

# Remaches



**STIASA**  
Suministros Industriales del Tajo, S.A.

# BLIND RIVET STANDARD REMACHE ESTANDAR

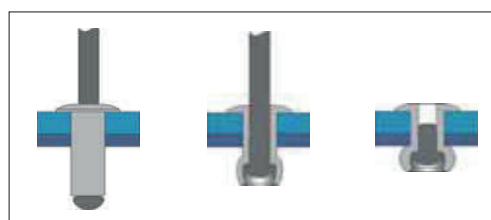
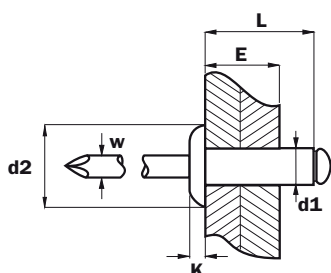
UNE - EN ISO 15977



| English                                  | Español                               | Français                          | Deutsch                              | Portugues                         |
|--|---------------------------------------|-----------------------------------|--------------------------------------|-----------------------------------|
| Dome head                                | Cabeza alomada                        | Tête plate                        | Flachrundkopf                        | Cabeça boleada                    |
| Body: Aluminium *<br>3,5% Mg             | Cuerpo: Aluminio *<br>3,5% Mg         | Corps: Aluminium *<br>3,5% Mg     | Hülse: Aluminium *<br>3,5% Mg        | Corpo: Aluminio *<br>3,5% Mg      |
| Mandrel: Steel **<br>zincplated 3 µ mín. | Vástago: Acero **<br>cincado 3 µ mín. | Clou: Acier **<br>zingué 3 µ mín. | Dorn: Stahl, **<br>verzinkt 3 µ mín. | Prego: Aço **<br>zincado 3 µ mín. |

\* Al Mg 3,5 EN AW 5154

\*\* Steel /acero DIN EN 10016-2 SAE 1010-1020-1030-1040



| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | E<br>m/m    |      | d2<br>Ø<br>m/m | K<br>m/m | W<br>m/m | (N)  | (N)         | Part No/Ref. |
|----------------|---------------------|-------------|------|----------------|----------|----------|------|-------------|--------------|
| <b>2,4</b>     | 4                   | 0,5 - 2,0   | 2,50 | 5,00           | 0,55     | 1,45     | 400  | 500         | 01010002404  |
|                | 6                   | 2,0 - 4,0   |      |                |          |          |      |             | 01010002406  |
|                | 8                   | 4,0 - 6,0   |      |                |          |          |      |             | 01010002408  |
|                | 10                  | 6,0 - 8,0   |      |                |          |          |      |             | 01010002410  |
| <b>3,0</b>     | 5                   | 0,5 - 2,5   | 3,10 | 6,50           | 0,80     | 1,80     | 750  | 850         | 01010003005  |
|                | 6                   | 1,0 - 3,5   |      |                |          |          |      |             | 01010003006  |
|                | 7                   | 1,5 - 4,5   |      |                |          |          |      |             | 01010003007  |
|                | 8                   | 3,5 - 5,0   |      |                |          |          |      |             | 01010003008  |
|                | 10                  | 4,5 - 7,0   |      |                |          |          |      |             | 01010003010  |
|                | 12                  | 7,0 - 9,0   |      |                |          |          |      |             | 01010003012  |
|                | 14                  | 9,0 - 11,0  |      |                |          |          |      |             | 01010003014  |
|                | 16                  | 11,0 - 13,0 |      |                |          |          |      |             | 01010003016  |
| 18             | 13,0 - 15,0         |             |      |                |          |          |      | 01010003018 |              |
| <b>3,2</b>     | 4                   | 0,5 - 1,5   | 3,30 | 6,50           | 0,80     | 1,80     | 880  | 1150        | 01010003204  |
|                | 5                   | 0,5 - 2,5   |      |                |          |          |      |             | 01010003205  |
|                | 6                   | 1,5 - 3,5   |      |                |          |          |      |             | 01010003206  |
|                | 8                   | 3,5 - 5,0   |      |                |          |          |      |             | 01010003208  |
|                | 10                  | 5,0 - 7,0   |      |                |          |          |      |             | 01010003210  |
|                | 12                  | 7,0 - 9,0   |      |                |          |          |      |             | 01010003212  |
|                | 15                  | 9,0 - 12,0  |      |                |          |          |      |             | 01010003215  |
|                | 18                  | 12,0 - 15,0 |      |                |          |          |      |             | 01010003218  |
|                | 20                  | 15,0 - 17,0 |      |                |          |          |      |             | 01010003220  |
|                | 5                   | 0,5 - 2,5   | 4,10 | 8,00           | 1,00     | 2,20     | 1250 | 1800        | 01010004005  |
|                | 6                   | 1,5 - 3,5   |      |                |          |          |      |             | 01010004006  |
|                | 7                   | 3,0 - 4,5   |      |                |          |          |      |             | 01010004007  |
|                | 8                   | 3,0 - 5,0   |      |                |          |          |      |             | 01010004008  |
|                | 10                  | 5,0 - 6,5   |      |                |          |          |      |             | 01010004010  |
|                | 12                  | 6,5 - 8,5   |      |                |          |          |      |             | 01010004012  |
|                | 14                  | 8,5 - 10,5  |      |                |          |          |      |             | 01010004014  |
| 16             | 10,5 - 12,5         |             |      |                |          |          |      | 01010004016 |              |
| 18             | 12,5 - 14,5         |             |      |                |          |          |      | 01010004018 |              |
| 20             | 14,5 - 16,5         |             |      |                |          |          |      | 01010004020 |              |
| 25             | 16,5 - 21,5         |             |      |                |          |          |      | 01010004025 |              |
| 30             | 21,5 - 26,0         |             |      |                |          |          |      | 01010004030 |              |

# BLIND RIVET STANDARD

## REMACHE ESTANDAR

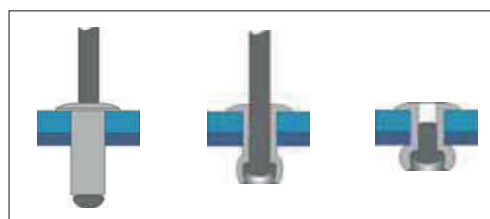
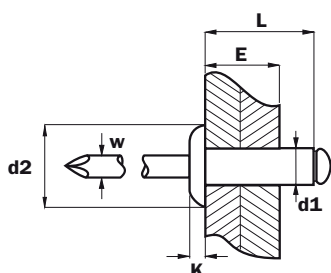
UNE - EN ISO 15977



| English                                  | Español                               | Français                          | Deutsch                              | Portugues                         |
|--|---------------------------------------|-----------------------------------|--------------------------------------|-----------------------------------|
| Dome head                                | Cabeza alomada                        | Tête plate                        | Flachrundkopf                        | Cabeça boleada                    |
| Body: Aluminium *<br>3,5% Mg             | Cuerpo: Aluminio *<br>3,5% Mg         | Corps: Aluminium *<br>3,5% Mg     | Hülse: Aluminium *<br>3,5% Mg        | Corpo: Aluminio *<br>3,5% Mg      |
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\* Al Mg 3,5 EN AW 5154

\*\* Steel /acero DIN EN 10016-2 SAE 1010-1020-1030-1040



| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | E<br>m/m    |      | d2<br>Ø<br>m/m | K<br>m/m | W<br>m/m | (N)  | (N)         | Part No./Ref. |
|----------------|---------------------|-------------|------|----------------|----------|----------|------|-------------|---------------|
| <b>4,8</b>     | <b>6</b>            | 0,5 - 3,0   | 4,90 | 9,50           | 1,10     | 2,65     | 1850 | 2800        | 01010004806   |
|                | <b>8</b>            | 3,0 - 4,5   |      |                |          |          |      |             | 01010004808   |
|                | <b>10</b>           | 4,5 - 6,0   |      |                |          |          |      |             | 01010004810   |
|                | <b>12</b>           | 6,0 - 8,0   |      |                |          |          |      |             | 01010004812   |
|                | <b>14</b>           | 8,0 - 10,0  |      |                |          |          |      |             | 01010004814   |
|                | <b>16</b>           | 10,0 - 12,0 |      |                |          |          |      |             | 01010004816   |
|                | <b>18</b>           | 12,0 - 14,0 |      |                |          |          |      |             | 01010004818   |
|                | <b>21</b>           | 14,0 - 17,0 |      |                |          |          |      |             | 01010004821   |
|                | <b>24</b>           | 17,0 - 20,0 |      |                |          |          |      |             | 01010004824   |
|                | <b>27</b>           | 20,0 - 23,0 |      |                |          |          |      |             | 01010004827   |
|                | <b>30</b>           | 23,0 - 25,0 |      |                |          |          |      |             | 01010004830   |
|                | <b>32</b>           | 25,0 - 27,0 |      |                |          |          |      |             | 01010004832   |
|                | <b>35</b>           | 27,0 - 30,0 |      |                |          |          |      |             | 01010004835   |
|                | <b>40</b>           | 30,0 - 35,0 |      |                |          |          |      |             | 01010004840   |
| <b>45</b>      | 35,0 - 40,0         |             |      |                |          |          |      | 01010004845 |               |
| <b>50</b>      | 40,0 - 45,0         |             |      |                |          |          |      | 01010004850 |               |
| <b>5,0</b>     | <b>6</b>            | 0,5 - 3,0   | 5,10 | 9,50           | 1,10     | 2,65     | 2250 | 3000        | 01010005006   |
|                | <b>8</b>            | 3,0 - 4,5   |      |                |          |          |      |             | 01010005008   |
|                | <b>10</b>           | 4,5 - 6,0   |      |                |          |          |      |             | 01010005010   |
|                | <b>12</b>           | 6,0 - 8,0   |      |                |          |          |      |             | 01010005012   |
|                | <b>14</b>           | 8,0 - 10,0  |      |                |          |          |      |             | 01010005014   |
|                | <b>16</b>           | 10,0 - 12,0 |      |                |          |          |      |             | 01010005016   |
|                | <b>18</b>           | 12,0 - 14,0 |      |                |          |          |      |             | 01010005018   |
|                | <b>20</b>           | 14,0 - 16,0 |      |                |          |          |      |             | 01010005020   |
|                | <b>25</b>           | 16,0 - 21,0 |      |                |          |          |      |             | 01010005025   |
|                | <b>30</b>           | 21,0 - 25,0 |      |                |          |          |      |             | 01010005030   |
|                | <b>35</b>           | 25,0 - 30,0 |      |                |          |          |      |             | 01010005035   |
|                | <b>40</b>           | 30,0 - 35,0 |      |                |          |          |      |             | 01010005040   |
|                | <b>45</b>           | 35,0 - 40,0 |      |                |          |          |      |             | 01010005045   |
|                | <b>50</b>           | 40,0 - 45,0 |      |                |          |          |      |             | 01010005050   |

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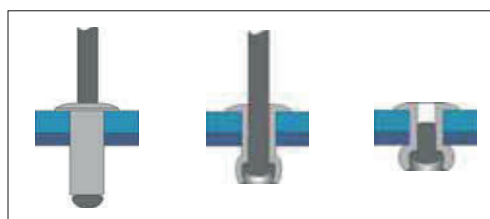
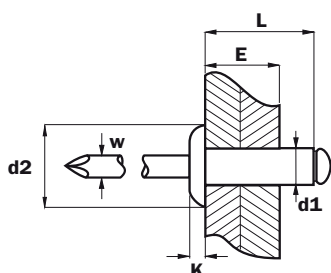
## REMACHE ESTANDAR

UNE - EN ISO 15977



| English                                  | Español                               | Français                          | Deutsch                              | Portugues                         |
|--|---------------------------------------|-----------------------------------|--------------------------------------|-----------------------------------|
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| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | E<br>m/m    |      | d2<br>Ø<br>m/m | K<br>m/m | W<br>m/m | (N)  | (N)  | Part No/Ref. |
|----------------|---------------------|-------------|------|----------------|----------|----------|------|------|--------------|
| <b>6,0</b>     | <b>8</b>            | 2,0 - 4,0   | 6,10 | 12,0           | 1,50     | 3,20     | 2500 | 3900 | 01010006008  |
|                | <b>10</b>           | 4,0 - 6,0   |      |                |          |          |      |      | 01010006010  |
|                | <b>12</b>           | 6,0 - 8,0   |      |                |          |          |      |      | 01010006012  |
|                | <b>14</b>           | 8,0 - 10,0  |      |                |          |          |      |      | 01010006014  |
|                | <b>16</b>           | 10,0 - 11,0 |      |                |          |          |      |      | 01010006016  |
|                | <b>18</b>           | 11,0 - 13,0 |      |                |          |          |      |      | 01010006018  |
|                | <b>20</b>           | 13,0 - 15,0 |      |                |          |          |      |      | 01010006020  |
|                | <b>25</b>           | 15,0 - 20,0 |      |                |          |          |      |      | 01010006025  |
|                | <b>30</b>           | 20,0 - 24,0 |      |                |          |          |      |      | G1010006030  |
|                | <b>35</b>           | 24,0 - 29,0 |      |                |          |          |      |      | G1010006035  |
| <b>6,4</b>     | <b>12</b>           | 2,0 - 6,0   | 6,50 | 13,0           | 1,80     | 3,60     | 3000 | 5000 | 01010006412  |
|                | <b>15</b>           | 6,0 - 9,0   |      |                |          |          |      |      | 01010006415  |
|                | <b>18</b>           | 9,0 - 12,0  |      |                |          |          |      |      | 01010006418  |
|                | <b>22</b>           | 12,0 - 16,0 |      |                |          |          |      |      | 01010006422  |
|                | <b>26</b>           | 16,0 - 20,0 |      |                |          |          |      |      | 01010006426  |
|                | <b>30</b>           | 20,0 - 24,0 |      |                |          |          |      |      | 01010006430  |
|                | <b>35</b>           | 24,0 - 29,0 |      |                |          |          |      |      | 01010006435  |
|                | <b>50</b>           | 29,0 - 42,0 |      |                |          |          |      |      | 01010006450  |
| <b>7,8</b>     | <b>15</b>           | 6,0 - 9,0   | 8,00 | 14,0           | 2,00     | 3,60     | 6000 | 6500 | G1010007815  |
|                | <b>22</b>           | 9,0 - 16,0  |      |                |          |          |      |      | G1010007822  |



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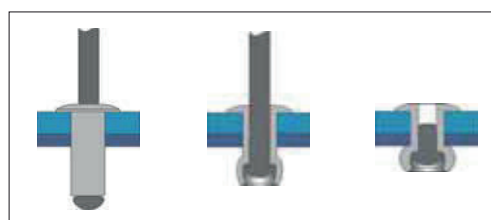
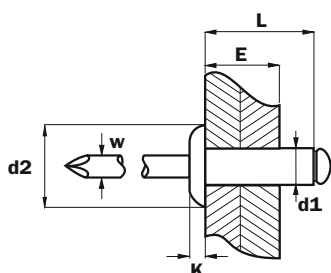
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|--|---------------------------------------|-----------------------------------|--------------------------------------|-----------------------------------|
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| Body: Aluminium *<br>3,5% Mg             | Cuerpo: Aluminio *<br>3,5% Mg         | Corps: Aluminium *<br>3,5% Mg     | Hülse: Aluminium *<br>3,5% Mg        | Corpo: Aluminio *<br>3,5% Mg      |
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| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | E<br>m/m    |      | d2<br>Ø<br>m/m | K<br>m/m | W<br>m/m | (N)  | (N)         | Part No/Ref. |
|----------------|---------------------|-------------|------|----------------|----------|----------|------|-------------|--------------|
| <b>2,4</b>     | 4                   | 0,5 - 2,0   | 2,50 | 5,00           | 0,60     | 1,45     | 400  | 500         | 01010002404  |
|                | 6                   | 2,0 - 4,0   |      |                |          |          |      |             | 01010002406  |
|                | 8                   | 4,0 - 6,0   |      |                |          |          |      |             | 01010002408  |
|                | 10                  | 6,0 - 8,0   |      |                |          |          |      |             | 01010002410  |
| <b>3,0</b>     | 5                   | 0,5 - 2,5   | 3,10 | 6,30           | 0,80     | 1,80     | 850  | 850         | 01010003005  |
|                | 6                   | 2,0 - 3,5   |      |                |          |          |      |             | 01010003006  |
|                | 7                   | 1,5 - 4,5   |      |                |          |          |      |             | 01010003007  |
|                | 8                   | 3,5 - 5,0   |      |                |          |          |      |             | 01010003008  |
|                | 10                  | 5,0 - 7,0   |      |                |          |          |      |             | 01010003010  |
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|                | 6                   | 1,5 - 3,5   |      |                |          |          |      |             | 01010003206  |
|                | 8                   | 3,5 - 5,0   |      |                |          |          |      |             | 01010003208  |
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|                | 15                  | 9,0 - 12,0  |      |                |          |          |      |             | 01010003215  |
|                | 18                  | 12,0 - 15,0 |      |                |          |          |      |             | 01010003218  |
| 20             | 15,0 - 17,0         |             |      |                |          |          |      | 01010003220 |              |
| <b>4,0</b>     | 5                   | 0,5 - 2,5   | 4,10 | 8,00           | 1,00     | 2,20     | 1250 | 1800        | 01010004005  |
|                | 6                   | 1,5 - 3,5   |      |                |          |          |      |             | 01010004006  |
|                | 7                   | 3,0 - 4,5   |      |                |          |          |      |             | 01010004007  |
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|                | 20                  | 14,5 - 16,5 |      |                |          |          |      |             | 01010004020  |
| 25             | 16,5 - 21,5         |             |      |                |          |          |      | 01010004025 |              |
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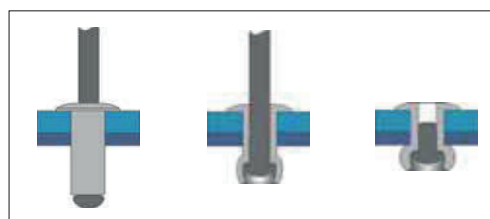
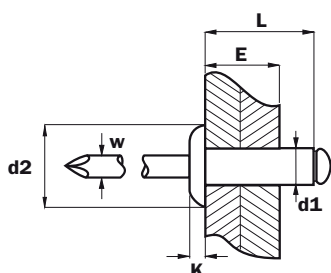
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| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | E<br>m/m    |      | d2<br>Ø<br>m/m | K<br>m/m | W<br>m/m | (N)  | (N)         | Part No./Ref. |
|----------------|---------------------|-------------|------|----------------|----------|----------|------|-------------|---------------|
| <b>4,8</b>     | <b>6</b>            | 0,5 - 3,0   | 4,90 | 9,50           | 1,40     | 2,65     | 1850 | 2800        | 01010004806   |
|                | <b>8</b>            | 3,0 - 4,5   |      |                |          |          |      |             | 01010004808   |
|                | <b>10</b>           | 4,5 - 6,0   |      |                |          |          |      |             | 01010004810   |
|                | <b>12</b>           | 6,0 - 8,0   |      |                |          |          |      |             | 01010004812   |
|                | <b>14</b>           | 8,0 - 10,0  |      |                |          |          |      |             | 01010004814   |
|                | <b>16</b>           | 10,0 - 12,0 |      |                |          |          |      |             | 01010004816   |
|                | <b>18</b>           | 12,0 - 14,0 |      |                |          |          |      |             | 01010004818   |
|                | <b>21</b>           | 14,0 - 17,0 |      |                |          |          |      |             | 01010004821   |
|                | <b>24</b>           | 17,0 - 20,0 |      |                |          |          |      |             | 01010004824   |
|                | <b>27</b>           | 20,0 - 23,0 |      |                |          |          |      |             | 01010004827   |
|                | <b>30</b>           | 23,0 - 25,0 |      |                |          |          |      |             | 01010004830   |
|                | <b>32</b>           | 25,0 - 27,0 |      |                |          |          |      |             | 01010004832   |
|                | <b>35</b>           | 27,0 - 30,0 |      |                |          |          |      |             | 01010004835   |
| <b>40</b>      | 30,0 - 35,0         |             |      |                |          |          |      | 01010004840 |               |
| <b>45</b>      | 35,0 - 40,0         |             |      |                |          |          |      | 01010004845 |               |
| <b>50</b>      | 40,0 - 45,0         |             |      |                |          |          |      | 01010004850 |               |
| <b>5,0</b>     | <b>6</b>            | 0,5 - 3,0   | 5,10 | 9,50           | 1,40     | 2,65     | 2250 | 3000        | 01010005006   |
|                | <b>8</b>            | 3,0 - 4,5   |      |                |          |          |      |             | 01010005008   |
|                | <b>10</b>           | 4,5 - 6,0   |      |                |          |          |      |             | 01010005010   |
|                | <b>12</b>           | 6,0 - 8,0   |      |                |          |          |      |             | 01010005012   |
|                | <b>14</b>           | 8,0 - 10,0  |      |                |          |          |      |             | 01010005014   |
|                | <b>16</b>           | 10,0 - 12,0 |      |                |          |          |      |             | 01010005016   |
|                | <b>18</b>           | 12,0 - 14,0 |      |                |          |          |      |             | 01010005018   |
|                | <b>20</b>           | 14,0 - 16,0 |      |                |          |          |      |             | 01010005020   |
|                | <b>25</b>           | 16,0 - 21,0 |      |                |          |          |      |             | 01010005025   |
|                | <b>30</b>           | 21,0 - 25,0 |      |                |          |          |      |             | 01010005030   |
|                | <b>35</b>           | 25,0 - 30,0 |      |                |          |          |      |             | 01010005035   |
|                | <b>40</b>           | 30,0 - 35,0 |      |                |          |          |      |             | 01010005040   |
|                | <b>45</b>           | 35,0 - 40,0 |      |                |          |          |      |             | 01010005045   |
| <b>50</b>      | 40,0 - 45,0         |             |      |                |          |          |      | 01010005050 |               |

# BLIND RIVET STANDARD

## REMACHE ESTANDAR

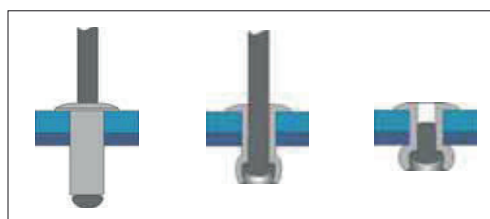
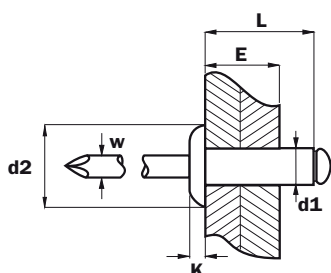
UNE - EN ISO 15977



| English                                  | Español                               | Français                          | Deutsch                              | Portugues                         |
|--|---------------------------------------|-----------------------------------|--------------------------------------|-----------------------------------|
| Dome head                                | Cabeza alomada                        | Tête plate                        | Flachrundkopf                        | Cabeça boleada                    |
| Body: Aluminium *<br>3,5% Mg             | Cuerpo: Aluminio *<br>3,5% Mg         | Corps: Aluminium *<br>3,5% Mg     | Hülse: Aluminium *<br>3,5% Mg        | Corpo: Aluminio *<br>3,5% Mg      |
| Mandrel: Steel **<br>zincplated 3 µ mín. | Vástago: Acero **<br>cincado 3 µ mín. | Clou: Acier **<br>zingué 3 µ mín. | Dorn: Stahl, **<br>verzinkt 3 µ mín. | Prego: Aço **<br>zincado 3 µ mín. |

\* Al Mg 3,5 EN AW 5154

\*\* Steel /acero DIN EN 10016-2 SAE 1010-1020-1030-1040



| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | E<br>m/m    |      | d2<br>Ø<br>m/m | K<br>m/m | W<br>m/m | (N)  | (N)  | Part No/Ref. |
|----------------|---------------------|-------------|------|----------------|----------|----------|------|------|--------------|
| <b>6,0</b>     | <b>8</b>            | 2,0 - 3,0   | 6,10 | 12,0           | 1,50     | 3,20     | 2500 | 3900 | 01010006008  |
|                | <b>10</b>           | 3,0 - 5,0   |      |                |          |          |      |      | 01010006010  |
|                | <b>12</b>           | 5,0 - 7,0   |      |                |          |          |      |      | 01010006012  |
|                | <b>14</b>           | 7,0 - 9,0   |      |                |          |          |      |      | 01010006014  |
|                | <b>16</b>           | 9,0 - 11,0  |      |                |          |          |      |      | 01010006016  |
|                | <b>18</b>           | 11,0 - 13,0 |      |                |          |          |      |      | 01010006018  |
|                | <b>20</b>           | 13,0 - 15,0 |      |                |          |          |      |      | 01010006020  |
|                | <b>25</b>           | 15,0 - 20,0 |      |                |          |          |      |      | 01010006025  |
|                | <b>30</b>           | 20,0 - 25,0 |      |                |          |          |      |      | 01010006030  |
|                | <b>35</b>           | 25,0 - 30,0 |      |                |          |          |      |      | 01010006035  |
| <b>6,4</b>     | <b>12</b>           | 3,0 - 6,0   | 6,50 | 12,5           | 1,80     | 3,60     | 3000 | 5000 | 01010006412  |
|                | <b>15</b>           | 6,0 - 9,0   |      |                |          |          |      |      | 01010006415  |
|                | <b>18</b>           | 9,0 - 12,0  |      |                |          |          |      |      | 01010006418  |
|                | <b>22</b>           | 12,0 - 16,0 |      |                |          |          |      |      | 01010006422  |
|                | <b>26</b>           | 16,0 - 20,0 |      |                |          |          |      |      | 01010006426  |
|                | <b>30</b>           | 20,0 - 24,0 |      |                |          |          |      |      | 01010006430  |
|                | <b>35</b>           | 24,0 - 29,0 |      |                |          |          |      |      | 01010006435  |
|                | <b>50</b>           | 29,0 - 42,0 |      |                |          |          |      |      | 01010006450  |
| <b>7,8</b>     | <b>15</b>           | 6,0 - 9,0   | 7,90 | 14,0           | 2,00     | 3,60     | 6000 | 6500 | G1010007815  |
|                | <b>22</b>           | 9,0 - 16,0  |      |                |          |          |      |      | G1010007822  |

# BLIND RIVET STANDARD TUBE

## REMACHE ESTANDAR TUBO

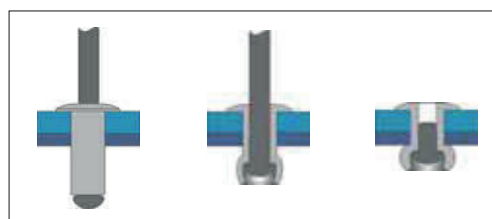
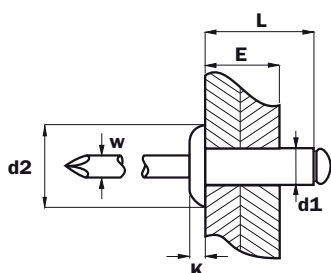
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





| English                                  | Español                               | Français                          | Deutsch                              | Portugues                         |
|--|---------------------------------------|-----------------------------------|--------------------------------------|-----------------------------------|
| Dome head                                | Cabeza alomada                        | Tête plate                        | Flachrundkopf                        | Cabeça boleada                    |
| Body: Aluminium *<br>3,5% Mg             | Cuerpo: Aluminio *<br>3,5% Mg         | Corps: Aluminium *<br>3,5% Mg     | Hülse: Aluminium *<br>3,5% Mg        | Corpo: Aluminio *<br>3,5% Mg      |
| Mandrel: Steel **<br>zincplated 3 µ mín. | Vástago: Acero **<br>cincado 3 µ mín. | Clou: Acier **<br>zingué 3 µ mín. | Dorn: Stahl, **<br>verzinkt 3 µ mín. | Prego: Aço **<br>zincado 3 µ mín. |

\* Al Mg 3,5 EN AW 5154

\*\* Steel /acero DIN EN 10016-2 SAE 1010-1020-1030-1040



| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | <br>E<br>m/m |  | d2<br>Ø<br>m/m | K<br>m/m | W<br>m/m |  (N) |  (N) | Part No/Ref. |
|----------------|---------------------|--|---|----------------|----------|----------|---|--|--------------|
| <b>4,0</b>     | <b>35</b>           | 26,0 - 31,5  | 4,10  | 7,60           | 1,20     | 2,10     | 800   | 980  | 01050004035  |
|                | <b>40</b>           | 31,5 - 36,5  |   |                |          |          |   |  | 01050004040  |
| <b>5,0</b>     | <b>40</b>           | 30,0 - 35,0  | 5,10  | 9,30           | 1,50     | 2,73     | 2000  | 2750   | G1050005040  |
|                | <b>45</b>           | 35,0 - 40,0  |   |                |          |          |   |  | G1050005045  |
|                | <b>50</b>           | 40,0 - 45,0  |   |                |          |          |   |  | G1050005050  |
|                | <b>55</b>           | 45,0 - 50,0  |   |                |          |          |   |  | G1050005055  |
|                | <b>60</b>           | 50,0 - 55,0  |   |                |          |          |   |  | G1050005060  |
|                | <b>65</b>           | 55,0 - 60,0  |   |                |          |          |   |  | G1050005065  |
|                | <b>70</b>           | 60,0 - 65,0  |   |                |          |          |   |  | G1050005070  |
|                | <b>75</b>           | 65,0 - 70,0  |   |                |          |          |   |  | G1050005075  |
|                | <b>80</b>           | 70,0 - 75,0  |   |                |          |          |   |  | G1050005080  |
|                | <b>85</b>           | 75,0 - 80,0  |   |                |          |          |   |  | G1050005085  |
|                | <b>90</b>           | 75,0 - 85,0  |   |                |          |          |   |  | G1050005090  |
|                | <b>100</b>          | 85,0 - 95,0  |   |                |          |          |   |  | G10500050100 |
|                | <b>110</b>          | 95,0 - 105,0   |   |                |          |          |   |  | G10500050110 |
|                | <b>120</b>          | 105,0 - 115,0  |   |                |          |          |   |  | G10500050120 |
|                | <b>130</b>          | 115,0 - 125,0  |   |                |          |          |   |  | G10500050130 |
| <b>140</b>     | 125,0 - 135,0       |  |   |                |          |          |   | G10500050140   |              |
| <b>150</b>     | 135,0 - 145,0       |  |   |                |          |          |   | G10500050150   |              |
| <b>160</b>     | 145,0 - 155,0       |  |   |                |          |          |   | G10500050160   |              |
| <b>170</b>     | 155,0 - 165,0       |  |   |                |          |          |   | G10500050170   |              |
| <b>180</b>     | 165,0 - 175,0       |  |   |                |          |          |   | G10500050180   |              |
| <b>190</b>     | 175,0 - 185,0       |  |   |                |          |          |   | G10500050190   |              |
| <b>6,4</b>     | <b>80</b>           | 42,0 - 73,0  | 6,50  | 13,00          | 2,00     | 3,60     | 2450  | 3400   | G1050006480  |
|                | <b>100</b>          | 73,0 - 93,0  |   |                |          |          |   |  | G10500064100 |
|                | <b>120</b>          | 93,0 - 113,0   |   |                |          |          |   |  | G10500064120 |
|                | <b>150</b>          | 113,0 - 143,0  |   |                |          |          |   |  | G10500064150 |
|                | <b>175</b>          | 143,0 - 168,0  |   |                |          |          |   |  | G10500064175 |

# BLIND RIVET STANDARD

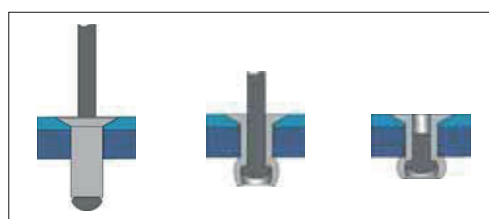
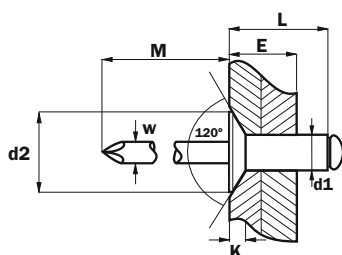
## REMACHE ESTANDAR

UNE - EN ISO 15978



| English                                  | Español                               | Français                          | Deutsch                              | Portugues                         |
|--|---------------------------------------|-----------------------------------|--------------------------------------|-----------------------------------|
| Countersunk head 120°                    | Cabeza avellanada 120°                | Tête fraisee 120°                 | Senkkopf 120°                        | Cabeça embeber 120°               |
| Body: Aluminium *<br>3,5% Mg             | Cuerpo: Aluminio *<br>3,5% Mg         | Corps: Aluminium *<br>3,5% Mg     | Hülse: Aluminium *<br>3,5% Mg        | Corpo: Aluminio *<br>3,5% Mg      |
| Mandrel: Steel **<br>zincplated 3 µ mín. | Vástago: Acero **<br>cincado 3 µ mín. | Clou: Acier **<br>zingué 3 µ mín. | Dorn: Stahl, **<br>verzinkt 3 µ mín. | Prego: Aço **<br>zincado 3 µ mín. |

\* Al Mg 3,5 EN AW 5154  
\*\* Steel /acero DIN EN 10016-2 SAE 1010-1020-1030-1040



| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | E<br>m/m    |      | d2<br>Ø<br>m/m | K<br>m/m | W<br>m/m | (N)  | (N)  | Part No./Ref. |
|----------------|---------------------|-------------|------|----------------|----------|----------|------|------|---------------|
| <b>2,4</b>     | 6                   | 1,0 - 4,0   | 2,50 | 4,50           | 0,80     | 1,45     | 400  | 500  | 01020002406   |
|                | 8                   | 4,0 - 6,0   |      |                |          |          |      |      | 01020002408   |
|                | 10                  | 6,0 - 8,0   |      |                |          |          |      |      | 01020002410   |
| <b>3,0</b>     | 6                   | 1,5 - 3,5   | 3,10 | 6,00           | 0,90     | 1,80     | 750  | 850  | 01020003006   |
|                | 8                   | 3,5 - 5,5   |      |                |          |          |      |      | 01020003008   |
|                | 10                  | 5,5 - 7,0   |      |                |          |          |      |      | 01020003010   |
|                | 12                  | 7,0 - 9,0   |      |                |          |          |      |      | 01020003012   |
|                | 14                  | 9,0 - 11,0  |      |                |          |          |      |      | 01020003014   |
|                | 16                  | 11,0 - 13,0 |      |                |          |          |      |      | 01020003016   |
| <b>3,2</b>     | 6                   | 1,5 - 3,5   | 3,30 | 6,00           | 0,90     | 1,80     | 880  | 1150 | 01020003206   |
|                | 8                   | 3,5 - 5,5   |      |                |          |          |      |      | 01020003208   |
|                | 10                  | 5,5 - 7,0   |      |                |          |          |      |      | 01020003210   |
|                | 12                  | 7,0 - 9,0   |      |                |          |          |      |      | 01020003212   |
|                | 15                  | 9,0 - 11,0  |      |                |          |          |      |      | 01020003215   |
|                | 18                  | 11,0 - 13,0 |      |                |          |          |      |      | 01020003218   |
| <b>4,0</b>     | 6                   | 1,5 - 3,0   | 4,10 | 7,50           | 1,00     | 2,20     | 1300 | 1960 | 01020004006   |
|                | 8                   | 3,0 - 5,0   |      |                |          |          |      |      | 01020004008   |
|                | 10                  | 5,0 - 6,5   |      |                |          |          |      |      | 01020004010   |
|                | 12                  | 6,5 - 8,5   |      |                |          |          |      |      | 01020004012   |
|                | 14                  | 8,5 - 10,5  |      |                |          |          |      |      | 01020004014   |
|                | 16                  | 10,5 - 12,5 |      |                |          |          |      |      | 01020004016   |
|                | 18                  | 12,5 - 14,5 |      |                |          |          |      |      | 01020004018   |
|                | 20                  | 14,5 - 16,5 |      |                |          |          |      |      | 01020004020   |

# BLIND RIVET STANDARD

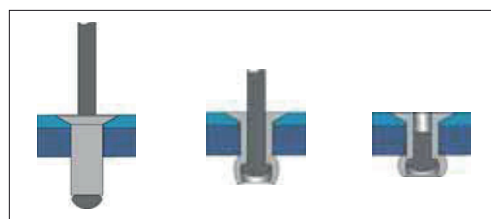
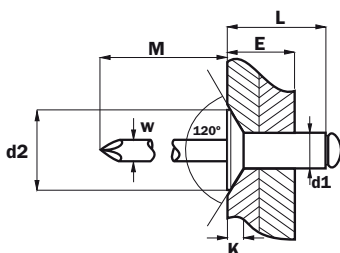
## REMACHE ESTANDAR

UNE - EN ISO 15978



| English                                  | Español                               | Français                          | Deutsch                              | Portugues                         |
|--|---------------------------------------|-----------------------------------|--------------------------------------|-----------------------------------|
| Countersunk head 120°                    | Cabeza avellanada 120°                | Tête fraisee 120°                 | Senkkopf 120°                        | Cabeça embeber                    |
| Body: Aluminium *<br>3,5% Mg             | Cuerpo: Aluminio *<br>3,5% Mg         | Corps: Aluminium *<br>3,5% Mg     | Hülse: Aluminium *<br>3,5% Mg        | Corpo: Aluminio *<br>3,5% Mg      |
| Mandrel: Steel **<br>zincplated 3 µ mín. | Vástago: Acero **<br>cincado 3 µ mín. | Clou: Acier **<br>zingué 3 µ mín. | Dorn: Stahl, **<br>verzinkt 3 µ mín. | Prego: Aço **<br>zincado 3 µ mín. |

\* Al Mg 3,5 EN AW 5154  
\*\* Steel /acero DIN EN 10016-2 SAE 1010-1020-1030-1040



| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | E<br>m/m    |      | d2<br>Ø<br>m/m | K<br>m/m | W<br>m/m | (N)  | (N)         | Part No./Ref. |
|----------------|---------------------|-------------|------|----------------|----------|----------|------|-------------|---------------|
| <b>4,8</b>     | <b>6</b>            | 0,5 - 3,0   | 4,90 | 9,50           | 1,20     | 2,65     | 1870 | 2790        | 01020004806   |
|                | <b>8</b>            | 3,0 - 4,5   |      |                |          |          |      |             | 01020004808   |
|                | <b>10</b>           | 4,5 - 6,0   |      |                |          |          |      |             | 01020004810   |
|                | <b>12</b>           | 6,0 - 8,0   |      |                |          |          |      |             | 01020004812   |
|                | <b>14</b>           | 8,0 - 10,0  |      |                |          |          |      |             | 01020004814   |
|                | <b>16</b>           | 10,0 - 12,0 |      |                |          |          |      |             | 01020004816   |
|                | <b>18</b>           | 12,0 - 14,0 |      |                |          |          |      |             | 01020004818   |
|                | <b>21</b>           | 14,0 - 17,0 |      |                |          |          |      |             | 01020004821   |
|                | <b>24</b>           | 17,0 - 20,0 |      |                |          |          |      |             | 01020004824   |
|                | <b>27</b>           | 20,0 - 23,0 |      |                |          |          |      |             | 01020004827   |
|                | <b>30</b>           | 23,0 - 25,0 |      |                |          |          |      |             | 01020004830   |
| <b>35</b>      | 25,0 - 30,0         |             |      |                |          |          |      | 01020004835 |               |
| <b>5,0</b>     | <b>6</b>            | 0,5 - 3,0   | 5,10 | 9,50           | 1,20     | 2,65     | 2150 | 3000        | 01020005006   |
|                | <b>8</b>            | 3,0 - 4,5   |      |                |          |          |      |             | 01020005008   |
|                | <b>10</b>           | 4,5 - 6,0   |      |                |          |          |      |             | 01020005010   |
|                | <b>12</b>           | 6,0 - 8,0   |      |                |          |          |      |             | 01020005012   |
|                | <b>14</b>           | 8,0 - 10,0  |      |                |          |          |      |             | 01020005014   |
|                | <b>16</b>           | 10,0 - 12,0 |      |                |          |          |      |             | 01020005016   |
|                | <b>18</b>           | 12,0 - 14,0 |      |                |          |          |      |             | 01020005018   |
|                | <b>20</b>           | 14,0 - 16,0 |      |                |          |          |      |             | 01020005020   |
|                | <b>25</b>           | 16,0 - 21,0 |      |                |          |          |      |             | 01020005025   |
|                | <b>30</b>           | 21,0 - 25,0 |      |                |          |          |      |             | 01020005030   |

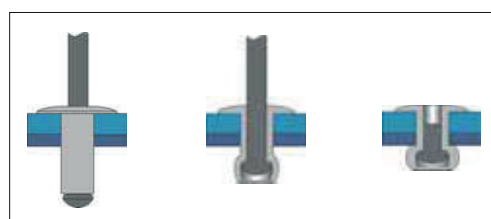
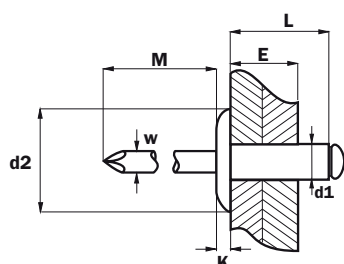
# BLIND RIVET STANDARD

## REMACHE ESTANDAR



| English                                  | Español                               | Français                          | Deutsch                              | Portugues                         |
|--|---------------------------------------|-----------------------------------|--------------------------------------|-----------------------------------|
| Large head                               | Cabeza ancha                          | Tête large                        | Grosskopf                            | Cabeça larga                      |
| Body: Aluminium *<br>3,5% Mg             | Cuerpo: Aluminio *<br>3,5% Mg         | Corps: Aluminium *<br>3,5% Mg     | Hülse: Aluminium *<br>3,5% Mg        | Corpo: Aluminio *<br>3,5% Mg      |
| Mandrel: Steel **<br>zincplated 3 µ mín. | Vástago: Acero **<br>cincado 3 µ mín. | Clou: Acier **<br>zingué 3 µ mín. | Dorn: Stahl, **<br>verzinkt 3 µ mín. | Prego: Aço **<br>zincado 3 µ mín. |

\* Al Mg 3,5 EN AW 5154  
\*\* Steel /acero DIN EN 10016-2 SAE 1010-1020-1030-1040



| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | E<br>m/m    |      | d2<br>Ø<br>m/m | K<br>m/m | W<br>m/m | (N)  | (N)         | Part No./Ref. |
|----------------|---------------------|-------------|------|----------------|----------|----------|------|-------------|---------------|
| <b>3,2</b>     | 6                   | 0,5 - 3,5   | 3,30 | 9,50           | 1,10     | 1,80     | 850  | 1150        | 01030003206   |
|                | 8                   | 3,5 - 5,5   |      |                |          |          |      |             | 01030003208   |
|                | 10                  | 5,5 - 7,0   |      |                |          |          |      |             | 01030003210   |
|                | 12                  | 7,0 - 9,0   |      |                |          |          |      |             | 01030003212   |
|                | 16                  | 9,0 - 11,0  |      |                |          |          |      |             | 01030003216   |
| <b>4,0</b>     | 8                   | 1,5 - 5,0   | 4,10 | 12,00          | 1,40     | 2,20     | 1200 | 1800        | 01040004008   |
|                | 10                  | 5,0 - 6,5   |      |                |          |          |      |             | 01040004010   |
|                | 12                  | 6,5 - 8,5   |      |                |          |          |      |             | 01040004012   |
|                | 14                  | 8,5 - 10,5  |      |                |          |          |      |             | 01040004014   |
|                | 16                  | 10,5 - 12,5 |      |                |          |          |      |             | 01040004016   |
|                | 18                  | 12,5 - 14,5 |      |                |          |          |      |             | 01040004018   |
|                | 20                  | 14,5 - 16,5 |      |                |          |          |      |             | 01040004020   |
| <b>4,8</b>     | 10                  | 3,0 - 6,0   | 4,90 | 14,00          | 1,80     | 2,65     | 2000 | 2500        | 01030004810   |
|                | 12                  | 6,0 - 8,0   |      |                |          |          |      |             | 01030004812   |
|                | 14                  | 8,0 - 10,0  |      |                |          |          |      |             | 01030004814   |
|                | 16                  | 10,0 - 12,0 |      |                |          |          |      |             | 01030004816   |
|                | 18                  | 12,0 - 14,0 |      |                |          |          |      |             | 01030004818   |
|                | 21                  | 14,0 - 17,0 |      |                |          |          |      |             | 01030004821   |
|                | 24                  | 17,0 - 20,0 |      |                |          |          |      |             | 01030004824   |
|                | 27                  | 20,0 - 23,0 |      |                |          |          |      |             | 01030004827   |
|                | 30                  | 23,0 - 25,0 |      |                |          |          |      |             | 01030004830   |
|                | 35                  | 25,0 - 30,0 |      |                |          |          |      |             | 01030004835   |
|                | 40                  | 30,0 - 35,0 |      |                |          |          |      |             | 01030004840   |
|                | 45                  | 35,0 - 40,0 |      |                |          |          |      |             | 01030004845   |
| 50             | 40,0 - 45,0         |             |      |                |          |          |      | 01030004850 |               |

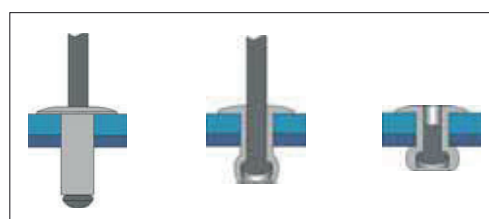
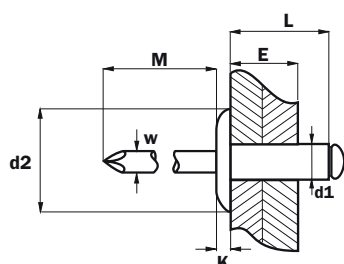
# BLIND RIVET STANDARD

## REMACHE ESTANDAR



| English                                  | Español                               | Français                          | Deutsch                              | Portugues                         |
|--|---------------------------------------|-----------------------------------|--------------------------------------|-----------------------------------|
| Large head                               | Cabeza ancha                          | Tête large                        | Grosskopf                            | Cabeça larga                      |
| Body: Aluminium *<br>3,5% Mg             | Cuerpo: Aluminio *<br>3,5% Mg         | Corps: Aluminium *<br>3,5% Mg     | Hülse: Aluminium *<br>3,5% Mg        | Corpo: Aluminio *<br>3,5% Mg      |
| Mandrel: Steel **<br>zincplated 3 µ mín. | Vástago: Acero **<br>cincado 3 µ mín. | Clou: Acier **<br>zingué 3 µ mín. | Dorn: Stahl, **<br>verzinkt 3 µ mín. | Prego: Aço **<br>zincado 3 µ mín. |

