |
| 12.0 | 11089 | 10089 | 10389 | 12.0 | 11089 | 10089 | 10389 | 12.0 | 11089 |
| 12.1 | 11090 | 10090 | 10390 | 12.1 | 11090 | 10090 | 10390 | 12.1 | 11090 |
| 12.2 | 11091 | 10091 | 10391 | 12.2 | 11091 | 10091 | 10391 | 12.2 | 11091 |
| 12.3 | 11092 | 10092 | 10392 | 12.3 | 11092 | 10092 | 10392 | 12.3 | 11092 |
| 12.4 | 11093 | 10093 | 10393 | 12.4 | 11093 | 10093 | 10393 | 12.4 | 11093 |
| 12.5 | 11094 | 10094 | 10394 | 12.5 | 11094 | 10094 | 10394 | 12.5 | 11094 |
| 12.6 | 11095 | 10095 | 10395 | 12.6 | 11095 | 10095 | 10395 | 12.6 | 11095 |
| 12.7 | 11096 | 10096 | 10396 | 12.7 | 11096 | 10096 | 10396 | 12.7 | 11096 |
| 12.8 | 11097 | 10097 | 10397 | 12.8 | 11097 | 10097 | 10397 | 12.8 | 11097 |
| 12.9 | 11098 | 10098 | 10398 | 12.9 | 11098 | 10098 | 10398 | 12.9 | 11098 |
| 13.0 | 11099 | 10099 | 10399 | 13.0 | 11099 | 10099 | 10399 | 13.0 | 11099 |

BASE ELECTRODES



| Length (L in mm) | Standard \varnothing 28 | | Cone 1:10 | | Cone MK2 | | Cone MK3 | |
|------------------|---------------------------|----------|-----------|----------|----------|----------|----------|----------|
| | Item No. | 1111-ZK- | 1111-ZK- | 1111-ZK- | 1111-ZK- | 1111-ZK- | 1111-ZK- | 1111-ZK- |
| 40 | | 10518 | - | - | - | - | - | - |
| 50 | | 10519 | - | - | - | - | - | - |
| 60 | | 10520 | - | - | - | - | - | - |
| | | - | 10583 | 10544 | 10545 | | | |



| Item No. | Thread M18x1.5 | | S-type | | R-type | | T-type | |
|----------|----------------|----------|----------|----------|----------|----------|----------|----------|
| | 1111-ZK- | 1111-ZK- | 1111-ZK- | 1111-ZK- | 1111-ZK- | 1111-ZK- | 1111-ZK- | 1111-ZK- |
| | 10563 | 10683 | 10619 | 10644 | | | | |

Accessories for base electrodes

Springs

For base electrodes from 40 mm

| Spring M10 | | |
|------------|----------|----------|
| Length | Item No. | 1112-ZK- |
| 40 mm | | 12207 |

O-rings

| O-rings M10 | | |
|--------------------|----------|----------|
| \varnothing (mm) | Item No. | 1123-ZK- |
| 28 | | 16436 |
| S-type | | 16436 |

Compressed air connector

| Compressed air connector 1/8-6 | | |
|--------------------------------|----------|--|
| Item No. | 1116-ZK- | |
| | 12353 | |



Extremely durable



Extremely temperature-stable



Perfect welding results