\* Al Mg 3,5 EN AW 5154  
\*\* Steel /acero DIN EN 10016-2 SAE 1010-1020-1030-1040



| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | E<br>m/m    |  | d2<br>Ø<br>m/m | K<br>m/m | W<br>m/m | (N)  | (N)  | Part No./Ref. |             |
|----------------|---------------------|-------------|--|----------------|----------|----------|------|------|---------------|-------------|
| <b>4,8</b>     | 10                  | 3,0 - 6,0   |  | 4,90           | 16,00    | 1,80     | 2,65 | 2000 | 2500          | 01040004810 |
|                | 12                  | 6,0 - 8,0   |  |                |          |          |      |      |               | 01040004812 |
|                | 14                  | 8,0 - 10,0  |  |                |          |          |      |      |               | 01040004814 |
|                | 16                  | 10,0 - 12,0 |  |                |          |          |      |      |               | 01040004816 |
|                | 18                  | 12,0 - 14,0 |  |                |          |          |      |      |               | 01040004818 |
|                | 21                  | 14,0 - 17,0 |  |                |          |          |      |      |               | 01040004821 |
|                | 24                  | 17,0 - 20,0 |  |                |          |          |      |      |               | 01040004824 |
|                | 27                  | 20,0 - 23,0 |  |                |          |          |      |      |               | 01040004827 |
|                | 30                  | 23,0 - 25,0 |  |                |          |          |      |      |               | 01040004830 |
| 35             | 25,0 - 30,0         |             |  |                |          |          |      |      | 01040004835   |             |
| <b>5,0</b>     | 8                   | 3,0 - 4,5   |  | 5,10           | 11,00    | 1,60     | 2,65 | 2150 | 3000          | 01031005008 |
|                | 10                  | 4,5 - 6,0   |  |                |          |          |      |      |               | 01031005010 |
|                | 12                  | 6,0 - 8,0   |  |                |          |          |      |      |               | 01031005012 |
|                | 14                  | 8,0 - 10,0  |  |                |          |          |      |      |               | 01031005014 |
|                | 16                  | 10,0 - 12,0 |  |                |          |          |      |      |               | 01031005016 |
|                | 18                  | 12,0 - 14,0 |  |                |          |          |      |      |               | 01031005018 |
|                | 20                  | 14,0 - 16,0 |  |                |          |          |      |      |               | 01031005020 |
|                | 25                  | 16,0 - 21,0 |  |                |          |          |      |      |               | 01031005025 |
|                | 30                  | 21,0 - 25,0 |  |                |          |          |      |      |               | 01031005030 |
| <b>5,0</b>     | 8                   | 3,0 - 4,5   |  | 5,10           | 14,00    | 1,80     | 2,65 | 2150 | 3000          | 01030005008 |
|                | 10                  | 4,5 - 6,0   |  |                |          |          |      |      |               | 01030005010 |
|                | 12                  | 6,0 - 8,0   |  |                |          |          |      |      |               | 01030005012 |
|                | 14                  | 8,0 - 10,0  |  |                |          |          |      |      |               | 01030005014 |
|                | 16                  | 10,0 - 12,0 |  |                |          |          |      |      |               | 01030005016 |
|                | 18                  | 12,0 - 14,0 |  |                |          |          |      |      |               | 01030005018 |
|                | 20                  | 14,0 - 16,0 |  |                |          |          |      |      |               | 01030005020 |
|                | 25                  | 16,0 - 21,0 |  |                |          |          |      |      |               | 01030005025 |
|                | 30                  | 21,0 - 25,0 |  |                |          |          |      |      |               | 01030005030 |



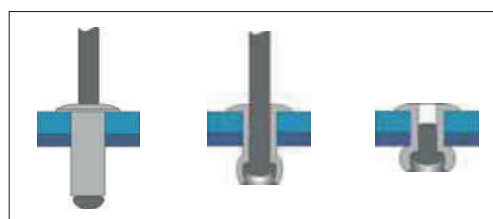
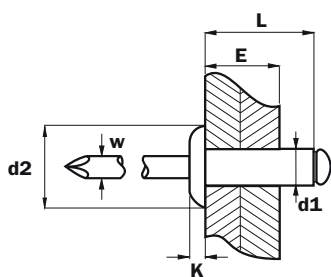
# BLIND RIVET STANDARD

## REMACHE ESTANDAR

UNE - EN ISO 16582



| English         | Español         | Français      | Deutsch       | Portugues      |
|-----------------|-----------------|---------------|---------------|----------------|
| Dome head       | Cabeza alomada  | Tête plate    | Flachrundkopf | Cabeça boleada |
| Body: Copper    | Cuerpo: Cobre   | Corps: Cuivre | Hülse: Kupfer | Corpo: Cobre   |
| Mandrel: Bronze | Vástago: Bronce | Clou: Bronze  | Dorn: Bronze  | Prego: Bronze  |



| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | E<br>m/m    |      | d2<br>Ø<br>m/m | K<br>m/m | W<br>m/m | (N)  | (N)  | Part No/Ref. |
|----------------|---------------------|-------------|------|----------------|----------|----------|------|------|--------------|
| <b>3,0</b>     | <b>6</b>            | 1,5 - 3,5   | 3,10 | 6,30           | 0,80     | 1,80     | 650  | 900  | 01400003006  |
|                | <b>8</b>            | 3,5 - 5,5   |      |                |          |          |      |      | 01400003008  |
|                | <b>10</b>           | 5,5 - 7,0   |      |                |          |          |      |      | 01400003010  |
|                | <b>12</b>           | 7,0 - 9,0   |      |                |          |          |      |      | 01400003012  |
| <b>3,2</b>     | <b>6</b>            | 1,5 - 3,5   | 3,30 | 6,30           | 0,80     | 2,00     | 880  | 1270 | 01400003206  |
|                | <b>8</b>            | 3,5 - 5,5   |      |                |          |          |      |      | 01400003208  |
|                | <b>10</b>           | 5,5 - 7,0   |      |                |          |          |      |      | 01400003210  |
|                | <b>12</b>           | 7,0 - 9,0   |      |                |          |          |      |      | 01400003212  |
| <b>4,0</b>     | <b>6</b>            | 1,5 - 3,0   | 4,10 | 8,40           | 1,00     | 2,40     | 1400 | 2000 | 01400004006  |
|                | <b>8</b>            | 3,0 - 5,0   |      |                |          |          |      |      | 01400004008  |
|                | <b>10</b>           | 5,0 - 6,5   |      |                |          |          |      |      | 01400004010  |
|                | <b>12</b>           | 6,5 - 8,5   |      |                |          |          |      |      | 01400004012  |
|                | <b>14</b>           | 8,5 - 10,5  |      |                |          |          |      |      | 01400004014  |
|                | <b>16</b>           | 10,5 - 12,5 |      |                |          |          |      |      | 01400004016  |

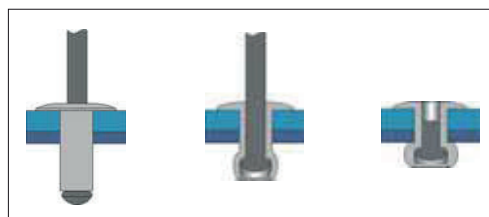
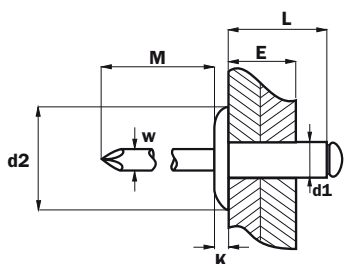
# BLIND RIVET STANDARD

## REMACHE ESTANDAR



| English                           | Español                       | Français                      | Deutsch                       | Portugues                    |
|-----------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|
| Large head                        | Cabeza ancha                  | Tête large                    | Grosskopf                     | Cabeça larga                 |
| Body: Aluminium *<br>3,5% Mg      | Cuerpo: Aluminio *<br>3,5% Mg | Corps: Aluminium *<br>3,5% Mg | Hülse: Aluminium *<br>3,5% Mg | Corpo: Aluminio *<br>3,5% Mg |
| Mandrel: Stainless<br>Steel A2 ** | Vástago: Inox A2 **           | Clou: Inox A2 **              | Dorn: Edelstahl A2 **         | Prego: Inox A2 **            |

\* Al Mg 3,5 EN AW 5154  
\*\* AISI 304 CU 1.4301



| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | E<br>m/m    |  | d2<br>Ø<br>m/m | K<br>m/m | W<br>m/m | (N)  | (N)  | Part No/Ref. |             |
|----------------|---------------------|-------------|--|----------------|----------|----------|------|------|--------------|-------------|
| <b>4,0</b>     | <b>8</b>            | 1,5 - 5,0   |  | 4,10           | 12,00    | 1,40     | 2,20 | 1300 | 1960         | 01049004008 |
|                | <b>10</b>           | 5,0 - 6,5   |  |                |          |          |      |      |              | 01049004010 |
|                | <b>12</b>           | 6,5 - 8,5   |  |                |          |          |      |      |              | 01049004012 |
|                | <b>14</b>           | 8,5 - 10,5  |  |                |          |          |      |      |              | 01049004014 |
|                | <b>16</b>           | 10,5 - 12,5 |  |                |          |          |      |      |              | 01049004016 |
|                | <b>18</b>           | 12,5 - 14,5 |  |                |          |          |      |      |              | 01049004018 |
|                | <b>20</b>           | 14,5 - 16,5 |  |                |          |          |      |      |              | 01049004020 |
| <b>4,8</b>     | <b>10</b>           | 3,0 - 6,0   |  | 4,90           | 14,00    | 1,80     | 2,75 | 2000 | 2700         | 01039004810 |
|                | <b>12</b>           | 6,0 - 8,0   |  |                |          |          |      |      |              | 01039004812 |
|                | <b>14</b>           | 8,0 - 10,0  |  |                |          |          |      |      |              | 01039004814 |
|                | <b>16</b>           | 10,0 - 12,0 |  |                |          |          |      |      |              | 01039004816 |
|                | <b>18</b>           | 12,0 - 14,0 |  |                |          |          |      |      |              | 01039004818 |
|                | <b>21</b>           | 14,0 - 17,0 |  |                |          |          |      |      |              | 01039004821 |
|                | <b>24</b>           | 17,0 - 20,0 |  |                |          |          |      |      |              | 01039004824 |
|                | <b>27</b>           | 20,0 - 23,0 |  |                |          |          |      |      |              | 01039004827 |
|                | <b>30</b>           | 23,0 - 25,0 |  |                |          |          |      |      |              | 01039004830 |
|                | <b>35</b>           | 25,0 - 30,0 |  |                |          |          |      |      |              | 01039004835 |
| <b>4,8</b>     | <b>10</b>           | 3,0 - 6,0   |  | 4,90           | 16,00    | 1,80     | 2,75 | 2000 | 2500         | 01049004810 |
|                | <b>12</b>           | 6,0 - 8,0   |  |                |          |          |      |      |              | 01049004812 |
|                | <b>14</b>           | 8,0 - 10,0  |  |                |          |          |      |      |              | 01049004814 |
|                | <b>16</b>           | 10,0 - 12,0 |  |                |          |          |      |      |              | 01049004816 |
|                | <b>18</b>           | 12,0 - 14,0 |  |                |          |          |      |      |              | 01049004818 |
|                | <b>21</b>           | 14,0 - 17,0 |  |                |          |          |      |      |              | 01049004821 |
|                | <b>24</b>           | 17,0 - 20,0 |  |                |          |          |      |      |              | 01049004824 |
|                | <b>27</b>           | 20,0 - 23,0 |  |                |          |          |      |      |              | 01049004827 |
|                | <b>30</b>           | 23,0 - 25,0 |  |                |          |          |      |      |              | 01049004830 |
|                | <b>35</b>           | 25,0 - 30,0 |  |                |          |          |      |      |              | 01049004835 |

# BLIND RIVET STANDARD

## REMACHE ESTANDAR

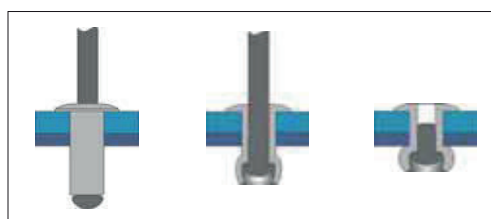
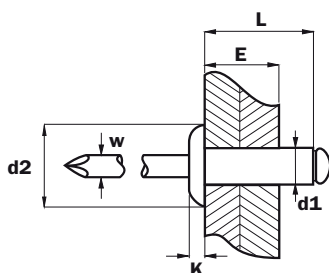
UNE - EN ISO 15981



| English                        | Español                        | Français                       | Deutsch                        | Portugues                     |
|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|
| Dome head                      | Cabeza alomada                 | Tête plate                     | Flachrundkopf                  | Cabeça boleada                |
| Body: Aluminium *<br>Al Mg Si  | Cuerpo: Aluminio *<br>Al Mg Si | Corps: Aluminium *<br>Al Mg Si | Hülse: Aluminium *<br>Al Mg Si | Corpo: Aluminio *<br>Al Mg Si |
| Mandrel: Aluminium **<br>5% Mg | Vástago: Aluminio **<br>5% Mg  | Clou: Aluminium **<br>5% Mg    | Dorn: Aluminium **<br>5% Mg    | Prego: Aluminio **<br>5% Mg   |

\* Al Mg Si EN AW 6101

\*\* Al Mg 5,0 EN AW 5019



| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | E<br>m/m    |      | d2<br>Ø<br>m/m | K<br>m/m | W<br>m/m | (N) | (N)         | Part No/Ref. |
|----------------|---------------------|-------------|------|----------------|----------|----------|-----|-------------|--------------|
| <b>3,2</b>     | 6                   | 1,5 - 3,5   | 3,30 | 6,00           | 1,00     | 1,95     | 440 | 540         | 01160003206  |
|                | 8                   | 3,5 - 5,5   |      |                |          |          |     |             | 01160003208  |
|                | 10                  | 5,5 - 7,0   |      |                |          |          |     |             | 01160003210  |
|                | 12                  | 7,0 - 9,0   |      |                |          |          |     |             | 01160003212  |
|                | 15                  | 9,0 - 12,0  |      |                |          |          |     |             | 01160003215  |
|                | 18                  | 12,0 - 15,0 |      |                |          |          |     |             | 01160003218  |
| <b>4,0</b>     | 6                   | 1,5 - 3,0   | 4,10 | 8,00           | 1,20     | 2,45     | 680 | 800         | 01160004006  |
|                | 8                   | 3,0 - 4,5   |      |                |          |          |     |             | 01160004008  |
|                | 10                  | 4,5 - 6,5   |      |                |          |          |     |             | 01160004010  |
|                | 12                  | 6,5 - 8,5   |      |                |          |          |     |             | 01160004012  |
|                | 14                  | 8,5 - 10,5  |      |                |          |          |     |             | 01160004014  |
|                | 16                  | 10,5 - 12,5 |      |                |          |          |     |             | 01160004016  |
|                | 18                  | 12,5 - 14,5 |      |                |          |          |     |             | 01160004018  |
|                | 20                  | 14,5 - 16,5 |      |                |          |          |     |             | 01160004020  |
| <b>4,8</b>     | 6                   | 0,5 - 3,0   | 4,90 | 9,00           | 1,50     | 2,95     | 980 | 1300        | 01160004806  |
|                | 8                   | 3,0 - 4,5   |      |                |          |          |     |             | 01160004808  |
|                | 10                  | 4,5 - 6,0   |      |                |          |          |     |             | 01160004810  |
|                | 12                  | 6,0 - 8,0   |      |                |          |          |     |             | 01160004812  |
|                | 14                  | 8,0 - 10,0  |      |                |          |          |     |             | 01160004814  |
|                | 16                  | 10,0 - 12,0 |      |                |          |          |     |             | 01160004816  |
|                | 18                  | 12,0 - 14,0 |      |                |          |          |     |             | 01160004818  |
|                | 21                  | 14,0 - 17,0 |      |                |          |          |     |             | 01160004821  |
|                | 24                  | 17,0 - 20,0 |      |                |          |          |     |             | 01160004824  |
| 27             | 20,0 - 23,0         |             |      |                |          |          |     | 01160004827 |              |

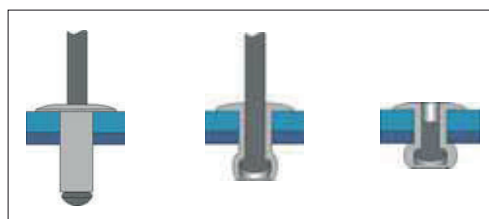
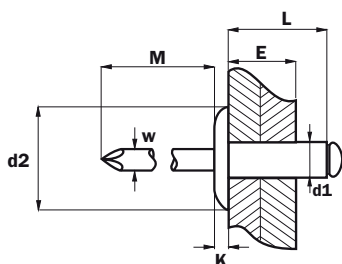
# BLIND RIVET STANDARD

## REMACHE ESTANDAR



| English                        | Español                        | Français                       | Deutsch                        | Portugues                     |
|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|
| Large head                     | Cabeza ancha                   | Tête large                     | Grosskopf                      | Cabeça larga                  |
| Body: Aluminium *<br>Al Mg Si  | Cuerpo: Aluminio *<br>Al Mg Si | Corps: Aluminium *<br>Al Mg Si | Hülse: Aluminium *<br>Al Mg Si | Corpo: Aluminio *<br>Al Mg Si |
| Mandrel: Aluminium **<br>5% Mg | Vástago: Aluminio **<br>5% Mg  | Clou: Aluminium **<br>5% Mg    | Dorn: Aluminium **<br>5% Mg    | Prego: Aluminio **<br>5% Mg   |

\* Al Mg Si EN AW 6101  
\*\* Al Mg 5,0 EN AW 5019



| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | E<br>m/m    | d2<br>Ø<br>m/m | K<br>m/m | W<br>m/m | (N)  | (N) | Part No/Ref. |             |
|----------------|---------------------|-------------|----------------|----------|----------|------|-----|--------------|-------------|
| <b>4,8</b>     | <b>10</b>           | 4,0 - 6,0   | 4,90           | 14,00    | 1,80     | 2,95 | 980 | 1300         | 01180004810 |
|                | <b>12</b>           | 6,0 - 8,0   |                |          |          |      |     |              | 01180004812 |
|                | <b>14</b>           | 8,0 - 10,0  |                |          |          |      |     |              | 01180004814 |
|                | <b>16</b>           | 10,0 - 12,0 |                |          |          |      |     |              | 01180004816 |
|                | <b>18</b>           | 12,0 - 14,0 |                |          |          |      |     |              | 01180004818 |
|                | <b>21</b>           | 14,0 - 17,0 |                |          |          |      |     |              | 01180004821 |
|                | <b>24</b>           | 17,0 - 20,0 |                |          |          |      |     |              | 01180004824 |
| <b>4,8</b>     | <b>10</b>           | 4,0 - 6,0   | 4,90           | 16,00    | 1,80     | 2,95 | 980 | 1300         | G1184004810 |

# BLIND RIVET STANDARD

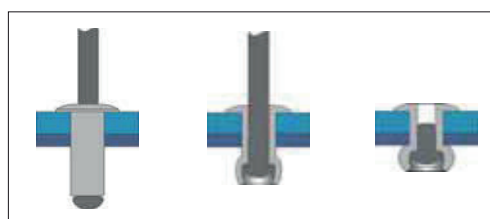
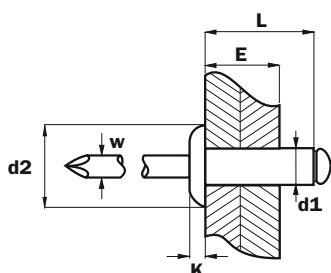
## REMACHE ESTANDAR



| English                           | Español                       | Français                      | Deutsch                       | Portugues                    |
|-----------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|
| Dome head                         | Cabeza alomada                | Tête plate                    | Flachrundkopf                 | Cabeça boleada               |
| Body: Aluminium *<br>3,5% Mg      | Cuerpo: Aluminio *<br>3,5% Mg | Corps: Aluminium *<br>3,5% Mg | Hülse: Aluminium *<br>3,5% Mg | Corpo: Aluminio *<br>3,5% Mg |
| Mandrel: Stainless<br>Steel A2 ** | Vástago: Inox A2 **           | Clou: Inox A2 **              | Dorn: Edelstahl A2 **         | Prego: Inox A2 **            |

\* Al Mg 3,5 EN AW 5154

\*\* AISI 304 CU 1.4301



| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | E<br>m/m    |      | d2<br>Ø<br>m/m | K<br>m/m | W<br>m/m | (N)  | (N)  | Part No./Ref. |
|----------------|---------------------|-------------|------|----------------|----------|----------|------|------|---------------|
| <b>2,4</b>     | 4                   | 0,5 - 2,0   | 2,50 | 5,00           | 0,55     | 1,45     | 400  | 500  | 01019002404   |
|                | 6                   | 2,0 - 4,0   |      |                |          |          |      |      | 01019002406   |
|                | 8                   | 4,0 - 6,0   |      |                |          |          |      |      | 01019002408   |
|                | 10                  | 6,0 - 8,0   |      |                |          |          |      |      | 01019002410   |
| <b>3,0</b>     | 8                   | 3,5 - 5,5   | 3,10 | 6,50           | 0,80     | 1,80     | 850  | 750  | 01019003008   |
| <b>3,2</b>     | 6                   | 1,5 - 3,5   | 3,30 | 6,50           | 0,80     | 1,80     | 880  | 1150 | 01019003206   |
|                | 8                   | 3,5 - 5,5   |      |                |          |          |      |      | 01019003208   |
|                | 10                  | 5,0 - 7,0   |      |                |          |          |      |      | 01019003210   |
|                | 12                  | 7,0 - 9,0   |      |                |          |          |      |      | 01019003212   |
|                | 15                  | 9,0 - 12,0  |      |                |          |          |      |      | 01019003215   |
|                | 18                  | 12,0 - 15,0 |      |                |          |          |      |      | 01019003218   |
| <b>4,0</b>     | 20                  | 15,0 - 18,0 |      |                |          |          |      |      | 01019003220   |
|                | 6                   | 1,5 - 3,0   | 4,10 | 8,00           | 1,00     | 2,20     | 1300 | 1960 | 01019004006   |
|                | 8                   | 3,0 - 4,5   |      |                |          |          |      |      | 01019004008   |
|                | 10                  | 4,5 - 6,5   |      |                |          |          |      |      | 01019004010   |
|                | 12                  | 6,5 - 8,5   |      |                |          |          |      |      | 01019004012   |
|                | 14                  | 8,5 - 10,5  |      |                |          |          |      |      | 01019004014   |
|                | 16                  | 10,5 - 12,5 |      |                |          |          |      |      | 01019004016   |
|                | 18                  | 12,5 - 14,5 |      |                |          |          |      |      | 01019004018   |
|                | 20                  | 14,5 - 16,5 |      |                |          |          |      |      | 01019004020   |
|                | 25                  | 16,5 - 21,5 |      |                |          |          |      |      | 01019004025   |

# BLIND RIVET STANDARD

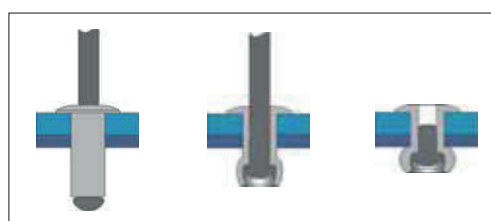
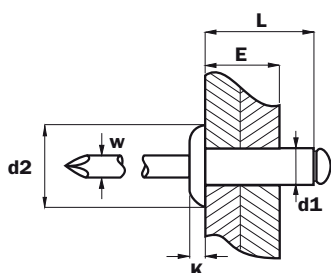
## REMACHE ESTANDAR



| English                           | Español                       | Français                      | Deutsch                       | Portugues                    |
|-----------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|
| Dome head                         | Cabeza alomada                | Tête plate                    | Flachrundkopf                 | Cabeça boleada               |
| Body: Aluminium *<br>3,5% Mg      | Cuerpo: Aluminio *<br>3,5% Mg | Corps: Aluminium *<br>3,5% Mg | Hülse: Aluminium *<br>3,5% Mg | Corpo: Aluminio *<br>3,5% Mg |
| Mandrel: Stainless<br>Steel A2 ** | Vástago: Inox A2 **           | Clou: Inox A2 **              | Dorn: Edelstahl A2 **         | Prego: Inox A2 **            |

\* Al Mg 3,5 EN AW 5154

\*\* AISI 304 CU 1.4301



| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | E<br>m/m    |  | d2<br>Ø<br>m/m | K<br>m/m | W<br>m/m | (N)  | (N)  | Part No./Ref. |             |
|----------------|---------------------|-------------|--|----------------|----------|----------|------|------|---------------|-------------|
| <b>4,8</b>     | 6                   | 0,5 - 3,0   |  | 4,90           | 9,50     | 1,10     | 2,75 | 1870 | 2790          | 01019004806 |
|                | 8                   | 3,0 - 4,5   |  |                |          |          |      |      |               | 01019004808 |
|                | 10                  | 4,5 - 6,0   |  |                |          |          |      |      |               | 01019004810 |
|                | 12                  | 6,0 - 8,0   |  |                |          |          |      |      |               | 01019004812 |
|                | 14                  | 8,0 - 10,0  |  |                |          |          |      |      |               | 01019004814 |
|                | 16                  | 10,0 - 12,0 |  |                |          |          |      |      |               | 01019004816 |
|                | 18                  | 12,0 - 14,0 |  |                |          |          |      |      |               | 01019004818 |
|                | 21                  | 14,0 - 17,0 |  |                |          |          |      |      |               | 01019004821 |
|                | 24                  | 17,0 - 20,0 |  |                |          |          |      |      |               | 01019004824 |
|                | 27                  | 20,0 - 23,0 |  |                |          |          |      |      |               | 01019004827 |
|                | 30                  | 23,0 - 25,0 |  |                |          |          |      |      |               | 01019004830 |
| 35             | 25,0 - 30,0         |             |  |                |          |          |      |      | 01019004835   |             |
| <b>5,0</b>     | 10                  | 4,5 - 6,0   |  | 5,10           | 9,50     | 1,10     | 2,65 | 2150 | 3000          | 01019005010 |
|                | 12                  | 6,0 - 8,0   |  |                |          |          |      |      |               | 01019005012 |
|                | 14                  | 8,0 - 10,0  |  |                |          |          |      |      |               | 01019005014 |
|                | 16                  | 10,0 - 12,0 |  |                |          |          |      |      |               | 01019005016 |
|                | 18                  | 12,0 - 14,0 |  |                |          |          |      |      |               | 01019005018 |
|                | 20                  | 14,0 - 16,0 |  |                |          |          |      |      |               | 01019005020 |
|                | 25                  | 16,0 - 21,0 |  |                |          |          |      |      |               | 01019005025 |
|                | 30                  | 21,0 - 25,0 |  |                |          |          |      |      |               | 01019005030 |
|                | 35                  | 25,0 - 30,0 |  |                |          |          |      |      |               | 01019005035 |
|                | 40                  | 30,0 - 35,0 |  |                |          |          |      |      |               | 01019005040 |
|                | 45                  | 35,0 - 40,0 |  |                |          |          |      |      |               | 01019005045 |
| 50             | 40,0 - 45,0         |             |  |                |          |          |      |      | 01019005050   |             |
| <b>6,0</b>     | 8                   | 2,0 - 4,0   |  | 6,10           | 12,00    | 1,50     | 2,65 | 3500 | 3900          | 01019006008 |
|                | 10                  | 4,0 - 6,0   |  |                |          |          |      |      |               | 01019006010 |
|                | 12                  | 6,0 - 8,0   |  |                |          |          |      |      |               | 01019006012 |
|                | 14                  | 8,0 - 10,0  |  |                |          |          |      |      |               | 01019006014 |
|                | 16                  | 10,0 - 12,0 |  |                |          |          |      |      |               | 01019006016 |
|                | 18                  | 12,0 - 14,0 |  |                |          |          |      |      |               | 01019006018 |
| 20             | 14,0 - 16,0         |             |  |                |          |          |      |      | 01019006020   |             |

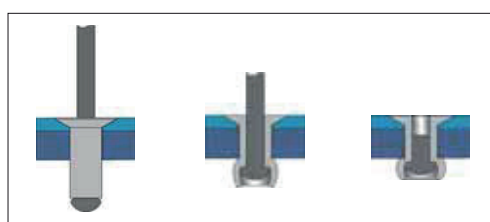
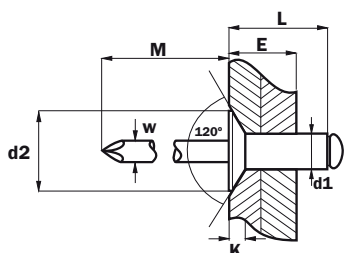
# BLIND RIVET STANDARD

## REMACHE ESTANDAR



| English                           | Español                       | Français                      | Deutsch                       | Portugues                    |
|-----------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|
| Countersunk head 120°             | Cabeza avellanada 120°        | Tête fraisee 120°             | Senkkopf 120°                 | Cabeça embeber 120°          |
| Body: Aluminium *<br>3,5% Mg      | Cuerpo: Aluminio *<br>3,5% Mg | Corps: Aluminium *<br>3,5% Mg | Hülse: Aluminium *<br>3,5% Mg | Corpo: Aluminio *<br>3,5% Mg |
| Mandrel: Stainless<br>Steel A2 ** | Vástago: Inox A2 **           | Clou: Inox A2 **              | Dorn: Edelstahl A2 **         | Prego: Inox A2 **            |

\* Al Mg 3,5 EN AW 5154  
\*\* AISI 304 CU 1.4301



| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | E<br>m/m    |      | d2<br>Ø<br>m/m | K<br>m/m | W<br>m/m | (N)  | (N)  | Part No/Ref. |
|----------------|---------------------|-------------|------|----------------|----------|----------|------|------|--------------|
| <b>3,2</b>     | <b>10</b>           | 5,5 - 7,0   | 3,30 | 6,00           | 1,00     | 1,80     | 880  | 1150 | 01029003210  |
|                | <b>15</b>           | 9,0 - 11,0  |      |                |          |          |      |      | 01029003215  |
| <b>4,0</b>     | <b>6</b>            | 1,5 - 3,0   | 4,10 | 7,50           | 1,00     | 2,20     | 1300 | 1960 | 01029004006  |
|                | <b>8</b>            | 3,0 - 5,0   |      |                |          |          |      |      | 01029004008  |
|                | <b>10</b>           | 5,0 - 6,5   |      |                |          |          |      |      | 01029004010  |
|                | <b>12</b>           | 6,5 - 10,5  |      |                |          |          |      |      | 01029004012  |
|                | <b>16</b>           | 10,5 - 12,5 |      |                |          |          |      |      | 01029004016  |
|                | <b>18</b>           | 12,5 - 14,5 |      |                |          |          |      |      | 01029004018  |
| <b>4,8</b>     | <b>10</b>           | 4,5 - 6,0   | 4,90 | 9,50           | 1,50     | 2,65     | 1850 | 2800 | 01029004810  |
|                | <b>12</b>           | 6,0 - 8,0   |      |                |          |          |      |      | 01029004812  |
|                | <b>14</b>           | 8,0 - 10,0  |      |                |          |          |      |      | 01029004814  |
| <b>5,0</b>     | <b>10</b>           | 4,5 - 6,0   | 5,10 | 9,50           | 1,50     | 2,65     | 2250 | 3000 | 01029005010  |

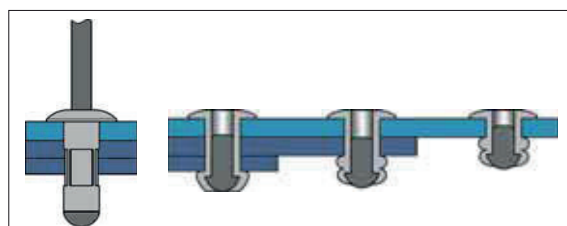
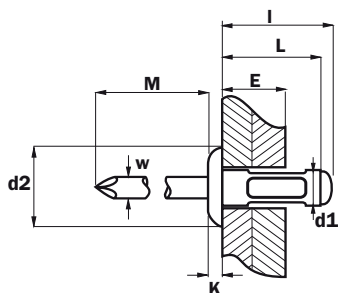
# BLIND RIVET MULTIGRIP REMACHE MULTIGRIP



| English                                  | Español                               | Français                          | Deutsch                             | Portugues                         |
|--|---------------------------------------|-----------------------------------|-------------------------------------|-----------------------------------|
| Dome head                                | Cabeza alomada                        | Tête plate                        | Flachrundkopf                       | Cabeça boleada                    |
| Body: Aluminium *<br>2,5% Mg             | Cuerpo: Aluminio *<br>2,5% Mg         | Corps: Aluminium *<br>2,5% Mg     | Hülse: Aluminium *<br>2,5% Mg       | Corpo: Aluminio *<br>2,5% Mg      |
| Mandrel: Steel **<br>zincplated 3 µ mín. | Vástago: Acero **<br>cincado 3 µ mín. | Clou: Acier **<br>zingué 3 µ mín. | Dorn: Stahl **<br>verzinkt 3 µ mín. | Prego: Aço **<br>zincado 3 µ mín. |

\* Al Mg 2,5 EN AW 5052

\*\* Steel /acero DIN EN 10016-2 SAE 1010-1020-1030-1040



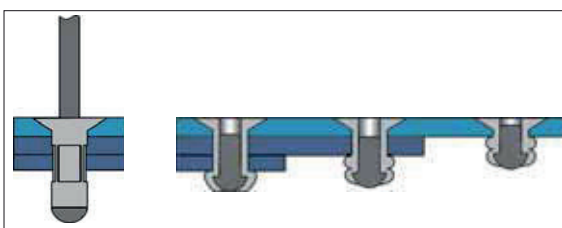
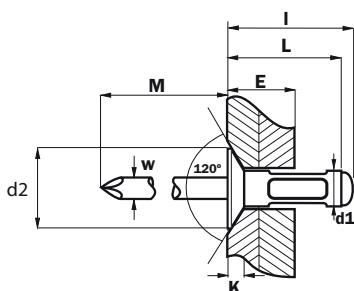
| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | E<br>m/m    |             | d2<br>Ø<br>m/m | K<br>m/m | W<br>m/m | I<br>m/m | (N)  | (N)         | Part No./Ref. |
|----------------|---------------------|-------------|-------------|----------------|----------|----------|----------|------|-------------|---------------|
| <b>3,2</b>     | 8,0                 | 0,5 - 5,0   | 3,30 - 3,50 | 6,20           | 1,10     | 1,80     | 9,50     | 700  | 980         | 01080003208   |
|                | 9,5                 | 1,0 - 6,5   |             |                |          |          | 10,50    |      | 01080003209 |               |
|                | 11,0                | 4,0 - 8,0   |             |                |          |          | 12,50    |      | 01080003211 |               |
| <b>4,0</b>     | 6,8                 | 0,5 - 4,0   | 4,10 - 4,30 | 8,20           | 1,40     | 2,20     | 8,30     | 1200 | 1600        | 01080004068   |
|                | 9,5                 | 1,0 - 6,0   |             |                |          |          | 11,3     |      | 01080004009 |               |
|                | 12,5                | 4,0 - 9,0   |             |                |          |          | 14,3     |      | 01080004012 |               |
|                | 16,5                | 6,0 - 13,0  |             |                |          |          | 18,3     |      | 01080004016 |               |
| <b>4,8</b>     | 10,5                | 1,5 - 6,5   | 4,90 - 5,10 | 9,90           | 1,80     | 2,75     | 12,7     | 1470 | 2400        | 01080004810   |
|                | 15,0                | 4,5 - 11,0  |             |                |          |          | 17,2     |      | 01080004815 |               |
|                | 16,5                | 6,5 - 13,0  |             |                |          |          | 18,7     |      | 01080004816 |               |
|                | 19,5                | 8,5 - 16,0  |             |                |          |          | 21,7     |      | 01080004819 |               |
|                | 24,5                | 12,5 - 20,0 |             |                |          |          | 26,7     |      | 01080004824 |               |



# BLIND RIVET MULTIGRIP REMACHE MULTIGRIP



| English  | Español                               | Français                          | Deutsch                             | Portugues                         |
|--|---------------------------------------|-----------------------------------|-------------------------------------|-----------------------------------|
| Countersunk head 120°                                  | Cabeza avellanada 120°                | Tête fraisee 120°                 | Senkkopf 120°                       | Cabeça embeber 120°               |
| Body: Aluminium *<br>2,5% Mg                           | Cuerpo: Aluminio *<br>2,5% Mg         | Corps: Aluminium *<br>2,5% Mg     | Hülse: Aluminium *<br>2,5% Mg       | Corpo: Aluminio *<br>2,5% Mg      |
| Mandrel: Steel **<br>zincplated 3 µ mín.               | Vástago: Acero **<br>cincado 3 µ mín. | Clou: Acier **<br>zingué 3 µ mín. | Dorn: Stahl **<br>verzinkt 3 µ mín. | Prego: Aço **<br>zincado 3 µ mín. |
| * Al Mg 2,5 EN AW 5052                                 |                                       |                                   |                                     |                                   |
| ** Steel /acero DIN EN 10016-2 SAE 1010-1020-1030-1040 |                                       |                                   |                                     |                                   |



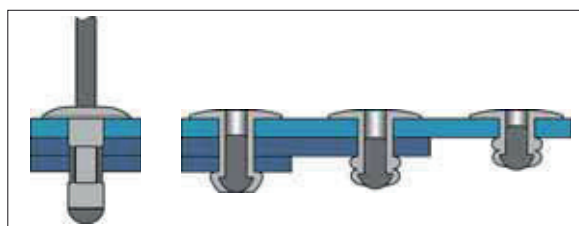
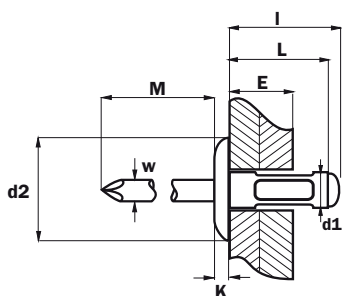
| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | E<br>m/m  |             | d2<br>Ø<br>m/m | K<br>m/m | W<br>m/m | I<br>m/m | (N)  | (N)  | Part No./Ref. |
|----------------|---------------------|-----------|-------------|----------------|----------|----------|----------|------|------|---------------|
| <b>3,2</b>     | <b>9,5</b>          | 1,5 - 6,0 | 3,30 - 3,50 | 5,80           | 1,1      | 1,80     | 11,00    | 700  | 980  | 01090003209   |
|                |                     |           |             |                |          |          |          |      |      |               |
| <b>4,0</b>     | <b>11,0</b>         | 2,0 - 8,0 | 4,10 - 4,30 | 7,30           | 1,30     | 2,20     | 12,80    | 1200 | 1600 | 01090004011   |
|                |                     |           |             |                |          |          |          |      |      |               |
| <b>4,8</b>     | <b>12,0</b>         | 2,0 - 7,5 | 4,90 - 5,10 | 8,80           | 1,60     | 2,75     | 14,20    | 1470 | 2400 | 01090004812   |
|                |                     |           |             |                |          |          |          |      |      |               |

# BLIND RIVET MULTIGRIP REMACHE MULTIGRIP



| English                                  | Español                               | Français                          | Deutsch                             | Portugues                         |
|--|---------------------------------------|-----------------------------------|-------------------------------------|-----------------------------------|
| Large head                               | Cabeza ancha                          | Tête large                        | Grosskopf                           | Cabeça larga                      |
| Body: Aluminium *<br>2,5% Mg             | Cuerpo: Aluminio *<br>2,5% Mg         | Corps: Aluminium *<br>2,5% Mg     | Hülse: Aluminium *<br>2,5% Mg       | Corpo: Aluminio *<br>2,5% Mg      |
| Mandrel: Steel **<br>zincplated 3 µ mín. | Vástago: Acero **<br>cincado 3 µ mín. | Clou: Acier **<br>zingué 3 µ mín. | Dorn: Stahl **<br>verzinkt 3 µ mín. | Prego: Aço **<br>zincado 3 µ mín. |

\* Al Mg 2,5 EN AW 5052  
\*\* Steel /acero DIN EN 10016-2 SAE 1010-1020-1030-1040



| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | E<br>m/m    |             | d2<br>Ø<br>m/m | K<br>m/m | W<br>m/m | I<br>m/m | (N)  | (N)  | Part No./Ref. |
|----------------|---------------------|-------------|-------------|----------------|----------|----------|----------|------|------|---------------|
| <b>3,2</b>     | <b>8,0</b>          | 0,5 - 5,0   | 3,30 - 3,50 | 9,5            | 1,1      | 1,80     | 9,50     | 700  | 980  | 01100003208   |
|                | <b>12,0</b>         | 6,0 - 9,5   | 3,30 - 3,50 | 9,5            |          |          | 14,00    |      |      | 01100003212   |
| <b>4,0</b>     | <b>13,0</b>         | 3,0 - 9,0   | 4,10 - 4,30 | 12,00          | 1,40     | 2,20     | 14,30    | 1200 | 1600 | 01100004013   |
|                | <b>16,0</b>         | 6,0         | 13,0        |                |          |          | 18,80    |      |      | 01100004016   |
| <b>4,8</b>     | <b>10,5</b>         | 1,5 - 6,0   | 4,90 - 5,10 | 16,00          | 1,80     | 2,75     | 12,70    | 1470 | 2400 | 01100004810   |
|                | <b>17,0</b>         | 6,5 - 12,5  |             |                |          |          | 19,20    |      |      | 01100004817   |
|                | <b>25,0</b>         | 12,0 - 19,5 |             |                |          |          | 27,20    |      |      | 01100004825   |

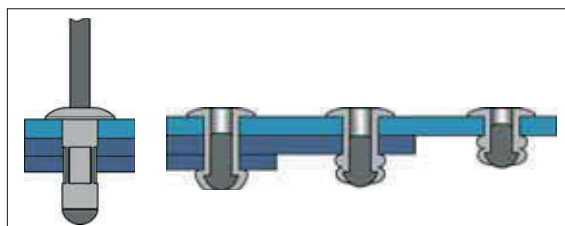
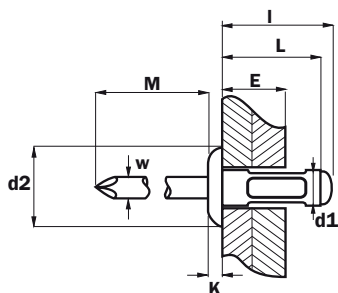
# BLIND RIVET MULTIGRIP REMACHE MULTIGRIP



| English                          | Español                       | Français                      | Deutsch                       | Portugues                    |
|----------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|
| Dome head                        | Cabeza alomada                | Tête plate                    | Flachrundkopf                 | Cabeça boleada               |
| Body: Aluminium *<br>2,5% Mg     | Cuerpo: Aluminio *<br>2,5% Mg | Corps: Aluminium *<br>2,5% Mg | Hülse: Aluminium *<br>2,5% Mg | Corpo: Aluminio *<br>2,5% Mg |
| Mandrel: Stainless<br>Steel A2** | Vástago: Inox A2 **           | Clou: Inox A2 **              | Dorn: Edelstahl A2 **         | Prego: Inox A2 **            |

\* Al Mg 2,5 EN AW 5052

\*\* AISI 304 CU 1.4301



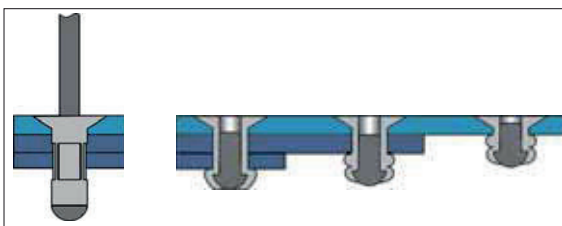
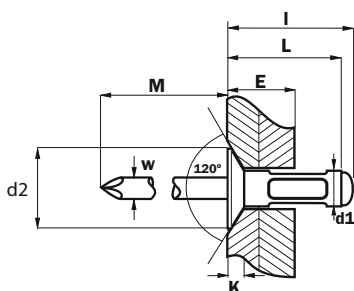
| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | E<br>m/m    |             | d2<br>Ø<br>m/m | K<br>m/m | W<br>m/m | I<br>m/m | (N)  | (N)  | Part No./Ref. |
|----------------|---------------------|-------------|-------------|----------------|----------|----------|----------|------|------|---------------|
| <b>3,2</b>     | <b>8,0</b>          | 0,5 - 5,0   | 3,30 - 3,50 | 6,20           | 1,10     | 1,80     | 9,50     | 700  | 980  | 01089003208   |
|                | <b>11,0</b>         | 4,0 - 8,0   |             |                |          |          | 12,50    |      |      | 01089003211   |
| <b>4,0</b>     | <b>6,8</b>          | 1,0 - 3,0   | 4,10 - 4,30 | 8,20           | 1,40     | 2,20     | 8,30     | 1200 | 1600 | 010890040068  |
|                | <b>9,5</b>          | 3,0 - 6,0   |             |                |          |          | 11,30    |      |      | 01089004009   |
|                | <b>12,5</b>         | 6,0 - 9,0   |             |                |          |          | 14,30    |      |      | 01089004012   |
|                | <b>16,5</b>         | 9,0 - 13,0  |             |                |          |          | 18,30    |      |      | 01089004016   |
| <b>4,8</b>     | <b>10,5</b>         | 1,5 - 6,5   | 4,90 - 5,10 | 9,90           | 1,80     | 2,75     | 12,70    | 1470 | 2400 | 01089004810   |
|                | <b>15,0</b>         | 4,5 - 11,0  |             |                |          |          | 17,20    |      |      | 01089004815   |
|                | <b>16,5</b>         | 6,5 - 13,0  |             |                |          |          | 18,70    |      |      | 01089004816   |
|                | <b>24,5</b>         | 12,5 - 20,0 |             |                |          |          | 26,70    |      |      | 01089004824   |

# BLIND RIVET MULTIGRIP REMACHE MULTIGRIP



| English                           | Español                       | Français                      | Deutsch                       | Portugues                    |
|-----------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|
| Countersunk head 120°             | Cabeza avellanada 120°        | Tête fraisee 120°             | Senkkopf 120°                 | Cabeça embeber 120°          |
| Body: Aluminium *<br>2,5% Mg      | Cuerpo: Aluminio *<br>2,5% Mg | Corps: Aluminium *<br>2,5% Mg | Hülse: Aluminium *<br>2,5% Mg | Corpo: Aluminio *<br>2,5% Mg |
| Mandrel: Stainless<br>Steel A2 ** | Vástago: Inox A2 **           | Clou: Inox A2 **              | Dorn: Edelstahl A2 **         | Prego: Inox A2 **            |

\* Al Mg 2,5 EN AW 5052  
\*\* AISI 304 CU 1.4301



| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | E<br>m/m   |             | d2<br>Ø<br>m/m | K<br>m/m | W<br>m/m | I<br>m/m | (N)  | (N)  | Part No./Ref. |
|----------------|---------------------|------------|-------------|----------------|----------|----------|----------|------|------|---------------|
| <b>3,2</b>     | <b>9,5</b>          | 1,5 - 6,0  | 3,30 - 3,50 | 5,8            | 1,1      | 1,80     | 11,00    | 700  | 980  | 01099003209   |
| <b>4,0</b>     | <b>11,0</b>         | 2,0 - 8,0  | 4,10 - 4,30 | 7,30           | 1,30     | 2,20     | 12,80    | 1200 | 1600 | 01099004011   |
| <b>4,8</b>     | <b>12,0</b>         | 2,0 - 7,5  | 4,90 - 5,10 | 8,80           | 1,60     | 2,75     | 14,20    | 1470 | 2400 | 01099004812   |
|                | <b>16,5</b>         | 6,0 - 12,0 |             |                |          |          | 18,70    |      |      | 01099004816   |

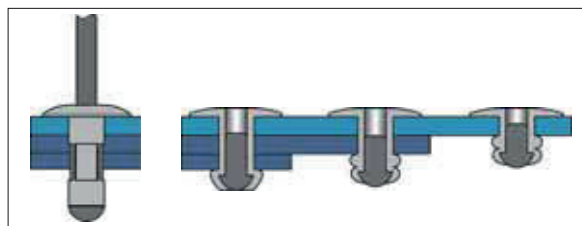
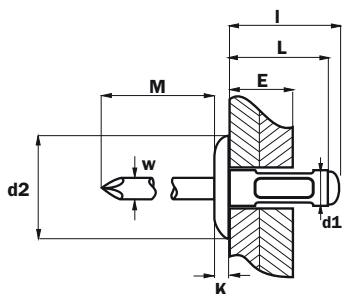
# BLIND RIVET MULTIGRIP REMACHE MULTIGRIP



| English                           | Español                       | Français                      | Deutsch                       | Portugues                    |
|-----------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|
| Large head                        | Cabeza ancha                  | Tête large                    | Grosskopf                     | Cabeça larga                 |
| Body: Aluminium *<br>2,5% Mg      | Cuerpo: Aluminio *<br>2,5% Mg | Corps: Aluminium *<br>2,5% Mg | Hülse: Aluminium *<br>2,5% Mg | Corpo: Aluminio *<br>2,5% Mg |
| Mandrel: Stainless<br>Steel A2 ** | Vástago: Inox A2 **           | Clou: Inox A2 **              | Dorn: Edelstahl A2 **         | Prego: Inox A2 **            |

\* Al Mg 2,5 EN AW 5052

\*\* AISI 304 CU 1.4301

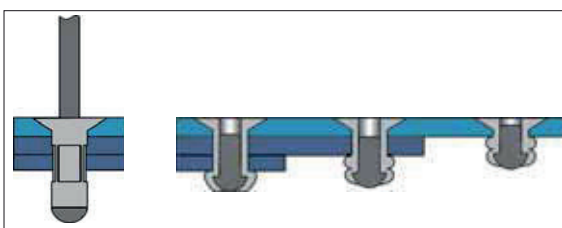
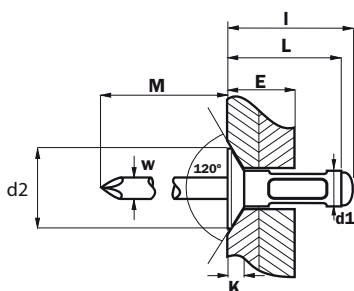


| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | E<br>m/m    |             | d2<br>Ø<br>m/m | K<br>m/m | W<br>m/m | I<br>m/m | (N)  | (N)  | Part No./Ref. |
|----------------|---------------------|-------------|-------------|----------------|----------|----------|----------|------|------|---------------|
| <b>4,8</b>     | <b>10,5</b>         | 1,5 - 6,0   | 4,90 - 5,10 | 16,00          | 1,80     | 2,75     | 12,70    | 1470 | 2400 | 01109004810   |
|                | <b>17,0</b>         | 6,5 - 12,5  |             |                |          |          | 19,20    |      |      | 01109004817   |
|                | <b>19,0</b>         | 8,5 - 16,0  |             |                |          |          | 21,20    |      |      | 01109004819   |
|                | <b>25,0</b>         | 12,0 - 19,5 |             |                |          |          | 27,2     |      |      | 01109002825   |

# BLIND RIVET MULTIGRIP REMACHE MULTIGRIP



| English  | Español                               | Français                          | Deutsch                             | Portugues                         |
|--|---------------------------------------|-----------------------------------|-------------------------------------|-----------------------------------|
| Countersunk head 120°                                  | Cabeza avellanada 120°                | Tête fraisee 120°                 | Senkkopf 120°                       | Cabeça embeber 120°               |
| Body: Aluminium *<br>2,5% Mg                           | Cuerpo: Aluminio *<br>2,5% Mg         | Corps: Aluminium *<br>2,5% Mg     | Hülse: Aluminium *<br>2,5% Mg       | Corpo: Aluminio *<br>2,5% Mg      |
| Mandrel: Steel **<br>zincplated 3 µ mín.               | Vástago: Acero **<br>cincado 3 µ mín. | Clou: Acier **<br>zingué 3 µ mín. | Dorn: Stahl **<br>verzinkt 3 µ mín. | Prego: Aço **<br>zincado 3 µ mín. |
| * Al Mg 2,5 EN AW 5052                                 |                                       |                                   |                                     |                                   |
| ** Steel /acero DIN EN 10016-2 SAE 1010-1020-1030-1040 |                                       |                                   |                                     |                                   |



| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | E<br>m/m   |             | d2<br>Ø<br>m/m | K<br>m/m | W<br>m/m | I<br>m/m | (N)  | (N)  | Part No./Ref. |
|----------------|---------------------|------------|-------------|----------------|----------|----------|----------|------|------|---------------|
| <b>3,2</b>     | <b>9,5</b>          | 1,5 - 6,0  | 3,30 - 3,50 | 5,80           | 1,1      | 1,80     | 11,00    | 700  | 980  | 01090003209   |
| <b>4,0</b>     | <b>11,0</b>         | 2,0 - 8,0  | 4,10 - 4,30 | 7,30           | 1,30     | 2,20     | 12,80    | 1200 | 1600 | 01090004011   |
| <b>4,8</b>     | <b>12,0</b>         | 2,0 - 7,5  | 4,90 - 5,10 | 8,80           | 1,60     | 2,75     | 14,20    | 1470 | 2400 | 01090004812   |
|                | <b>16,5</b>         | 6,0 - 12,0 |             |                |          |          | 18,70    |      |      | 01090004816   |

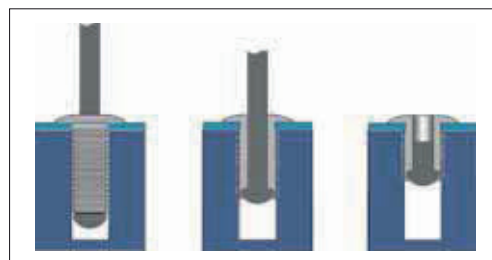
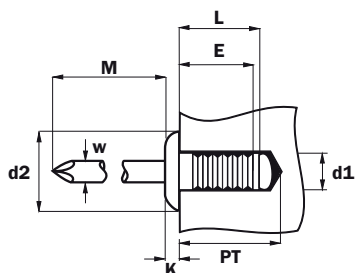
# BLIND RIVET GROOVED REMACHE RANURADO



| English                                  | Español                               | Français                          | Deutsch                              | Portugues                         |
|--|---------------------------------------|-----------------------------------|--------------------------------------|-----------------------------------|
| Dome head                                | Cabeza alomada                        | Tête plate                        | Flachrundkopf                        | Cabeça boleada                    |
| Body: Aluminium *<br>3,5% Mg             | Cuerpo: Aluminio *<br>3,5% Mg         | Corps: Aluminium *<br>3,5% Mg     | Hülse: Aluminium *<br>3,5% Mg        | Corpo: Aluminio *<br>3,5% Mg      |
| Mandrel: Steel **<br>zincplated 3 µ mín. | Vástago: Acero **<br>cincado 3 µ mín. | Clou: Acier **<br>zingué 3 µ mín. | Dorn: Stahl, **<br>verzinkt 3 µ mín. | Prego: Aço **<br>zincado 3 µ mín. |

\* Al Mg 3,5 EN AW 5154

\*\* Steel /acero DIN EN 10016-2 SAE 1010-1020-1030-1040



| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | E<br>m/m |      | d2<br>Ø<br>m/m | K<br>m/m | W<br>m/m | PT<br>m/m | (N)  | (N)         | Part No./Ref. |
|----------------|---------------------|----------|------|----------------|----------|----------|-----------|------|-------------|---------------|
| <b>3,2</b>     | <b>10</b>           | 6,0      | 3,50 | 6,50           | 0,80     | 1,80     | 13        | 600  | 800         | 01700003210   |
|                | <b>4,0</b>          | <b>8</b> | 4,0  | 4,30           | 8,00     | 1,00     | 2,20      | 900  | 1400        | 01700004008   |
|                | <b>12</b>           | 6,0      |      |                |          |          | 15        |      |             | 01700004012   |
|                | <b>16</b>           | 8,0      |      |                |          |          | 19        |      |             | 01700004016   |
| <b>4,8</b>     | <b>8</b>            | 4,0      | 5,10 | 9,50           | 1,10     | 2,73     | 11        | 1600 | 2600        | 01700004808   |
|                | <b>10</b>           | 6,0      |      |                |          |          | 13        |      |             | 01700004810   |
|                | <b>12</b>           | 8,0      |      |                |          |          | 15        |      |             | 01700004812   |
|                | <b>14</b>           | 10,0     |      |                |          |          | 17        |      |             | 01700004814   |
|                | <b>18</b>           | 13,0     |      |                |          |          | 21        |      |             | 01700004818   |
|                | <b>21</b>           | 15,0     |      |                |          |          | 24        |      |             | 01700004821   |
| <b>24</b>      | 20,0                |          |      |                |          | 27       |           |      | 01700004824 |               |

**PT** Profundidad de taladro  
Drill depth  
Bohrlochtiefe  
Profundidade do furo  
Profondeur de perçage

# RIVET SOFT MATERIALS

## REMACHE MATERIALES BLANDOS

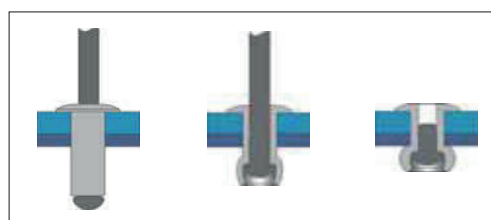
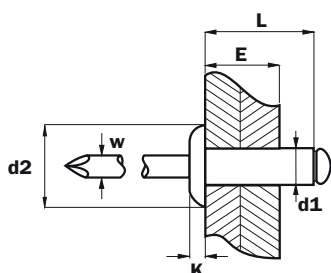
UNE - EN ISO 15977



| English                      | Español                       | Français                      | Deutsch                       | Portugues                    |
|------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|
| Dome head                    | Cabeza alomada                | Tête plate                    | Flachrundkopf                 | Cabeça boleada               |
| Body: Aluminium *<br>3,5% Mg | Cuerpo: Aluminio *<br>3,5% Mg | Corps: Aluminium *<br>3,5% Mg | Hülse: Aluminium *<br>3,5% Mg | Corpo: Aluminio *<br>3,5% Mg |
| Mandrel: Steel **            | Vástago: Acero **             | Clou: Acier **                | Dorn: Stahl **                | Prego: Aço **                |

\* Al Mg 3,5 EN AW 5154

\*\* Steel /acero DIN EN 10016-2 SAE 1010-1020-1030-1040



| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | E<br>m/m    | d2<br>Ø<br>m/m | K<br>m/m | W<br>m/m | (N)  | (N)  | Part No./Ref. |             |
|----------------|---------------------|-------------|----------------|----------|----------|------|------|---------------|-------------|
| <b>4,0</b>     | 6                   | 1,5 - 3,0   | 4,10           | 8,00     | 1,00     | 2,20 | 1200 | 1800          | G1350004006 |
|                | 8                   | 3,0 - 4,5   |                |          |          |      |      |               | G1350004008 |
|                | 10                  | 4,5 - 6,5   |                |          |          |      |      |               | G1350004010 |
|                | 12                  | 6,5 - 8,5   |                |          |          |      |      |               | G1350004012 |
|                | 14                  | 8,5 - 10,5  |                |          |          |      |      |               | G1350004014 |
|                | 16                  | 10,5 - 12,5 |                |          |          |      |      |               | G1350004016 |
|                | 18                  | 12,5 - 14,5 |                |          |          |      |      |               | G1350004018 |
|                | 20                  | 14,5 - 16,5 |                |          |          |      |      |               | G1350004020 |
| <b>4,8</b>     | 6                   | 0,5 - 3,0   | 4,90           | 9,50     | 1,10     | 2,73 | 2000 | 2700          | G1350004806 |
|                | 8                   | 3,0 - 4,5   |                |          |          |      |      |               | G1350004808 |
|                | 10                  | 4,5 - 6,0   |                |          |          |      |      |               | G1350004810 |
|                | 12                  | 6,0 - 8,0   |                |          |          |      |      |               | G1350004812 |
|                | 14                  | 8,0 - 10,0  |                |          |          |      |      |               | G1350004814 |
|                | 16                  | 10,0 - 12,0 |                |          |          |      |      |               | G1350004816 |
|                | 18                  | 12,0 - 14,0 |                |          |          |      |      |               | G1350004818 |
|                | 21                  | 14,0 - 17,0 |                |          |          |      |      |               | G1350004821 |
|                | 24                  | 17,0 - 20,0 |                |          |          |      |      |               | G1350004824 |
|                | 27                  | 20,0 - 23,0 |                |          |          |      |      |               | G1350004827 |
|                | 30                  | 23,0 - 25,0 |                |          |          |      |      |               | G1350004830 |
|                | 32                  | 25,0 - 27,0 |                |          |          |      |      |               | G1350004832 |
| <b>5,0</b>     | 6                   | 0,5 - 3,0   | 5,10           | 9,50     | 1,10     | 2,73 | 2250 | 3000          | G1350005006 |
|                | 8                   | 3,0 - 4,5   |                |          |          |      |      |               | G1350005008 |
|                | 10                  | 4,5 - 6,0   |                |          |          |      |      |               | G1350005010 |
|                | 12                  | 6,0 - 8,0   |                |          |          |      |      |               | G1350005012 |
|                | 14                  | 8,0 - 10,0  |                |          |          |      |      |               | G1350005014 |
|                | 16                  | 10,0 - 12,0 |                |          |          |      |      |               | G1350005016 |
|                | 18                  | 12,0 - 14,0 |                |          |          |      |      |               | G1350005018 |
|                | 20                  | 14,0 - 16,0 |                |          |          |      |      |               | G1350005020 |
|                | 25                  | 16,0 - 21,0 |                |          |          |      |      |               | G1350005025 |
|                | 30                  | 21,0 - 25,0 |                |          |          |      |      |               | G1350005030 |
| <b>6,0</b>     | 18                  | 11,0 - 13,0 | 6,10           | 12,00    | 1,50     | 3,20 | 2500 | 3900          | G1350006018 |



# RIVET SOFT MATERIALS

## REMACHE MATERIALES BLANDOS

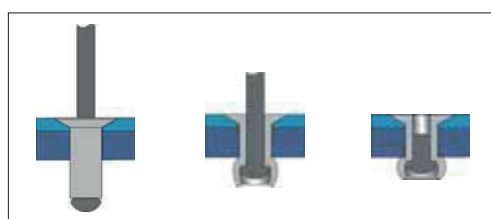
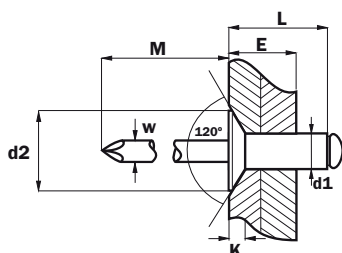
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





| English                      | Español                       | Français                      | Deutsch                       | Portugues                    |
|------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|
| Countersunk head             | Cabeza avellanada             | Tête fraisee                  | Senkkopf                      | Cabeça embeber               |
| Body: Aluminium *<br>3,5% Mg | Cuerpo: Aluminio *<br>3,5% Mg | Corps: Aluminium *<br>3,5% Mg | Hülse: Aluminium *<br>3,5% Mg | Corpo: Aluminio *<br>3,5% Mg |
| Mandrel: Steel **            | Vástago: Acero **             | Clou: Acier **                | Dorn: Stahl **                | Prego: Aço **                |

\* Al Mg 3,5 EN AW 5154

\*\* Steel /acero DIN EN 10016-2 SAE 1010-1020-1030-1040



| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | <br>E<br>m/m |  | d2<br>Ø<br>m/m | K<br>m/m | W<br>m/m |  (N) |  (N) | Part No/Ref. |
|----------------|---------------------|--|---|----------------|----------|----------|---|--|--------------|
| <b>4,8</b>     | <b>16</b>           | 10,0 - 12,0  | 4,90  | 9,50           | 1,50     | 2,65     | 2000  | 2700   | 01360004816  |
|                | <b>24</b>           | 17,0 - 20,0  |   |                |          |          |   |  | 01360004824  |
|                | <b>27</b>           | 20,0 - 23,0  |   |                |          |          |   |  | 01360004827  |
|                | <b>30</b>           | 23,0 - 25,0  |   |                |          |          |   |  | G1360004830  |
|                | <b>32</b>           | 25,0 - 27,0  |   |                |          |          |   |  | G1360004832  |

# RIVET SOFT MATERIALS

## REMACHE MATERIALES BLANDOS

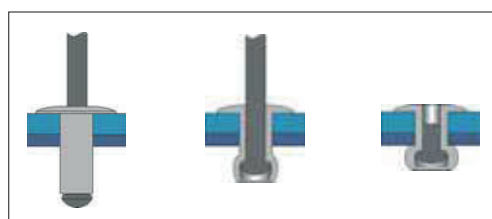
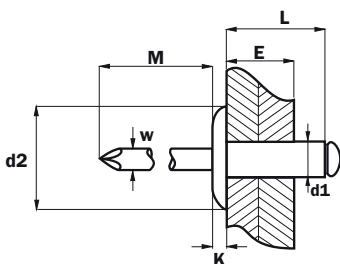
UNE - EN ISO 15977



| English                      | Español                       | Français                      | Deutsch                       | Portugues                    |
|------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|
| Large head                   | Cabeza ancha                  | Tête large                    | Grosskopf                     | Cabeça larga                 |
| Body: Aluminium *<br>3,5% Mg | Cuerpo: Aluminio *<br>3,5% Mg | Corps: Aluminium *<br>3,5% Mg | Hülse: Aluminium *<br>3,5% Mg | Corpo: Aluminio *<br>3,5% Mg |
| Mandrel: Steel **            | Vástago: Acero **             | Clou: Acier **                | Dorn: Stahl **                | Prego: Aço **                |

\* Al Mg 3,5 EN AW 5154

\*\* Steel /acero DIN EN 10016-2 SAE 1010-1020-1030-1040



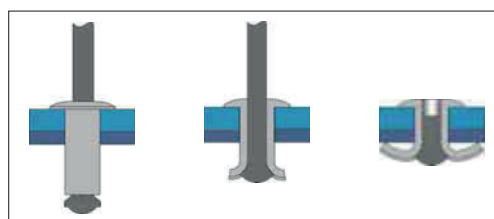
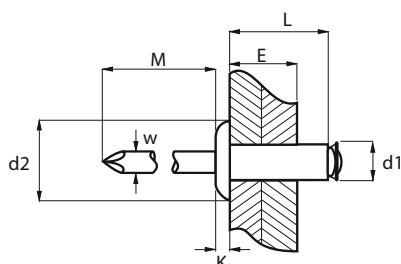
| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | E<br>m/m    |      | d2<br>Ø<br>m/m | K<br>m/m | W<br>m/m | (N)  | (N)  | Part No/Ref. |
|----------------|---------------------|-------------|------|----------------|----------|----------|------|------|--------------|
| <b>4,8</b>     | <b>10</b>           | 4,5 - 6,0   | 4,90 | 14,00          | 1,80     | 2,73     | 2000 | 2000 | G1370004810  |
|                | <b>12</b>           | 6,0 - 8,0   |      |                |          |          |      |      | G1370004812  |
|                | <b>14</b>           | 8,0 - 10,0  |      |                |          |          |      |      | G1370004814  |
|                | <b>16</b>           | 10,0 - 12,0 |      |                |          |          |      |      | G1370004816  |
|                | <b>18</b>           | 12,0 - 14,0 |      |                |          |          |      |      | G1370004818  |
|                | <b>21</b>           | 14,0 - 17,0 |      |                |          |          |      |      | G1370004821  |
|                | <b>24</b>           | 17,0 - 20,0 |      |                |          |          |      |      | G1370004824  |
|                | <b>27</b>           | 20,0 - 23,0 |      |                |          |          |      |      | G1370004827  |
|                | <b>30</b>           | 23,0 - 25,0 |      |                |          |          |      |      | G1370004830  |
|                | <b>35</b>           | 25,0 - 30,0 |      |                |          |          |      |      | G1370004835  |
| <b>4,8</b>     | <b>25</b>           | 16,0 - 21,0 | 4,90 | 19,00          | 2,25     | 2,73     | 2000 | 2700 | G1041004825  |
|                | <b>30</b>           | 21,0 - 25,0 |      |                |          |          |      |      | G1041004830  |

# BLIND RIVET PEELED REMACHE FLOR



| English                                  | Español                               | Français                          | Deutsch                             | Portugues                         |
|--|---------------------------------------|-----------------------------------|-------------------------------------|-----------------------------------|
| Dome head                                | Cabeza alomada                        | Tête plate                        | Flachrundkopf                       | Cabeça boleada                    |
| Body: Aluminium *<br>3,5% Mg             | Cuerpo: Aluminio *<br>3,5% Mg         | Corps: Aluminium *<br>3,5% Mg     | Hülse: Aluminium *<br>3,5% Mg       | Corpo: Aluminio *<br>3,5% Mg      |
| Mandrel: Steel **<br>zincplated 3 µ mín. | Vástago: Acero **<br>cincado 3 µ mín. | Clou: Acier **<br>zingué 3 µ mín. | Dorn: Stahl **<br>verzinkt 3 µ mín. | Prego: Aço **<br>zincado 3 µ mín. |

\* Al Mg 3,5 EN AW 5154  
\*\* Steel /acero DIN EN 10016-2 SAE 1010-1020-1030-1040



| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | E<br>m/m |      | d2<br>Ø<br>m/m | K<br>m/m | W<br>m/m | (N)  | (N)         | Part No./Ref. |
|----------------|---------------------|----------|------|----------------|----------|----------|------|-------------|---------------|
| <b>3,2</b>     | 8                   | 3,5      | 3,40 | 6,50           | 0,80     | 1,80     | 1000 | 1200        | 01130003208   |
|                | 10                  | 5,0      |      |                |          |          |      |             | 01130003210   |
|                | 12                  | 7,0      |      |                |          |          |      |             | 01130003212   |
|                | 14                  | 9,0      |      |                |          |          |      |             | 01130003214   |
|                | 16                  | 11,0     |      |                |          |          |      |             | 01130003216   |
|                | 18                  | 13,0     |      |                |          |          |      |             | 01130003218   |
| <b>4,0</b>     | 8                   | 4,0      | 4,20 | 8,00           | 1,00     | 2,20     | 1400 | 1450        | 01130004008   |
|                | 10                  | 6,0      |      |                |          |          |      |             | 01130004010   |
|                | 12                  | 8,0      |      |                |          |          |      |             | 01130004012   |
|                | 14                  | 10,0     |      |                |          |          |      |             | 01130004014   |
|                | 16                  | 12,0     |      |                |          |          |      |             | 01130004016   |
|                | 18                  | 14,0     |      |                |          |          |      |             | 01130004018   |
|                | 20                  | 16,0     |      |                |          |          |      |             | 01130004020   |
| 25             | 21,0                |          |      |                |          |          |      | 01130004025 |               |
| <b>4,8</b>     | 10                  | 5,0      | 5,00 | 9,50           | 1,10     | 2,73     | 1800 | 1570        | 01130004810   |
|                | 12                  | 7,0      |      |                |          |          |      |             | 01130004812   |
|                | 14                  | 9,0      |      |                |          |          |      |             | 01130004814   |
|                | 16                  | 11,0     |      |                |          |          |      |             | 01130004816   |
|                | 18                  | 13,0     |      |                |          |          |      |             | 01130004818   |
|                | 21                  | 16,0     |      |                |          |          |      |             | 01130004821   |
|                | 24                  | 19,0     |      |                |          |          |      |             | 01130004824   |
|                | 27                  | 22,0     |      |                |          |          |      |             | 01130004827   |
|                | 30                  | 25,0     |      |                |          |          |      |             | 01130004830   |
|                | 32                  | 27,0     |      |                |          |          |      |             | 01130004832   |
|                | 35                  | 30,0     |      |                |          |          |      |             | 01130004835   |
|                | 40                  | 32,0     |      |                |          |          |      |             | 01130004840   |
|                | 45                  | 37,0     |      |                |          |          |      |             | 01130004845   |
| 50             | 42,0                |          |      |                |          |          |      | 01130004850 |               |

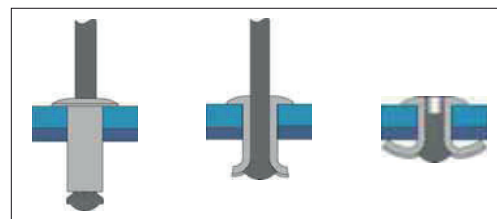
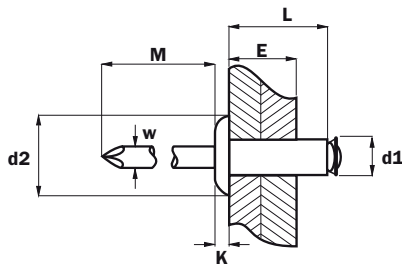
# BLIND RIVET PEELED REMACHE FLOR



| English                                  | Español                               | Français                          | Deutsch                             | Portugues                         |
|--|---------------------------------------|-----------------------------------|-------------------------------------|-----------------------------------|
| Dome head                                | Cabeza alomada                        | Tête plate                        | Flachrundkopf                       | Cabeça boleada                    |
| Body: Aluminium *<br>3,5% Mg             | Cuerpo: Aluminio *<br>3,5% Mg         | Corps: Aluminium *<br>3,5% Mg     | Hülse: Aluminium *<br>3,5% Mg       | Corpo: Aluminio *<br>3,5% Mg      |
| Mandrel: Steel **<br>zincplated 3 µ mín. | Vástago: Acero **<br>cincado 3 µ mín. | Clou: Acier **<br>zingué 3 µ mín. | Dorn: Stahl **<br>verzinkt 3 µ mín. | Prego: Aço **<br>zincado 3 µ mín. |

\* Al Mg 3,5 EN AW 5154

\*\* Steel /acero DIN EN 10016-2 SAE 1010-1020-1030-1040



| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | E<br>m/m<br>MAX. |      | d2<br>Ø<br>m/m | K<br>m/m | W<br>m/m | (N)  | (N)          | Part No/Ref. |
|----------------|---------------------|------------------|------|----------------|----------|----------|------|--------------|--------------|
| <b>5,0</b>     | 40                  | 32,0             | 5,20 | 9,30           | 1,50     | 2,73     | 2000 | 2100         | 01130005040  |
|                | 45                  | 37,0             |      |                |          |          |      |              | 01130005045  |
|                | 50                  | 42,0             |      |                |          |          |      |              | 01130005050  |
|                | 55                  | 47,0             |      |                |          |          |      |              | 01130005055  |
|                | 60                  | 52,0             |      |                |          |          |      |              | 01130005060  |
|                | 65                  | 57,0             |      |                |          |          |      |              | 01130005065  |
|                | 70                  | 62,0             |      |                |          |          |      |              | 01130005070  |
|                | 75                  | 68,0             |      |                |          |          |      |              | 01130005075  |
|                | 80                  | 72,0             |      |                |          |          |      |              | 01130005080  |
|                | 90                  | 80,0             |      |                |          |          |      |              | 01130005090  |
|                | 100                 | 90,0             |      |                |          |          |      |              | 011300050100 |
|                | 110                 | 100,0            |      |                |          |          |      |              | 011300050110 |
|                | 120                 | 110,0            |      |                |          |          |      |              | 011300050120 |
|                | 130                 | 120,0            |      |                |          |          |      |              | 011300050130 |
|                | 140                 | 130,0            |      |                |          |          |      |              | 011300050140 |
|                | 150                 | 140,0            |      |                |          |          |      |              | 011300050150 |
|                | 160                 | 150,0            |      |                |          |          |      |              | 011300050160 |
| 170            | 160,0               |                  |      |                |          |          |      | 011300050170 |              |
| 180            | 170,0               |                  |      |                |          |          |      | 011300050180 |              |
| 190            | 180,0               |                  |      |                |          |          |      | 011300050190 |              |
| <b>6,4</b>     | 35                  | 25,0             | 6,60 | 13,00          | 2,00     | 3,50     | 2450 | 3500         | 01130006435  |
|                | 50                  | 40,0             |      |                |          |          |      |              | 01130006450  |
|                | 80                  | 70,0             |      |                |          |          |      |              | 01130006480  |
|                | 100                 | 90,0             |      |                |          |          |      |              | 011300064100 |
|                | 120                 | 110,0            |      |                |          |          |      |              | 011300064120 |
|                | 125                 | 120,0            |      |                |          |          |      |              | 011300064125 |
|                | 150                 | 140,0            |      |                |          |          |      |              | 011300064150 |
|                | 175                 | 165,0            |      |                |          |          |      |              | 011300064175 |
| 190            | 180,0               |                  |      |                |          |          |      | 011300064200 |              |

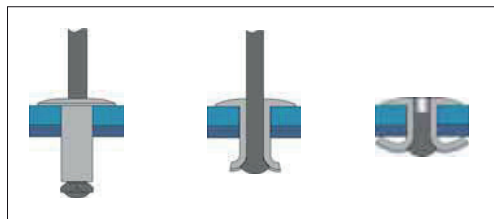
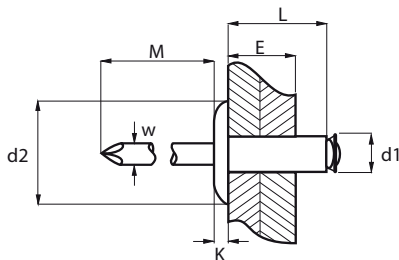
# BLIND RIVET PEELED REMACHE FLOR



| English                                  | Español                               | Français                          | Deutsch                             | Portugues                         |
|--|---------------------------------------|-----------------------------------|-------------------------------------|-----------------------------------|
| Large head                               | Cabeza ancha                          | Tête Large                        | Grosskopf                           | Cabeça larga                      |
| Body: Aluminium *<br>3,5% Mg             | Cuerpo: Aluminio *<br>3,5% Mg         | Corps: Aluminium *<br>3,5% Mg     | Hülse: Aluminium *<br>3,5% Mg       | Corpo: Aluminio *<br>3,5% Mg      |
| Mandrel: Steel **<br>zincplated 3 µ mín. | Vástago: Acero **<br>cincado 3 µ mín. | Clou: Acier **<br>zingué 3 µ mín. | Dorn: Stahl **<br>verzinkt 3 µ mín. | Prego: Aço **<br>zincado 3 µ mín. |

\* Al Mg 3,5 EN AW 5154

\*\* Steel /acero DIN EN 10016-2 SAE 1010-1020-1030-1040



| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | E<br>m/m<br>MAX. |      | d2<br>Ø<br>m/m | K<br>m/m | W<br>m/m | (N)  | (N)  | Part No/Ref. |
|----------------|---------------------|------------------|------|----------------|----------|----------|------|------|--------------|
| <b>4,0</b>     | 8                   | 4,0              | 4,20 | 12,00          | 1,40     | 2,20     | 1750 | 1450 | 01150004008  |
|                | 10                  | 6,0              |      |                |          |          |      |      | 01150004010  |
|                | 12                  | 8,0              |      |                |          |          |      |      | 01150004012  |
|                | 14                  | 10,0             |      |                |          |          |      |      | 01150004014  |
|                | 16                  | 12,0             |      |                |          |          |      |      | 01150004016  |
|                | 18                  | 14,0             |      |                |          |          |      |      | 01150004018  |
|                | 20                  | 16,0             |      |                |          |          |      |      | 01150004020  |
| <b>4,8</b>     | 10                  | 5,0              | 5,00 | 14,00          | 1,80     | 2,73     | 2100 | 1570 | 01140004810  |
|                | 12                  | 7,0              |      |                |          |          |      |      | 01140004812  |
|                | 14                  | 9,0              |      |                |          |          |      |      | 01140004814  |
|                | 16                  | 11,0             |      |                |          |          |      |      | 01140004816  |
|                | 18                  | 13,0             |      |                |          |          |      |      | 01140004818  |
|                | 21                  | 16,0             |      |                |          |          |      |      | 01140004821  |
|                | 24                  | 19,0             |      |                |          |          |      |      | 01140004824  |
|                | 27                  | 22,0             |      |                |          |          |      |      | 01140004827  |
|                | 30                  | 25,0             |      |                |          |          |      |      | 01140004030  |
|                | 35                  | 30,0             |      |                |          |          |      |      | 01140004030  |
| <b>4,8</b>     | 21                  | 16,0             | 5,00 | 11,00          | 1,80     | 2,73     | 2100 | 1570 | 01131004821  |

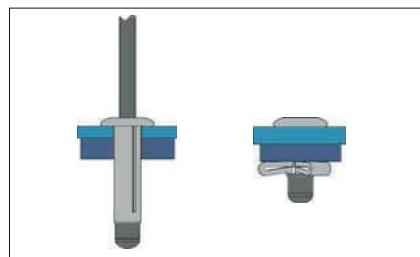
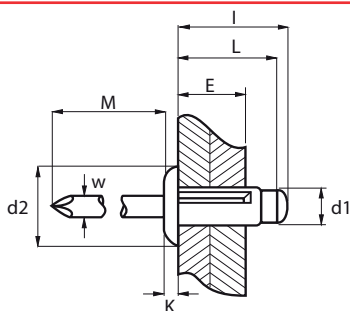
# BLIND RIVET TREBOL REMACHE TREBOL







| English                          | Español                         | Français                      | Deutsch                       | Portugues                     |
|----------------------------------|---------------------------------|-------------------------------|-------------------------------|-------------------------------|
| Dome head                        | Cabeza alomada                  | Tête plate                    | Flachrundkopf                 | Cabeça boleada                |
| Body: Aluminium *<br>3% Mg       | Cuerpo: Aluminio *<br>3% Mg     | Corps: Aluminium *<br>3% Mg   | Hülse: Aluminium *<br>3% Mg   | Corpo: Aluminio *<br>3% Mg    |
| Mandrel: Aluminium **<br>3,5% Mg | Vástago: Aluminio **<br>3,5% Mg | Clou: Aluminium **<br>3,5% Mg | Dorn: Aluminium **<br>3,5% Mg | Prego: Aluminio **<br>3,5% Mg |

\* Al Mg 3 EN AW 5754

\*\* Al Mg 3,5 EN AW 5154



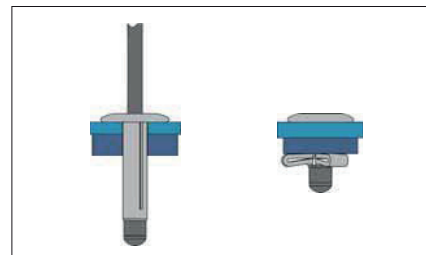
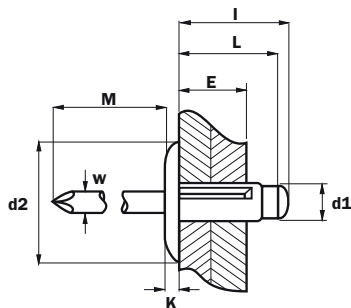
| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | <br>E<br>m/m |  | d2<br>Ø<br>m/m | K<br>m/m | W<br>m/m | I<br>m/m |  (N) |  (N) | Part No./Ref. |
|----------------|---------------------|--|---|----------------|----------|----------|----------|--|---|---------------|
| <b>4,0</b>     | <b>13,6</b>         | 1,0 - 3,0  | 4,20 - 4,50   | 8,00           | 1,40     | 2,40     | 15,40    | 500  | 1000  | 01610004013   |
|                | <b>18,8</b>         | 1,0 - 7,0  |   |                |          |          | 20,60    |  |   | 01610004018   |
|                | <b>24,5</b>         | 4,0 - 12,0   |   |                |          |          | 26,30    |  |   | 01610004024   |
| <b>4,8</b>     | <b>15,3</b>         | 1,0 - 3,0  | 5,00 - 5,30   | 10,00          | 1,60     | 2,82     | 16,70    | 900  | 1100  | 01610004815   |
|                | <b>20,5</b>         | 1,0 - 9,0  |   |                |          |          | 21,90    |  |   | 01610004820   |
|                | <b>24,5</b>         | 4,0 - 12,0   |   |                |          |          | 25,90    |  |   | 01610004824   |
|                | <b>28,0</b>         | 6,0 - 16,0   |   |                |          |          | 29,40    |  |   | 01610004828   |





# BLIND RIVET TREBOL REMACHE TREBOL



| English                        | Español                        | Français                      | Deutsch                       | Portugues                    |
|--------------------------------|--------------------------------|-------------------------------|-------------------------------|------------------------------|
| Large head                     | Cabeza ancha                   | Tête large                    | Grosskopf                     | Cabeça larga                 |
| Body: Aluminium *<br>2,5% Mg   | Cuerpo: Aluminio *<br>2,5% Mg  | Corps: Aluminium *<br>2,5% Mg | Hülse: Aluminium *<br>2,5% Mg | Corpo: Aluminio *<br>2,5% Mg |
| Mandrel:Aluminium *<br>2,5% Mg | Vástago: Aluminio *<br>2,5% Mg | Clou: Aluminium *<br>2,5% Mg  | Dorn: Aluminium *<br>2,5% Mg  | Prego: Aluminio *<br>2,5% Mg |

\* Al Mg 2,5 EN AW 5052



| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | <br>E<br>m/m |  | d2<br>Ø<br>m/m | K<br>m/m | W<br>m/m | I<br>m/m |  (N) |  (N) | Part No/Ref. |
|----------------|---------------------|--|---|----------------|----------|----------|----------|--|---|--------------|
| <b>4,0</b>     | <b>18,8</b>         | 1,0 - 7,0  | 4,20 - 4,50   | 12,00          | 1,40     | 2,40     | 20,60    | 500  | 1000  | 01640004018  |
| <b>4,8</b>     | <b>20,5</b>         | 1,0 - 9,0  | 5,00 - 5,30   | 14,00          | 1,60     | 2,82     | 21,90    | 900  | 1100  | 01630004820  |
|                | <b>24,5</b>         | 4,0 - 12,0   |   |                |          |          | 25,90    |  |   | 01630004824  |
| <b>4,8</b>     | <b>20,5</b>         | 1,0 - 9,0  | 5,00 - 5,30   | 16,00          | 1,60     | 2,82     | 21,90    | 900  | 1100  | 01640004820  |

# BLIND RIVET S-TREBOL

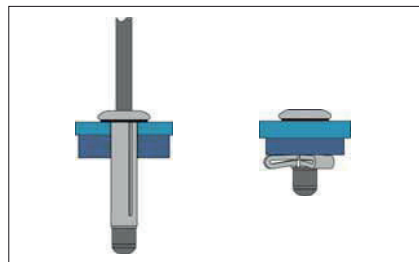
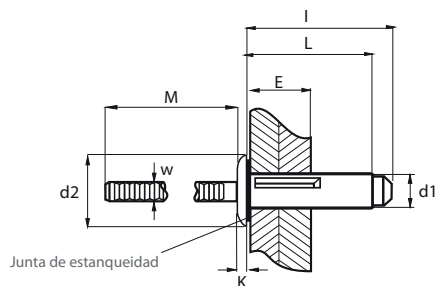
## REMACHE S-TREBOL







| English                      | Español                       | Français                      | Deutsch                       | Portugues                    |
|------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|
| Dome head                    | Cabeza alomada                | Tête plate                    | Flachrundkopf                 | Cabeça boleada               |
| Body: Aluminium *<br>3,5% Mg | Cuerpo: Aluminio *<br>3,5% Mg | Corps: Aluminium *<br>3,5% Mg | Hülse: Aluminium *<br>3,5% Mg | Corpo: Aluminio *<br>3,5% Mg |
| Mandrel:Aluminium **         | Vástago: Aluminio **          | Clou: Aluminium **            | Dorn: Aluminium **            | Prego: Aluminio **           |

\* Al Mg 3,5 EN AW 5154

\*\* Al EN AW2027



| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | <br>E<br>m/m |  | d2<br>Ø<br>m/m | K<br>m/m | W<br>m/m | I<br>m/m |  (N) |  (N) | Part No/Ref. |
|----------------|---------------------|--|---|----------------|----------|----------|----------|--|--|--------------|
| <b>5,2</b>     | <b>20,5</b>         | 0,5 - 5,1  | 5,30 - 5,60   | 11,40          | 2,00     | 3,10     | 23,75    | 3000   | 1700   | 01650005220  |
|                | <b>26,5</b>         | 4,5 - 11,0   |   |                |          |          | 29,75    |  |  | 01650005226  |
| <b>6,4</b>     | <b>23,5</b>         | 1,5 - 6,5  | 6,50 - 6,70   | 14,00          | 2,60     | 3,40     | 28,50    | 4000   | 2500   | 01650006423  |
| <b>7,4</b>     | <b>28,5</b>         | 1,5 - 9,5  | 7,90 - 8,30   | 19,00          | 4,00     | 6,50     | 35,00    | 4800   | 4300   | G1654007828  |



# BLIND RIVET SEALED REMACHE ESTANCO

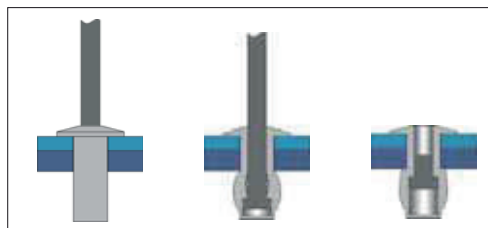
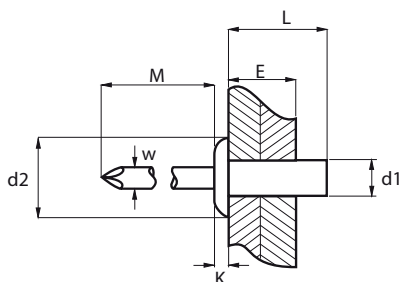
UNE - EN ISO 15973



| English                         | Español                       | Français                    | Deutsch                     | Portugues                  |
|---------------------------------|-------------------------------|-----------------------------|-----------------------------|----------------------------|
| Dome head                       | Cabeza alomada                | Tête plate                  | Flachrundkopf               | Cabeça boleada             |
| Body: Aluminium *<br>5% Mg      | Cuerpo: Aluminio *<br>5% Mg   | Corps: Aluminium *<br>5% Mg | Hülse: Aluminium *<br>5% Mg | Corpo: Aluminio *<br>5% Mg |
| Mandrel: Steel **<br>lubricated | Vástago: Acero **<br>aceitado | Clou: Acier **<br>huilé     | Dorn: Stahl **<br>geölt     | Prego: Aço **<br>oleado    |

\* Al Mg 5 EN AW 5019

\*\* Steel /acero DIN EN 10016-2 SAE 1010-1020-1030-1040



| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | E<br>m/m    |      | d2<br>Ø<br>m/m | K<br>m/m | W<br>m/m | (N)  | (N)  | Part No./Ref. |
|----------------|---------------------|-------------|------|----------------|----------|----------|------|------|---------------|
| <b>3,2</b>     | 6,5                 | 0,5 - 2,0   | 3,30 | 6,00           | 0,90     | 1,70     | 1100 | 1450 | 01110003206   |
|                | 8,0                 | 2,0 - 3,5   |      |                |          |          |      |      | 01110003208   |
|                | 9,5                 | 3,5 - 5,0   |      |                |          |          |      |      | 01110003209   |
|                | 11,0                | 5,0 - 6,5   |      |                |          |          |      |      | 01110003211   |
|                | 12,5                | 6,5 - 8,0   |      |                |          |          |      |      | 01110003212   |
| <b>4,0</b>     | 8,0                 | 0,5 - 3,5   | 4,10 | 8,00           | 1,40     | 2,20     | 1600 | 2200 | 01110004008   |
|                | 9,5                 | 3,5 - 5,0   |      |                |          |          |      |      | 01110004010   |
|                | 11,0                | 5,0 - 6,5   |      |                |          |          |      |      | 01110004011   |
|                | 12,5                | 6,5 - 8,0   |      |                |          |          |      |      | 01110004013   |
|                | 14,5                | 8,0 - 10,0  |      |                |          |          |      |      | 01110004015   |
| <b>4,8</b>     | 8,5                 | 0,5 - 3,5   | 4,90 | 9,50           | 1,50     | 2,65     | 2200 | 3100 | 01110004808   |
|                | 9,5                 | 3,5 - 5,0   |      |                |          |          |      |      | 01110004810   |
|                | 11,0                | 5,0 - 6,5   |      |                |          |          |      |      | 01110004811   |
|                | 13,0                | 6,5 - 8,0   |      |                |          |          |      |      | 01110004813   |
|                | 14,5                | 8,0 - 9,5   |      |                |          |          |      |      | 01110004814   |
|                | 16,0                | 9,5 - 11,0  |      |                |          |          |      |      | 01110004816   |
|                | 18,0                | 11,0 - 13,0 |      |                |          |          |      |      | 01110004818   |
|                | 21,0                | 13,0 - 16,0 |      |                |          |          |      |      | 01110004821   |
| 25,0           | 16,0 - 20,0         | 01110004825 |      |                |          |          |      |      |               |
| <b>6,4</b>     | 12,5                | 4,0 - 7,0   | 6,50 | 12,50          | 1,80     | 3,60     | 4900 | 4000 | 01110006412   |
|                | 15,5                | 7,0 - 10,0  |      |                |          |          |      |      | 01110006415   |

# BLIND RIVET SEALED REMACHE ESTANCO

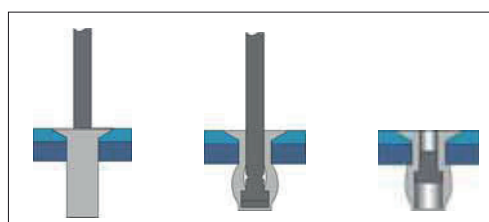
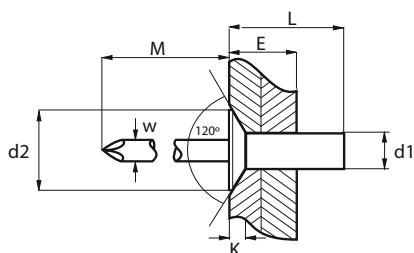
UNE - EN ISO 15974



| English                         | Español                       | Français                    | Deutsch                     | Portugues                  |
|---------------------------------|-------------------------------|-----------------------------|-----------------------------|----------------------------|
| Countersunk head 120°           | Cabeza avellanada 120°        | Tête fraisee 120°           | Senkkopf 120°               | Cabeça embeber 120°        |
| Body: Aluminium *<br>5% Mg      | Cuerpo: Aluminio *<br>5% Mg   | Corps: Aluminium *<br>5% Mg | Hülse: Aluminium *<br>5% Mg | Corpo: Aluminio *<br>5% Mg |
| Mandrel: Steel **<br>lubricated | Vástago: Acero **<br>aceitado | Clou: Acier **<br>huilé     | Dorn: Stahl **<br>geölt     | Prego: Aço **<br>oleado    |

\* Al Mg 5 EN AW 5019

\*\* Steel /acero DIN EN 10016-2 SAE 1010-1020-1030-1040



| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | E<br>m/m    |  | d2<br>Ø<br>m/m | K<br>m/m | W<br>m/m | (N)  | (N)  | Part No/Ref. |
|----------------|---------------------|-------------|--|----------------|----------|----------|------|------|--------------|
| <b>4,8</b>     | <b>10,0</b>         | 4,5 - 6,0   |  | 4,90           | 9,50     | 2,65     | 2200 | 3100 | 01112004810  |
|                | <b>12,5</b>         | 6,0 - 8,0   |  |                |          |          |      |      | 01112004813  |
|                | <b>14,5</b>         | 8,0 - 10,0  |  |                |          |          |      |      | 01112004814  |
|                | <b>16,0</b>         | 10,0 - 12,0 |  |                |          |          |      |      | 01112004816  |
|                | <b>22,0</b>         | 13,0 - 18,0 |  |                |          |          |      |      | 01112004822  |

# BLIND RIVET SEALED REMACHE ESTANCO

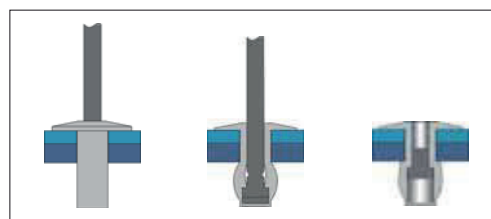
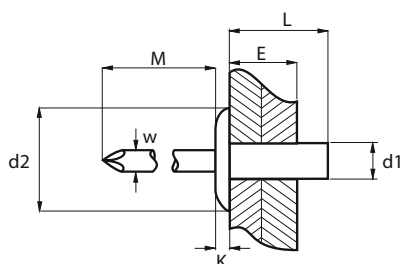
UNE - EN ISO 15974



| English                         | Español                       | Français                    | Deutsch                     | Portugues                  |
|---------------------------------|-------------------------------|-----------------------------|-----------------------------|----------------------------|
| Large head                      | Cabeza ancha                  | Tête large                  | Grosskopf                   | Cabeça larga               |
| Body: Aluminium *<br>5% Mg      | Cuerpo: Aluminio *<br>5% Mg   | Corps: Aluminium *<br>5% Mg | Hülse: Aluminium *<br>5% Mg | Corpo: Aluminio *<br>5% Mg |
| Mandrel: Steel **<br>lubricated | Vástago: Acero **<br>aceitado | Clou: Acier **<br>huilé     | Dorn: Stahl **<br>geölt     | Prego: Aço **<br>oleado    |

\* Al Mg 5 EN AW 5019

\*\* Steel /acero DIN EN 10016-2 SAE 1010-1020-1030-1040



| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | E<br>m/m    |      | d2<br>Ø<br>m/m | K<br>m/m | W<br>m/m | (N)  | (N)  | Part No./Ref. |
|----------------|---------------------|-------------|------|----------------|----------|----------|------|------|---------------|
| 4,8            | 13,0                | 6,5 - 8,0   | 4,90 | 14,00          | 1,80     | 2,75     | 2200 | 3100 | 01120004813   |
|                | 18,0                | 10,5 - 12,5 |      |                |          |          |      |      | 01120004818   |

# BLIND RIVET SEALED REMACHE ESTANCO

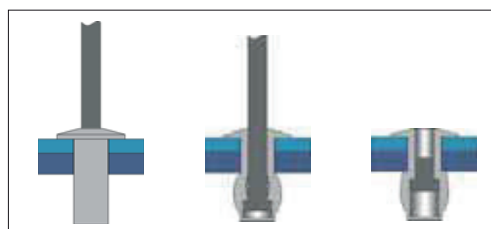
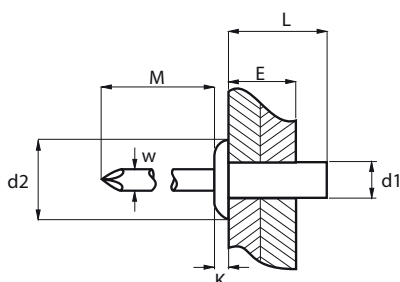
UNE - EN ISO 15973



| English                           | Español                     | Français                    | Deutsch                     | Portugues                  |
|-----------------------------------|-----------------------------|-----------------------------|-----------------------------|----------------------------|
| Dome head                         | Cabeza alomada              | Tête plate                  | Flachrundkopf               | Cabeça boleada             |
| Body: Aluminium *<br>5% Mg        | Cuerpo: Aluminio *<br>5% Mg | Corps: Aluminium *<br>5% Mg | Hülse: Aluminium *<br>5% Mg | Corpo: Aluminio *<br>5% Mg |
| Mandrel: Stainless<br>Steel A2 ** | Vástago: Inox A2 **         | Clou: Inox A2 **            | Dorn: Edelstahl A2 **       | Prego: Inox A2 **          |

\* Al Mg 5 EN AW 5019

\*\* Stainless steel /Inox AISI 304



| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | E<br>m/m    |      | d2<br>Ø<br>m/m | K<br>m/m | W<br>m/m | (N)  | (N)         | Part No./Ref. |
|----------------|---------------------|-------------|------|----------------|----------|----------|------|-------------|---------------|
| <b>3,2</b>     | 6,5                 | 0,5 - 2,0   | 3,30 | 6,00           | 0,80     | 1,70     | 1300 | 1500        | 01119003207   |
|                | 8,0                 | 2,0 - 3,5   |      |                |          |          |      |             | 01119003208   |
|                | 9,5                 | 3,5 - 5,0   |      |                |          |          |      |             | 01119003209   |
|                | 12,5                | 6,5 - 8,0   |      |                |          |          |      |             | 01119003212   |
| <b>4,0</b>     | 8,0                 | 0,5 - 3,5   | 4,10 | 8,00           | 1,30     | 2,20     | 1860 | 2500        | 01119004008   |
|                | 9,5                 | 3,5 - 5,0   |      |                |          |          |      |             | 01119004010   |
|                | 11,0                | 5,0 - 6,5   |      |                |          |          |      |             | 01119004011   |
|                | 12,5                | 6,5 - 8,0   |      |                |          |          |      |             | 01119004013   |
| <b>4,8</b>     | 8,0                 | 0,5 - 3,5   | 4,90 | 9,50           | 1,50     | 2,65     | 2400 | 3400        | 01119004808   |
|                | 9,5                 | 3,5 - 5,0   |      |                |          |          |      |             | 01119004810   |
|                | 11,0                | 5,0 - 6,5   |      |                |          |          |      |             | 01119004811   |
|                | 13,0                | 6,5 - 8,0   |      |                |          |          |      |             | 01119004813   |
|                | 14,5                | 8,0 - 9,5   |      |                |          |          |      |             | 01119004814   |
|                | 16,0                | 9,5 - 11,0  |      |                |          |          |      |             | 01119004816   |
|                | 18,0                | 11,0 - 13,0 |      |                |          |          |      |             | 01119004818   |
|                | 21,0                | 13,0 - 16,0 |      |                |          |          |      |             | 01119004821   |
| 25,0           | 16,0 - 20,0         |             |      |                |          |          |      | 01119004825 |               |

# BLIND RIVET SEALED REMACHE ESTANCO

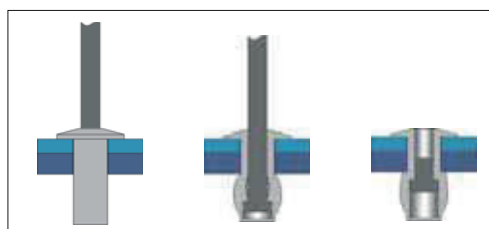
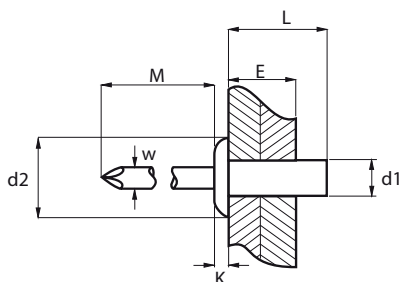
UNE - EN ISO 15975



| English               | Español                | Français           | Deutsch            | Portugues          |
|-----------------------|------------------------|--------------------|--------------------|--------------------|
| Dome head             | Cabeza alomada         | Tête plate         | Flachrundkopf      | Cabeça boleada     |
| Body: Aluminium *     | Cuerpo<br>: Aluminio * | Corps: Aluminium * | Hülse: Aluminium * | Corpo: Aluminio *  |
| Mandrel: Aluminium ** | Vástago: Aluminio **   | Clou: Aluminium ** | Dorn: Aluminium ** | Prego: Aluminio ** |

\* Al EN AW 1050

\*\* Al EN AW 7075



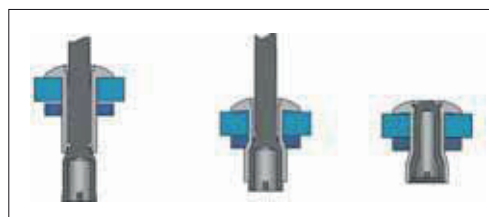
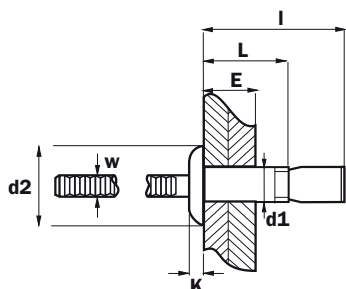
| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | E<br>m/m   |      | d2<br>Ø<br>m/m | K<br>m/m | W<br>m/m | (N)  | (N) | Part No/Ref. |
|----------------|---------------------|------------|------|----------------|----------|----------|------|-----|--------------|
| <b>3,2</b>     | <b>8,0</b>          | 0,5 - 2,0  | 3,30 | 6,35           | 1,40     | 1,80     | 490  | 450 | 01190003208  |
|                | <b>9,5</b>          | 2,0 - 5,0  |      |                |          |          |      |     | 01190003209  |
|                | <b>11,0</b>         | 5,0 - 6,5  |      |                |          |          |      |     | 01190003211  |
| <b>4,0</b>     | <b>9,5</b>          | 3,5 - 5,0  | 4,10 | 8,00           | 1,70     | 2,20     | 710  | 580 | 01190004009  |
|                | <b>12,5</b>         | 5,0 - 8,0  |      |                |          |          |      |     | 01190004012  |
| <b>4,8</b>     | <b>9,5</b>          | 3,5 - 5,0  | 4,90 | 9,50           | 2,00     | 2,65     | 1100 | 940 | 01190004809  |
|                | <b>11,5</b>         | 5,0 - 6,5  |      |                |          |          |      |     | 01190004811  |
|                | <b>12,5</b>         | 6,0 - 7,5  |      |                |          |          |      |     | 01190004812  |
|                | <b>14,5</b>         | 6,5 - 9,5  |      |                |          |          |      |     | 01190004814  |
|                | <b>18,0</b>         | 9,5 - 13,0 |      |                |          |          |      |     | 01190004818  |

# BLIND RIVET STRUCTURAL REMACHE ESTRUCTURAL



| English                                | Español                               | Français                            | Deutsch                             | Portugues                           |
|--|---------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| Dome head                              | Cabeza alomada                        | Tête plate                          | Flachrundkopf                       | Cabeça boleada                      |
| Body: Aluminium *<br>5% Mg             | Cuerpo: Aluminio *<br>5% Mg           | Corps: Aluminium *<br>5% Mg         | Hülse: Aluminium *<br>5% Mg         | Corpo: Aluminio *<br>5% Mg          |
| Mandrel: Aluminium **<br>Zn 5,5% Mg Cu | Vástago: Aluminio **<br>Zn 5,5% Mg Cu | Clou: Aluminium **<br>Zn 5,5% Mg Cu | Dorn: Aluminium **<br>Zn 5,5% Mg Cu | Prego: Aluminio **<br>Zn 5,5% Mg Cu |

\* Al Mg 5 EN AW 5019  
\*\* Al Zn 5,5 Mg Cu EN AW 7075



| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | E<br>MAX.<br>m/m |             | d2<br>Ø<br>m/m | K<br>m/m | W<br>m/m | I<br>m/m | (N)  | (N)  | Part No./Ref. |
|----------------|---------------------|------------------|-------------|----------------|----------|----------|----------|------|------|---------------|
| <b>4,8</b>     | <b>10,3</b>         | 1,50 - 6,80      | 4,90 - 5,10 | 9,60           | 1,70     | 3,00     | 18,0     | 2800 | 2200 | G1801004810   |
|                | <b>13,5</b>         | 1,50 - 11,00     |             |                |          |          | 24,0     |      |      | G1801004813   |
| <b>6,5</b>     | <b>14,0</b>         | 1,00 - 9,50      | 6,60 - 7,00 | 13,00          | 2,50     | 4,00     | 24,0     | 5700 | 4200 | G1801006514   |
|                | <b>20,0</b>         | 2,00 - 16,00     |             |                |          |          | 33,0     |      |      | G1801006520   |

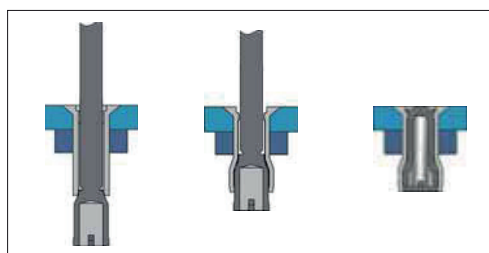
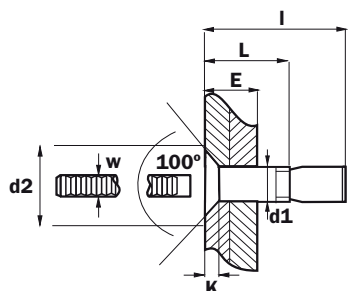
# BLIND RIVET STRUCTURAL REMACHE ESTRUCTURAL



| English                                | Español                               | Français                            | Deutsch                             | Portugues                           |
|--|---------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| Countersunk head 100°                  | Cabeza avellanada 100°                | Tête fraisee 100°                   | Senkkopf 100°                       | Cabeça embeber 100°                 |
| Body: Aluminium *<br>5% Mg             | Cuerpo: Aluminio *<br>5% Mg           | Corps: Aluminium *<br>5% Mg         | Hülse: Aluminium *<br>5% Mg         | Corpo: Aluminio *<br>5% Mg          |
| Mandrel: Aluminium **<br>Zn 5,5% Mg Cu | Vástago: Aluminio **<br>Zn 5,5% Mg Cu | Clou: Aluminium **<br>Zn 5,5% Mg Cu | Dorn: Aluminium **<br>Zn 5,5% Mg Cu | Prego: Aluminio **<br>Zn 5,5% Mg Cu |

\* Al Mg 5 EN AW 5019

\*\* Al Zn 5,5 Mg Cu EN AW 7075



| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | E<br>m/m    | K           | d2<br>Ø<br>m/m | K<br>m/m | W<br>m/m | I<br>m/m | (N)  | (N)  | Part No./Ref. |
|----------------|---------------------|-------------|-------------|----------------|----------|----------|----------|------|------|---------------|
| <b>6,5</b>     | <b>16</b>           | 3,20 - 12,0 | 6,60 - 7,00 | 10,10          | 1,50     | 4,00     | 26,0     | 5700 | 4200 | G1802006516   |

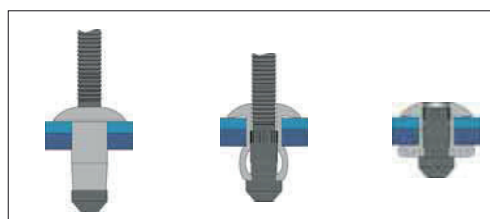
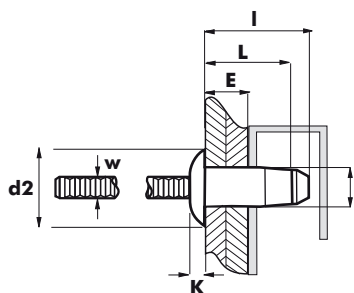
# BLIND RIVET HARD LOCK REMACHE HARD LOCK



| English                                | Español                               | Français                            | Deutsch                             | Portugues                           |
|--|---------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| Dome head                              | Cabeza alomada                        | Tête plate                          | Flachrundkopf                       | Cabeça boleada                      |
| Body: Aluminium *<br>2,5% Mg           | Cuerpo: Aluminio *<br>2,5% Mg         | Corps: Aluminium *<br>2,5% Mg       | Hülse: Aluminium *<br>2,5% Mg       | Corpo: Aluminio *<br>2,5% Mg        |
| Mandrel: Aluminium **<br>Zn 5,5% Mg Cu | Vástago: Aluminio **<br>Zn 5,5% Mg Cu | Clou: Aluminium **<br>Zn 5,5% Mg Cu | Dorn: Aluminium **<br>Zn 5,5% Mg Cu | Prego: Aluminio **<br>Zn 5,5% Mg Cu |

\* Al Mg 2,5 EN AW 5052

\*\* Al Zn 5,5 Mg Cu EN AW 7075



| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | E<br>m/m    |             | d2<br>Ø<br>m/m | K<br>m/m | W<br>m/m | (N)  | (N)  | Part No./Ref. |
|----------------|---------------------|-------------|-------------|----------------|----------|----------|------|------|---------------|
| <b>6,4</b>     | 10,5                | 2,8 - 4,8   | 6,70 - 6,90 | 13,10          | 2,60     | 4,20     | 5000 | 2800 | G1881006410   |
|                | 12,5                | 4,8 - 6,8   |             |                |          |          | 5200 | 2800 | G1881006412   |
|                | 14,5                | 6,8 - 8,8   |             |                |          |          | 5400 | 2800 | G1881006414   |
|                | 16,5                | 8,8 - 10,8  |             |                |          |          | 5400 | 2800 | G1881006416   |
|                | 18,5                | 10,8 - 12,8 |             |                |          |          | 5400 | 2800 | G1881006418   |

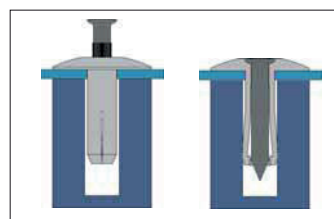
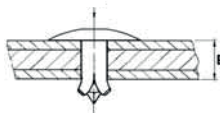
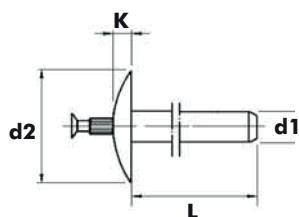


# DRIVE RIVET SEALED REMACHE DE GOLPE



| English                           | Español                     | Français                    | Deutsch                     | Portugues                  |
|-----------------------------------|-----------------------------|-----------------------------|-----------------------------|----------------------------|
| Dome head                         | Cabeza alomada              | Tête plate                  | Flachrundkopf               | Cabeça boleada             |
| Body: Aluminium *<br>3% Mg        | Cuerpo: Aluminio *<br>3% Mg | Corps: Aluminium *<br>3% Mg | Hülse: Aluminium *<br>3% Mg | Corpo: Aluminio *<br>3% Mg |
| Mandrel: Stainless<br>Steel A2 ** | Vástago: Inox A2 **         | Clou: Inox A2 **            | Dorn: Edelstahl A2 **       | Prego: Inox A2 **          |

\* Al Mg 3 EN AW 5754  
\*\* Stainless steel /Inox AISI 304 CU 1.4301



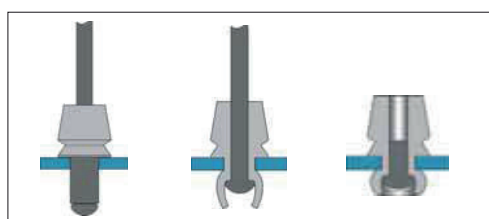
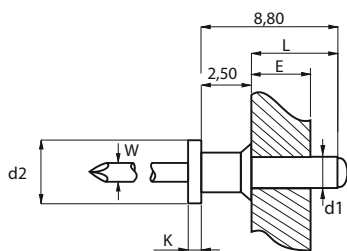
| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | E<br>m/m    |             | d2<br>Ø<br>m/m | K<br>m/m | (N)  | (N)         | Part No/Ref. |
|----------------|---------------------|-------------|-------------|----------------|----------|------|-------------|--------------|
| <b>4,8</b>     | <b>7,6</b>          | 2,9 - 4,4   | 5,00 - 5,20 | 16,00          | 1,50     | 3500 | 1900        | G1509004808  |
|                | <b>10,2</b>         | 4,4 - 7,0   |             |                |          |      |             | G1509004810  |
|                | <b>12,7</b>         | 7,0 - 9,5   |             |                |          |      |             | G1509004813  |
|                | <b>15,3</b>         | 9,5 - 12,1  |             |                |          |      |             | G1509004815  |
|                | <b>17,8</b>         | 12,1 - 14,6 |             |                |          |      |             | G1509004818  |
|                | <b>20,3</b>         | 14,6 - 17,1 |             |                |          |      |             | G1509004820  |
|                | <b>22,9</b>         | 17,1 - 19,7 |             |                |          |      |             | G1509004823  |
|                | <b>25,4</b>         | 19,7 - 22,2 |             |                |          |      |             | G1509004825  |
|                | <b>27,9</b>         | 22,2 - 24,8 |             |                |          |      |             | G1509004828  |
|                | <b>30,4</b>         | 24,8 - 26,5 |             |                |          |      |             | G1509004830  |
|                | <b>35,0</b>         | 29,0 - 31,5 |             |                |          |      |             | G1509004835  |
| <b>40,0</b>    | 33,0 - 35,5         |             |             |                |          |      | G1509004840 |              |
| <b>50,0</b>    | 43,5 - 46,0         |             |             |                |          |      | G1509004850 |              |

# PROFILE CLINCHER REMACHE JUNQUILLO



| English                                  | Español                               | Français                           | Deutsch                             | Portugues                         |
|--|---------------------------------------|------------------------------------|-------------------------------------|-----------------------------------|
| Dome head                                | Cabeza alomada                        | Tête plate                         | Flachrundkopf                       | Cabeça boleada                    |
| Body: Aluminium *<br>3,5% Mg             | Cabeza: Aluminio *<br>3,5% Mg         | Tête: Aluminium *<br>3,5% Mg       | Hülse: Aluminium *<br>3,5% Mg       | Cabeça: Aluminio *<br>3,5% Mg     |
| Mandrel: Steel **<br>zincplated 3 µ mín. | Vástago: Acero **<br>cincado 3 µ mín. | Corps: Acier **<br>zingué 3 µ mín. | Dorn: Stahl, **<br>verzink 3 µ mín. | Prego: Aço **<br>zincado 3 µ mín. |

\* Al Mg 3,5 EN AW 5154  
\*\* Steel /acero DIN EN 10016-2 SAE 1010-1020-1030-1040



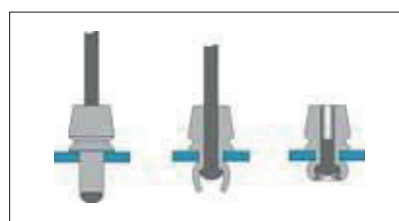
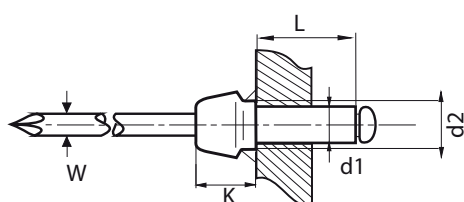
| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | E<br>m/m | Washer | d2<br>Ø<br>m/m | K<br>m/m | W<br>m/m | Washer (N) | Washer (N) | Part No/Ref. |
|----------------|---------------------|----------|--------|----------------|----------|----------|------------|------------|--------------|
| <b>2,4</b>     | <b>5,0</b>          | 3,0      | 2,50   | 5,0            | 1,00     | 1,45     | 340        | 490        | 01900002405  |

# PROFILE CLINCHER REMACHE JUNQUILLO



| English                                  | Español                               | Français                           | Deutsch                              | Portugues                         |
|--|---------------------------------------|------------------------------------|--------------------------------------|-----------------------------------|
| Dome head                                | Cabeza alomada                        | Tête plate                         | Flachrundkopf                        | Cabeça boleada                    |
| Body: Aluminium *<br>3,5% Mg             | Cabeza: Aluminio *<br>3,5% Mg         | Tête: Aluminium *<br>3,5% Mg       | Hülse: Aluminium *<br>3,5% Mg        | Cabeça: Aluminio *<br>3,5% Mg     |
| Mandrel: Steel **<br>zincplated 3 µ mín. | Vástago: Acero **<br>cincado 3 µ mín. | Corps: Acier **<br>zingué 3 µ mín. | Dorn: Stahl, **<br>verzinkt 3 µ mín. | Prego: Aço **<br>zincado 3 µ mín. |

\* Al Mg 3,5 EN AW 5154  
\*\* Steel /acero DIN EN 10016-2 SAE 1010-1020-1030-1040



| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | E<br>m/m |      | d2<br>Ø<br>m/m | K<br>m/m | W<br>m/m | (N) | (N) | Part No/Ref. |
|----------------|---------------------|----------|------|----------------|----------|----------|-----|-----|--------------|
| <b>3,0</b>     | <b>5,0</b>          | 3,0      | 3,10 | 5,0            | 6,0      | 1,80     | 750 | 850 | 01900003005  |

# BLIND RIVET STANDARD

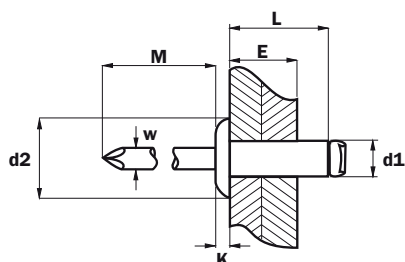
## REMACHE ESTANDAR

UNE - EN ISO 15979



| English                                  | Español                               | Français                          | Deutsch                              | Portugues                         |
|--|---------------------------------------|-----------------------------------|--------------------------------------|-----------------------------------|
| Dome head                                | Cabeza alomada                        | Tête plate                        | Flachrundkopf                        | Cabeça boleada                    |
| Body: Steel *<br>zincplated 7 µ mín.     | Cuerpo: Acero *<br>cincado 7 µ mín.   | Corps: Acier *<br>zingué 7 µ mín. | Hülse: Stahl, *<br>verzinkt 7 µ mín. | Corpo: Aço *<br>zincado 7 µ mín.  |
| Mandrel: Steel **<br>zincplated 3 µ mín. | Vástago: Acero **<br>cincado 3 µ mín. | Clou: Acier **<br>zingué 3 µ mín. | Dorn: Stahl, **<br>verzinkt 3 µ mín. | Prego: Aço **<br>zincado 3 µ mín. |

\* Steel /acero Qst 34.3 C8C DIN 1.0213  
 \*\* Steel /acero DIN EN 10016-2 SAE 1010-1020-1030-1040



| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | E<br>m/m    |      | d2<br>Ø<br>m/m | K<br>m/m | W<br>m/m | (N)  | (N)         | Part No/Ref. |
|----------------|---------------------|-------------|------|----------------|----------|----------|------|-------------|--------------|
| <b>3,0</b>     | 6                   | 0,5 - 3,0   | 3,10 | 6,50           | 0,80     | 2,00     | 1100 | 1500        | 01210003006  |
|                | 8                   | 3,0 - 5,0   |      |                |          |          |      |             | 01210003008  |
|                | 10                  | 5,0 - 6,5   |      |                |          |          |      |             | 01210003010  |
|                | 12                  | 6,5 - 8,0   |      |                |          |          |      |             | 01210003012  |
| <b>3,2</b>     | 6                   | 0,5 - 3,0   | 3,30 | 6,50           | 0,80     | 2,00     | 1400 | 1700        | 01210003206  |
|                | 8                   | 3,0 - 5,0   |      |                |          |          |      |             | 01210003208  |
|                | 10                  | 5,0 - 6,5   |      |                |          |          |      |             | 01210003210  |
|                | 12                  | 6,5 - 8,0   |      |                |          |          |      |             | 01210003212  |
|                | 14                  | 8,0 - 10,0  |      |                |          |          |      |             | 01210003214  |
|                | 16                  | 8,0 - 12,0  |      |                |          |          |      |             | 01210003216  |
| <b>4,0</b>     | 6                   | 1,0 - 3,0   | 4,10 | 8,00           | 1,00     | 2,40     | 2000 | 2400        | 01210004006  |
|                | 8                   | 3,0 - 5,0   |      |                |          |          |      |             | 01210004008  |
|                | 10                  | 5,0 - 6,5   |      |                |          |          |      |             | 01210004010  |
|                | 12                  | 6,5 - 9,0   |      |                |          |          |      |             | 01210004012  |
|                | 14                  | 9,0 - 10,0  |      |                |          |          |      |             | 01210004014  |
|                | 16                  | 9,0 - 12,0  |      |                |          |          |      |             | 01210004016  |
|                | 18                  | 12,0 - 14,0 |      |                |          |          |      |             | 01210004018  |
|                | 20                  | 14,0 - 16,0 |      |                |          |          |      |             | 01210004020  |
| <b>4,8</b>     | 6                   | 1,0 - 3,0   | 4,90 | 9,50           | 1,10     | 2,93     | 2700 | 3000        | 01210004806  |
|                | 8                   | 2,5 - 4,0   |      |                |          |          |      |             | 01210004808  |
|                | 10                  | 4,0 - 6,0   |      |                |          |          |      |             | 01210004810  |
|                | 12                  | 6,0 - 8,0   |      |                |          |          |      |             | 01210004812  |
|                | 14                  | 8,0 - 9,5   |      |                |          |          |      |             | 01210004814  |
|                | 16                  | 8,0 - 11,0  |      |                |          |          |      |             | 01210004816  |
|                | 18                  | 10,0 - 13,0 |      |                |          |          |      |             | 01210004818  |
|                | 21                  | 11,0 - 15,0 |      |                |          |          |      |             | 01210004821  |
|                | 24                  | 15,0 - 19,5 |      |                |          |          |      |             | 01210004824  |
|                | 30                  | 19,5 - 25,0 |      |                |          |          |      |             | 01210004830  |
|                | 35                  | 25,0 - 30,0 |      |                |          |          |      |             | 01210004835  |
| 50             | 40,0 - 45,0         |             |      |                |          |          |      | 01210004850 |              |

# BLIND RIVET STANDARD

## REMACHE ESTANDAR

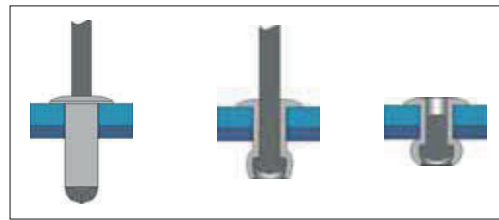
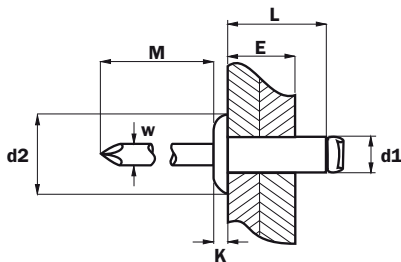
UNE - EN ISO 15979



| English                                  | Español                               | Français                           | Deutsch                              | Portugues                         |
|--|---------------------------------------|------------------------------------|--------------------------------------|-----------------------------------|
| Dome head                                | Cabeza alomada                        | Tête plate                         | Flachrundkopf                        | Cabeça boleada                    |
| Body: Steel *<br>zincplated 7 µ mín.     | Cabeza: Acero *<br>cincado 7 µ mín.   | Tête: Acier *<br>zingué 7 µ mín.   | Hülse: Stahl, *<br>verzinkt 7 µ mín. | Cabeça: Aço *<br>zincado 7 µ mín. |
| Mandrel: Steel **<br>zincplated 3 µ mín. | Vástago: Acero **<br>cincado 3 µ mín. | Corps: Acier **<br>zingué 3 µ mín. | Dorn: Stahl, **<br>verzinkt 3 µ mín. | Prego: Aço **<br>zincado 3 µ mín. |

\* Steel /acero Qst 34.3 C8C DIN 1.0213

\*\* Steel /acero DIN EN 10016-2 SAE 1010-1020-1030-1040



| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | E<br>m/m    | d2<br>Ø<br>m/m | K<br>m/m | W<br>m/m | (N)  | (N)  | Part No./Ref. |             |
|----------------|---------------------|-------------|----------------|----------|----------|------|------|---------------|-------------|
| <b>5,0</b>     | 8                   | 2,5 - 4,0   | 5,10           | 9,50     | 1,10     | 2,93 | 3500 | 4800          | 01210005008 |
|                | 10                  | 4,0 - 6,0   |                |          |          |      |      |               | 01210005010 |
|                | 12                  | 6,0 - 8,0   |                |          |          |      |      |               | 01210005012 |
|                | 14                  | 8,0 - 9,5   |                |          |          |      |      |               | 01210005014 |
|                | 16                  | 8,0 - 11,0  |                |          |          |      |      |               | 01210005016 |
|                | 18                  | 10,0 - 13,0 |                |          |          |      |      |               | 01210005018 |
|                | 20                  | 11,0 - 15,0 |                |          |          |      |      |               | 01210005020 |
|                | 25                  | 15,0 - 19,5 |                |          |          |      |      |               | 01210005025 |
|                | 30                  | 19,5 - 25,0 |                |          |          |      |      |               | 01210005030 |
|                | 35                  | 25,0 - 30,0 |                |          |          |      |      |               | 01210005035 |
|                | 40                  | 30,0 - 34,0 |                |          |          |      |      |               | 01210005040 |
|                | 45                  | 34,0 - 39,0 |                |          |          |      |      |               | 01210005045 |
|                | 50                  | 39,0 - 44,0 |                |          |          |      |      |               | 01210005050 |
| 55             | 44,0 - 49,0         |             |                |          |          |      |      | 01210005055   |             |
| 60             | 49,0 - 54,0         |             |                |          |          |      |      | 01210005060   |             |
| <b>6,0</b>     | 8                   | 1,5 - 3,0   | 6,10           | 12,00    | 1,50     | 3,60 | 4200 | 5500          | 01210006008 |
|                | 10                  | 3,0 - 4,0   |                |          |          |      |      |               | 01210006010 |
|                | 12                  | 4,0 - 6,0   |                |          |          |      |      |               | 01210006012 |
|                | 14                  | 6,0 - 8,0   |                |          |          |      |      |               | 01210006014 |
|                | 16                  | 6,0 - 10,0  |                |          |          |      |      |               | 01210006016 |
|                | 18                  | 10,0 - 12,0 |                |          |          |      |      |               | 01210006018 |
|                | 20                  | 12,0 - 14,0 |                |          |          |      |      |               | 01210006020 |
|                | 25                  | 14,0 - 19,0 |                |          |          |      |      |               | 01210006025 |
| 30             | 19,0 - 24,0         |             |                |          |          |      |      | 01210006030   |             |
| <b>6,4</b>     | 8                   | 1,5 - 3,0   | 6,50           | 12,50    | 1,80     | 3,90 | 7950 | 7000          | 01210006408 |
|                | 10                  | 3,0 - 4,0   |                |          |          |      |      |               | 01210006410 |
|                | 12                  | 4,0 - 6,0   |                |          |          |      |      |               | 01210006412 |
|                | 15                  | 6,0 - 9,0   |                |          |          |      |      |               | 01210006415 |
|                | 18                  | 9,0 - 11,0  |                |          |          |      |      |               | 01210006418 |
|                | 20                  | 9,0 - 13,0  |                |          |          |      |      |               | 01210006420 |
|                | 22                  | 13,0 - 16,0 |                |          |          |      |      |               | 01210006422 |
|                | 25                  | 13,0 - 19,0 |                |          |          |      |      |               | 01210006425 |
| 30             | 19,0 - 24,0         |             |                |          |          |      |      | 01210006430   |             |
| 35             | 24,0 - 29,0         |             |                |          |          |      |      | 01210006435   |             |

# BLIND RIVET STANDARD

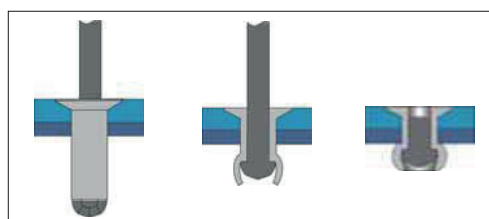
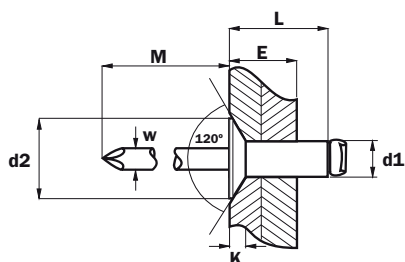
## REMACHE ESTANDAR

UNE - EN ISO 15980



| English                                  | Español                               | Français                          | Deutsch                              | Portugues                         |
|--|---------------------------------------|-----------------------------------|--------------------------------------|-----------------------------------|
| Countersunk head 120°                    | Cabeza avellanada 120°                | Tête fraise 120°                  | Senkkopf 120°                        | Cabeça embeber 120°               |
| Body: Steel *<br>zincplated 7 µ mín.     | Cuerpo: Acero *<br>cincado 7 µ mín.   | Corps: Acier *<br>zingué 7 µ mín. | Hülse: Stahl, *<br>verzinkt 7 µ mín. | Corpo: Aço *<br>zincado 7 µ mín.  |
| Mandrel: Steel **<br>zincplated 3 µ mín. | Vástago: Acero **<br>cincado 3 µ mín. | Clou: Acier **<br>zingué 3 µ mín. | Dorn: Stahl, **<br>verzinkt 3 µ mín. | Prego: Aço **<br>zincado 3 µ mín. |

\* Steel /acero Qst 34.3 C8C DIN 1.0213  
 \*\* Steel /acero DIN EN 10016-2 SAE 1010-1020-1030-1040



| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | E<br>m/m    | d2<br>Ø<br>m/m | K<br>m/m | W<br>m/m | (N)  | (N)  | Part No/Ref. |             |
|----------------|---------------------|-------------|----------------|----------|----------|------|------|--------------|-------------|
| <b>3,2</b>     | 6                   | 1,0 - 3,0   | 3,30           | 6,00     | 0,90     | 2,00 | 1400 | 1700         | 01220003206 |
|                | 8                   | 1,0 - 3,0   |                |          |          |      |      |              | 01220003208 |
|                | 10                  | 1,0 - 3,0   |                |          |          |      |      |              | 01220003210 |
|                | 12                  | 1,0 - 3,0   |                |          |          |      |      |              | 01220003212 |
| <b>4,0</b>     | 8                   | 3,0 - 5,0   | 4,10           | 7,50     | 1,90     | 2,40 | 2000 | 2400         | 01220004008 |
|                | 10                  | 5,0 - 6,5   |                |          |          |      |      |              | 01220004010 |
|                | 12                  | 6,5 - 8,5   |                |          |          |      |      |              | 01220004012 |
|                | 14                  | 8,5 - 10,5  |                |          |          |      |      |              | 01220004014 |
| <b>4,8</b>     | 8                   | 3,0 - 4,5   | 4,80           | 9,50     | 1,50     | 2,93 | 3000 | 4100         | 01220004808 |
|                | 10                  | 4,5 - 6,0   |                |          |          |      |      |              | 01220004810 |
|                | 12                  | 6,0 - 8,0   |                |          |          |      |      |              | 01220004812 |
|                | 14                  | 8,0 - 10,0  |                |          |          |      |      |              | 01220004814 |
|                | 18                  | 12,0 - 14,0 |                |          |          |      |      |              | 01220004818 |
|                | 20                  | 12,0 - 15,0 |                |          |          |      |      |              | 01220004820 |
| <b>5,0</b>     | 20                  | 9,0 - 13,0  | 6,50           | 13,00    | 1,50     | 2,93 | 4850 | 7000         | 01221006420 |

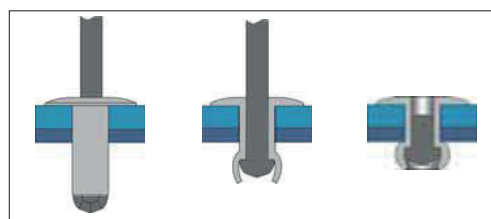
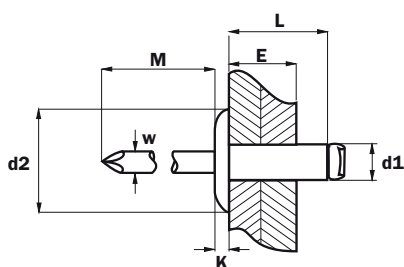
# BLIND RIVET STANDARD

## REMACHE ESTANDAR



| English                                  | Español                               | Français                          | Deutsch                              | Portugues                         |
|--|---------------------------------------|-----------------------------------|--------------------------------------|-----------------------------------|
| Large head                               | Cabeza ancha                          | Tête large                        | Grosskopf                            | Cabeça larga                      |
| Body: Steel *<br>zincplated 7 µ mín.     | Cuerpo: Acero *<br>cincado 7 µ mín.   | Corps: Acier *<br>zingué 7 µ mín. | Hülse: Stahl, *<br>verzinkt 7 µ mín. | Corpo: Aço *<br>zincado 7 µ mín.  |
| Mandrel: Steel **<br>zincplated 3 µ mín. | Vástago: Acero **<br>cincado 3 µ mín. | Clou: Acier **<br>zingué 3 µ mín. | Dorn: Stahl, **<br>verzinkt 3 µ mín. | Prego: Aço **<br>zincado 3 µ mín. |

\* Steel /acero Qst 34.3 C8C DIN 1.0213  
 \*\* Steel /acero DIN EN 10016-2 SAE 1010-1020-1030-1040

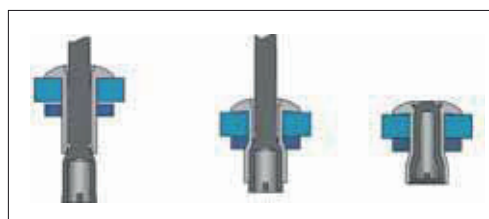
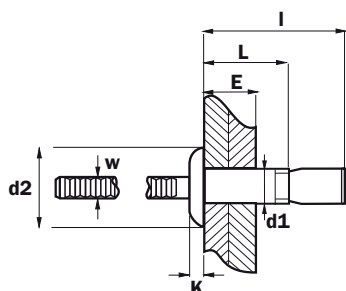


| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | E<br>m/m    | d2<br>Ø<br>m/m | K<br>m/m | W<br>m/m | (N)  | (N)  | Part No./Ref. |             |
|----------------|---------------------|-------------|----------------|----------|----------|------|------|---------------|-------------|
| <b>4,0</b>     | 6                   | 1,5 - 3,0   | 4,10           | 10,00    | 1,40     | 2,40 | 2100 | 2500          | 01230004006 |
|                | 8                   | 3,0 - 5,0   |                |          |          |      |      |               | 01230004008 |
|                | 10                  | 5,0 - 6,5   |                |          |          |      |      |               | 01230004010 |
|                | 12                  | 6,5 - 8,5   |                |          |          |      |      |               | 01230004012 |
|                | 14                  | 8,5 - 10,5  |                |          |          |      |      |               | 01230004014 |
| <b>4,8</b>     | 10                  | 3,0 - 6,0   | 4,90           | 14,00    | 1,80     | 2,93 | 2400 | 4650          | 01230004810 |
|                | 12                  | 6,0 - 8,0   |                |          |          |      |      |               | 01230004812 |
|                | 14                  | 8,0 - 10,0  |                |          |          |      |      |               | 01230004814 |
|                | 16                  | 10,0 - 12,0 |                |          |          |      |      |               | 01230004816 |
|                | 18                  | 12,0 - 14,0 |                |          |          |      |      |               | 01230004818 |
|                | 21                  | 14,0 - 16,0 |                |          |          |      |      |               | 01230004821 |
|                | 24                  | 16,0 - 18,0 |                |          |          |      |      |               | 01230004824 |
|                | 30                  | 23,0 - 25,0 |                |          |          |      |      |               | 01230004830 |
| <b>4,8</b>     | 6                   | 0,5 - 3,0   | 4,90           | 12,00    | 1,80     | 2,93 | 2400 | 4650          | 01235004806 |
| <b>6,4</b>     | 12                  | 2,0 - 6,0   | 6,50           | 19,00    | 2,50     | 3,90 | 4950 | 7000          | G1235006412 |
|                | 15                  | 6,0 - 9,0   |                |          |          |      |      |               | G1235006415 |
|                | 18                  | 9,0 - 11,0  |                |          |          |      |      |               | G1235006418 |

# BLIND RIVET STRUCTURAL REMACHE ESTRUCTURAL



| English                                  | Español                               | Français                          | Deutsch                             | Portugues                         |
|--|---------------------------------------|-----------------------------------|-------------------------------------|-----------------------------------|
| Dome head                                | Cabeza alomada                        | Tête plate                        | Flachrundkopf                       | Cabeça boleada                    |
| Body: Steel *<br>zincplated 7 µ mín.     | Cuerpo: Acero *<br>cincado 7 µ mín.   | Corps: Acier *<br>zingué 7 µ mín. | Hülse: Stahl *<br>verzinkt 7 µ mín. | Corpo: Aço *<br>zincado 7 µ mín.  |
| Mandrel: Steel **<br>zincplated 5 µ mín. | Vástago: Acero **<br>cincado 5 µ mín. | Clou: Acier **<br>zingué 5 µ mín. | Dorn: Stahl **<br>verzinkt 5 µ mín. | Prego: Aço **<br>zincado 5 µ mín. |
| * Steel /acero C23B2 DIN 1.5508          |                                       |                                   |                                     |                                   |
| ** Steel /acero 35B2 DIN 1.5511          |                                       |                                   |                                     |                                   |



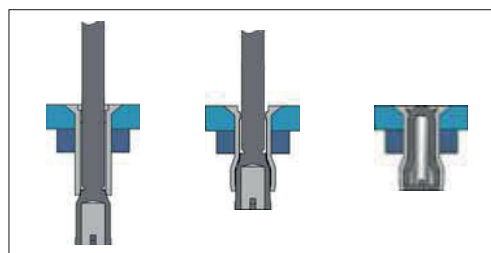
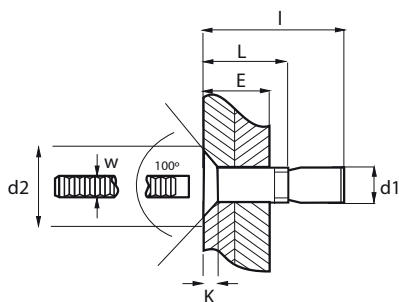
| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | E<br>m/m     |              | d2<br>Ø<br>m/m | K<br>m/m | W<br>m/m | I<br>m/m | (N)   | (N)   | Part No/Ref. |             |
|----------------|---------------------|--------------|--------------|----------------|----------|----------|----------|-------|-------|--------------|-------------|
| <b>4,8</b>     | <b>10,3</b>         | 1,50 - 6,80  | 4,90 - 5,10  | 9,70           | 1,80     | 3,00     | 18,0     | 6400  | 5100  | G1821004810  |             |
|                | <b>13,5</b>         | 1,50 - 11,00 |              |                |          |          |          |       |       | 24,0         | G1821004813 |
| <b>6,5</b>     | <b>14,0</b>         | 1,00 - 9,50  | 6,60 - 7,00  | 13,00          | 2,50     | 4,00     | 24,0     | 11900 | 10500 | G1821006514  |             |
|                | <b>20,0</b>         | 2,00 - 16,00 |              |                |          |          |          |       |       | 33,0         | G1821006520 |
|                | <b>22,0</b>         | 6,00 - 18,00 |              |                |          |          |          |       |       | 35,0         | G1821006522 |
| <b>9,7</b>     | <b>22,0</b>         | 3,00 - 15,00 | 9,90 - 10,40 | 20,00          | 3,70     | 5,90     | 36,0     | 26300 | 17000 | G1821009722  |             |



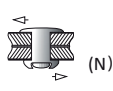
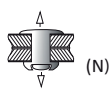


# BLIND RIVET STRUCTURAL REMACHE ESTRUCTURAL



| English                                  | Español                               | Français                          | Deutsch                             | Portugues                         |
|--|---------------------------------------|-----------------------------------|-------------------------------------|-----------------------------------|
| Countersunk head 100°                    | Cabeza avellanada 100°                | Tête fraisee 100°                 | Senkkopf 100°                       | Cabeça embeber 100°               |
| Body: Steel *<br>zincplated 7 µ mín.     | Cuerpo: Acero *<br>cincado 7 µ mín.   | Corps: Acier *<br>zingué 7 µ mín. | Hülse: Stahl *<br>verzinkt 7 µ mín. | Corpo: Aço *<br>zincado 7 µ mín.  |
| Mandrel: Steel **<br>zincplated 5 µ mín. | Vástago: Acero **<br>cincado 5 µ mín. | Clou: Acier **<br>zingué 5 µ mín. | Dorn: Stahl **<br>verzinkt 5 µ mín. | Prego: Aço **<br>zincado 5 µ mín. |
| * Steel /acero C23B2 DIN 1.5508          |                                       |                                   |                                     |                                   |
| ** Steel /acero 35B2 DIN 1.5511          |                                       |                                   |                                     |                                   |

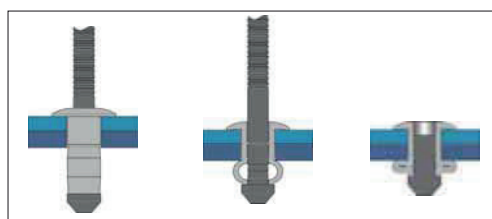
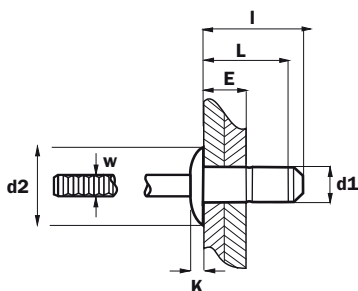


| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | <br>E<br>m/m |  | d2<br>Ø<br>m/m | K<br>m/m | W<br>m/m | I<br>m/m |  (N) |  (N) | Part No/Ref. |
|----------------|---------------------|--|---|----------------|----------|----------|----------|--|--|--------------|
| <b>4,8</b>     | <b>12,3</b>         | 3,20 - 8,40  | 4,90 - 5,10   | 8,70           | 1,80     | 3,00     | 20,00    | 6400   | 5100   | G1822004812  |
|                | <b>16,5</b>         | 3,20 - 12,20   |   |                |          |          | 27,00    |  |  | G1822004816  |
| <b>6,5</b>     | <b>16,0</b>         | 3,00 - 12,20   | 6,60 - 7,00   | 10,60          | 2,00     | 4,00     | 26,00    | 11900  | 10500  | G1822006516  |
|                | <b>22,5</b>         | 6,00 - 18,00   |   |                |          |          | 35,00    |  |  | G1822006522  |

# BLIND RIVET HARD GRIP REMACHE HARD GRIP



| English                                  | Español                               | Français                          | Deutsch                             | Portugues                         |
|--|---------------------------------------|-----------------------------------|-------------------------------------|-----------------------------------|
| Dome head                                | Cabeza alomada                        | Tête plate                        | Flachrundkopf                       | Cabeça boleada                    |
| Body: Steel *<br>zincplated 7 µ mín.     | Cuerpo: Acero *<br>cincado 7 µ mín.   | Corps: Acier *<br>zingué 7 µ mín. | Hülse: Stahl *<br>verzinkt 7 µ mín. | Corpo: Aço *<br>zincado 7 µ mín.  |
| Mandrel: Steel **<br>zincplated 5 µ mín. | Vástago: Acero **<br>cincado 5 µ mín. | Clou: Acier **<br>zingué 5 µ mín. | Dorn: Stahl **<br>verzinkt 5 µ mín. | Prego: Aço **<br>zincado 5 µ mín. |
| * Steel /acero CQ15 CIS E2C 1.1132       |                                       |                                   |                                     |                                   |
| ** Steel /acero C45 CH5EC 1.1192         |                                       |                                   |                                     |                                   |



| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | E<br>m/m   |             | d2<br>Ø<br>m/m | K<br>m/m | W<br>m/m | I<br>m/m | (N)  | (N)  | Part No./Ref. |
|----------------|---------------------|------------|-------------|----------------|----------|----------|----------|------|------|---------------|
| <b>3,2</b>     | <b>7,5</b>          | 1,0 - 3,0  | 3,30 - 3,50 | 6,50           | 1,00     | 2,00     | 10,00    | 1200 | 1300 | 01894003207   |
|                | <b>9,5</b>          | 3,0 - 5,0  |             |                |          |          | 12,00    | 1700 | 1300 | 01894003210   |
|                | <b>11,5</b>         | 5,0 - 7,0  |             |                |          |          | 15,00    | 2400 | 1300 | 01894003212   |
| <b>4,0</b>     | <b>7,5</b>          | 1,0 - 3,0  | 4,10 - 4,30 | 7,70           | 1,30     | 2,10     | 10,00    | 2400 | 2800 | 01894004008   |
|                | <b>9,5</b>          | 3,0 - 5,0  |             |                |          |          | 12,00    | 3500 | 2800 | 01894004010   |
|                | <b>12,5</b>         | 5,0 - 7,0  |             |                |          |          | 15,00    | 4100 | 2800 | 01894004013   |
| <b>4,8</b>     | <b>9,0</b>          | 1,0 - 3,5  | 4,90 - 5,10 | 9,20           | 1,20     | 3,00     | 12,00    | 3500 | 3800 | 01894004809   |
|                | <b>11,5</b>         | 3,5 - 6,0  |             |                |          |          | 14,60    | 4200 | 3800 | 01894004812   |
|                | <b>14,5</b>         | 6,0 - 8,5  |             |                |          |          | 17,60    | 5600 | 3800 | 01894004815   |
| <b>6,0</b>     | <b>10,5</b>         | 1,5 - 4,0  | 6,10 - 6,30 | 12,00          | 2,00     | 4,00     | 14,00    | 4200 | 5400 | G1894006010   |
|                | <b>13,5</b>         | 3,0 - 6,0  |             |                |          |          | 17,00    | 5400 | 5400 | G1894006013   |
|                | <b>16,5</b>         | 6,0 - 9,0  |             |                |          |          | 20,00    | 8500 | 5400 | G1894006016   |
|                | <b>19,5</b>         | 9,0 - 12,0 |             |                |          |          | 23,00    | 8500 | 5400 | G1894006019   |

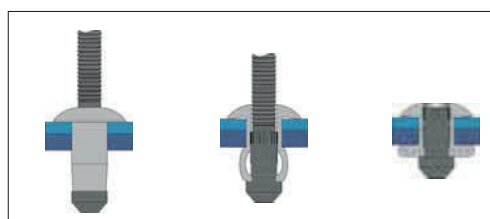
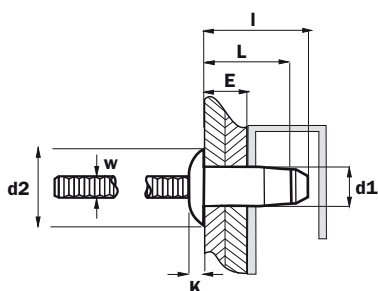
# BLIND RIVET HARD LOCK

## REMACHE HARD LOCK



| English                                  | Español                               | Français                          | Deutsch                              | Portugues                         |
|--|---------------------------------------|-----------------------------------|--------------------------------------|-----------------------------------|
| Dome head                                | Cabeza alomada                        | Tête plate                        | Flachrundkopf                        | Cabeça boleada                    |
| Body: Steel *<br>zincplated 7 µ mín.     | Cuerpo: Acero *<br>cincado 7 µ mín.   | Corps: Acier *<br>zingué 7 µ mín. | Hülse: Stahl, *<br>verzinkt 7 µ mín. | Corpo: Aço *<br>zincado 7 µ mín.  |
| Mandrel: Steel **<br>zincplated 5 µ mín. | Vástago: Acero **<br>cincado 5 µ mín. | Clou: Acier **<br>zingué 5 µ mín. | Dorn: Stahl **<br>verzinkt 5 µ mín.  | Prego: Aço **<br>zincado 5 µ mín. |

\* Steel /acero CQ35 C35EC 1.1172  
\*\* Steel /acero 35B2 1.5511



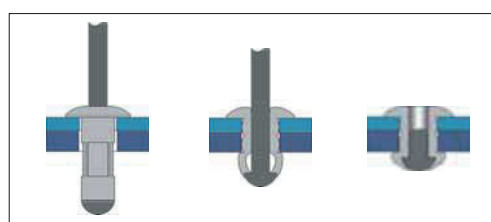
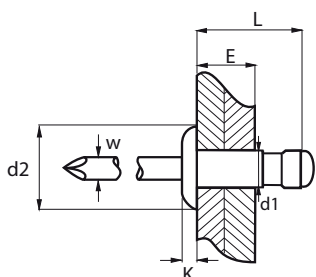
| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | E<br>MAX.<br>m/m |             | d2<br>Ø<br>m/m | K<br>m/m | W<br>m/m | I<br>m/m | (N)   | (N)  | Part No./Ref. |
|----------------|---------------------|------------------|-------------|----------------|----------|----------|----------|-------|------|---------------|
| <b>6,4</b>     | <b>10,5</b>         | 2,8 - 4,8        | 6,70 - 6,90 | 13,10          | 2,60     | 4,00     | 15,0     | 12000 | 7000 | G1884006410   |
|                | <b>12,5</b>         | 4,8 - 6,8        |             |                |          |          | 17,0     | 12500 | 7000 | G1884006412   |
|                | <b>14,5</b>         | 6,8 - 8,8        |             |                |          |          | 19,0     | 14000 | 7000 | G1884006414   |
|                | <b>16,5</b>         | 8,8 - 10,8       |             |                |          |          | 21,0     | 15000 | 7000 | G1884006416   |
|                | <b>18,5</b>         | 10,8 - 12,8      |             |                |          |          | 23,0     | 16000 | 7000 | G1884006418   |
|                | <b>20,5</b>         | 12,8 - 14,8      |             |                |          |          | 25,0     | 16000 | 7000 | G1884006414   |

# BLIND RIVET MULTIGRIP REMACHE MULTIGRIP



| English                                  | Español                               | Français                          | Deutsch                             | Portugues                         |
|--|---------------------------------------|-----------------------------------|-------------------------------------|-----------------------------------|
| Dome head                                | Cabeza alomada                        | Tête plate                        | Flachrundkopf                       | Cabeça boleada                    |
| Body: Steel *<br>zincplated 7 µ mín.     | Cuerpo: Acero *<br>cincado 7 µ mín.   | Corps: Acier *<br>zingué 7 µ mín. | Hülse: Stahl *<br>verzinkt 7 µ mín. | Corpo: Aço *<br>zincado 7 µ mín.  |
| Mandrel: Steel **<br>zincplated 3 µ mín. | Vástago: Acero **<br>cincado 3 µ mín. | Clou: Acier **<br>zingué 3 µ mín. | Dorn: Stahl **<br>verzinkt 3 µ mín. | Prego: Aço **<br>zincado 3 µ mín. |

\* Steel /acero Qst 34.3 C8C DIN 1.0213  
\*\* Steel /acero DIN EN 10016-2 SAE 1010-1020-1030-1040



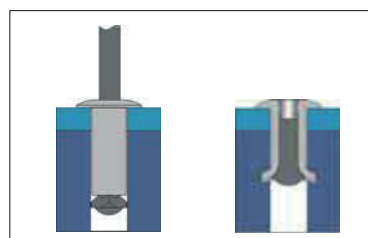
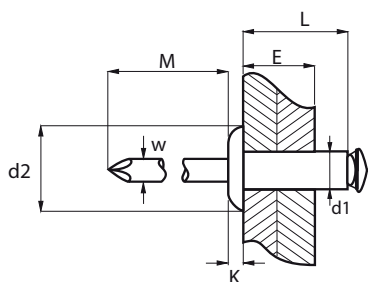
| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | E<br>m/m  |      | d2<br>Ø<br>m/m | K<br>m/m | W<br>m/m | I<br>m/m | (N)  | (N)  | Part No./Ref. |
|----------------|---------------------|-----------|------|----------------|----------|----------|----------|------|------|---------------|
| <b>3,2</b>     | <b>9,0</b>          | 1,0 - 4,0 | 3,40 | 6,50           | 1,00     | 2,00     | 11,3     | 1400 | 1900 | 01280003209   |
|                | <b>13,0</b>         | 4,0 - 8,0 |      |                |          |          | 15,3     |      |      | 01280003213   |
| <b>4,0</b>     | <b>11,5</b>         | 2,0 - 5,0 | 4,20 | 8,00           | 1,40     | 2,75     | 14,2     | 1850 | 2450 | 01280004011   |
| <b>4,8</b>     | <b>10,5</b>         | 1,5 - 4,5 | 5,00 | 9,50           | 1,80     | 2,93     | 12,9     | 2000 | 3500 | 01280004810   |
|                | <b>13,0</b>         | 4,0 - 6,5 |      |                |          |          | 15,4     |      |      | 01280004813   |

# BLIND RIVET PEELED REMACHE FLOR



| English                                  | Español                               | Français                          | Deutsch                              | Portugues                         |
|--|---------------------------------------|-----------------------------------|--------------------------------------|-----------------------------------|
| Dome head                                | Cabeza alomada                        | Tête plate                        | Flachrundkopf                        | Cabeça boleada                    |
| Body: Steel *<br>zincplated 7 µ mín.     | Cuerpo: Acero *<br>cincado 7 µ mín.   | Corps: Acier *<br>zingué 7 µ mín. | Hülse: Stahl, *<br>verzinkt 7 µ mín. | Corpo: Aço *<br>zincado 7 µ mín.  |
| Mandrel: Steel **<br>zincplated 3 µ mín. | Vástago: Acero **<br>cincado 3 µ mín. | Clou: Acier **<br>zingué 3 µ mín. | Dorn: Stahl, **<br>verzinkt 3 µ mín. | Prego: Aço **<br>zincado 3 µ mín. |

\* Steel /acero Qst 34.3 C8C DIN 1.0213  
 \*\* Steel /acero DIN EN 10016-2 SAE 1010-1020-1030-1040



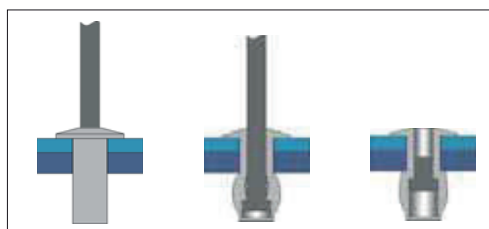
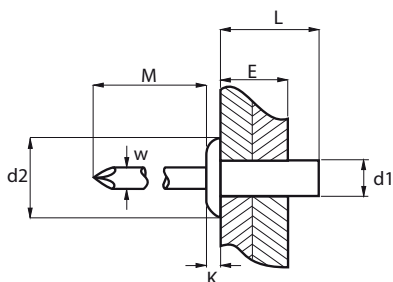
| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | E<br>MÁX.<br>m/m |             | d2<br>Ø<br>m/m | K<br>m/m | W<br>m/m | Part No/Ref. |
|----------------|---------------------|------------------|-------------|----------------|----------|----------|--------------|
| <b>4,2</b>     | <b>9,0</b>          | 5,0              | 4,30 - 4,40 | 7,80           | 1,20     | 2,45     | G1850004209  |

# BLIND RIVET SEALED REMACHE ESTANCO

UNE - EN ISO 15976



| English                                  | Español                               | Français                          | Deutsch                             | Portugues                         |
|--|---------------------------------------|-----------------------------------|-------------------------------------|-----------------------------------|
| Dome head                                | Cabeza alomada                        | Tête plate                        | Flachrundkopf                       | Cabeça boleada                    |
| Body: Steel *<br>zincplated 7 µ mín.     | Cuerpo: Acero *<br>cincado 7 µ mín.   | Corps: Acier *<br>zingué 7 µ mín. | Hülse: Stahl *<br>verzinkt 7 µ mín. | Corpo: Aço *<br>zincado 7 µ mín.  |
| Mandrel: Steel **<br>zincplated 7 µ mín. | Vástago: Acero **<br>cincado 7 µ mín. | Clou: Acier **<br>zingué 7 µ mín. | Dorn: Stahl **<br>verzinkt 7 µ mín. | Prego: Aço **<br>zincado 7 µ mín. |
| * Steel /acero Qst 34.3 C8C DIN 1.0213   |                                       |                                   |                                     |                                   |
| ** Steel /acero Qst 34.3 C8C DIN 1.0213  |                                       |                                   |                                     |                                   |



| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | E<br>m/m   |      | d2<br>Ø<br>m/m | K<br>m/m | W<br>m/m | (N)  | (N)  | Part No/Ref. |
|----------------|---------------------|------------|------|----------------|----------|----------|------|------|--------------|
| <b>3,2</b>     | 8,0                 | 1,5 - 3,0  | 3,30 | 6,00           | 1,00     | 1,90     | 2000 | 1900 | 01290003208  |
|                | 9,5                 | 2,0 - 4,5  |      |                |          |          |      |      | 01290003209  |
|                | 12,0                | 4,0 - 7,0  |      |                |          |          |      |      | 01290003212  |
| <b>4,0</b>     | 8,0                 | 0,5 - 3,0  | 4,10 | 8,00           | 1,40     | 2,30     | 2800 | 3600 | 01290004008  |
|                | 10,0                | 1,0 - 5,0  |      |                |          |          |      |      | 01290004010  |
|                | 12,0                | 5,0 - 7,5  |      |                |          |          |      |      | 01290004012  |
|                | 15,0                | 7,5 - 10,5 |      |                |          |          |      |      | 01290004015  |
| <b>4,8</b>     | 9,5                 | 1,0 - 4,0  | 4,90 | 9,50           | 1,70     | 2,90     | 4000 | 5900 | 01290004809  |
|                | 12,0                | 4,0 - 6,0  |      |                |          |          |      |      | 01290004812  |

# RIVET GRIPMATE

## REMACHE GRIPMATE

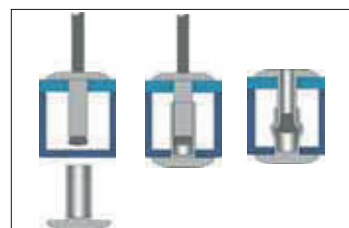
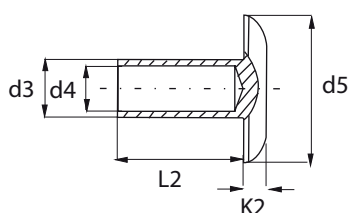
UNE - EN ISO 15977







| English           | Español           | Français       | Deutsch        | Portugues     |
|-------------------|-------------------|----------------|----------------|---------------|
| Wide head         | Cabeza ancha      | Tête large     | Breiten Kopf   | Cabeça larga  |
| Body: Steel *     | Cuerpo: Acero *   | Corps: Acier * | Hülse: Stahl * | Corpo: Aço *  |
| 3,5% Mg           | 3,5% Mg           | 3,5% Mg        | 3,5% Mg        | 3,5% Mg       |
| Mandrel: Steel ** | Vástago: Acero ** | Clou: Acier ** | Dorn: Stahl ** | Prego: Aço ** |

\* Steel Mg 3,5 EN AW 5154

\*\* Steel /acero DIN EN 10016-2 SAE 1010-1020-1030-1040



| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | <br>E<br>m/m |  | d2<br>Ø<br>m/m | K<br>m/m | W<br>m/m |  (N) |  (N) | Part No/Ref. |
|----------------|---------------------|--|---|----------------|----------|----------|---|--|--------------|
| <b>4,7</b>     | <b>11,5</b>         | 14,00 - 18,00  | 6,40  | 16,00          | 2,50     | 2,93     |   | 1800   | G1234004811  |
|                | <b>14,5</b>         | 14,00 - 18,00  |   | 16,00          | 2,50     | 2,93     |   |  | G1234004814  |
| <b>6,3</b>     | <b>14,5</b>         | 14,00 - 18,00  | 6,40  |                |          |          |   |  | G12340063145 |
|                |                     | 14,00 - 18,00  |   |                |          |          |   |  |              |

# BLIND RIVET STANDARD

## REMACHE ESTANDAR

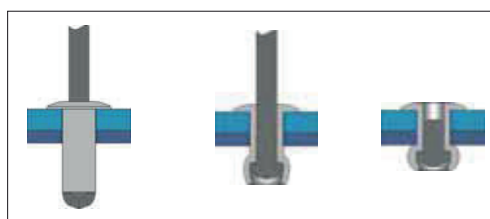
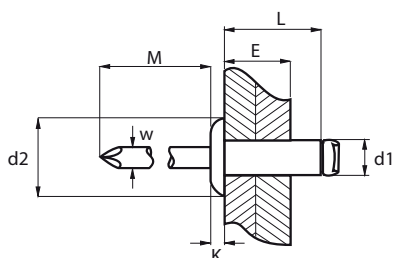
UNE - EN ISO 15983



| English                       | Español             | Français         | Deutsch               | Portugues         |
|-------------------------------|---------------------|------------------|-----------------------|-------------------|
| Dome head                     | Cabeza alomada      | Tête plate       | Flachrundkopf         | Cabeça boleada    |
| Body: Stainless Steel A2*     | Cuerpo: Inox A2*    | Corps: Inox A2 * | Hülse: Edelstahl A2 * | Corpo: Inox A2 *  |
| Mandrel: Stainless Steel A2** | Vástago: Inox A2 ** | Clou: Inox A2 ** | Dorn: Edelstahl A2 ** | Prego: Inox A2 ** |

\* Inox AISI 304 CU 1.4567

\*\* Inox AISI 304 1.4301



| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | E<br>m/m    |      | d2<br>Ø<br>m/m | K<br>m/m | W<br>m/m | (N)  | (N)  | Part No./Ref. |
|----------------|---------------------|-------------|------|----------------|----------|----------|------|------|---------------|
| <b>2,4</b>     | 6                   | 0,5 - 4,0   | 2,50 | 5,00           | 0,80     | 1,50     | 1300 | 1500 | 01260002406   |
|                | 8                   | 4,0 - 6,0   |      |                |          |          |      |      | 01260002408   |
|                | 10                  | 6,0 - 8,0   |      |                |          |          |      |      | 01260002410   |
|                | 12                  | 8,0 - 10,0  |      |                |          |          |      |      | 01260002412   |
| <b>3,0</b>     | 6                   | 0,5 - 3,0   | 3,10 | 6,20           | 1,00     | 2,00     | 1860 | 2200 | 01260003006   |
|                | 8                   | 3,0 - 5,0   |      |                |          |          |      |      | 01260003008   |
|                | 10                  | 5,0 - 6,5   |      |                |          |          |      |      | 01260003010   |
|                | 12                  | 6,5 - 8,5   |      |                |          |          |      |      | 01260003012   |
| <b>3,2</b>     | 6                   | 0,5 - 3,0   | 3,30 | 6,20           | 1,00     | 2,10     | 2000 | 2900 | 01260003206   |
|                | 8                   | 3,0 - 5,0   |      |                |          |          |      |      | 01260003208   |
|                | 10                  | 5,0 - 6,5   |      |                |          |          |      |      | 01260003210   |
|                | 12                  | 6,5 - 8,5   |      |                |          |          |      |      | 01260003212   |
|                | 15                  | 8,5 - 12,0  |      |                |          |          |      |      | 01260003215   |
|                | 18                  | 12,0 - 15,0 |      |                |          |          |      |      | 01260003218   |
| <b>4,0</b>     | 6                   | 1,0 - 2,5   | 4,10 | 8,00           | 2,40     | 2,40     | 3500 | 4200 | 01260004006   |
|                | 8                   | 2,5 - 4,5   |      |                |          |          |      |      | 01260004008   |
|                | 10                  | 4,5 - 6,5   |      |                |          |          |      |      | 01260004010   |
|                | 12                  | 6,5 - 8,5   |      |                |          |          |      |      | 01260004012   |
|                | 14                  | 8,5 - 10,0  |      |                |          |          |      |      | 01260004014   |
|                | 16                  | 10,0 - 12,0 |      |                |          |          |      |      | 01260004016   |
|                | 18                  | 12,0 - 14,0 |      |                |          |          |      |      | 01260004018   |
|                | 20                  | 14,0 - 16,0 |      |                |          |          |      |      | 01260004020   |



# BLIND RIVET STANDARD

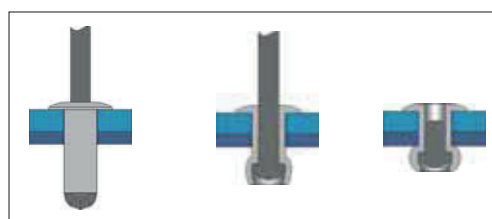
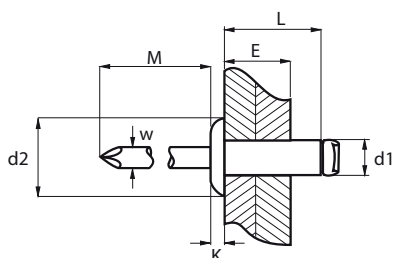
## REMACHE ESTANDAR

UNE - EN ISO 15983



| English                       | Español             | Français          | Deutsch                | Portugues         |
|-------------------------------|---------------------|-------------------|------------------------|-------------------|
| Dome head                     | Cabeza alomada      | Tête plate        | Flachrundkopf          | Cabeça boleada    |
| Body: Stainless Steel A2*     | Cabeza: Inox A2*    | Tête: Inox A2 *   | Hülse: Edelstahl, A2 * | Cabeça: Inox A2 * |
| Mandrel: Stainless Steel A2** | Vástago: Inox A2 ** | Corps: Inox A2 ** | Dorn: Edelstahl,A2 **  | Prego: Inox A2 ** |

\* Inox AISI 304 CU 1.4567  
\*\* Inox AISI 304 1.4301



| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | E<br>m/m    |      | d2<br>Ø<br>m/m | K<br>m/m | W<br>m/m | (N)  | (N)         | Part No./Ref. |
|----------------|---------------------|-------------|------|----------------|----------|----------|------|-------------|---------------|
| <b>4,8</b>     | <b>8</b>            | 2,0 - 4,0   | 4,90 | 8,70           | 1,40     | 3,10     | 4500 | 5600        | 01260004808   |
|                | <b>10</b>           | 4,0 - 6,0   |      |                |          |          |      |             | 01260004810   |
|                | <b>12</b>           | 6,0 - 8,0   |      |                |          |          |      |             | 01260004812   |
|                | <b>14</b>           | 8,0 - 9,5   |      |                |          |          |      |             | 01260004814   |
|                | <b>16</b>           | 9,5 - 11,0  |      |                |          |          |      |             | 01260004816   |
|                | <b>18</b>           | 11,0 - 13,0 |      |                |          |          |      |             | 01260004818   |
|                | <b>20</b>           | 13,0 - 16,0 |      |                |          |          |      |             | 01260004820   |
|                | <b>25</b>           | 16,0 - 20,0 |      |                |          |          |      |             | 01260004825   |
|                | <b>30</b>           | 20,0 - 25,0 |      |                |          |          |      |             | 01260004830   |
| <b>35</b>      | 25,0 - 30,0         |             |      |                |          |          |      | 01260004835 |               |
| <b>5,0</b>     | <b>8</b>            | 2,0 - 4,0   | 5,10 | 8,75           | 1,40     | 3,10     | 4500 | 5500        | 01260005008   |
|                | <b>10</b>           | 4,0 - 6,0   |      |                |          |          |      |             | 01260005010   |
|                | <b>12</b>           | 6,0 - 8,0   |      |                |          |          |      |             | 01260005012   |
|                | <b>14</b>           | 8,0 - 9,5   |      |                |          |          |      |             | 01260005014   |
|                | <b>16</b>           | 9,5 - 11,0  |      |                |          |          |      |             | 01260005016   |
| <b>6,4</b>     | <b>12</b>           | 4,0 - 6,0   | 6,50 | 12,70          | 1,70     | 3,85     | 7570 | 9350        | 01260006412   |
|                | <b>15</b>           | 6,0 - 9,0   |      |                |          |          |      |             | 01260006415   |
|                | <b>18</b>           | 9,0 - 12,0  |      |                |          |          |      |             | 01260006418   |
|                | <b>20</b>           | 12,0 - 14,0 |      |                |          |          |      |             | 01260006420   |
|                | <b>25</b>           | 14,0 - 18,0 |      |                |          |          |      |             | 01260006425   |

# BLIND RIVET STANDARD REMACHE ESTANDAR

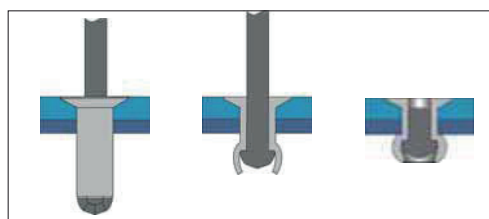
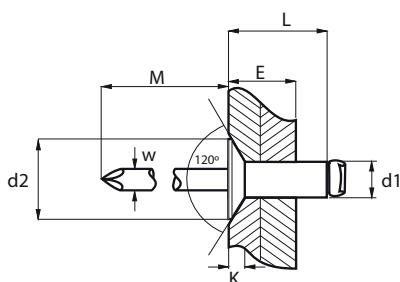
UNE - EN ISO 15984



| English                       | Español                | Français          | Deutsch               | Portugues           |
|-------------------------------|------------------------|-------------------|-----------------------|---------------------|
| Countersunk head 120°         | Cabeza avellanada 120° | Tête fraisee 120° | Senkkopf 120°         | Cabeça embeber 120° |
| Body: Stainless Steel A2*     | Cuerpo: Inox A2*       | Corps: Inox A2 *  | Hülse: Edelstahl A2 * | Corpo: Inox A2 *    |
| Mandrel: Stainless Steel A2** | Vástago: Inox A2 **    | Clou: Inox A2 **  | Dorn: Edelstahl A2 ** | Prego: Inox A2 **   |

\* Inox AISI 304 CU 1.4567

\*\* Inox AISI 304 1.4301



| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | E<br>m/m    |      | d2<br>Ø<br>m/m | K<br>m/m | W<br>m/m | (N)  | (N)  | Part No/Ref. |
|----------------|---------------------|-------------|------|----------------|----------|----------|------|------|--------------|
| <b>3,2</b>     | <b>6</b>            | 1,5 - 3,0   | 3,30 | 6,00           | 0,90     | 2,10     | 2000 | 2900 | 01270003206  |
|                | <b>8</b>            | 3,0 - 5,5   |      |                |          |          |      |      | 01270003208  |
|                | <b>10</b>           | 5,5 - 7,0   |      |                |          |          |      |      | 01270003210  |
|                | <b>12</b>           | 7,0 - 9,0   |      |                |          |          |      |      | 01270003212  |
| <b>4,0</b>     | <b>8</b>            | 3,0 - 5,0   | 4,10 | 7,50           | 1,00     | 2,40     | 3500 | 4200 | 01270004008  |
|                | <b>10</b>           | 5,0 - 6,5   |      |                |          |          |      |      | 01270004010  |
|                | <b>12</b>           | 6,5 - 8,5   |      |                |          |          |      |      | 01270004012  |
|                | <b>14</b>           | 8,5 - 10,5  |      |                |          |          |      |      | 01270004014  |
| <b>4,8</b>     | <b>8</b>            | 3,0 - 4,5   | 4,90 | 9,00           | 1,20     | 3,10     | 4500 | 5600 | 01270004808  |
|                | <b>10</b>           | 4,5 - 6,0   |      |                |          |          |      |      | 01270004810  |
|                | <b>12</b>           | 6,0 - 8,0   |      |                |          |          |      |      | 01270004812  |
|                | <b>14</b>           | 8,0 - 10,0  |      |                |          |          |      |      | 01270004814  |
|                | <b>18</b>           | 12,0 - 14,0 |      |                |          |          |      |      | 01270004818  |

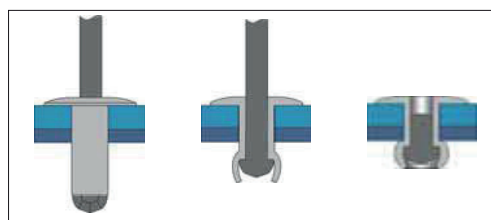
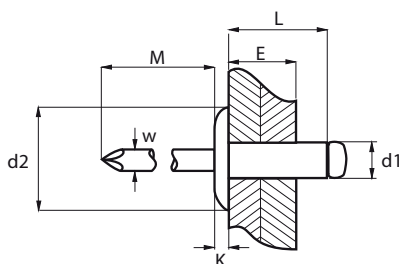
# BLIND RIVET STANDARD

## REMACHE ESTANDAR



| English                       | Español             | Français         | Deutsch               | Portugues         |
|-------------------------------|---------------------|------------------|-----------------------|-------------------|
| Large head                    | Cabeza ancha        | Tête large       | Grosskopf             | Cabeça larga      |
| Body: Stainless Steel A2*     | Cuerpo: Inox A2*    | Corps: Inox A2 * | Hülse: Edelstahl A2 * | Corpo: Inox A2 *  |
| Mandrel: Stainless Steel A2** | Vástago: Inox A2 ** | Clou: Inox A2 ** | Dorn: Edelstahl A2 ** | Prego: Inox A2 ** |

\* Inox AISI 304 CU 1.4567  
\*\* Inox AISI 304 1.4301



| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | E<br>m/m    |            | d2<br>Ø<br>m/m | K<br>m/m | W<br>m/m | (N)  | (N)         | Part No./Ref. |
|----------------|---------------------|-------------|------------|----------------|----------|----------|------|-------------|---------------|
| <b>3,2</b>     | <b>10</b>           | 5,5 - 6,5   | 3,30       | 9,40           | 1,20     | 2,10     | 2000 | 2900        | 01310003210   |
|                | <b>4,0</b>          | <b>10</b>   | 5,0 - 7,0  | 4,10           | 12,00    | 1,70     | 3500 | 4200        | 01310004010   |
|                |                     | <b>13</b>   | 7,0 - 10,0 |                |          |          |      |             |               |
|                | <b>16</b>           | 10,0 - 13,0 |            |                |          |          |      |             | 01310004016   |
| <b>4,8</b>     | <b>8</b>            | 1,5 - 3,0   | 4,90       | 14,00          | 2,00     | 3,10     | 4500 | 5600        | 01311004808   |
|                | <b>4,8</b>          | <b>8</b>    | 1,5 - 3,0  | 4,90           | 16,00    | 2,00     | 3,10 | 4500        | 5600          |
| <b>10</b>      |                     | 3,0 - 6,0   |            |                |          |          |      |             | 01310004810   |
| <b>12</b>      |                     | 6,0 - 8,0   |            |                |          |          |      |             | 01310004812   |
| <b>16</b>      |                     | 8,0 - 10,0  |            |                |          |          |      |             | 01310004816   |
| <b>18</b>      |                     | 12,0 - 14,0 |            |                |          |          |      |             | 01310004818   |
| <b>20</b>      |                     | 14,0 - 16,0 |            |                |          |          |      |             | 01310004820   |
| <b>22</b>      |                     | 16,0 - 18,0 |            |                |          |          |      |             | 01310004822   |
| <b>25</b>      |                     | 18,0 - 20,0 |            |                |          |          |      |             | 01310004825   |
| <b>30</b>      | 20,0 - 25,0         |             |            |                |          |          |      | 01310004830 |               |
| <b>35</b>      | 25,0 - 30,0         |             |            |                |          |          |      | 01310004835 |               |

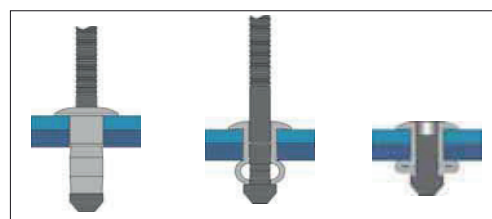
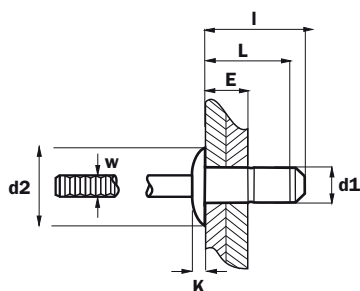
# BLIND RIVET HARD GRIP REMACHE HARD GRIP







| English                       | Español             | Français         | Deutsch               | Portugues         |
|-------------------------------|---------------------|------------------|-----------------------|-------------------|
| Dome head                     | Cabeza alomada      | Tête plate       | Flachrundkopf         | Cabeça boleada    |
| Body: Stainless Steel A2*     | Cuerpo: Inox A2*    | Corps: Inox A2 * | Hülse: Edelstahl A2 * | Corpo: Inox A2 *  |
| Mandrel: Stainless Steel A2** | Vástago: Inox A2 ** | Clou: Inox A2 ** | Dorn: Edelstahl A2 ** | Prego: Inox A2 ** |

\* Inox AISI 304 CU 1.4567

\*\* Inox AISI 304 1.4301



| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | <br>E<br>m/m |  | d2<br>Ø<br>m/m | K<br>m/m | W<br>m/m | I<br>m/m |  (N) |  (N) | Part No/Ref. |
|----------------|---------------------|--|---|----------------|----------|----------|----------|--|--|--------------|
| <b>3,2</b>     | <b>7,5</b>          | 1,0 - 3,0  | 3,30 - 3,40   | 6,50           | 1,00     | 2,10     | 10,0     | 2000   | 1700   | 01896003207  |
|                | <b>9,5</b>          | 3,0 - 5,0  |   |                |          |          | 12,0     |  |  | 01896003210  |
|                | <b>12,5</b>         | 5,0 - 7,0  |   |                |          |          | 15,0     |  |  | 01896003212  |
| <b>4,0</b>     | <b>7,5</b>          | 1,0 - 3,0  | 4,10 - 4,40   | 7,70           | 1,30     | 2,60     | 10,00    | 5200   | 4000   | 01896004008  |
|                | <b>9,5</b>          | 3,0 - 5,0  |   |                |          |          | 12,00    |  |  | 01896004010  |
|                | <b>12,5</b>         | 5,0 - 7,0  |   |                |          |          | 15,00    |  |  | 01896004013  |
| <b>4,8</b>     | <b>9,5</b>          | 1,5 - 3,5  | 5,00 - 5,20   | 9,20           | 1,20     | 3,20     | 13,00    | 5500   | 5000   | 01896004809  |
|                | <b>11,5</b>         | 3,5 - 6,0  |   |                |          |          | 15,00    |  |  | 01896004812  |
|                | <b>14,5</b>         | 6,0 - 8,5  |   |                |          |          | 18,00    |  |  | 01896004815  |
|                | <b>16,5</b>         | 8,5 - 10,5   |   |                |          |          | 20,00    |  |  | 01896004817  |

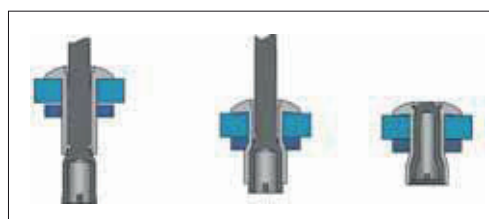
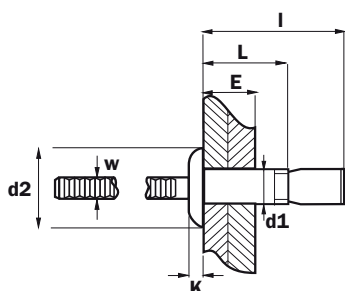
# BLIND RIVET STRUCTURAL REMACHE ESTRUCTURAL







| English                       | Español             | Français         | Deutsch               | Portugues         |
|-------------------------------|---------------------|------------------|-----------------------|-------------------|
| Dome head                     | Cabeza alomada      | Tête plate       | Flachrundkopf         | Cabeça Boleada    |
| Body: Stainless Steel A2*     | Cuerpo: Inox A2*    | Corps: Inox A2 * | Hülse: Edelstahl A2 * | Corpo: Inox A2 *  |
| Mandrel: Stainless Steel A2** | Vástago: Inox A2 ** | Clou: Inox A2 ** | Dorn: Edelstahl A2 ** | Prego: Inox A2 ** |

\* Inox AISI 304 CU 1.4567

\*\* Inox AISI 304 1.4301



| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | <br>E<br>m/m |  | d2<br>Ø<br>m/m | K<br>m/m | W<br>m/m | I<br>m/m |  (N) |  (N) | Part No/Ref. |
|----------------|---------------------|--|---|----------------|----------|----------|----------|--|--|--------------|
| <b>4,8</b>     | <b>10,3</b>         | 1,50 - 6,80  | 4,90 - 5,10   | 9,70           | 1,80     | 3,00     | 18,0     | 5800   | 5000   | G1826004810  |
|                | <b>13,5</b>         | 1,50 - 11,00   |   |                |          |          | 24,0     |  |  | G1826004813  |
| <b>6,5</b>     | <b>14,0</b>         | 2,00 - 9,50  | 6,60 - 7,00   | 13,00          | 2,50     | 4,00     | 24,0     | 10780  | 8820   | G1826006514  |
|                | <b>20,0</b>         | 2,00 - 16,00   |   |                |          |          | 33,0     |  |  | G1826006520  |

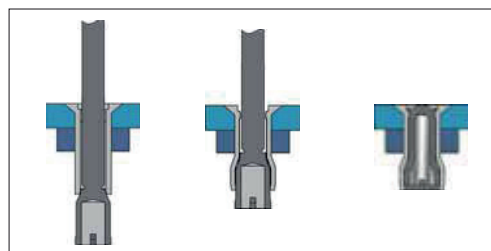
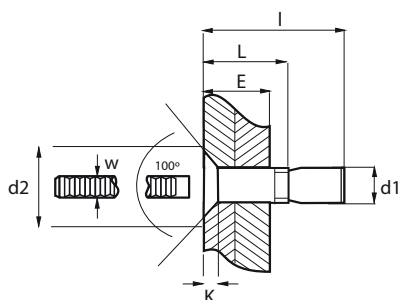
# BLIND RIVET STRUCTURAL REMACHE ESTRUCTURAL







| English                       | Español                | Français          | Deutsch               | Portugues           |
|-------------------------------|------------------------|-------------------|-----------------------|---------------------|
| Countersunk head 100°         | Cabeza avellanada 100° | Tête fraisee 100° | Senkkopf 100°         | Cabeça embeber 100° |
| Body: Stainless Steel A2*     | Cuerpo: Inox A2*       | Corps: Inox A2 *  | Hülse: Edelstahl A2 * | Corpo: Inox A2 *    |
| Mandrel: Stainless Steel A2** | Vástago: Inox A2 **    | Clou: Inox A2 **  | Dorn: Edelstahl A2 ** | Prego: Inox A2 **   |

\* Inox AISI 304 CU 1.4567

\*\* Inox AISI 304 1.4301



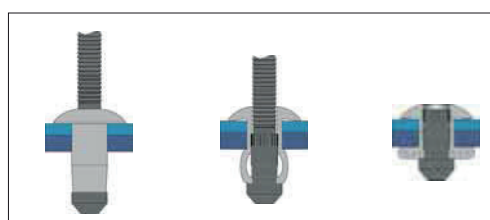
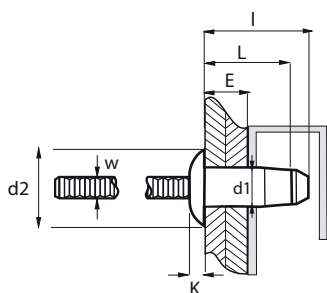
| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | <br>E<br>m/m |  | d2<br>Ø<br>m/m | K<br>m/m | W<br>m/m | I<br>m/m |  (N) |  (N) | Part No./Ref. |
|----------------|---------------------|--|---|----------------|----------|----------|----------|--|--|---------------|
| <b>6,5</b>     | <b>16,0</b>         | 3,00 - 12,00   | 6,60 - 7,00   | 10,10          | 1,50     | 4,00     | 26,00    | 10780  | 8820   | G1827006516   |

# BLIND RIVET HARD LOCK REMACHE HARD LOCK



| English                       | Español             | Français         | Deutsch               | Portugues         |
|-------------------------------|---------------------|------------------|-----------------------|-------------------|
| Dome head                     | Cabeza alomada      | Tête plate       | Flachrundkopf         | Cabeça boleada    |
| Body: Stainless Steel A2*     | Cuerpo: Inox A2*    | Corps: Inox A2 * | Hülse: Edelstahl A2 * | Corpo: Inox A2 *  |
| Mandrel: Stainless Steel A2** | Vástago: Inox A2 ** | Clou: Inox A2 ** | Dorn: Edelstahl A2 ** | Prego: Inox A2 ** |

\* Inox AISI 304 CU 1.4567  
\*\* Inox AISI 304 1.4301



| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | E<br>m/m   | d2<br>Ø<br>m/m | K<br>m/m | W<br>m/m | I<br>m/m | (N)  | (N)   | Part No/Ref. |             |
|----------------|---------------------|------------|----------------|----------|----------|----------|------|-------|--------------|-------------|
| 6,4            | 14,5                | 6,8 - 8,8  | 6,70 - 6,90    | 13,10    | 2,60     | 4,00     | 19,0 | 15000 | 8000         | G1886006415 |
|                | 16,5                | 8,8 - 10,8 |                |          |          |          | 21,0 | 16000 | 8000         | G1886006417 |

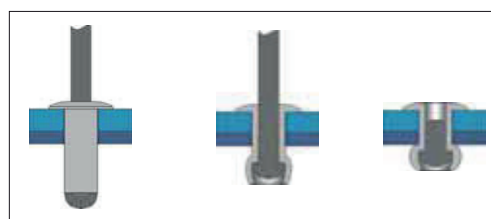
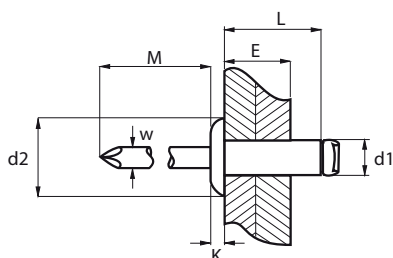
# BLIND RIVET STANDARD

## REMACHE ESTANDAR



| English                       | Español             | Français         | Deutsch               | Portugues         |
|-------------------------------|---------------------|------------------|-----------------------|-------------------|
| Dome head                     | Cabeza alomada      | Tête plate       | Flachrundkopf         | Cabeça boleada    |
| Body: Stainless Steel A4*     | Cuerpo: Inox A4*    | Corps: Inox A4 * | Hülse: Edelstahl A4 * | Corpo: Inox A4 *  |
| Mandrel: Stainless Steel A4** | Vástago: Inox A4 ** | Clou: Inox A4 ** | Dorn: Edelstahl A4 ** | Prego: Inox A4 ** |

\* Inox AISI 316 1.4404  
\*\* Inox AISI 316 1.4401



| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | E<br>m/m    |      | d2<br>Ø<br>m/m | K<br>m/m | W<br>m/m | (N)  | (N)  | Part No/Ref. |
|----------------|---------------------|-------------|------|----------------|----------|----------|------|------|--------------|
| <b>3,2</b>     | 6                   | 1,0 - 3,0   | 3,30 | 6,20           | 1,00     | 2,10     | 2000 | 2900 | 01340003206  |
|                | 8                   | 3,0 - 5,0   |      |                |          |          |      |      | 01340003208  |
|                | 10                  | 5,0 - 7,0   |      |                |          |          |      |      | 01340003210  |
|                | 12                  | 7,0 - 9,0   |      |                |          |          |      |      | 01340003212  |
|                | 15                  | 9,0 - 12,0  |      |                |          |          |      |      | 01340003215  |
| <b>4,0</b>     | 6                   | 1,0 - 3,0   | 4,10 | 8,00           | 1,30     | 2,40     | 3500 | 4200 | 01340004006  |
|                | 8                   | 3,0 - 5,0   |      |                |          |          |      |      | 01340004008  |
|                | 10                  | 5,0 - 6,5   |      |                |          |          |      |      | 01340004010  |
|                | 12                  | 6,5 - 8,5   |      |                |          |          |      |      | 01340004012  |
|                | 14                  | 8,5 - 10,0  |      |                |          |          |      |      | 01340004014  |
|                | 16                  | 10,5 - 12,0 |      |                |          |          |      |      | 01340004016  |
|                | 20                  | 14,5 - 16,0 |      |                |          |          |      |      | 01340004020  |
| <b>4,8</b>     | 8                   | 1,0 - 3,0   | 4,90 | 8,70           | 1,40     | 3,10     | 4500 | 5600 | 01340004808  |
|                | 10                  | 3,0 - 6,0   |      |                |          |          |      |      | 01340004810  |
|                | 12                  | 6,0 - 8,0   |      |                |          |          |      |      | 01340004812  |
|                | 14                  | 8,0 - 10,0  |      |                |          |          |      |      | 01340004814  |
|                | 16                  | 10,0 - 12,0 |      |                |          |          |      |      | 01340004816  |
|                | 18                  | 12,0 - 14,0 |      |                |          |          |      |      | 01340004818  |
|                | 20                  | 14,0 - 16,0 |      |                |          |          |      |      | 01340004820  |
| <b>5,0</b>     | 8                   | 1,0 - 3,0   | 5,10 | 8,75           | 1,40     | 3,10     | 5500 | 5600 | 01340005008  |
|                | 10                  | 3,0 - 6,0   |      |                |          |          |      |      | 01340005010  |
|                | 12                  | 6,0 - 8,0   |      |                |          |          |      |      | 01340005012  |
|                | 14                  | 8,0 - 10,0  |      |                |          |          |      |      | 01340005014  |
|                | 16                  | 10,0 - 12,0 |      |                |          |          |      |      | 01340005016  |
|                | 18                  | 12,0 - 14,0 |      |                |          |          |      |      | 01340005018  |
|                | 20                  | 14,0 - 16,0 |      |                |          |          |      |      | 01340005020  |



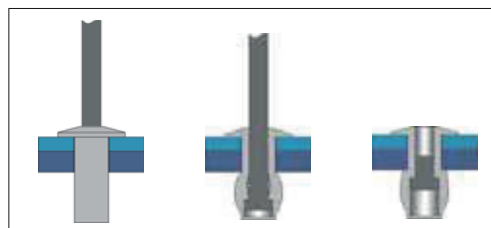
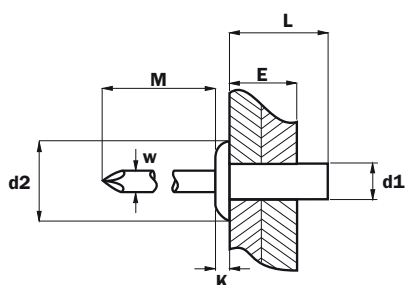
# BLIND RIVET SEALED REMACHE ESTANCO



| English                       | Español             | Français         | Deutsch               | Portugues         |
|-------------------------------|---------------------|------------------|-----------------------|-------------------|
| Dome head                     | Cabeza alomada      | Tête plate       | Flachrundkopf         | Cabeça boleada    |
| Body: Stainless Steel A2*     | Cuerpo: Inox A2*    | Corps: Inox A2 * | Hülse: Edelstahl A2 * | Corpo: Inox A2 *  |
| Mandrel: Stainless Steel A2** | Vástago: Inox A2 ** | Clou: Inox A2 ** | Dorn: Edelstahl A2 ** | Prego: Inox A2 ** |

\* Inox AISI 304 CU 1.4567

\*\* Inox AISI 304 1.4301



| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | E<br>m/m    |      | d2<br>Ø<br>m/m | K<br>m/m | W<br>m/m | (N)  | (N)  | Part No/Ref. |
|----------------|---------------------|-------------|------|----------------|----------|----------|------|------|--------------|
| <b>3,2</b>     | <b>8,0</b>          | 0,5 - 3,0   | 3,30 | 6,00           | 1,00     | 1,90     | 3200 | 3600 | 01300003208  |
|                | <b>9,5</b>          | 1,0 - 4,5   |      |                |          |          |      |      | 01300003209  |
|                | <b>12,0</b>         | 4,5 - 7,0   |      |                |          |          |      |      | 01300003212  |
| <b>4,0</b>     | <b>8,0</b>          | 0,5 - 3,0   | 4,10 | 8,00           | 1,40     | 2,30     | 4200 | 5100 | 01300004008  |
|                | <b>9,5</b>          | 1,0 - 4,5   |      |                |          |          |      |      | 01300004009  |
|                | <b>12,0</b>         | 4,5 - 6,5   |      |                |          |          |      |      | 01300004012  |
|                | <b>14,0</b>         | 6,5 - 9,0   |      |                |          |          |      |      | 01300004014  |
|                | <b>16,0</b>         | 9,0 - 11,0  |      |                |          |          |      |      | 01300004016  |
| <b>4,8</b>     | <b>9,5</b>          | 1,0 - 4,0   | 4,90 | 9,50           | 1,40     | 2,90     | 5500 | 7550 | 01300004809  |
|                | <b>12,0</b>         | 4,0 - 6,0   |      |                |          |          |      |      | 01300004812  |
|                | <b>13,0</b>         | 5,0 - 7,0   |      |                |          |          |      |      | 01300004813  |
|                | <b>15,0</b>         | 5,0 - 9,0   |      |                |          |          |      |      | 01300004815  |
|                | <b>16,0</b>         | 6,0 - 10,0  |      |                |          |          |      |      | 01300004816  |
|                | <b>17,0</b>         | 10,0 - 12,0 |      |                |          |          |      |      | 01300004817  |
|                | <b>18,0</b>         | 11,0 - 13,0 |      |                |          |          |      |      | 01300004818  |

# BLIND RIVET STANDARD

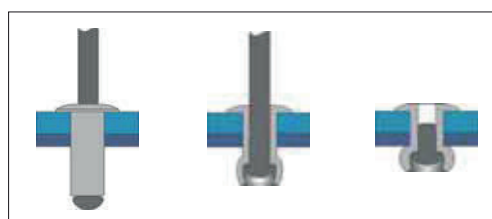
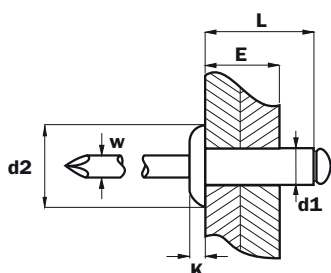
## REMACHE ESTANDAR

UNE - EN ISO 16582



| English                                 | Español                              | Français                         | Deutsch                             | Portugues                        |
|---|--------------------------------------|----------------------------------|-------------------------------------|----------------------------------|
| Dome head                               | Cabeza alomada                       | Tête plate                       | Flachrundkopf                       | Cabeça boleada                   |
| Body: Copper                            | Cuerpo: Cobre                        | Corps: Cuivre                    | Hülse: Kupfer                       | Corpo: Cobre                     |
| Mandrel: Steel *<br>zincplated 3 µ mín. | Vástago: Acero *<br>cincado 3 µ mín. | Clou: Acier *<br>zingué 3 µ mín. | Dorn: Stahl, *<br>verzinkt 3 µ mín. | Prego: Aço *<br>zincado 3 µ mín. |

\* Steel /acero DIN EN 10016-2 SAE 1010-1020-1030-1040



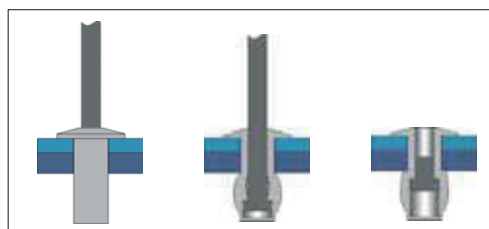
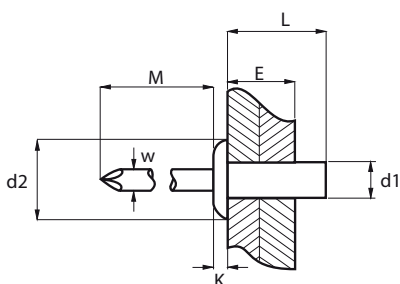
| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | E<br>m/m    |      | d2<br>Ø<br>m/m | K<br>m/m | W<br>m/m | (N)  | (N)  | Part No/Ref. |
|----------------|---------------------|-------------|------|----------------|----------|----------|------|------|--------------|
| <b>3,0</b>     | <b>6</b>            | 1,5 - 3,0   | 3,10 | 6,30           | 0,80     | 1,80     | 650  | 900  | 01250003006  |
|                | <b>8</b>            | 3,5 - 5,5   |      |                |          |          |      |      | 01250003008  |
|                | <b>10</b>           | 5,5 - 7,0   |      |                |          |          |      |      | 01250003010  |
|                | <b>12</b>           | 7,0 - 9,0   |      |                |          |          |      |      | 01250003012  |
| <b>4,0</b>     | <b>6</b>            | 1,5 - 3,0   | 4,10 | 8,00           | 1,00     | 2,40     | 1400 | 2000 | 01250004006  |
|                | <b>8</b>            | 3,0 - 5,0   |      |                |          |          |      |      | 01250004008  |
|                | <b>10</b>           | 5,0 - 6,5   |      |                |          |          |      |      | 01250004010  |
|                | <b>12</b>           | 6,5 - 8,5   |      |                |          |          |      |      | 01250004012  |
|                | <b>14</b>           | 8,5 - 10,5  |      |                |          |          |      |      | 01250004014  |
|                | <b>16</b>           | 10,5 - 12,5 |      |                |          |          |      |      | 01250004016  |
| <b>4,8</b>     | <b>8</b>            | 3,0 - 4,5   | 4,90 | 9,50           | 1,10     | 2,93     | 1900 | 2800 | 01250004808  |
|                | <b>10</b>           | 4,5 - 6,0   |      |                |          |          |      |      | 01250004810  |
|                | <b>12</b>           | 6,0 - 8,0   |      |                |          |          |      |      | 01250004812  |
|                | <b>14</b>           | 8,0 - 10,0  |      |                |          |          |      |      | 01250004814  |
|                | <b>16</b>           | 10,0 - 12,0 |      |                |          |          |      |      | 01250004816  |

# BLIND RIVET SEALED REMACHE ESTANCO



| English                        | Español                      | Français               | Deutsch                | Portugues              |
|--------------------------------|------------------------------|------------------------|------------------------|------------------------|
| Dome head                      | Cabeza alomada               | Tête plate             | Flachrundkopf          | Cabeça boleada         |
| Body: Copper                   | Cuerpo: Cobre                | Corps: Cuivre          | Hülse: Kupfer          | Corpo: Cobre           |
| Mandrel: Steel *<br>lubricated | Vástago: Acero *<br>aceitado | Clou: Acier *<br>huilé | Dorn: Stahl *<br>geölt | Prego: Aço *<br>oleado |

\* Steel /acero DIN EN 10016-2 SAE 1010-1020-1030-1040

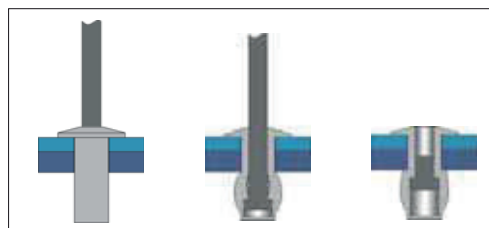
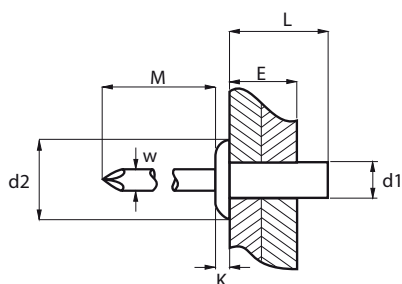


| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | E<br>m/m  |      | d2<br>Ø<br>m/m | K<br>m/m | W<br>m/m | (N)  | (N)  | Part No/Ref. |
|----------------|---------------------|-----------|------|----------------|----------|----------|------|------|--------------|
| <b>3,2</b>     | <b>6,5</b>          | 0,5 - 2,0 | 3,30 | 6,30           | 1,40     | 1,70     | 1050 | 1200 | 01320003206  |
|                | <b>8,0</b>          | 2,0 - 3,0 |      |                |          |          |      |      | 01320003208  |
|                | <b>9,5</b>          | 3,0 - 5,0 |      |                |          |          |      |      | 01320003209  |
|                | <b>12,0</b>         | 4,0 - 7,5 |      |                |          |          |      |      | 01320003212  |
| <b>4,0</b>     | <b>8,0</b>          | 0,5 - 3,5 |      |                |          |          |      |      | 01320004008  |
|                | <b>10,0</b>         | 3,0 - 5,0 | 4,10 | 8,00           | 1,40     | 2,20     | 2050 | 2900 | 01320004010  |
| <b>4,8</b>     | <b>9,5</b>          | 1,0 - 4,5 |      |                |          |          |      |      | 01320004809  |
|                | <b>12,0</b>         | 4,0 - 7,0 | 4,90 | 9,50           | 1,60     | 2,65     | 3350 | 3300 | 01320004812  |

# BLIND RIVET SEALED REMACHE ESTANCO



| English                  | Español        | Français      | Deutsch         | Portugues      |
|--------------------------|----------------|---------------|-----------------|----------------|
| Dome head                | Cabeza alomada | Tête plate    | Flachrundkopf   | Cabeça boleada |
| Body: Copper             | Cuerpo: Cobre  | Corps: Cuivre | Hülse: Kupfer   | Corpo: Cobre   |
| Mandrel: Stainless Steel | Vástago: Inox  | Clou: Inox    | Dorn: Edelstahl | Prego: Inox    |



| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | E<br>m/m  |      | d2<br>Ø<br>m/m | K<br>m/m | W<br>m/m | (N)  | (N)  | Part No/Ref. |
|----------------|---------------------|-----------|------|----------------|----------|----------|------|------|--------------|
| <b>3,2</b>     | <b>6,5</b>          | 0,5 - 2,0 | 3,30 | 6,30           | 1,40     | 1,70     | 1250 | 2100 | 01329003206  |
|                | <b>8,0</b>          | 2,0 - 3,5 |      |                |          |          |      |      | 01329003208  |
|                | <b>9,5</b>          | 3,5 - 5,0 |      |                |          |          |      |      | 01329003209  |
| <b>4,0</b>     | <b>8,0</b>          | 0,5 - 3,5 | 4,10 | 8,00           | 1,40     | 2,20     | 1900 | 2500 | 01329004008  |
|                | <b>10,0</b>         | 3,0 - 5,0 |      |                |          |          |      |      | 01329004010  |

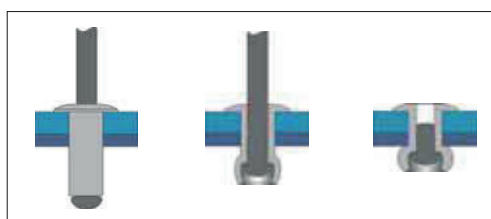
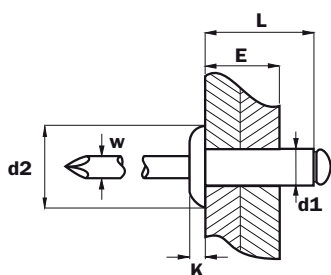
# BLIND RIVET STANDARD

## REMACHE ESTANDAR

UNE - EN ISO 16582



| English         | Español         | Français      | Deutsch       | Portugues      |
|-----------------|-----------------|---------------|---------------|----------------|
| Dome head       | Cabeza alomada  | Tête plate    | Flachrundkopf | Cabeça boleada |
| Body: Copper    | Cuerpo: Cobre   | Corps: Cuivre | Hülse: Kupfer | Corpo: Cobre   |
| Mandrel: Bronze | Vástago: Bronce | Clou: Bronze  | Dorn: Bronze  | Prego: Bronze  |

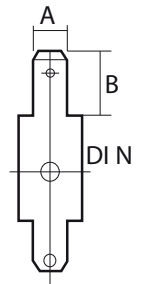
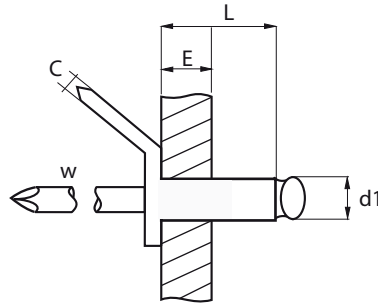


| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | E<br>m/m    |      | d2<br>Ø<br>m/m | K<br>m/m | W<br>m/m | (N)  | (N)  | Part No/Ref. |
|----------------|---------------------|-------------|------|----------------|----------|----------|------|------|--------------|
| <b>3,0</b>     | <b>6</b>            | 2,0 - 3,0   | 3,10 | 6,30           | 0,80     | 1,80     | 750  | 850  | 01400003006  |
|                | <b>8</b>            | 3,0 - 5,0   |      |                |          |          |      |      | 01400003008  |
|                | <b>10</b>           | 5,0 - 7,0   |      |                |          |          |      |      | 01400003010  |
|                | <b>12</b>           | 7,0 - 9,0   |      |                |          |          |      |      | 01400003012  |
| <b>3,2</b>     | <b>6</b>            | 2,0 - 3,0   | 3,30 | 6,50           | 0,80     | 1,80     | 880  | 1150 | 01400003206  |
|                | <b>8</b>            | 3,0 - 5,0   |      |                |          |          |      |      | 01400003208  |
|                | <b>10</b>           | 5,0 - 7,0   |      |                |          |          |      |      | 01400003210  |
|                | <b>12</b>           | 7,0 - 9,0   |      |                |          |          |      |      | 01400003212  |
| <b>4,0</b>     | <b>6</b>            | 2,5 - 3,5   | 4,10 | 8,40           | 1,30     | 2,40     | 1400 | 2000 | 01400004006  |
|                | <b>8</b>            | 3,5 - 5,0   |      |                |          |          |      |      | 01400004008  |
|                | <b>10</b>           | 5,0 - 7,0   |      |                |          |          |      |      | 01400004010  |
|                | <b>12</b>           | 7,0 - 8,5   |      |                |          |          |      |      | 01400004012  |
|                | <b>14</b>           | 8,5 - 10,0  |      |                |          |          |      |      | 01400004014  |
|                | <b>16</b>           | 10,0 - 12,5 |      |                |          |          |      |      | 01400004016  |



# TERMINALES DE LATÓN

| English                    | Español                      | Français              | Deutsch                   | Portugues              |
|----------------------------|------------------------------|-----------------------|---------------------------|------------------------|
| Head: Brass                | Cabeza: Latón                | Tête: Laiton          | Kopf: Messing             | Cabeça: Latao          |
| Mandrel:<br>Coppored Steel | Vástago:<br>Acero Cobreizado | Clou:<br>Acier Cuivre | Dorn:<br>Stahl Verkupfert | Prego:<br>Aço Cobreado |



**CABEZA: Latón**  
**VÁSTAGO: Acero Cobreizado**



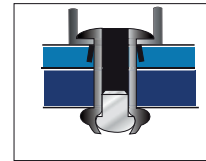
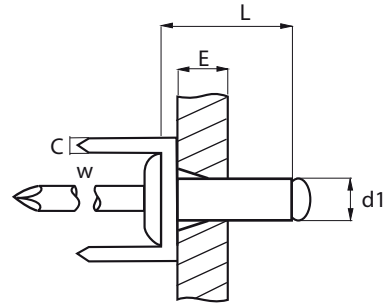
| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | E<br>m/m | W    | A    | B    | C    | Part No/Ref. |             |
|----------------|---------------------|----------|------|------|------|------|--------------|-------------|
| 4,0            | 7,0                 | 4,0      | 4,10 | 2,40 | 6,30 | 8,50 | 0,80         | 01910004007 |
|                | 7,0                 | 4,0      | 4,10 | 2,40 | 6,30 | 8,50 | 0,80         | 01920004007 |

1 salida  
2 salidas



# TERMINALES DE LATÓN

| English               | Español                   | Français           | Deutsch                | Portugues           |
|-----------------------|---------------------------|--------------------|------------------------|---------------------|
| Head: Brass           | Cabeza: Latón             | Tête: Laiton       | Kopf: Messing          | Cabeça: Latao       |
| Mandrel: Copped Steel | Vástago: Acero Cobreizado | Clou: Acier Cuivre | Dorn: Stahl Verkupfert | Prego: Aço Cobreado |
| Mass-Rivet: Cooper    | Terminal: Cobre           | Cosse: Cuivre      | Erdungsniet: Kupfer    | Terminal: Cobre     |



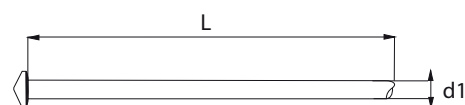
**CABEZA:** Latón  
**VÁSTAGO:** Acero Cobreizado  
**TERMINAL:** Cobre

| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | E<br>m/m | W    | A    | B    | C    | Part No/Ref. |
|----------------|---------------------|----------|------|------|------|------|--------------|
| 3,8            | 8,0                 | 1,2      | 5,20 | 2,25 | 6,30 | 7,80 | 01920003808  |

# CLAVOS SOLDABLES

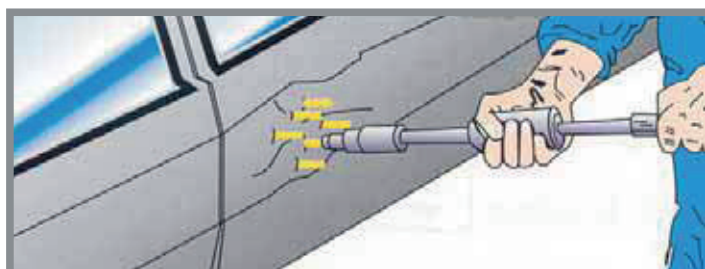


| English                 | Español                     | Français               | Deutsch                   | Portugues               |
|-------------------------|-----------------------------|------------------------|---------------------------|-------------------------|
| Head:<br>Coppored Steel | Cabeza:<br>Acero Cobreizado | Tête:<br>Acier Cuivre  | Kopf:<br>Stahl Verkupfen  | Cabeça:<br>Aço Cobreado |
| Body:<br>Coppored Steel | Cuerpo:<br>Acero Cobreizado | Corps:<br>Acier Cuivre | Hülse:<br>Stahl Verkupfen | Corpo:<br>Aço Cobreado  |



**CABEZA:** Acero Cobreizado  
**VÁSTAGO:** Acero Cobreizado

| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | CÓDIGO<br>ARTÍCULO |
|----------------|---------------------|--------------------|
| 2,0            | 50                  | 04000002050        |
|                | 50                  | 04000002550        |
| 2,5            | 50                  | 04000002550        |



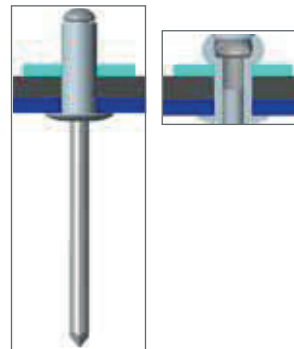
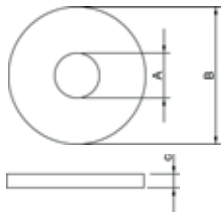


# WASHERS FOR RIVET

## ARANDELAS PARA REMACHES



| English  | Español | Français | Deutsch | Portugues |
|--|---------|----------|---------|-----------|
| Steel *  | Acero * | Acier *  | Stahl * | Aço *     |
| * Acero Protección Cincado/Galvanised Steel Protection |         |          |         |           |



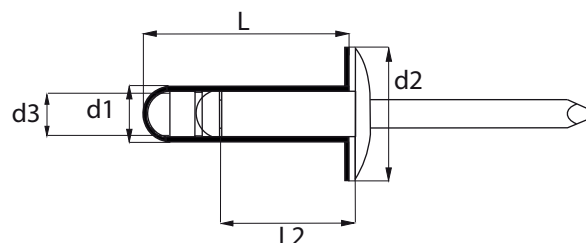
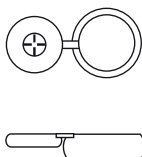
Acero Protección Cincado

| d1<br>Ø<br>m/m | A<br>m/m | B<br>m/m | C<br>m/m | Part No/Ref. |
|----------------|----------|----------|----------|--------------|
| 2,4            | 2,50     | 9,00     | 1,00     | 07210002400  |
| 3,0            | 3,10     | 9,00     | 1,00     | 07210003000  |
| 3,2            | 3,30     | 9,50     | 1,00     | 07210003200  |
| 4,0            | 4,10     | 12,00    | 1,00     | 07210004000  |
| 4,8            | 4,90     | 15,00    | 1,50     | 07210004800  |
| 5,0            | 5,10     | 15,00    | 1,50     | 07210005000  |
| 6,0            | 6,10     | 15,00    | 1,50     | 07210006000  |
| 6,4            | 6,50     | 15,00    | 1,50     | 07210006400  |

# RIVET CAPS TAPONES PARA REMACHES



| English         | Español         | Français        | Deutsch         | Portugues       |
|-----------------|-----------------|-----------------|-----------------|-----------------|
| Material: Nylon | Material: Nylon | Matériel: Nylon | Material: Nylon | Material: Nylon |



| d1<br>Ø<br>m/m | d2<br>Ø<br>m/m |
|----------------|----------------|
| 3,2            | 6,5            |
| 4,0            | 8,0            |
| 4,8            | 9,5            |

| L<br>Nominal<br>m/m | d1<br>Ø<br>m/m | d2<br>Ø<br>m/m | L2<br>Rivet<br>MAX.<br>m/m | d3<br>Ø<br>m/m |
|---------------------|----------------|----------------|----------------------------|----------------|
| 21,8                | 5,8            | 14,0           | 16,00                      | 4,8            |

| RAL                  | CÓDIGO ARTÍCULO |
|----------------------|-----------------|
| Negro <b>9005</b>    | 07000N09000     |
| Blanco <b>9010</b>   | 07000BL9000     |
| Amarillo <b>1004</b> | 07000J19000     |
| Gris <b>7035</b>     | 07000G09000     |
| Marrón <b>8014</b>   | 07000M09000     |
| Beis <b>1015</b>     | 07000BE9000     |
| Azul <b>5002</b>     | 07000A59000     |

| RAL               | CÓDIGO ARTÍCULO |
|-------------------|-----------------|
| Negro <b>9005</b> | 07000N01400     |

\*FOR RIVETS WITH DOME HEAD  
 \*\*PARA REMACHES CON CABEZA ALOMADA  
 \*\*\*POUR RIVET A TETE PLATE  
 \*\*\*\*FÜR NIETE MIT FLACHKOPF  
 \*\*\*\*\*PARA REBITES COM CABEÇA BOLEADA

# Reinvarches rápidos



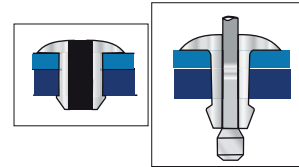
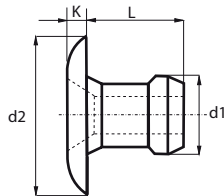
**SIASA**  
Suministros Industriales del Tajo, S.A.

# REMACHE RAPIDO BSR

## ALUMINIO CABEZA ALOMADA



| English                             | Español                       | Français                      | Deutsch                       | Portugues                    |
|-------------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|
| Dome head                           | Cabeza alomada                | Tête plate                    | Flachrundkopf                 | Cabeça boleada               |
| Body: Aluminium *<br>3,5% Mg        | Cuerpo: Aluminio *<br>3,5% Mg | Corps: Aluminium *<br>3,5% Mg | Hülse: Aluminium *<br>3,5% Mg | Corpo: Aluminio *<br>3,5% Mg |
| * Aluminium Alloy/Aleación Aluminio |                               |                               |                               |                              |



| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | E<br>m/m    | min  |      | max  |      | d2<br>Ø<br>m/m | K<br>m/m | Nº PIEZAS | (N)  | (N)         | Part No/Ref. |
|----------------|---------------------|-------------|------|------|------|------|----------------|----------|-----------|------|-------------|--------------|
|                |                     |             |      |      |      |      |                |          |           |      |             |              |
| <b>3,2</b>     | <b>4,3</b>          | 1,20 - 2,40 | 3,26 | 3,34 | 5,90 | 6,40 | 1,00           | 58       | 670       | 1160 | G1550003204 |              |
|                | <b>5,3</b>          | 2,20 - 3,40 |      |      |      |      |                | 48       |           |      | G1550003205 |              |
|                | <b>6,3</b>          | 3,20 - 4,40 |      |      |      |      |                | 44       |           |      | G1550003206 |              |
|                | <b>7,3</b>          | 4,20 - 5,40 |      |      |      |      |                | 38       |           |      | G1550003207 |              |
|                | <b>8,3</b>          | 5,20 - 6,40 |      |      |      |      |                | 34       |           |      | G1550003208 |              |
|                | <b>9,3</b>          | 6,20 - 7,50 |      |      |      |      |                | 30       |           |      | G1550003209 |              |
| <b>4,0</b>     | <b>4,9</b>          | 1,60 - 2,90 | 3,97 | 4,04 | 7,50 | 8,00 | 1,00           | 52       | 1090      | 1620 | G1550004005 |              |
|                | <b>5,9</b>          | 2,70 - 3,90 |      |      |      |      |                | 44       |           |      | G1550004006 |              |
|                | <b>6,9</b>          | 3,70 - 4,90 |      |      |      |      |                | 38       |           |      | G1550004007 |              |
|                | <b>7,9</b>          | 4,70 - 5,90 |      |      |      |      |                | 34       |           |      | G1550004008 |              |
|                | <b>8,9</b>          | 5,70 - 6,90 |      |      |      |      |                | 30       |           |      | G1550004009 |              |
| <b>4,8</b>     | <b>6,1</b>          | 2,05 - 3,90 | 4,85 | 1,93 | 9,00 | 9,60 | 1,20           | 42       | 1490      | 2250 | G1550004806 |              |
|                | <b>7,3</b>          | 3,70 - 5,20 |      |      |      |      |                | 36       |           |      | G1550004807 |              |
|                | <b>8,6</b>          | 5,00 - 6,40 |      |      |      |      |                | 31       |           |      | G1550004808 |              |
|                | <b>9,9</b>          | 6,30 - 7,70 |      |      |      |      |                | 28       |           |      | G1550004809 |              |
|                | <b>11,1</b>         | 7,50 - 9,00 |      |      |      |      |                | 24       |           |      | G1550004811 |              |

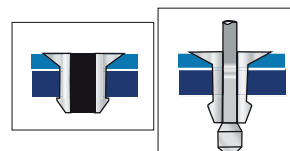
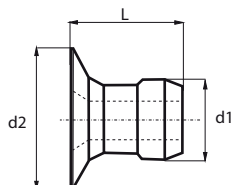
# REMACHE RAPIDO BSR

## ALUMINIO CABEZA AVELLANADA



| English                      | Español                       | Français                      | Deutsch                       | Portugues                    |
|------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|
| Countersunk head             | Cabeza avellanada             | Tête fraisee                  | Senkkopf                      | Cabeça embeber               |
| Body: Aluminium *<br>3,5% Mg | Cuerpo: Aluminio *<br>3,5% Mg | Corps: Aluminium *<br>3,5% Mg | Hülse: Aluminium *<br>3,5% Mg | Corpo: Aluminio *<br>3,5% Mg |

\* Aluminium Alloy/Aleación Aluminio



| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | E<br>m/m    | min  |      | max  |      | Nº PIEZAS | (N)  | (N)  | Part No/Ref. |
|----------------|---------------------|-------------|------|------|------|------|-----------|------|------|--------------|
|                |                     |             |      |      |      |      |           |      |      |              |
| <b>3,2</b>     | <b>4,8</b>          | 1,60 - 2,70 | 3,26 | 3,34 | 5,10 | 5,90 | 65        | 670  | 1160 | G1552003204  |
|                | <b>5,8</b>          | 2,60 - 3,80 |      |      |      |      | 52        |      |      | G1552003205  |
|                | <b>6,8</b>          | 3,60 - 4,80 |      |      |      |      | 44        |      |      | G1552003206  |
|                | <b>7,8</b>          | 4,60 - 5,80 |      |      |      |      | 38        |      |      | G1552003207  |
|                | <b>8,8</b>          | 5,60 - 6,80 |      |      |      |      | 34        |      |      | G1552003208  |
| <b>4,0</b>     | <b>5,2</b>          | 1,60 - 2,90 | 3,97 | 4,04 | 6,10 | 6,90 | 57        | 1090 | 1620 | G1552004005  |
|                | <b>5,7</b>          | 2,20 - 3,40 |      |      |      |      | 52        |      |      | G1552004055  |
|                | <b>6,2</b>          | 2,70 - 3,90 |      |      |      |      | 48        |      |      | G1552004006  |
|                | <b>7,2</b>          | 3,70 - 4,90 |      |      |      |      | 41        |      |      | G1552004007  |
|                | <b>8,2</b>          | 4,70 - 5,90 |      |      |      |      | 36        |      |      | G1552004008  |
|                | <b>9,2</b>          | 5,70 - 6,90 |      |      |      |      | 32        |      |      | G1552004809  |

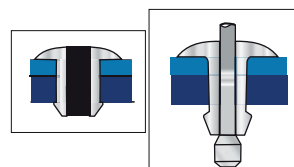
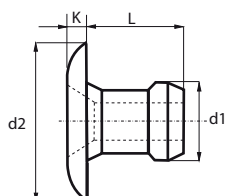
# REMACHE RAPIDO BSR

## ACERO CABEZA ALOMADA



| English       | Español         | Français       | Deutsch        | Portugues      |
|---------------|-----------------|----------------|----------------|----------------|
| Dome head     | Cabeza alomada  | Tête plate     | Flachrundkopf  | Cabeça boleada |
| Body: Steel * | Cuerpo: Acero * | Corps: Acier * | Hülse: Stahl * | Corpo: Aço *   |

\* Steel/Acero



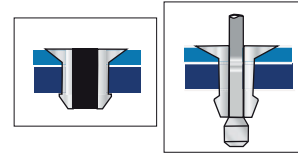
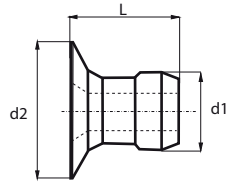
| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | E<br>m/m    | min max |      | d2<br>Ø<br>min max |      | K<br>m/m | N° PIEZAS | (N)  | (N)  | Part No/Ref. |
|----------------|---------------------|-------------|---------|------|--------------------|------|----------|-----------|------|------|--------------|
|                |                     |             | min     | max  | min                | max  |          |           |      |      |              |
| <b>3,2</b>     | <b>3,8</b>          | 1,00 - 1,90 | 3,26    | 3,34 | 5,90               | 6,40 | 1,10     | 58        | 670  | 1160 | G1560003203  |
|                | <b>4,3</b>          | 1,20 - 2,40 |         |      |                    |      |          | 58        |      |      | G1560003204  |
|                | <b>5,3</b>          | 2,20 - 3,40 |         |      |                    |      |          | 48        |      |      | G1560003205  |
|                | <b>6,3</b>          | 3,20 - 4,40 |         |      |                    |      |          | 44        |      |      | G1560003206  |
|                | <b>7,3</b>          | 4,20 - 5,40 |         |      |                    |      |          | 38        |      |      | G1560003207  |
|                | <b>8,3</b>          | 5,20 - 6,40 |         |      |                    |      |          | 34        |      |      | G1560003208  |
|                | <b>9,3</b>          | 6,20 - 7,50 |         |      |                    |      |          | 30        |      |      | G1560003209  |
| <b>4,0</b>     | <b>4,9</b>          | 1,60 - 2,90 | 3,97    | 4,04 | 7,50               | 8,00 | 1,00     | 52        | 1090 | 1620 | G1560004005  |
|                | <b>5,4</b>          | 2,20 - 3,90 |         |      |                    |      |          | 44        |      |      | G1560004055  |
|                | <b>5,9</b>          | 2,70 - 3,90 |         |      |                    |      |          | 44        |      |      | G1560004006  |
|                | <b>6,9</b>          | 3,70 - 4,90 |         |      |                    |      |          | 38        |      |      | G1560004007  |
|                | <b>7,9</b>          | 4,70 - 6,90 |         |      |                    |      |          | 34        |      |      | G1560004008  |
|                | <b>8,9</b>          | 5,70 - 6,90 |         |      |                    |      |          | 33        |      |      | G1560004009  |
| <b>4,8</b>     | <b>5,4</b>          | 1,70 - 3,30 | 4,85    | 4,93 | 9,00               | 9,60 | 1,20     | 46        | 1490 | 2250 | G1550004805  |
|                | <b>6,1</b>          | 2,10 - 3,90 |         |      |                    |      |          | 42        |      |      | G1550004806  |
|                | <b>7,3</b>          | 3,70 - 5,20 |         |      |                    |      |          | 36        |      |      | G1550004807  |
|                | <b>8,6</b>          | 5,00 - 6,40 |         |      |                    |      |          | 31        |      |      | G1560004008  |
|                | <b>9,9</b>          | 6,30 - 7,70 |         |      |                    |      |          | 28        |      |      | G1560004009  |
|                | <b>11,1</b>         | 7,50 - 9,00 |         |      |                    |      |          | 24        |      |      | G1560004011  |

# REMACHE RAPIDO BSR

## ACERO CABEZA AVELLANADA



| English          | Español           | Français       | Deutsch        | Portugues      |
|------------------|-------------------|----------------|----------------|----------------|
| Countersunk head | Cabeza avellanada | Tête fraisee   | Senkkopf       | Cabeça embeber |
| Body: Steel *    | Cuerpo: Acero *   | Corps: Acier * | Hülse: Stahl * | Corpo: Aço *   |
| * Steel/Acero    |                   |                |                |                |



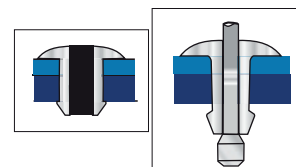
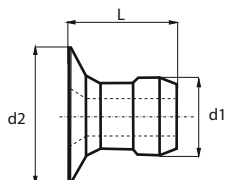
| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | E<br>m/m    | min max |      | d2<br>Ø<br>min max |      | Nº PIEZAS | (N)  | (N)  | Part No/Ref. |
|----------------|---------------------|-------------|---------|------|--------------------|------|-----------|------|------|--------------|
|                |                     |             | min     | max  | min                | max  |           |      |      |              |
| <b>3,2</b>     | <b>4,3</b>          | 1,50 - 2,30 | 3,26    | 3,34 | 5,10               | 5,90 | 70        | 670  | 1160 | G1562003203  |
|                | <b>4,8</b>          | 1,60 - 2,70 |         |      |                    |      | 65        |      |      | G1562003204  |
|                | <b>5,8</b>          | 2,60 - 3,80 |         |      |                    |      | 52        |      |      | G1562003205  |
|                | <b>6,8</b>          | 3,60 - 4,80 |         |      |                    |      | 44        |      |      | G1562003206  |
|                | <b>7,8</b>          | 4,60 - 5,80 |         |      |                    |      | 38        |      |      | G1562003207  |
|                | <b>8,8</b>          | 5,60 - 6,80 |         |      |                    |      | 34        |      |      | G1562003208  |
| <b>4,0</b>     | <b>5,2</b>          | 1,60 - 2,90 | 3,97    | 4,04 | 6,10               | 6,90 | 57        | 1090 | 1620 | G1562004005  |
|                | <b>5,7</b>          | 2,20 - 3,40 |         |      |                    |      | 52        |      |      | G1562004055  |
|                | <b>6,2</b>          | 2,70 - 3,90 |         |      |                    |      | 48        |      |      | G1562004006  |
|                | <b>7,2</b>          | 3,70 - 4,90 |         |      |                    |      | 41        |      |      | G1562004007  |
|                | <b>8,2</b>          | 4,70 - 5,90 |         |      |                    |      | 36        |      |      | G1562004008  |
|                | <b>9,2</b>          | 5,70 - 6,90 |         |      |                    |      | 32        |      |      | G1562004009  |

# REMACHE RAPIDO BSR

## INOX CABEZA ALOMADA



| English                 | Español        | Français      | Deutsch            | Portugues      |
|-------------------------|----------------|---------------|--------------------|----------------|
| Dome head               | Cabeza alomada | Tête plate    | Flachrundkopf      | Cabeça boleada |
| Body: Stainless Steel * | Cuerpo: Inox * | Corps: Inox * | Hülse: Edelstahl * | Corpo: Inox *  |
| * Stainless Steel/Inox  |                |               |                    |                |



| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | E<br>m/m    | min max |      | d2<br>Ø<br>min max |      | K    | Nº PIEZAS | (N)  | (N)  | Part No/Ref. |
|----------------|---------------------|-------------|---------|------|--------------------|------|------|-----------|------|------|--------------|
|                |                     |             |         |      |                    |      |      |           |      |      |              |
| <b>3,2</b>     | <b>4,3</b>          | 1,20 - 2,40 | 3,27    | 3,34 | 5,80               | 6,40 | 1,00 | 58        | 670  | 1160 | G1570003204  |
|                | <b>5,3</b>          | 2,20 - 3,40 |         |      |                    |      |      | 48        |      |      | G1570003205  |
|                | <b>6,3</b>          | 3,20 - 4,40 |         |      |                    |      |      | 42        |      |      | G1570003206  |
| <b>4,0</b>     | <b>4,9</b>          | 1,60 - 2,90 | 3,97    | 4,04 | 7,50               | 8,00 | 1,20 | 52        | 1090 | 1620 | G1570004004  |
|                | <b>5,4</b>          | 2,20 - 3,40 |         |      |                    |      |      | 44        |      |      | G1570004005  |
|                | <b>5,9</b>          | 2,70 - 3,90 |         |      |                    |      |      | 44        |      |      | G1570004006  |
|                | <b>6,9</b>          | 3,70 - 4,90 |         |      |                    |      |      | 38        |      |      | G1570004007  |
| <b>4,8</b>     | <b>5,4</b>          | 1,70 - 3,30 | 4,85    | 4,93 | 9,00               | 9,60 | 1,30 | 46        | 1490 | 2250 | G1570004805  |
|                | <b>6,1</b>          | 2,10 - 3,90 |         |      |                    |      |      | 42        |      |      | G1570004806  |
|                | <b>7,3</b>          | 3,70 - 5,20 |         |      |                    |      |      | 36        |      |      | G1570004807  |



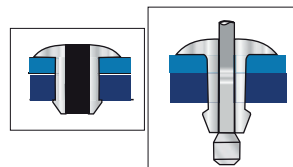
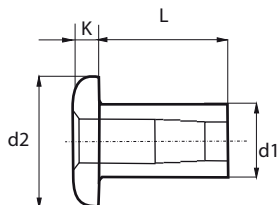
# REMACHE RAPIDO BSV

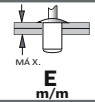



## ALUMINIO CABEZA ALOMADA



| English                      | Español                       | Français                      | Deutsch                       | Portugues                    |
|------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|
| Dome head                    | Cabeza alomada                | Tête plate                    | Flachrundkopf                 | Cabeça boleada               |
| Body: Aluminium *<br>3,5% Mg | Cuerpo: Aluminio *<br>3,5% Mg | Corps: Aluminium *<br>3,5% Mg | Hülse: Aluminium *<br>3,5% Mg | Corpo: Aluminio *<br>3,5% Mg |

\* Aluminium/Aluminio



| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | <br>E<br>m/m |  |      | d2<br>Ø<br>m/m |      | K<br>m/m | N° PIEZAS |  (N) |  (N) | Part No./Ref. |
|----------------|---------------------|---|---|------|----------------|------|----------|-----------|--|---|---------------|
|                |                     |   | min   | max  | min            | max  |          |           |  |   |               |
| <b>3,2</b>     | <b>3,2</b>          | 0,00 - 1,50   | 3,30  | 3,35 | 4,90           | 5,50 | 1,20     | 68        | 600  | 1160  | G1510003203   |
|                | <b>4,8</b>          | 1,60 - 3,10   |   |      |                |      |          | 50        |  |   | G1510003204   |
|                | <b>6,4</b>          | 3,20 - 4,70   |   |      |                |      |          | 39        |  |   | G1510003206   |
|                | <b>7,9</b>          | 4,80 - 6,30   |   |      |                |      |          | 33        |  |   | G1510003207   |
|                | <b>9,5</b>          | 6,40 - 7,90   |   |      |                |      |          | 28        |  |   | G1510003209   |
|                | <b>11,1</b>         | 8,00 - 9,50   |   |      |                |      |          | 24        |  |   | G1510003211   |
| <b>4,0</b>     | <b>4,8</b>          | 1,60 - 3,10   | 4,10  | 4,15 | 5,90           | 6,50 | 1,50     | 48        | 1000   | 1620  | G1510004004   |
|                | <b>6,4</b>          | 3,20 - 4,70   |   |      |                |      |          | 38        |  |   | G1510004056   |
|                | <b>7,9</b>          | 4,80 - 6,30   |   |      |                |      |          | 32        |  |   | G1510004007   |
|                | <b>9,5</b>          | 6,40 - 7,90   |   |      |                |      |          | 25        |  |   | G1510004009   |
|                | <b>11,1</b>         | 8,00 - 9,50   |   |      |                |      |          | 24        |  |   | G1510004011   |
| <b>4,8</b>     | <b>5,6</b>          | 1,60 - 3,10   | 4,85  | 4,95 | 8,30           | 8,90 | 1,80     | 40        | 1500   | 2250  | G1510004805   |
|                | <b>7,2</b>          | 3,20 - 4,70   |   |      |                |      |          | 33        |  |   | G1510004807   |
|                | <b>8,8</b>          | 4,80 - 6,30   |   |      |                |      |          | 28        |  |   | G1510004808   |
|                | <b>10,3</b>         | 6,40 - 7,90   |   |      |                |      |          | 24        |  |   | G1510004810   |
|                | <b>11,9</b>         | 8,00 - 9,50   |   |      |                |      |          | 22        |  |   | G1510004811   |

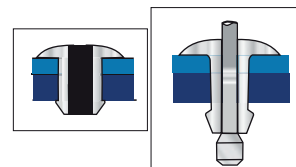
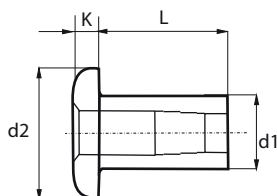
# REMACHE RAPIDO BSV

## ACERO CABEZA ALOMADA



| English       | Español         | Français       | Deutsch        | Portugues      |
|---------------|-----------------|----------------|----------------|----------------|
| Dome head     | Cabeza alomada  | Tête plate     | Flachrundkopf  | Cabeça boleada |
| Body: Steel * | Cuerpo: Acero * | Corps: Acier * | Hülse: Stahl * | Corpo: Aço *   |

\* Steel/Acero



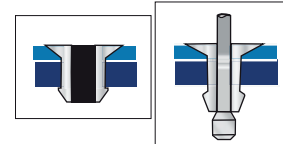
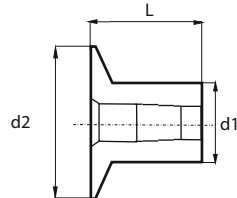
| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | E<br>m/m    | min max |      | d2<br>Ø<br>min max |      | K<br>m/m | N° PIEZAS | N    |      | Part No./Ref. |
|----------------|---------------------|-------------|---------|------|--------------------|------|----------|-----------|------|------|---------------|
|                |                     |             |         |      |                    |      |          |           |      |      |               |
| <b>3,2</b>     | <b>3,2</b>          | 0,00 - 1,50 | 3,28    | 3,34 | 4,90               | 5,50 | 1,20     | 68        | 1400 | 1160 | G1520003203   |
|                | <b>4,0</b>          | 1,60 - 3,10 |         |      |                    |      |          | 57        |      |      | G1520003204   |
|                | <b>4,8</b>          | 3,20 - 4,70 |         |      |                    |      |          | 50        |      |      | G1520003205   |
|                | <b>6,4</b>          | 4,80 - 6,30 |         |      |                    |      |          | 39        |      |      | G1520003206   |
|                | <b>7,9</b>          | 6,40 - 7,90 |         |      |                    |      |          | 33        |      |      | G1520003207   |
|                | <b>9,5</b>          | 8,00 - 9,50 |         |      |                    |      |          | 38        |      |      | G1520003209   |
| <b>4,0</b>     | <b>4,8</b>          | 1,60 - 3,10 | 4,09    | 4,16 | 5,90               | 6,50 | 1,50     | 48        | 2400 | 1620 | G1520004004   |
|                | <b>6,4</b>          | 3,20 - 4,70 |         |      |                    |      |          | 38        |      |      | G1520004006   |
|                | <b>7,9</b>          | 4,80 - 6,30 |         |      |                    |      |          | 32        |      |      | G1520004007   |
|                | <b>9,5</b>          | 6,40 - 7,90 |         |      |                    |      |          | 27        |      |      | G1520004009   |
|                | <b>11,1</b>         | 8,00 - 9,50 |         |      |                    |      |          | 24        |      |      | G1520004011   |
| <b>4,8</b>     | <b>5,6</b>          | 1,60 - 3,10 | 4,85    | 4,93 | 8,30               | 8,90 | 1,80     | 40        | 3200 | 2250 | G1520004805   |
|                | <b>7,2</b>          | 3,20 - 4,70 |         |      |                    |      |          | 33        |      |      | G1520004807   |
|                | <b>8,8</b>          | 4,80 - 6,30 |         |      |                    |      |          | 28        |      |      | G1520004808   |
|                | <b>10,0</b>         | 6,40 - 7,90 |         |      |                    |      |          | 24        |      |      | G1520004810   |
|                | <b>12,0</b>         | 8,00 - 9,50 |         |      |                    |      |          | 22        |      |      | G1520004811   |



# REMACHE RAPIDO BSV

## ACERO CABEZA AVELLANADA

| English          | Español           | Français       | Deutsch        | Portugues      |
|------------------|-------------------|----------------|----------------|----------------|
| Countersunk head | Cabeza avellanada | Tête fraisee   | Senkkopf       | Cabeça embeber |
| Body: Steel *    | Cuerpo: Acero *   | Corps: Acier * | Hülse: Stahl * | Corpo: Aço *   |
| * Steel/Acero    |                   |                |                |                |



| d1<br>Ø<br>m/m | L<br>Nominal<br>m/m | E<br>m/m    | min max |      | d2<br>Ø<br>min max |      | N° PIEZAS | (N)  | (N)  | Part No/Ref. |
|----------------|---------------------|-------------|---------|------|--------------------|------|-----------|------|------|--------------|
|                |                     |             |         |      |                    |      |           |      |      |              |
| <b>3,2</b>     | <b>3,2</b>          | 1,00 - 1,50 | 3,28    | 3,34 | 5,20               | 5,80 | 70        | 1400 | 1160 | G1522003203  |
|                | <b>4,1</b>          | 1,00 - 2,30 |         |      |                    |      | 70        |      |      | G1522003204  |
|                | <b>4,9</b>          | 1,60 - 3,10 |         |      |                    |      | 61        |      |      | G1522003205  |
|                | <b>6,5</b>          | 3,20 - 4,70 |         |      |                    |      | 46        |      |      | G1522003206  |
|                | <b>8,1</b>          | 4,80 - 6,30 |         |      |                    |      | 37        |      |      | G1522003208  |
|                | <b>9,7</b>          | 6,40 - 7,90 |         |      |                    |      | 30        |      |      | G1522003209  |
| <b>4,0</b>     | <b>4,9</b>          | 1,60 - 3,10 | 4,09    | 4,16 | 6,20               | 6,80 | 61        | 2400 | 1620 | G1522004004  |
|                | <b>6,5</b>          | 3,20 - 4,70 |         |      |                    |      | 48        |      |      | G1522004006  |
|                | <b>8,1</b>          | 4,80 - 6,30 |         |      |                    |      | 37        |      |      | G1522004008  |
|                | <b>9,7</b>          | 6,40 - 7,90 |         |      |                    |      | 30        |      |      | G1522004009  |
|                | <b>11,2</b>         | 8,00 - 9,50 |         |      |                    |      | 26        |      |      | G1522004011  |
| <b>4,8</b>     | <b>5,7</b>          | 1,60 - 3,10 | 4,85    | 4,93 | 8,60               | 9,20 | 52        | 3200 | 2250 | G1522004805  |
|                | <b>7,3</b>          | 3,20 - 4,70 |         |      |                    |      | 41        |      |      | G1522004807  |
|                | <b>8,9</b>          | 4,80 - 6,30 |         |      |                    |      | 38        |      |      | G1522004808  |
|                | <b>10,5</b>         | 6,40 - 7,90 |         |      |                    |      | 28        |      |      | G1522004810  |
|                | <b>12,0</b>         | 8,00 - 9,50 |         |      |                    |      | 25        |      |      | G1522004812  |

# Tuerca remachables



**SIASA**

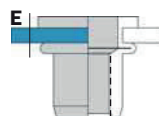
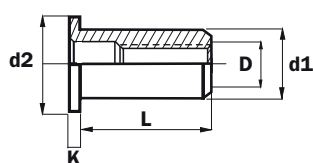
Suministros Industriales del Tajo, S.A.



# CYLINDRICAL LARGE HEAD ANCHA LISA

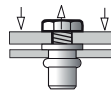
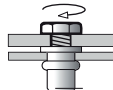


| English             | Español          | Français        | Deutsch           | Portugues        |
|---------------------|------------------|-----------------|-------------------|------------------|
| Large head          | Cabeza ancha     | Tête large      | Flachrundkopf     | Cabeça larga     |
| Cylindrical         | Lisa             | Lisa            | Rundschaft        | Lisa             |
| Open end            | Fondo Abieto     | Fond ouvert     | Offen             | Fundo aberto     |
| Steel *             | Acero *          | Acier *         | Stahl *           | Aço *            |
| Zincplated 7 µ mín. | Cincado 7 µ mín. | Zingué 7 µ mín. | Verzinkt 7 µ mín. | Zincado 7 µ mín. |

\* Steel /acero DIN EN 10016-



| D           | <br>MAX.<br>E<br>m/m | L<br>Nominal<br>m/m | d1<br>Ø<br>m/m | d2<br>Ø<br>m/m | K<br>m/m |  | Part No./Ref. |
|-------------|--|---------------------|----------------|----------------|----------|--|---------------|
| <b>M 4</b>  | 0,50 - 2,00  | 9,50                | 5,90           | 9,00           | 1,00     | 6,10   | 0301104006    |
|             | 2,00 - 4,00  | 12,25               |                |                |          |  | 0301114006    |
| <b>M 5</b>  | 0,50 - 3,00  | 12,00               | 6,90           | 10,00          | 1,00     | 7,10   | 0301105007    |
|             | 3,00 - 5,50  | 15,00               |                |                |          |  | 0301115007    |
|             | 5,50 - 8,00  | 18,00               |                |                |          |  | 0301185007    |
| <b>M 6</b>  | 0,50 - 3,00  | 14,50               | 8,90           | 13,00          | 1,50     | 9,10   | 0301106009    |
|             | 3,00 - 5,50  | 16,50               |                |                |          |  | 0301116009    |
| <b>M 8</b>  | 0,50 - 3,00  | 16,50               | 10,90          | 16,00          | 1,50     | 11,10  | 0301108011    |
|             | 3,00 - 5,50  | 18,50               |                |                |          |  | 0301118011    |
|             | 5,50 - 8,00  | 22,50               |                |                |          |  | 0301188011    |
| <b>M 10</b> | 1,00 - 3,50  | 17,50               | 11,90          | 16,00          | 1,70     | 12,10  | 0301101012    |
| <b>M 12</b> | 1,00 - 4,00  | 25,00               | 15,90          | 23,00          | 2,00     | 16,10  | G301101216    |

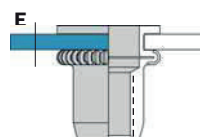
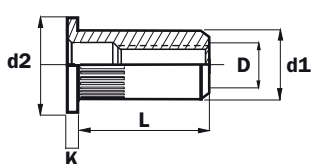
| D          | Setting effort<br>Fuerza para remachado<br>max. |  Tensile Strength<br>Threads<br>Tracción<br>min. |  Torque Testing<br>Par de apriete<br>min. |
|------------|---|---|---|
| <b>M 4</b> | 4400  | 7900  | 3,0   |
| <b>M 5</b> | 5300  | 9800  | 7,0   |
| <b>M 6</b> | 6500  | 19100   | 12,0  |
| <b>M 8</b> | 8350  | 29800   | 23,0  |
| <b>M10</b> | 12000   | 43300   | 39,0  |
| <b>M12</b> | 18000   | 57800   | 54,0  |



# GROOVED LARGE HEAD ANCHA RANURADA

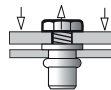
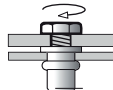


| English             | Español          | Français        | Deutsch            | Portugues        |
|---------------------|------------------|-----------------|--------------------|------------------|
| Dome head           | Cabeza ancha     | Tête large      | Flachrundkopf      | Cabeça larga     |
| Grooved             | Ranurada         | Rainure         | Mit Schafrändelung | Ranhuradas       |
| Open end            | Fondo Abieto     | Fond ouvert     | Offen              | Fundo aberto     |
| Steel *             | Acero *          | Acier *         | Stahl *            | Aço *            |
| Zincplated 7 µ mín. | Cincado 7 µ mín. | Zingué 7 µ mín. | Verzinkt 7 µ mín.  | Zincado 7 µ mín. |

\* Steel /acero DIN EN 10016-



| D           | <br>MAX.<br>E<br>m/m | L<br>Nominal<br>m/m | d1<br>Ø<br>m/m | d2<br>Ø<br>m/m | K<br>m/m |  | Part No./Ref. |
|-------------|--|---------------------|----------------|----------------|----------|--|---------------|
| <b>M 3</b>  | 0,25 - 2,00  | 9,75                | 4,90           | 7,50           | 1,00     | 5,10   | 0371103005    |
|             |  |                     |                |                |          |  |               |
| <b>M 4</b>  | 0,50 - 3,00  | 9,50                | 5,90           | 9,00           | 1,00     | 6,10   | 0371104006    |
|             | 3,00 - 4,50  | 12,25               |                |                |          |  | 0371114006    |
| <b>M 5</b>  | 0,50 - 3,00  | 12,00               | 6,90           | 10,00          | 1,00     | 7,10   | 0371105007    |
|             | 3,00 - 5,50  | 15,00               |                |                |          |  | 0371115007    |
| <b>M 6</b>  | 0,50 - 3,00  | 14,50               | 8,90           | 13,00          | 1,50     | 9,10   | 0371106009    |
|             | 3,00 - 5,50  | 16,50               |                |                |          |  | 0371116009    |
| <b>M 8</b>  | 0,50 - 3,00  | 16,50               | 10,90          | 16,00          | 1,50     | 11,10  | 0371108011    |
|             | 3,00 - 5,50  | 18,50               |                |                |          |  | 0371118011    |
| <b>M 10</b> | 0,70 - 3,50  | 19,50               | 12,90          | 19,00          | 2,00     | 13,10  | 0371101013    |
|             | 3,50 - 6,00  | 21,50               |                |                |          |  | 0371111013    |
|             | 2,00 - 4,00  | 19,50               |                |                |          |  | 0371101013    |
| <b>M 12</b> | 1,00 - 4,00  | 25,00               | 15,90          | 23,00          | 2,00     | 16,10  | 0371101216    |

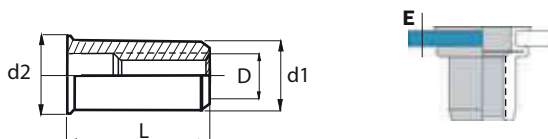
| D          | Setting effort<br>Fuerza para remachado<br>max. | <br>Tensile Strength<br>Threads<br>Tracción<br>min. | <br>Torque Testing<br>Par de apriete<br>min. |
|------------|---|--|--|
| <b>M 3</b> | 2400  | 4100   | 2,2  |
| <b>M 4</b> | 3900  | 7900   | 4,5  |
| <b>M 5</b> | 5800  | 9800   | 5,8  |
| <b>M 6</b> | 7100  | 19100  | 18,0   |
| <b>M 8</b> | 8400  | 29800  | 34,5   |
| <b>M10</b> | 11000   | 43300  | 60,0   |
| <b>M12</b> | 15600   | 57800  | 70,0   |



# CYLINDRICAL REDUCED HEAD BAJA LISA





| English             | Español          | Français        | Deutsch           | Portugues        |
|---------------------|------------------|-----------------|-------------------|------------------|
| Reduced head        | Cabeza baja      | Tête reduite    | Kleiner Senkkopf  | Fina             |
| Cylindrical         | Lisa             | Lisa            | Rundschaft        | Lisa             |
| Open end            | Fondo Abieto     | Fond ouvert     | Offen             | Fundo aberto     |
| Steel *             | Acero *          | Acier *         | Stahl *           | Aço *            |
| Zincplated 7 µ mín. | Cincado 7 µ mín. | Zingué 7 µ mín. | Verzinkt 7 µ mín. | Zincado 7 µ mín. |

\* Steel /acero DIN EN 10016-

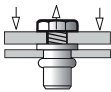
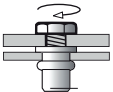


| D          | <br>MAX.<br>E<br>m/m | L<br>Nominal<br>m/m | d1<br>Ø<br>m/m | d2<br>Ø<br>m/m |  | Part No/Ref. |
|------------|---|---------------------|----------------|----------------|---|--------------|
| <b>M 3</b> | 0,50 - 1,50   | 8,70                | 4,65           | 5,40           | 5,10  | 0301203005   |
| <b>M 4</b> | 0,50 - 2,00   | 10,40               | 6,30           | 6,70           | 6,40  | 0301204006   |
| <b>M 5</b> | 0,50 - 3,00   | 11,50               | 7,10           | 7,90           | 7,20  | 0301205007   |
| <b>M 6</b> | 0,50 - 3,00   | 14,50               | 9,50           | 10,20          | 9,60  | 0301206009   |
| <b>M 8</b> | 0,50 - 3,00   | 16,00               | 10,50          | 11,30          | 10,60   | 0301208011   |

For drills in inches/ Para taladros en pulgadas

| D          | <br>MAX.<br>E<br>m/m | L<br>Nominal<br>m/m | d1<br>Ø<br>m/m | d2<br>Ø<br>m/m |  | Part No/Ref. |
|------------|---|---------------------|----------------|----------------|---|--------------|
| <b>M 4</b> | 0,50 - 2,50   | 10,00               | 5,90           | 7,00           | 6,00  | 0301204005   |
| <b>M 5</b> | 0,50 - 3,00   | 12,00               | 6,90           | 8,00           | 7,00  | 0301205006   |
| <b>M 6</b> | 0,50 - 3,00   | 15,00               | 8,90           | 10,00          | 9,00  | 0301206008   |
| <b>M 8</b> | 0,50 - 3,00   | 16,00               | 10,90          | 12,00          | 11,00   | 0301208010   |

For drills in mm./ Para taladros en mm.

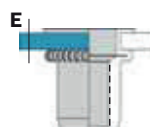
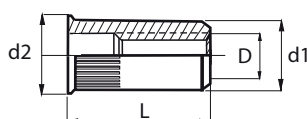
| D          | Setting effort<br>Fuerza para remachado<br>max. |  Tensile Strength<br>Threads<br>Tracción<br>min. |  Torque Testing<br>Par de apriete<br>min. |
|------------|---|---|--|
| <b>M 3</b> |   |   |  |
| <b>M 4</b> | 4400  | 7900  | 2,8  |
| <b>M 5</b> | 5300  | 9800  | 5,5  |
| <b>M 6</b> | 6500  | 19100   | 6,5  |
| <b>M 8</b> | 8350  | 29800   | 8,6  |



# GROOVED REDUCED HEAD BAJA RANURADA

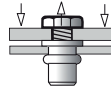
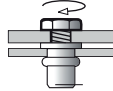


| English             | Español          | Français        | Deutsch            | Portugues        |
|---------------------|------------------|-----------------|--------------------|------------------|
| Reduced head        | Cabeza baja      | Tête reduite    | Kleiner Senkkopf   | Cabeça fina      |
| Grooved             | Ranurada         | Rainure         | Mit Schafrändelung | Ranhurada        |
| Open end            | Fondo Abieto     | Fond ouvert     | Offen              | Fundo aberto     |
| Steel *             | Acero *          | Acier *         | Stahl *            | Aço *            |
| Zincplated 7 µ mín. | Cincado 7 µ mín. | Zingué 7 µ mín. | Verzinkt 7 µ mín.  | Zincado 7 µ mín. |

\* Steel /acero DIN EN 10016-



| D          | <br>MAX.<br>E<br>m/m | L<br>Nominal<br>m/m | d1<br>Ø<br>m/m | d2<br>Ø<br>m/m |  | Part No/Ref. |
|------------|---|---------------------|----------------|----------------|---|--------------|
| <b>M 4</b> | 0,50 - 2,00   | 10,40               | 5,90           | 7,00           | 6,10  | 0371204006   |
| <b>M 5</b> | 0,50 - 3,00   | 11,50               | 6,90           | 8,00           | 7,10  | 0371205007   |
| <b>M 6</b> | 0,50 - 3,00<br>3,00 - 5,50  | 14,50<br>16,50      | 8,90           | 10,00          | 9,10  | 0371206009   |
| <b>M 8</b> | 0,50 - 3,00   | 16,80               | 10,90          | 12,00          | 11,10   | 0371208011   |
| <b>M10</b> | 0,70 - 3,50   | 20,80               | 12,90          | 14,00          | 13,10   | 0371201013   |
| <b>M12</b> | 1,00 - 3,50   | 24,20               | 15,90          | 17,00          | 16,10   | G371201216   |

| D          | Setting effort<br>Fuerza para remachado<br>max. |  Tensile Strength<br>Threads<br>Tracción<br>min. |  Torque Testing<br>Par de apriete<br>min. |
|------------|---|---|---|
| <b>M 4</b> | 3900  | 7900  | 2,9   |
| <b>M 5</b> | 5800  | 9800  | 6,0   |
| <b>M 6</b> | 7100  | 19100   | 10,5  |
| <b>M 8</b> | 8400  | 29800   | 15,5  |
| <b>M10</b> | 11000   | 43300   | 18,0  |
| <b>M12</b> | 15600   | 57800   | 19,5  |

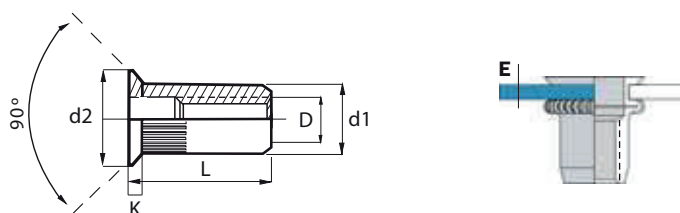




# GROOVED COUNTERSUNK HEAD AVELLANADA RANURADA


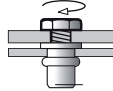


| English             | Español           | Français        | Deutsch            | Portugues        |
|---------------------|-------------------|-----------------|--------------------|------------------|
| Countersunk head    | Cabeza avellanada | Tête fraïsse    | Senkkopf           | Cabeça embeber   |
| Grooved             | Ranurada          | Rainure         | Mit Schafrändelung | Ranhurada        |
| Open end            | Fondo Abieto      | Fond ouvert     | Offen              | Fundo aberto     |
| Steel *             | Acero *           | Acier *         | Stahl *            | Aço *            |
| Zincplated 7 µ mín. | Cincado 7 µ mín.  | Zingué 7 µ mín. | Verzinkt 7 µ mín.  | Zincado 7 µ mín. |

\* Steel /acero DIN EN 10016-



| D           |  | L<br>Nominal<br>m/m | d1<br>Ø<br>m/m | d2<br>Ø<br>m/m |  | Part No./Ref. |
|-------------|---|---------------------|----------------|----------------|---|---------------|
| <b>M 4</b>  | 1,50 - 3,00   | 11,00               | 5,90           | 8,50           | 6,10  | 0371304006    |
| <b>M 5</b>  | 1,50 - 4,00   | 13,00               | 6,90           | 10,00          | 7,10  | 0371305007    |
| <b>M 6</b>  | 1,50 - 4,00   | 16,00               | 8,90           | 12,00          | 9,10  | 0371306009    |
| <b>M 8</b>  | 1,50 - 4,00   | 19,00               | 10,90          | 14,00          | 11,10   | 0371308011    |
| <b>M 10</b> | 1,50 - 4,00   | 22,00               | 12,90          | 16,00          | 13,10   | 0371301013    |

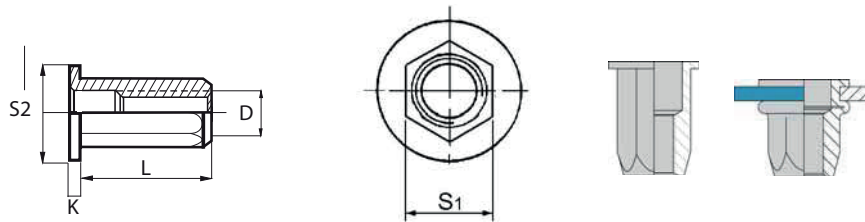
| D          | Setting effort<br>Fuerza para remachado<br>max. |  Tensile Strength<br>Threads<br>Tracción<br>min. |  Torque Testing<br>Par de apriete<br>min. |
|------------|---|---|---|
| <b>M 4</b> | 3900  | 7900  | 3,3   |
| <b>M 5</b> | 5800  | 9800  | 6,5   |
| <b>M 6</b> | 7100  | 19100   | 11,3  |
| <b>M 8</b> | 8400  | 29800   | 22,0  |
| <b>M10</b> | 11000   | 43300   | 60,0  |



# HEXAGON LARGE HEAD ANCHA HEXAGONAL





| English             | Español          | Français        | Deutsch           | Portugues        |
|---------------------|------------------|-----------------|-------------------|------------------|
| Dome head           | Cabeza ancha     | Tête large      | Flachrundkopf     | Cabeça larga     |
| Hexagon             | Hexagonal        | Hexagonal       | Sechskantschaft   | Sextavado        |
| Open end            | Fondo Abieto     | Fond ouvert     | Offen             | Fundo aberto     |
| Steel *             | Acero *          | Acier *         | Stahl *           | Aço *            |
| Zincplated 7 µ mín. | Cincado 7 µ mín. | Zingué 7 µ mín. | Verzinkt 7 µ mín. | Zincado 7 µ mín. |

\* Steel /acero DIN EN 10016-



| D           | <br>MAX.<br>E<br>m/m | L<br>Nominal<br>m/m | S1<br>Ø<br>m/m | S2<br>Ø<br>m/m | K<br>m/m     |  | Part No./Ref.            |
|-------------|--|---------------------|----------------|----------------|--------------|--|--------------------------|
| <b>M 4</b>  | 0,50 - 2,00  | 10,00               | 5,90           | 9,00           | 1,00         | 6,10   | 0311104006               |
| <b>M 5</b>  | 0,50 - 3,00  | 13,00               | 6,90           | 10,00          | 1,00         | 7,10   | 0311105007               |
| <b>M 6</b>  | 0,50 - 3,00  | 14,20               | 8,90           | 13,00          | 1,50         | 9,10   | 0311106009               |
| <b>M 8</b>  | 0,50 - 3,00<br>3,00 - 5,50   | 16,50<br>19,50      | 10,90<br>10,90 | 16,00<br>16,00 | 1,50<br>1,50 | 11,10  | 0311108011<br>0311118011 |
| <b>M 10</b> | 1,00 - 3,50  | 19,50               | 12,90          | 19,00          | 2,00         | 13,10  | 0311101012               |
| <b>M 12</b> | 1,00 - 4,00  | 25,00               | 16,00          | 23,00          | 2,00         | 16,10  | 0311101216               |

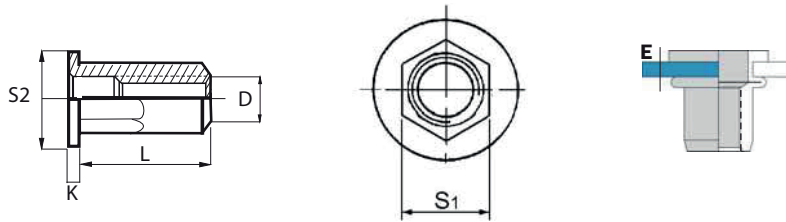
| D          | Setting effort<br>Fuerza para remachado<br>max. |  Tensile Strength<br>Threads<br>Tracción<br>min. |  Torque Testing<br>Par de apriete<br>min. |
|------------|---|---|---|
| <b>M 4</b> | 3400  | 7900  | 4,8   |
| <b>M 5</b> | 4900  | 9800  | 6,5   |
| <b>M 6</b> | 7100  | 19100   | 22,0  |
| <b>M 8</b> | 9600  | 29800   | 40,0  |
| <b>M10</b> | 12600   | 12600   | 88,0  |
| <b>M12</b> | 17200   | 17200   | 115,0   |



# HALFHEXAGON LARGE HEAD ANCHA SEMIHEXAGONAL

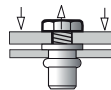
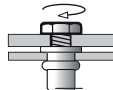


| English             | Español          | Français        | Deutsch             | Portugues        |
|---------------------|------------------|-----------------|---------------------|------------------|
| Dome head           | Cabeza ancha     | Tête large      | Flachrundkopf       | Cabeça larga     |
| Halfhexagon         | Semihexagonal    | Semi-hexagonal  | Teilsechskantschaft | Semi-Sextavado   |
| Open end            | Fondo Abieto     | Fond ouvert     | Offen               | Fundo aberto     |
| Steel *             | Acero *          | Acier *         | Stahl *             | Aço *            |
| Zincplated 7 µ mín. | Cincado 7 µ mín. | Zingué 7 µ mín. | Verzinkt 7 µ mín.   | Zincado 7 µ mín. |

\* Steel /acero DIN EN 10016-



| D           | <br>MAX.<br>E<br>m/m | L<br>Nominal<br>m/m | S1<br>Ø<br>m/m | S2<br>Ø<br>m/m | K<br>m/m |  | Part No./Ref. |
|-------------|--|---------------------|----------------|----------------|----------|--|---------------|
| <b>M 4</b>  | 0,50 - 2,00  | 9,70                | 5,90           | 9,00           | 1,00     | 6,10   | 0331104006    |
| <b>M 5</b>  | 0,50 - 3,00  | 12,80               | 6,90           | 10,00          | 1,00     | 7,10   | 0331105007    |
| <b>M 6</b>  | 0,50 - 3,00  | 14,50               | 8,90           | 13,00          | 1,50     | 9,10   | 0331106009    |
| <b>M 8</b>  | 0,50 - 3,00  | 16,50               | 10,90          | 16,00          | 1,50     | 11,10  | 0331108011    |
| <b>M 12</b> | 1,00 - 4,00  | 25,00               | 15,90          | 23,00          | 2,00     | 16,10  | 0331101216    |

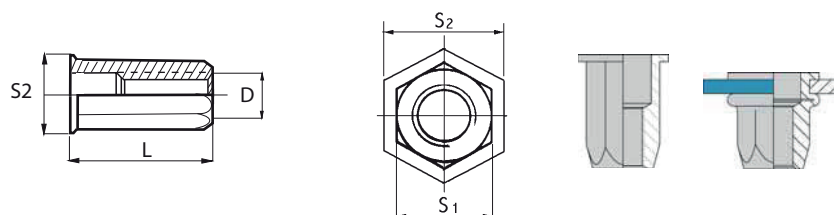
| D          | Setting effort<br>Fuerza para remachado<br>max. |  Tensile Strength<br>Threads<br>Tracción<br>min. |  Torque Testing<br>Par de apriete<br>min. |
|------------|---|---|---|
| <b>M 4</b> | 3400  | 7900  | 4,6   |
| <b>M 5</b> | 4900  | 9800  | 6,2   |
| <b>M 6</b> | 5800  | 18250   | 7,9   |
| <b>M 8</b> | 7616  | 27000   | 25,0  |
| <b>M12</b> | 17200   | 44000   | 115,0   |



# HEXAGON REDUCED HEAD BAJA HEXAGONAL


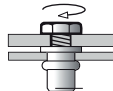


| English             | Español          | Français        | Deutsch           | Portugues        |
|---------------------|------------------|-----------------|-------------------|------------------|
| Reduced head        | Cabeza baja      | Tête reduite    | Kleiner Senkkopf  | Fina             |
| Hexagon             | Hexagonal        | Hexagonal       | Sechskantschaft   | Sextavado        |
| Open end            | Fondo Abieto     | Fond ouvert     | Offen             | Fundo aberto     |
| Steel *             | Acero *          | Acier *         | Stahl *           | Aço *            |
| Zincplated 7 µ mín. | Cincado 7 µ mín. | Zingué 7 µ mín. | Verzinkt 7 µ mín. | Zincado 7 µ mín. |

\* Steel /acero DIN EN 10016-



| D           | <br>MAX.<br>E<br>m/m | L<br>Nominal<br>m/m | S1<br>Ø<br>m/m | S2<br>Ø<br>m/m |  | Part No/Ref. |
|-------------|--|---------------------|----------------|----------------|---|--------------|
| <b>M 4</b>  | 0,50 - 2,00  | 11,00               | 5,90           | 6,60           | 6,10  | 0311204006   |
| <b>M 5</b>  | 0,50 - 3,00  | 14,00               | 6,90           | 7,70           | 7,10  | 0311205007   |
| <b>M 6</b>  | 0,50 - 3,00  | 16,00               | 8,90           | 9,80           | 9,10  | 0311206009   |
| <b>M 8</b>  | 0,50 - 3,00  | 18,00               | 10,90          | 11,80          | 11,10   | 0311208011   |
| <b>M 10</b> | 0,50 - 3,50  | 22,00               | 12,90          | 14,00          | 13,10   | 0311201012   |
| <b>M 12</b> | 1,00 4,00  | 25,00               | 16,00          | 17,50          | 16,10   | 0311201216   |

| D          | Setting effort<br>Fuerza para remachado<br>max. |  Tensile Strength<br>Threads<br>Tracción<br>min. |  Torque Testing<br>Par de apriete<br>min. |
|------------|---|---|---|
| <b>M 4</b> | 3400  | 7900  | 4,1   |
| <b>M 5</b> | 4900  | 9800  | 8,0   |
| <b>M 6</b> | 7100  | 19100   | 12,0  |
| <b>M 8</b> | 9600  | 29800   | 38,0  |
| <b>M10</b> | 12600   | 43300   | 70,0  |
| <b>M12</b> | 17200   | 57800   | 98,0  |

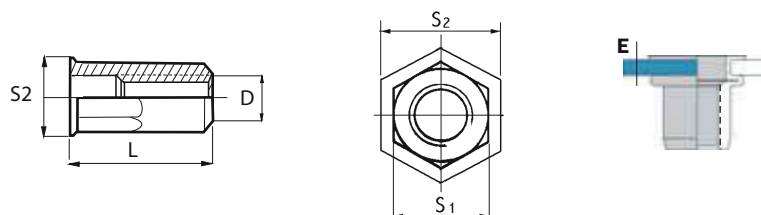
# HALFHEXAGON REDUCED HEAD



## BAJA SEMIHEXAGONAL





| English             | Español          | Français        | Deutsch             | Portugues        |
|---------------------|------------------|-----------------|---------------------|------------------|
| Reduced head        | Cabeza baja      | Tête reduite    | Kleiner Senkkopf    | Fina             |
| Halfhexagon         | Semihexagonal    | Semi-hexagonal  | Teilsechskantschaft | Semi-sextavado   |
| Open end            | Fondo Abieto     | Fond ouvert     | Offen               | Fundo aberto     |
| Steel *             | Acero *          | Acier *         | Stahl *             | Aço *            |
| Zincplated 7 µ mín. | Cincado 7 µ mín. | Zingué 7 µ mín. | Verzink 7 µ mín.    | Zincado 7 µ mín. |

\* Steel /acero DIN EN 10016-

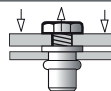
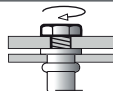


| D          | <br>MAX.<br>E<br>m/m | L<br>Nominal<br>m/m | S1<br>Ø<br>m/m | S2<br>Ø<br>m/m |  | Part No/Ref. |
|------------|---|---------------------|----------------|----------------|---|--------------|
| <b>M 4</b> | 0,50 - 2,00   | 10,50               | 6,30           | 7,80           | 6,40  | 0331204006   |
| <b>M 5</b> | 0,50 - 2,50   | 12,00               | 7,10           | 8,80           | 7,20  | 0331205007   |
| <b>M 6</b> | 0,70 - 3,00   | 15,00               | 9,50           | 10,60          | 9,60  | 0331206009   |
| <b>M 8</b> | 0,80 - 3,00   | 16,00               | 10,50          | 12,20          | 10,60   | 0331208011   |

For drills in inches/ Para taladros en pulgadas

| D          | <br>MAX.<br>E<br>m/m | L<br>Nominal<br>m/m | S1<br>Ø<br>m/m | S2<br>Ø<br>m/m |  | Part No/Ref. |
|------------|---|---------------------|----------------|----------------|---|--------------|
| <b>M 4</b> | 0,50 - 2,00   | 10,50               | 5,90           | 6,80           | 6,10  | 0331204005   |
| <b>M 5</b> | 0,50 - 2,50   | 12,00               | 6,90           | 8,00           | 7,10  | 0331205006   |
| <b>M 6</b> | 0,70 - 3,00   | 14,50               | 8,90           | 10,00          | 9,10  | 0331206008   |
| <b>M 8</b> | 0,80 - 3,00   | 16,50               | 10,90          | 12,00          | 11,10   | 0331208010   |
| <b>M10</b> | 1,00 - 3,50   | 20,20               | 12,90          | 14,00          | 13,10   | 0331201013   |
|            | 3,50 - 6,00   | 24,00               | 12,90          | 14,00          | 13,10   | 0331211013   |

For drills in mm./ Para taladros en mm.

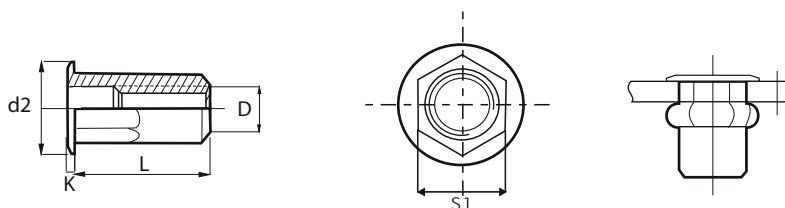
| D          | Setting effort<br>Fuerza para remachado<br>max. | <br>Tensile Strength<br>Threads<br>Tracción<br>min. | <br>Torque Testing<br>Par de apriete<br>min. |
|------------|---|--|--|
| <b>M 4</b> | 2900  | 7900   | 4,6  |
| <b>M 5</b> | 3600  | 9800   | 6,2  |
| <b>M 6</b> | 4700  | 19100  | 19,0   |
| <b>M 8</b> | 7850  | 29800  | 34,0   |
| <b>M10</b> | 12600   | 43300  | 70,0   |



# HALFHEXAGON PLANE HEAD PLANA SEMIHEXAGONAL





| English             | Español          | Français        | Deutsch             | Portugues        |
|---------------------|------------------|-----------------|---------------------|------------------|
| Plane head          | Cabeza plana     | Tête plane      | Mini-flachkopf      | Cabeça plana     |
| Halfhexagon         | Semihexagonal    | Semi-hexagonal  | Teilsechskantschaft | Semi-Sextavado   |
| Open end            | Fondo Abieto     | Fond ouvert     | Offen               | Fundo aberto     |
| Steel *             | Acero *          | Acier *         | Stahl *             | Aço *            |
| Zincplated 7 µ mín. | Cincado 7 µ mín. | Zingué 7 µ mín. | Verzinkt 7 µ mín.   | Zincado 7 µ mín. |

\* Steel /acero DIN EN 10016-



| D          | <br>MAX.<br>E<br>m/m | L<br>Nominal<br>m/m | S1<br>Ø<br>m/m | d2<br>Ø<br>m/m | K<br>m/m |  | Part No/Ref. |
|------------|--|---------------------|----------------|----------------|----------|--|--------------|
| <b>M 4</b> | 0,50 - 2,00  | 9,80                | 6,30           | 9,50           | 0,68     | 6,40   | 033150 4006  |
| <b>M 5</b> | 0,50 - 2,50  | 11,00               | 7,10           | 9,50           | 0,68     | 7,30   | 033150 5007  |
| <b>M 6</b> | 0,70 - 3,00  | 15,00               | 9,50           | 13,00          | 0,75     | 9,60   | 033150 6009  |

For drills in inches/ Para taladros en pulgadas.

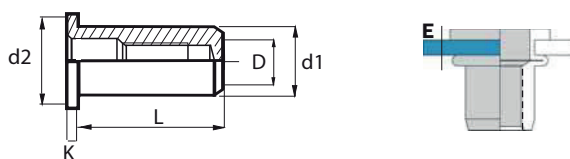
| D          | Setting effort<br>Fuerza para remachado<br>max. | <br>Tensile Strength<br>Threads<br>Tracción<br>min. | <br>Torque Testing<br>Par de apriete<br>min. |
|------------|---|--|--|
| <b>M 4</b> | 2800  | 7900   | 4,8  |
| <b>M 5</b> | 3600  | 9800   | 5,2  |
| <b>M 6</b> | 5300  | 9800   | 5,7  |



# CYLINDRICAL LARGE HEAD CLOSED END ANCHA LISA FONDO CERRADO

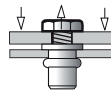
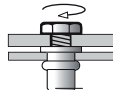


| English             | Español          | Français        | Deutsch           | Portugues        |
|---------------------|------------------|-----------------|-------------------|------------------|
| Large head          | Cabeza ancha     | Tête large      | Flachrundkopf     | Cabeça larga     |
| Cylindrical         | Lisa             | Lisa            | Rundschaft        | Lisa             |
| Closed end          | Fondo cerrado    | Fond fermer     | Geschlossen       | Fundo fechado    |
| Steel *             | Acero *          | Acier *         | Stahl *           | Aço *            |
| Zincplated 7 µ mín. | Cincado 7 µ mín. | Zingué 7 µ mín. | Verzinkt 7 µ mín. | Zincado 7 µ mín. |

\* Steel /acero DIN EN 10016-



| D           | <br>MAX.<br>E<br>m/m | L<br>Nominal<br>m/m | d1<br>Ø<br>m/m | d2<br>Ø<br>m/m | K<br>m/m |  | Part No./Ref. |
|-------------|--|---------------------|----------------|----------------|----------|--|---------------|
| <b>M 5</b>  | 0,50 - 2,50  | 18,00               | 6,90           | 10,00          | 1,00     | 7,10   | 0301405007    |
| <b>M 6</b>  | 0,50 - 3,00  | 21,50               | 8,90           | 13,00          | 1,50     | 9,10   | 0301406009    |
| <b>M 8</b>  | 1,00 - 4,00  | 26,00               | 10,90          | 16,00          | 1,50     | 11,10  | 0301408011    |
| <b>M 10</b> | 1,00 - 4,00  | 31,00               | 12,90          | 19,00          | 2,00     | 13,10  | 0301401013    |

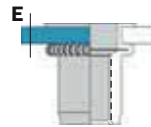
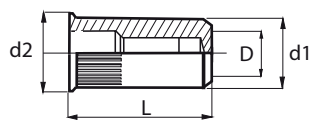
| D           | Setting effort<br>Fuerza para remachado<br>max. |  Tensile Strength<br>Threads<br>Tracción<br>min. |  Torque Testing<br>Par de apriete<br>min. |
|-------------|---|---|---|
| <b>M 5</b>  | 5300  | 9800  | 7,0   |
| <b>M 6</b>  | 6500  | 19100   | 12,0  |
| <b>M 8</b>  | 8350  | 29800   | 23,0  |
| <b>M 10</b> | 12000   | 43300   | 39,0  |



# GROOVED REDUCED HEAD CLOSED END BAJA RANURADA FONDO CERRADO





| English             | Español          | Français        | Deutsch             | Portugues        |
|---------------------|------------------|-----------------|---------------------|------------------|
| Reduced head        | Cabeza baja      | Tête reduite    | Kleiner Senkkopf    | Cabeça fina      |
| Grooved             | Ranurada         | Rainure         | Mit schafträndelung | Rahurada         |
| Closed end          | Fondo cerrado    | Fond fermer     | Geschlossen         | Fundo fechado    |
| Steel *             | Acero *          | Acier *         | Stahl *             | Aço *            |
| Zincplated 7 µ mín. | Cincado 7 µ mín. | Zingué 7 µ mín. | Verzinkt 7 µ mín.   | Zincado 7 µ mín. |

\* Steel /acero DIN EN 10016-



| D          | <br>MÁX.<br>E<br>m/m | L<br>Nominal<br>m/m | d1<br>Ø<br>m/m | d2<br>Ø<br>m/m |  | Part No/Ref. |
|------------|---|---------------------|----------------|----------------|---|--------------|
| <b>M 4</b> | 0,50 - 2,00   | 14,90               | 5,90           | 7,00           | 6,10  | 0375204006   |
| <b>M 5</b> | 0,50 - 3,00   | 18,00               | 6,90           | 8,00           | 7,10  | 0375205007   |
| <b>M 6</b> | 0,50 - 3,00   | 21,50               | 8,90           | 9,90           | 9,10  | 0375206009   |
| <b>M 8</b> | 0,50 - 3,00   | 22,50               | 10,90          | 12,00          | 11,10   | 0375208011   |

| D          | Setting effort<br>Fuerza para remachado<br>max. |  Tensile Strength<br>Threads<br>Tracción<br>min. |  Torque Testing<br>Par de apriete<br>min. |
|------------|---|---|---|
| <b>M 4</b> | 3000  | 7000  | 2,9   |
| <b>M 5</b> | 5400  | 9800  | 6,0   |
| <b>M 6</b> | 7100  | 19000   | 10,5  |
| <b>M 8</b> | 8400  | 30000   | 15,5  |

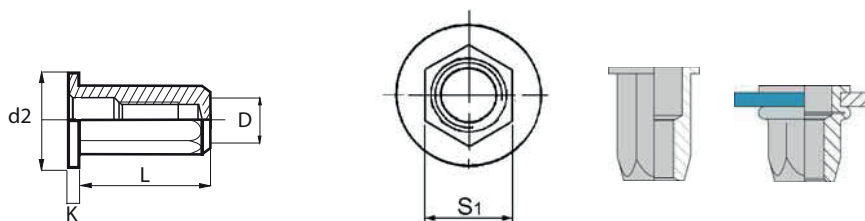




# HEXAGON LARGE HEAD CLOSED END HEXAGONAL ANCHA FONDO CERRADO


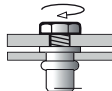


| English             | Español          | Français        | Deutsch           | Portugues        |
|---------------------|------------------|-----------------|-------------------|------------------|
| Large head          | Cabeza ancha     | Tête large      | Flachrundkopf     | Cabeça larga     |
| Hexagon             | Hexagonal        | Hexagonal       | Sechskantschaft   | Sextavado        |
| Closed end          | Fondo cerrado    | Fond fermer     | Geschlossen       | Fundo fechado    |
| Steel *             | Acero *          | Acier *         | Stahl *           | Aço *            |
| Zincplated 7 µ mín. | Cincado 7 µ mín. | Zingué 7 µ mín. | Verzinkt 7 µ mín. | Zincado 7 µ mín. |

\* Steel /acero DIN EN 10016-



| D          | <br>MÁX.<br>E<br>m/m | L<br>Nominal<br>m/m | S1<br>Ø<br>m/m | d2<br>Ø<br>m/m | K<br>m/m |  | Part No/Ref. |
|------------|--|---------------------|----------------|----------------|----------|---|--------------|
| <b>M 6</b> | 0,50 - 3,00  | 21,50               | 8,90           | 13,00          | 1,50     | 9,70  | 031140 6009  |

| D          | Setting effort<br>Fuerza para remachado<br>max. |  Tensile Strength<br>Threads<br>Tracción<br>min. |  Torque Testing<br>Par de apriete<br>min. |
|------------|---|---|---|
| <b>M 6</b> |   |   |   |

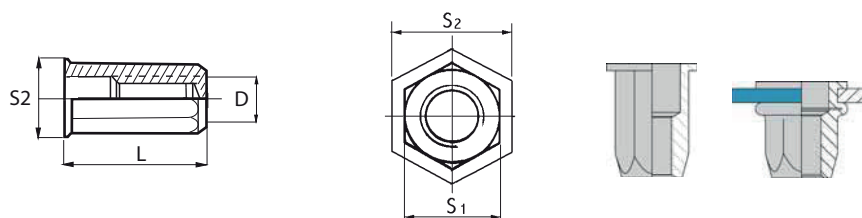
# HEXAGON REDUCED HEAD CLOSED END



## BAJA HEXAGONAL FONDO CERRADO


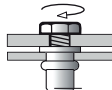


| English             | Español          | Français        | Deutsch           | Portugues        |
|---------------------|------------------|-----------------|-------------------|------------------|
| Reduced head        | Cabeza baja      | Tête reduite    | Kleiner Senkkopf  | Cabeça fina      |
| Hexagon             | Hexagonal        | Hexagonal       | Sechskantschaft   | Sextavado        |
| Closed end          | Fondo cerrado    | Fond fermer     | Geschlossen       | Fundo fechado    |
| Steel *             | Acero *          | Acier *         | Stahl *           | Aço *            |
| Zincplated 7 µ mín. | Cincado 7 µ mín. | Zingué 7 µ mín. | Verzinkt 7 µ mín. | Zincado 7 µ mín. |

\* Steel /acero DIN EN 10016-



| D   | <br>MAX.<br>E<br>m/m | L<br>Nominal<br>m/m | S1<br>Ø<br>m/m | S2<br>Ø<br>m/m |  | Part No/Ref. |
|-----|--|---------------------|----------------|----------------|--|--------------|
| M 5 | 0,50 - 3,00  | 19,00               | 6,90           | 7,90           | 7,10   | 0311705007   |
| M 6 | 0,50 - 3,00  | 22,00               | 8,90           | 10,10          | 9,10   | 0311706009   |

| D   | Setting effort<br>Fuerza para remachado<br>max. |  Tensile Strength<br>Threads<br>Tracción<br>min. |  Torque Testing<br>Par de apriete<br>min. |
|-----|---|---|---|
| M 5 | 4900  | 9800  | 8,0   |
| M 6 | 7100  | 19100   | 12,0  |

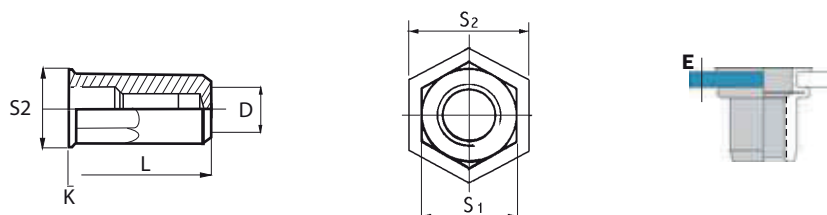
# HALFHEXAGON REDUCED HEAD CLOSED END



## BAJA SEMIHEXAGONAL FONDO CERRADO

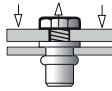
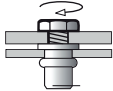


| English             | Español          | Français        | Deutsch             | Portugues        |
|---------------------|------------------|-----------------|---------------------|------------------|
| Reduced head        | Cabeza baja      | Tête reduite    | Kleiner Senkkopf    | Cabeça fina      |
| Halfhexagon         | Semihexagonal    | Semi-hexagonal  | Teilsechskantschaft | Semi-sextavado   |
| Closed end          | Fondo cerrado    | Fond fermer     | Geschlossen         | Fundo fechado    |
| Steel *             | Acero *          | Acier *         | Stahl *             | Aço *            |
| Zincplated 7 µ mín. | Cincado 7 µ mín. | Zingué 7 µ mín. | Verzinkt 7 µ mín.   | Zincado 7 µ mín. |

\* Steel /acero DIN EN 10016-



| D          | <br>MÁX.<br>E<br>m/m | L<br>Nominal<br>m/m | S1<br>Ø<br>m/m | S2<br>Ø<br>m/m |  | Part No/Ref. |
|------------|---|---------------------|----------------|----------------|---|--------------|
| <b>M 4</b> | 0,50 - 2,00   | 16,00               | 5,90           | 7,00           | 6,10  | 0331704006   |
| <b>M 5</b> | 0,50 - 3,00   | 18,00               | 6,90           | 8,00           | 7,10  | 0331705007   |
| <b>M 6</b> | 0,50 - 3,00   | 21,00               | 8,90           | 10,00          | 9,10  | 0331706009   |
| <b>M 8</b> | 0,50 - 3,00   | 23,50               | 10,90          | 12,00          | 11,10   | 0331708011   |

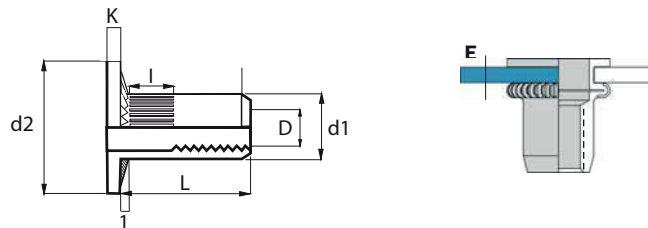
| D          | Setting effort<br>Fuerza para remachado<br>max. |  Tensile Strength<br>Threads<br>Tracción min. |  Torque Testing<br>Par de apriete<br>min. |
|------------|---|--|---|
| <b>M 4</b> | 2900  | 7900   | 4,6   |
| <b>M 5</b> | 3600  | 9800   | 6,2   |
| <b>M 6</b> | 4700  | 19100  | 19,0  |
| <b>M 8</b> | 7850  | 29800  | 34,0  |



# GROOVED EXTRA LARGE SUPER ANCHA RANURADA


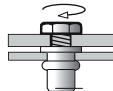


| English     | Español      | Français    | Deutsch            | Portugues    |
|-------------|--------------|-------------|--------------------|--------------|
| Large head  | Cabeza ancha | Tête large  | Grosskopf          | Cabeça larga |
| Grooved     | Ranurada     | Rainure     | Mit Schafrändelung | Ranhuradas   |
| Open end    | Fondo Abieto | Fond ouvert | Offen              | Fundo aberto |
| Steel *     | Acero *      | Acier *     | Stahl *            | Aço *        |
| Zi-Ni-Trans | Zi-Ni-Trans  | Zi-Ni-Trans | Zi-Ni-Trans        | Zi-Ni-Trans  |

\* Steel /acero DIN EN 10016-



| D          | <br>MAX.<br>E<br>m/m | L<br>Nominal<br>m/m | d1<br>Ø<br>m/m | d2<br>Ø<br>m/m | K<br>m/m |  | Part No./Ref. |
|------------|--|---------------------|----------------|----------------|----------|--|---------------|
| <b>M 6</b> | 2,40 - 4,50  | 17,90               | 8,95           | 18,50          | 1,50     | 9,10   | G371706009T1  |

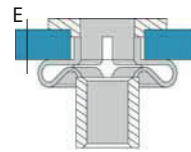
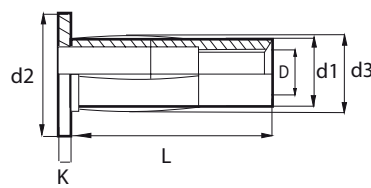
| D          | Setting effort<br>Fuerza para remachado<br>max. |  Tensile Strength<br>Threads<br>Tracción<br>min. |  Torque Testing<br>Par de apriete<br>min. |
|------------|---|---|---|
| <b>M 6</b> | 8600  | 15000   | 13  |



# TREBOL LARGE HEAD ANCHA TREBOL


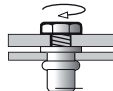


| English             | Español          | Français        | Deutsch           | Portugues        |
|---------------------|------------------|-----------------|-------------------|------------------|
| Large head          | Cabeza ancha     | Tête large      | Flachrundkopf     | Cabeça larga     |
| Trebol              | Trebol           | Trebol          | Trebol            | Trebol           |
| Open end            | Fondo abierto    | Fond ouvert     | Offen             | Fundo aberto     |
| Steel *             | Acero *          | Acier *         | Stahl *           | Aço *            |
| Zincplated 7 µ mín. | Cincado 7 µ mín. | Zingué 7 µ mín. | Verzinkt 7 µ mín. | Zincado 7 µ mín. |

\* Steel /acero DIN EN 10016-



| D          | <br>MAX.<br>E<br>m/m | L<br>Nominal<br>m/m | d1<br>Ø<br>m/m | d2<br>Ø<br>m/m | d3<br>Ø<br>m/m | K<br>m/m |  | Part No/Ref. |
|------------|--|---------------------|----------------|----------------|----------------|----------|---|--------------|
| <b>M 6</b> | 0,50 - 7,00  | 25,40               | 8,50           | 16,00          | 9,60           | 1,50     | 9,70  | 03016060095  |

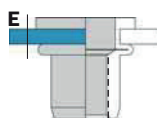
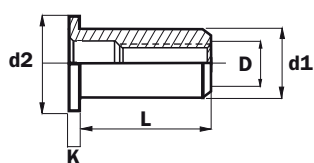
| D          | Setting effort<br>Fuerza para remachado<br>max. |  Tensile Strength<br>Threads<br>Tracción<br>min. |  Torque Testing<br>Par de apriete<br>min. |
|------------|---|---|---|
| <b>M 6</b> | 5100  | 19100   | 14,8  |



# CYLINDRICAL LARGE HEAD ANCHA LISA

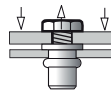
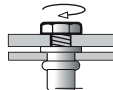


| English             | Español      | Français    | Deutsch        | Portugues    |
|---------------------|--------------|-------------|----------------|--------------|
| Dome head           | Cabeza ancha | Tête large  | Flachrundkopf  | Cabeça larga |
| Cylindrical         | Lisa         | Lisa        | Rundschaft     | Lisa         |
| Open end            | Fondo Abieto | Fond ouvert | Offen          | Fundo aberto |
| Stainless steel A2* | Inox A2*     | Inox A2*    | Edelstahl A2 * | Inox A2 *    |

\* AISI 304



| D          | <br>MAX.<br>E<br>m/m | L<br>Nominal<br>m/m | d1<br>Ø<br>m/m | d2<br>Ø<br>m/m | K<br>m/m |  | Part No./Ref. |
|------------|--|---------------------|----------------|----------------|----------|--|---------------|
| <b>M 4</b> | 0,50 - 2,00  | 10,00               | 5,90           | 9,00           | 1,00     | 6,10   | 0303104006    |
| <b>M 5</b> | 0,50 - 3,00  | 12,00               | 6,90           | 10,00          | 1,00     | 7,10   | 0303105007    |
| <b>M 6</b> | 0,50 - 3,00  | 14,50               | 8,90           | 13,00          | 1,50     | 9,10   | 0303106009    |
| <b>M 8</b> | 0,50 - 3,00  | 16,00               | 10,90          | 15,00          | 1,50     | 11,10  | 0303108011    |

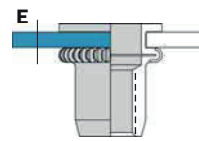
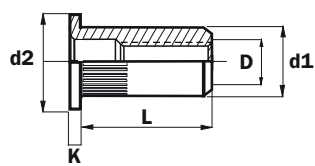
| D          | Setting effort<br>Fuerza para remachado<br>max. |  Tensile Strength<br>Threads<br>Tracción<br>min. |  Torque Testing<br>Par de apriete<br>min. |
|------------|---|---|---|
| <b>M 4</b> | 4900  | 10000   | 3,1   |
| <b>M 5</b> | 6000  | 15800   | 6,9   |
| <b>M 6</b> | 9000  | 21600   | 10,0  |
| <b>M 8</b> | 12350   | 36300   | 19,3  |



# GROOVED LARGE HEAD ANCHA RANURADA

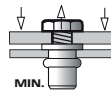
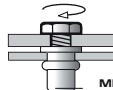


| English             | Español      | Français    | Deutsch            | Portugues    |
|---------------------|--------------|-------------|--------------------|--------------|
| Dome head           | Cabeza ancha | Tête large  | Flachrundkopf      | Cabeça larga |
| Grooved             | Ranurada     | Rainure     | Mit Schafrändelung | Ranhuradas   |
| Open end            | Fondo Abieto | Fond ouvert | Offen              | Fundo aberto |
| Stainless Steel A2* | Inox A2*     | Inox A2*    | Edelstahl A2 *     | Inox A2 *    |

\* AISI 304



| D          | <br>MÁX.<br>E<br>m/m | L<br>Nominal<br>m/m | d1<br>Ø<br>m/m | d2<br>Ø<br>m/m | K<br>m/m     |  | Part No./Ref.            |
|------------|--|---------------------|----------------|----------------|--------------|--|--------------------------|
| <b>M 4</b> | 0,50 - 2,00  | 10,00               | 5,90           | 9,00           | 1,00         | 6,10   | 0373104006               |
| <b>M 5</b> | 0,50 - 3,00  | 12,00               | 6,90           | 10,00          | 1,00         | 7,10   | 0373105007               |
| <b>M 6</b> | 0,50 - 3,00  | 14,50               | 8,90           | 13,00          | 1,50         | 9,10   | 0373106009               |
| <b>M 8</b> | 0,50 - 3,00<br>3,00 - 5,50   | 16,50<br>18,50      | 10,90<br>10,90 | 15,00<br>15,00 | 1,50<br>1,50 | 11,10<br>11,10   | 0373108011<br>0373118011 |
| <b>M10</b> | 1,00 - 3,50  | 19,00               | 12,90          | 17,00          | 2,00         | 13,10  | 0373101013               |

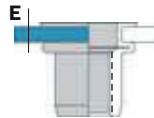
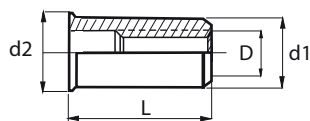
| D          | Setting effort<br>Fuerza para remachado<br>MÁX. | <br>Tensile Strength<br>Threads<br>Tracción máxima<br>MIN. | <br>Torque Testing<br>Par de apriete<br>MIN. |
|------------|---|---|--|
| <b>M 4</b> |   |   |  |
| <b>M 5</b> |   |   |  |
| <b>M 6</b> |   |   |  |
| <b>M 8</b> |   |   |  |
| <b>M10</b> |   |   |  |



# CYLINDRICAL REDUCED HEAD BAJA LISA


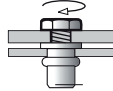


| English              | Español      | Français     | Deutsch          | Portugues    |
|----------------------|--------------|--------------|------------------|--------------|
| Reduced head         | Cabeza baja  | Tête reduite | Kleiner Senkkopf | Cabeça fina  |
| Cylindrical          | Lisa         | Lisa         | Rundschaft       | Lisa         |
| Open end             | Fondo Abieto | Fond ouvert  | Offen            | Fundo aberto |
| Stainless Steel A2 * | Inox A2 *    | Inox A2 *    | Edelstahl A2 *   | Inox A2 *    |

\* AISI 304



| D   |  | L<br>Nominal<br>m/m | d1<br>Ø<br>m/m | d2<br>Ø<br>m/m |  | Part No/Ref. |
|-----|---|---------------------|----------------|----------------|---|--------------|
| M 4 | 0,50 - 2,00   | 11,00               | 5,90           | 7,00           | 6,10  | 0303204006   |
| M 5 | 0,50 - 3,00   | 12,00               | 6,90           | 8,00           | 7,10  | 0303205007   |
| M 6 | 0,50 - 3,00   | 14,50               | 8,90           | 10,00          | 9,10  | 0303206009   |
| M 8 | 0,50 - 3,00   | 16,00               | 10,90          | 12,00          | 11,10   | 0303208011   |

| D   | Setting effort<br>Fuerza para remachado<br>max. |  Tensile Strength<br>Threads<br>Tracción<br>min. |  Torque Testing<br>Par de apriete<br>min. |
|-----|---|---|---|
| M 4 | 4900  | 10000   | 2,2   |
| M 5 | 6000  | 15800   | 3,2   |
| M 6 | 9000  | 21600   | 5,8   |
| M 8 | 12350   | 36300   | 15,6  |

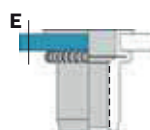
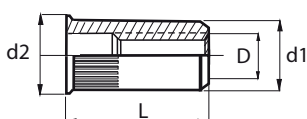




# GROOVED REDUCED HEAD BAJA RANURADA

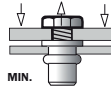
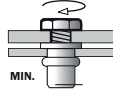


| English              | Español      | Français     | Deutsch            | Portugues    |
|----------------------|--------------|--------------|--------------------|--------------|
| Reduced head         | Cabeza baja  | Tête reduite | Kleiner            | Cabeça fina  |
| Grooved              | Ranurada     | Rainure      | Mit Schafrändelung | Ranhurada    |
| Open end             | Fondo Abieto | Fond ouvert  | Offen              | Fundo aberto |
| Stainless Steel A2 * | Inox A2 *    | Inox A2 *    | Edelstahl A2 *     | Inox A2 *    |

\* AISI 304



| D          | <br>MAX.<br>E<br>m/m | L<br>Nominal<br>m/m | d1<br>Ø<br>m/m | d2<br>Ø<br>m/m |  | Part No./Ref. |
|------------|---|---------------------|----------------|----------------|---|---------------|
| <b>M 3</b> | 0,25 - 2,00   | 9,75                | 4,90           | 6,00           | 5,10  | 0373203005    |
| <b>M 4</b> | 0,50 - 2,00   | 11,00               | 5,90           | 7,00           | 6,10  | 0373204006    |
| <b>M 5</b> | 0,50 - 3,00   | 12,00               | 6,90           | 7,90           | 7,10  | 0373205007    |
| <b>M 6</b> | 0,50 - 3,00   | 14,50               | 8,90           | 10,00          | 9,10  | 0373206009    |
| <b>M 8</b> | 0,50 - 3,00   | 16,00               | 10,90          | 12,00          | 11,10   | 0373208011    |
| <b>M10</b> | 1,00 - 3,50   | 19,00               | 12,90          | 14,20          | 13,10   | 0373201013    |

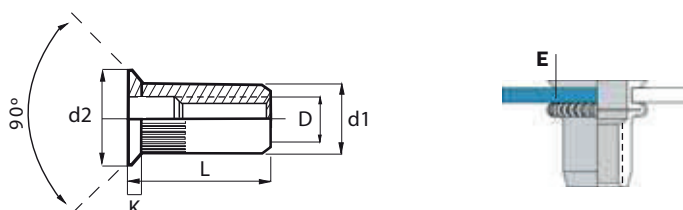
| D          | Setting effort<br>Fuerza para remachado<br>MÁX. | <br>Tensile Strength<br>Threads<br>Tracción máxima<br>MIN. | <br>Torque Testing<br>Par de apriete<br>MIN. |
|------------|---|---|--|
| <b>M 3</b> | 4000  | 6000  | 1,0  |
| <b>M 4</b> | 4900  | 10000   | 2,9  |
| <b>M 5</b> | 6000  | 15800   | 6,0  |
| <b>M 6</b> | 9000  | 21600   | 12,0   |
| <b>M 8</b> | 12350   | 36300   | 15,0   |
| <b>M10</b> |   |   |  |



# GROOVED COUNTERSUNK HEAD AVELLANADA RANURADA

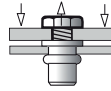
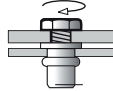


| English              | Español           | Français     | Deutsch            | Portugues      |
|----------------------|-------------------|--------------|--------------------|----------------|
| Countersunk head     | Cabeza Avellanada | Tête Fraisée | Senkkopf           | Cabeça embeber |
| Grooved              | Ranurada          | Rainure      | Mit Schafrändelung | Ranhurada      |
| Open end             | Fondo Abieto      | Fond ouvert  | Offen              | Fundo aberto   |
| Stainless Steel A2 * | Inox A2 *         | Inox A2 *    | Edelstahl A2 *     | Inox A2 *      |

\* AISI 304



| D          | <br>MAX.<br>E<br>m/m | L<br>Nominal<br>m/m | d1<br>Ø<br>m/m | d2<br>Ø<br>m/m | K<br>m/m |  | Part No./Ref. |
|------------|---|---------------------|----------------|----------------|----------|--|---------------|
| <b>M 4</b> | 1,50 - 3,00   | 12,00               | 5,90           | 9,00           | 1,50     | 6,10   | 0373304006    |
| <b>M 5</b> | 1,50 - 4,00   | 13,50               | 6,90           | 9,60           | 1,50     | 7,10   | 0373305007    |
| <b>M 6</b> | 1,50 - 4,00   | 16,00               | 8,90           | 12,00          | 1,50     | 9,10   | 0373306009    |
| <b>M 8</b> | 1,50 - 4,00   | 18,00               | 10,90          | 14,00          | 1,50     | 11,10  | 0373308011    |

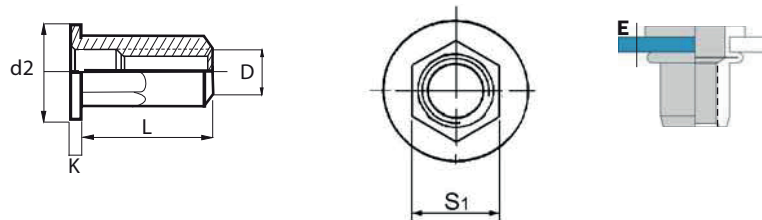
| D          | Setting effort<br>Fuerza para remachado |  Tensile Strength<br>Threads<br>Tracción máxima |  Torque Testing<br>Par de apriete |
|------------|---|--|---|
| <b>M 4</b> | 4900                                    | 10000  | 4,1   |
| <b>M 5</b> | 6000                                    | 15800  | 5,8   |
| <b>M 6</b> | 9000                                    | 21600  | 18,7  |
| <b>M 8</b> | 12350                                   | 36300  | 25,9  |



# HALFHEXAGON LARGE HEAD ANCHA SEMIHEXAGONAL


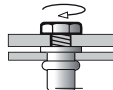


| English             | Español       | Français       | Deutsch             | Portugues      |
|---------------------|---------------|----------------|---------------------|----------------|
| Large head          | Cabeza ancha  | Tête large     | Flachrundkopf       | Cabeça larga   |
| Halfhexagon         | Semihexagonal | Semi-hexagonal | Teilsechskantschaft | Semi-Sextavado |
| Open end            | Fondo Abieto  | Fond ouvert    | Offen               | Fundo aberto   |
| Stainless Steel A2* | Inox A2 *     | Inox A2 *      | Edelstahl A2 *      | Inox A2 *      |

\* AISI 304



| D          | <br>MAX.<br>E<br>m/m | L<br>Nominal<br>m/m | S1<br>Ø<br>m/m | d2<br>Ø<br>m/m | K<br>m/m |  | Part No./Ref. |
|------------|--|---------------------|----------------|----------------|----------|--|---------------|
| <b>M 5</b> | 0,50 - 3,00  | 12,00               | 6,90           | 10,00          | 1,50     | 7,10   | 0333106009    |
| <b>M 6</b> | 0,50 - 3,00  | 14,00               | 8,90           | 12,00          | 1,50     | 9,10   | 0333106009    |
| <b>M 8</b> | 0,50 - 3,00  | 16,00               | 10,90          | 15,00          | 1,50     | 11,10  | 0333108011    |

| D          | Setting effort<br>Fuerza para remachado<br>max. |  Tensile Strength<br>Threads<br>Tracción<br>min. |  Torque Testing<br>Par de apriete<br>min. |
|------------|---|---|---|
| <b>M 6</b> | 7700  | 21600   | 19,7  |
| <b>M 8</b> | 11200   | 31000   | 34,0  |

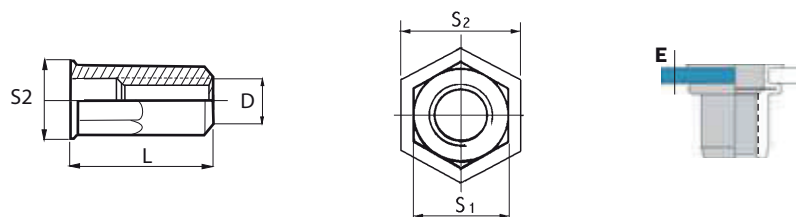
# HALFHEXAGON REDUCED HEAD



## BAJA SEMIHEXAGONAL





| English             | Español       | Français       | Deutsch             | Portugues      |
|---------------------|---------------|----------------|---------------------|----------------|
| Reduced head        | Cabeza baja   | Tête reduite   | Kleiner             | Cabeça fina    |
| Halfhexagon         | Semihexagonal | Semi-hexagonal | Teilsechskantschaft | Semi-Sextavado |
| Open end            | Fondo Abieto  | Fond ouvert    | Offen               | Fundo aberto   |
| Stainless Steel A2* | Inox A2 *     | Inox A2 *      | Edelstahl A2 *      | Inox A2 *      |

\* AISI 304



| D          | <br>MAX.<br>E<br>m/m | L<br>Nominal<br>m/m | S1<br>Ø<br>m/m | S2<br>Ø<br>m/m |  | Part No/Ref. |
|------------|--|---------------------|----------------|----------------|---|--------------|
| <b>M 4</b> | 0,50 - 2,50  | 10,60               | 5,90           | 6,80           | 6,00  | 0333204006   |
| <b>M 5</b> | 0,50 - 3,00  | 11,60               | 6,90           | 8,00           | 7,00  | 0333205007   |
| <b>M 6</b> | 0,70 - 3,00  | 14,50               | 8,90           | 10,00          | 9,00  | 0333206009   |
| <b>M 8</b> | 0,80 - 3,30  | 15,80               | 10,90          | 12,00          | 11,00   | 0333208011   |

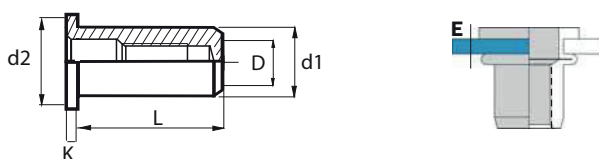
| D          | Setting effort<br>Fuerza para remachado |  Tensile Strength<br>Threads<br>Tracción máxima |  Torque Testing<br>Par de apriete |
|------------|---|--|---|
| <b>M 4</b> |   |  |   |
| <b>M 5</b> |   |  |   |
| <b>M 6</b> |   |  |   |
| <b>M 8</b> |   |  |   |

# CYLINDRICAL LARGE HEAD CLOSED END ANCHA LISA FONDO CERRADO



| English            | Español       | Français    | Deutsch        | Portugues     |
|--------------------|---------------|-------------|----------------|---------------|
| Dome head          | Cabeza ancha  | Tête large  | Flachrundkopf  | Cabeça larga  |
| Cylindrical        | Lisa          | Lisa        | Rundschaft     | Lisa          |
| Closed end         | Fondo cerrado | Fond fermer | Geschlossen    | Fundo fechado |
| Stainlesssteel A2* | Inox A2*      | Inox A2*    | Edelstahl A2 * | Inox A2 *     |

\* AISI 304



| D          |             | L<br>Nominal<br>m/m | d1<br>Ø<br>m/m | d2<br>Ø<br>m/m | K<br>m/m |       | Part No./Ref. |
|------------|-------------|---------------------|----------------|----------------|----------|-------|---------------|
| <b>M 4</b> | 0,50 - 2,50 | 16,00               | 5,90           | 9,00           | 1,00     | 6,10  | 0303404006    |
| <b>M 5</b> | 0,50 - 3,00 | 18,00               | 6,90           | 10,00          | 1,00     | 7,10  | 0303405007    |
| <b>M 6</b> | 0,50 - 3,00 | 21,00               | 8,90           | 12,00          | 1,50     | 9,10  | 0303406009    |
| <b>M 8</b> | 0,50 - 3,00 | 23,50               | 10,90          | 15,00          | 1,50     | 11,10 | 0303408011    |

| D          | Setting effort<br>Fuerza para remachado<br>max. |       | Torque Testing<br>Par de apriete<br>min. |
|------------|---|-------|--|
| <b>M 4</b> | 4900  | 10000 | 3,1                                      |
| <b>M 5</b> | 6000  | 15800 | 6,9                                      |
| <b>M 6</b> | 9000  | 21600 | 10,0                                     |
| <b>M 8</b> | 12350   | 36300 | 19,3                                     |

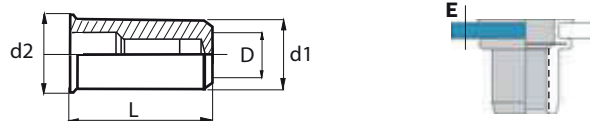
# CYLINDRICAL REDUCED HEAD CLOSED END



## BAJA LISA FONDO CERRADO





| English              | Español       | Français     | Deutsch          | Portugues     |
|----------------------|---------------|--------------|------------------|---------------|
| Reduced head         | Cabeza baja   | Tête reduite | Kleiner Senkkopf | Cabeça fina   |
| Cylindrical          | Lisa          | Lisa         | Rundschaft       | Lisa          |
| Closed end           | Fondo cerrado | Fond fermer  | Geschlossen      | Fundo fechado |
| Stainless Steel A2 * | Inox A2 *     | Inox A2 *    | Edelstahl A2 *   | Inox A2 *     |

\* AISI 304



| D   | <br>MAX.<br>E<br>m/m | L<br>Nominal<br>m/m | d1<br>Ø<br>m/m | d2<br>Ø<br>m/m |  | Part No/Ref. |
|-----|---|---------------------|----------------|----------------|---|--------------|
| M 4 | 0,50 - 3,00   | 16,00               | 5,90           | 7,00           | 6,10  | 0303704006   |
| M 5 | 0,50 - 3,00   | 18,00               | 6,90           | 8,00           | 7,10  | 0303705007   |
| M 6 | 0,50 - 3,00   | 21,00               | 8,90           | 10,00          | 9,10  | 0303706008   |
| M 8 | 0,50 - 3,00   | 23,50               | 10,90          | 12,00          | 11,10   | 0303708011   |

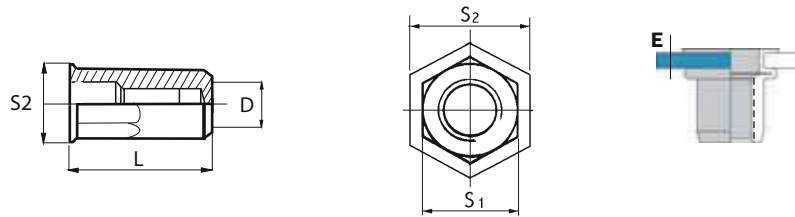
| D   | Setting effort<br>Fuerza para remachado<br>max. |  Tensile Strength<br>Threads<br>Tracción<br>min. |  Torque Testing<br>Par de apriete<br>min. |
|-----|---|---|---|
| M 4 | 4900  | 10000   | 2,2   |
| M 5 | 6000  | 15800   | 3,2   |
| M 6 | 9000  | 21600   | 5,8   |
| M 8 | 12350   | 36300   | 15,6  |

# HALFHEXAGON REDUCED HEAD CLOSED END BAJA SEMIHEXAGONAL FONDO CERRADO



| English             | Español       | Français       | Deutsch             | Portugues      |
|---------------------|---------------|----------------|---------------------|----------------|
| Reduced head        | Cabeza baja   | Tête reduite   | Kleiner             | Cabeça fina    |
| Halfhexagon         | Semihexagonal | Semi-hexagonal | Teilsechskantschaft | Semi-Sextavado |
| Closed end          | Fondo cerrado | Fond fermer    | Geschlossen         | Fundo fechado  |
| Stainless Steel A2* | Inox A2 *     | Inox A2 *      | Edelstahl A2 *      | Inox A2 *      |

\* AISI 304



| D          | <br>MAX.<br>E<br>m/m | L<br>Nominal<br>m/m | S1<br>Ø<br>m/m | S2<br>Ø<br>m/m |       | Part No/Ref. |
|------------|----------------------|---------------------|----------------|----------------|-------|--------------|
| <b>M 4</b> | 0,50 - 2,50          | 16,00               | 5,90           | 7,00           | 6,10  | 0333704006   |
| <b>M 5</b> | 0,50 - 3,00          | 18,00               | 6,90           | 8,00           | 7,10  | 0333705007   |
| <b>M 6</b> | 0,50 - 3,00          | 21,00               | 8,90           | 10,00          | 9,10  | 0333706009   |
| <b>M 8</b> | 0,50 - 3,00          | 23,50               | 10,90          | 12,00          | 11,10 | 0333708011   |

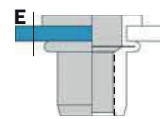
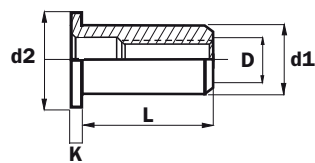
| D          | Setting effort<br>Fuerza para remachado | <br>Tensile Strength<br>Threads<br>Tracción máxima | <br>Torque Testing<br>Par de apriete |
|------------|---|--|--------------------------------------|
| <b>M 4</b> |   |  |                                      |
| <b>M 5</b> |   |  |                                      |
| <b>M 6</b> |   |  |                                      |
| <b>M 8</b> |   |  |                                      |



# CYLINDRICAL LARGE HEAD ANCHA LISA



| English     | Español      | Français    | Deutsch       | Portugues    |
|-------------|--------------|-------------|---------------|--------------|
| Dome head   | Cabeza ancha | Tête large  | Flachrundkopf | Cabeça larga |
| Cylindrical | Lisa         | Lisa        | Rundschaft    | Lisa         |
| Open end    | Fondo Abieto | Fond ouvert | Offen         | Fundo aberto |
| Aluminium * | Aluminio *   | Aluminium * | Aluminium *   | Aluminio *   |

\*



| D          | <br>MAX.<br>E<br>m/m | L<br>Nominal<br>m/m | d1<br>Ø<br>m/m | d2<br>Ø<br>m/m | K<br>m/m |  | Part No./Ref.            |
|------------|--|---------------------|----------------|----------------|----------|--|--------------------------|
| <b>M 4</b> | 0,50 - 2,00  | 9,50                | 5,90           | 9,00           | 1,00     | 6,10   | 0302104006               |
|            | 3,00 - 5,50  | 15,00               | 6,90           | 10,00          | 1,00     | 7,10   | 0302105007<br>0302115007 |
| <b>M 6</b> | 0,50 - 3,00  | 14,50               | 8,90           | 13,00          | 1,50     | 9,10   | 0302106009               |
|            | 3,00 - 5,50  | 16,50               | 8,90           | 13,00          | 1,50     |  | 0302116009               |
| <b>M 8</b> | 0,50 - 3,00  | 16,50               | 10,90          | 16,00          | 1,50     | 11,10  | 0302108011               |
|            | 3,00 - 5,50  | 18,50               | 10,90          | 16,00          | 1,50     |  | 0302118011               |

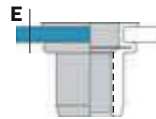
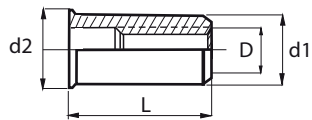




# CYLINDRICAL REDUCED HEAD BAJA LISA



| English      | Español      | Français       | Deutsch     | Portugues    |
|--------------|--------------|----------------|-------------|--------------|
| Reduced head | Cabeza baja  | Tête reduite   | Kleiner     | Cabeça fina  |
| Cylindrical  | Lisa         | Lisa           | Rundschaft  | Lisa         |
| Open end     | Fondo Abieto | Fond ouvert    | Offen       | Fundo aberto |
| Aluminium*   | Aluminio *   | Aluminium A2 * | Aluminium * | Aluminio *   |

\* Aluminium Alloy/Aleación Aluminio



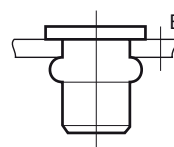
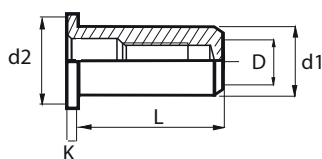
| D          |  | L<br>Nominal<br>m/m | d1<br>Ø<br>m/m | d2<br>Ø<br>m/m |  | Part No./Ref. |
|------------|---|---------------------|----------------|----------------|---|---------------|
| <b>M 5</b> | 0,50 - 3,00   | 11,50               | 6,90           | 8,00           | 7,10  | 0302205007    |
| <b>M 6</b> | 0,50 - 3,00   | 14,50               | 8,90           | 10,00          | 9,10  | 0302206009    |
| <b>M 8</b> | 0,50 - 3,00   | 16,00               | 10,90          | 12,00          | 11,10   | 0302206009    |



# CYLINDRICAL LARGE HEAD ANCHA LISA





| English     | Español       | Français    | Deutsch       | Portugues     |
|-------------|---------------|-------------|---------------|---------------|
| Large head  | Cabeza ancha  | Tête large  | Flachrundkopf | Cabeça larga  |
| Cylindrical | Lisa          | Lisa        | Rundschaft    | Lisa          |
| Closed end  | Fondo cerrado | Fond fermer | Geschlossen   | Fundo fechado |
| Aluminium * | Aluminio *    | Aluminium * | Aluminium *   | Aluminio *    |

\* Aluminium Alloy/Aleacia Aluminio



| D   | <br>MAX.<br>E<br>m/m | L<br>Nominal<br>m/m | d1<br>Ø<br>m/m | d2<br>Ø<br>m/m | K<br>m/m |  | Part No./Ref. |
|-----|--|---------------------|----------------|----------------|----------|--|---------------|
| M 6 | 0,50 - 3,00  | 21,00               | 9,00           | 11,90          | 1,50     | 9,10   | 0302406009    |
| M 8 | 0,50 - 3,00  | 26,00               | 11,00          | 15,90          | 1,50     | 11,10  | 0302408011    |

| D   | Setting effort<br>Fuerza para remachado<br>MAX. | <br>MIN.<br>Tensile Strength<br>Threads<br>Tracción máxima | <br>MIN.<br>Torque Testing<br>Par de apriete |
|-----|---|---|--|
| M 6 | 6250  | 10500   | 9,0  |
| M 8 |   |   |  |

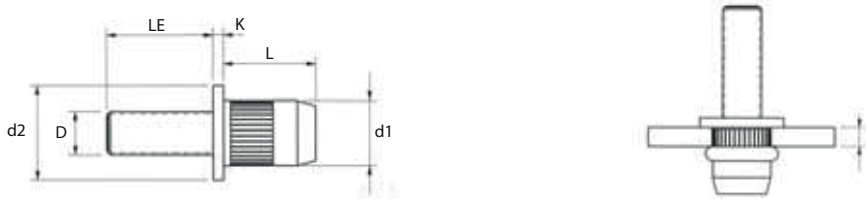
# STUD NUT



## ESPARRAGO REMACHABLE



| English             | Español          | Français        | Deutsch            | Portugues        |
|---------------------|------------------|-----------------|--------------------|------------------|
| Large head          | Cabeza ancha     | Tête large      | Setkopf            | Cabeça larga     |
| Grooved             | Ranurada         | Rainure         | Mit Schafrändelung | Ranhuradas       |
| Open end            | Fondo Abieto     | Fond ouvert     | Offen              | Fundo aberto     |
| Steel *             | Acero *          | Acier *         | Stahl *            | Aço *            |
| Zincplated 7 µ mín. | Cincado 7 µ mín. | Zingué 7 µ mín. | Verzinkt 7 µ mín.  | Zincado 7 µ mín. |

\* Steel /acero DIN EN 10016-



| D          | <br>MÁX.<br>E<br>m/m | L<br>Nominal<br>m/m | LE<br>m/m | d1<br>Ø<br>m/m | d2<br>Ø<br>m/m | K<br>m/m |  | Part No/Ref. |
|------------|--|---------------------|-----------|----------------|----------------|----------|---|--------------|
| <b>M 6</b> | 0,50 - 3,00  | 13,0                | 15,0      | 8,95           | 13,00          | 1,00     | 9,10  | 0370006015   |
|            | 0,50 - 3,00  |                     | 20,0      |                |                |          |   | 0370006020   |
|            | 0,50 - 3,00  |                     | 25,0      |                |                |          |   | 0370006025   |
| <b>M 8</b> | 0,50 - 3,00  | 16,00               | 20,0      | 10,95          | 16,00          | 1,50     | 11,10   | 0370008020   |
|            | 0,50 - 3,00  |                     | 25,0      |                |                |          |   | 0370008025   |

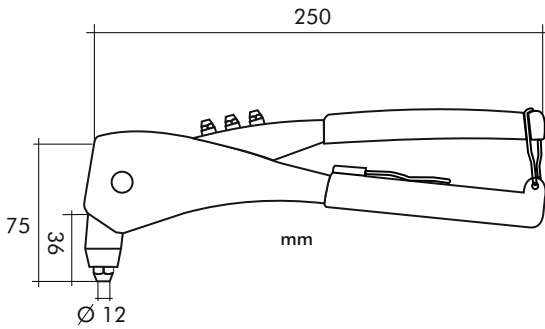
# Reinhardhardors



**STIASA**

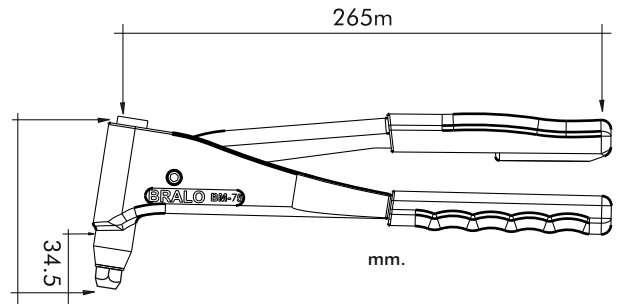
Suministros Industriales del Tajo, S.A.

# RIVETER FOR RIVETS



| MODEL                | REFERENCE                             |
|----------------------|---------------------------------------|
| <b>BM 45</b>         | 92BM00450                             |
| <b>BM 45 BLISTER</b> | 92BM00453                             |
| <b>BM 45 CAJA</b>    | 02BM00452                             |
| <b>PLÁSTICO</b>      | BM45+ Surtido de remaches más usuales |

Weight: 530 grs.



| MODEL                      | REFERENCE |
|----------------------------|-----------|
| <b>BM 75</b>               | 02BM00750 |
| <b>BM 75 BLISTER</b>       | 92BM00750 |
| <b>BM 75 CAJA METALICA</b> | 02BM00652 |

Weight: 600 grs.

## RIVETING CAPACITY

| RIVET<br>Ø<br>m/m | MATERIALS |       |      |        |
|-------------------|-----------|-------|------|--------|
|                   | Aluminum  | Steel | Inox | Cooper |
| 2,4               | X         |       |      |        |
| 3,0 - 3,2         | X         | X     | X    | X      |
| 4,0               | X         | X     | X    | X      |
| 4,8 - 5,0         | X         |       |      |        |

## RIVETING CAPACITY

| RIVET<br>Ø<br>m/m | MATERIALS |       |      |        |
|-------------------|-----------|-------|------|--------|
|                   | Aluminum  | Steel | Inox | Cooper |
| 2,4               | X         |       |      |        |
| 3,0 - 3,2         | X         | X     | X    | X      |
| 4,0               | X         | X     | X    | X      |
| 4,8 - 5,0         | X         |       |      |        |

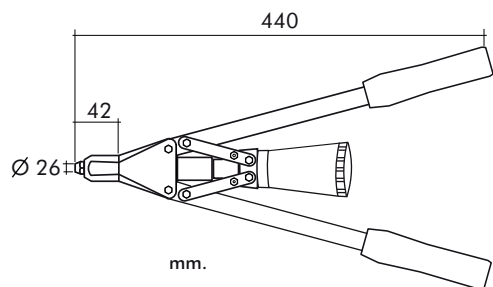
### BM-45



### BM-75

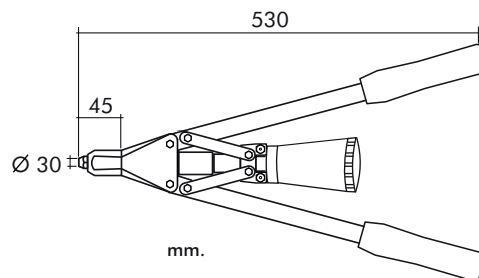


# RIVETER FOR RIVETS



| MODEL | REFERENCE |
|-------|-----------|
| BM 90 | 02BM00900 |

Weight: 1.500 grs.



| MODEL | REFERENCE |
|-------|-----------|
| BM 93 | 02BM00930 |

Weight: 2.057 grs.

## RIVETING CAPACITY

| RIVET<br>Ø<br>m/m | MATERIALS |       |      |        |
|-------------------|-----------|-------|------|--------|
|                   | Aluminum  | Steel | Inox | Cooper |
| 3,0 - 3,2         | X         | X     | X    | X      |
| 4,0               | X         | X     | X    | X      |
| 4,8 - 5,0         | X         | X     | X    | X      |
| * 4,8 Estructural |           | X     |      |        |
| * 5,2 S-Trebol    | X         |       |      |        |

## RIVETING CAPACITY

| RIVET<br>Ø<br>m/m | MATERIALS |       |      |        |
|-------------------|-----------|-------|------|--------|
|                   | Aluminum  | Steel | Inox | Cooper |
| 4,8 - 5,0         | X         | X     | X    |        |
| 6,0               | X         | X     |      |        |
| 6,4               | X         | X     |      |        |
| * 6,5 Estructural | X         | X     | X    |        |

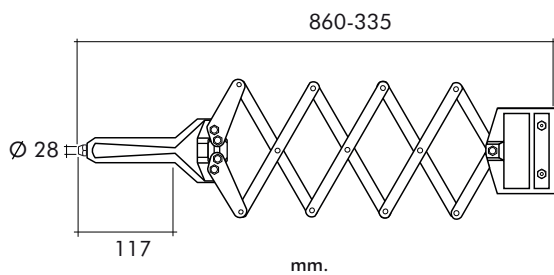
**BM-90**



**BM-93**

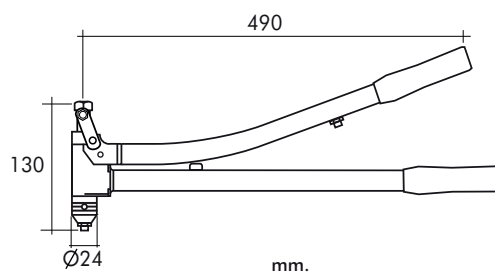


# RIVETER FOR RIVETS



| MODEL | REFERENCE |
|-------|-----------|
| BM 67 | 02BM00670 |

Peso: 1.920 grs.



| MODEL | REFERENCE |
|-------|-----------|
| BM 92 | 02BM00920 |

Peso: 1.590 grs.

## RIVETING CAPACITY

| RIVET<br>Ø<br>m/m | MATERIALS |       |      |        |
|-------------------|-----------|-------|------|--------|
|                   | Aluminum  | Steel | Inox | Cooper |
| 2,4               | X         |       |      |        |
| 3,0 - 3,2         | X         | X     | X    | X      |
| 4,0               | X         | X     | X    | X      |
| 4,8 - 5,0         | X         | X     | X    | X      |

## RIVETING CAPACITY

| RIVET<br>Ø<br>m/m | MATERIALS |       |      |        |
|-------------------|-----------|-------|------|--------|
|                   | Aluminum  | Steel | Inox | Cooper |
| 3,0 - 3,2         | X         | X     | X    | X      |
| 4,0               | X         | X     | X    | X      |
| 4,8 - 5,0         | X         | X     | X    | X      |

**BM-67**

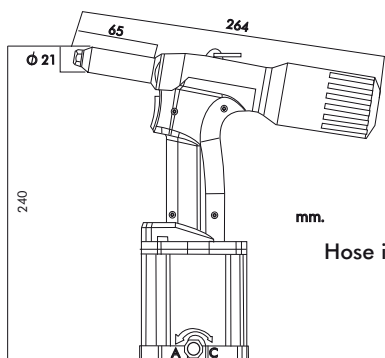


**BM-92**



# RIVETER FOR RIVETS

## WITH ASPIRATION OF AIR

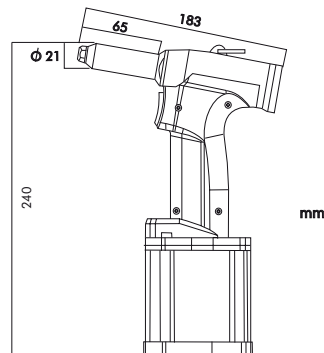


mm.  
Hose inside diameter: 6 mm

| MODEL  | REFERENCE |
|--------|-----------|
| BM 500 | 02BM05000 |

Weight: 1.400 grs.

## WITHOUT ASPIRATION OF AIR



mm.

| MODEL    | REFERENCE  |
|----------|------------|
| BM 500SA | 02BM0500SA |

Weight: 1.400 grs.

### RIVETING CAPACITY

| RIVET<br>Ø<br>m/m | MATERIALS |       |      |        |
|-------------------|-----------|-------|------|--------|
|                   | Aluminum  | Steel | Inox | Cooper |
| 2,4               | X         | X     | X    | X      |
| 3,0 - 3,2         | X         | X     | X    | X      |
| 4,0               | X         | X     | X    | X      |
| 4,8 - 5,0         | X         |       |      |        |
| * 5,2 s-frebol    | X         |       |      |        |

\*Requires special nozzle that is supplied as an accessory.

## BM-500



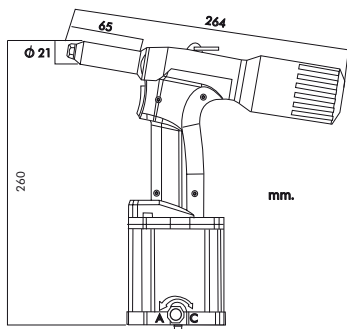
## BM-500SA





# RIVETER FOR RIVETS

## WITH ASPIRATION OF AIR



Hose inside diameter: 6 mm

| MODEL                     | REFERENCE  |
|---------------------------|------------|
| BM - 700                  | 02BM07000  |
| BM - 700<br>Carrera Larga | 02BM0700CL |

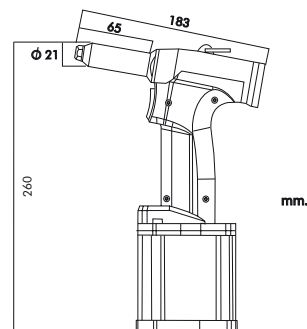
Peso: 1.500 grs.

### RIVETING CAPACITY

| RIVET<br>Ø<br>m/m | MATERIALS |       |      |        |
|-------------------|-----------|-------|------|--------|
|                   | Aluminum  | Steel | Inox | Cooper |
| 3,0 - 3,2         | X         | X     | X    | X      |
| 4,0               | X         | X     | X    | X      |
| 4,8 - 5,0         | X         | X     | X    | X      |
| * 4,8 Estructural |           | X     |      |        |
| * 5,2 S-Trebol    | X         |       |      |        |

\*Requires special nozzle that is supplied as an accessory.

## WITHOUT ASPIRATION OF AIR



| MODEL      | REFERENCE  |
|------------|------------|
| BM - 700SA | 02BM0700SA |

Peso: 1.500 grs.

### RIVETING CAPACITY

| RIVET<br>Ø<br>m/m | MATERIALS |       |      |        |
|-------------------|-----------|-------|------|--------|
|                   | Aluminum  | Steel | Inox | Cooper |
| 3,0 - 3,2         | X         | X     | X    | X      |
| 4,0               | X         | X     | X    | X      |
| 4,8 - 5,0         | X         | X     | X    | X      |
| * 4,8 Estructural |           | X     |      |        |
| * 5,2 S-Trebol    | X         |       |      |        |

## BM-700

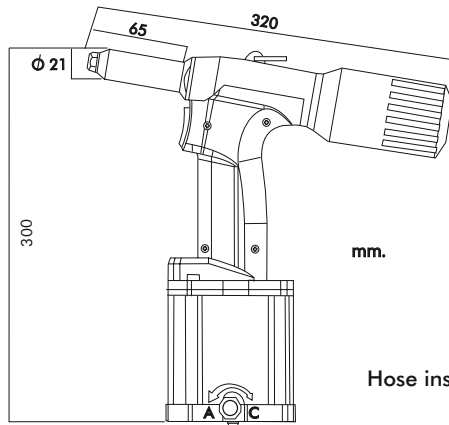


## BM-700SA



# RIVETER FOR RIVETS

**WITH ASPIRATION OF AIR**



mm.

Hose inside diameter: 6 mm

| MODEL    | REFERENCE |
|----------|-----------|
| BM - 900 | 02BM09000 |

Peso: 2.800 grs.

## RIVETING CAPACITY

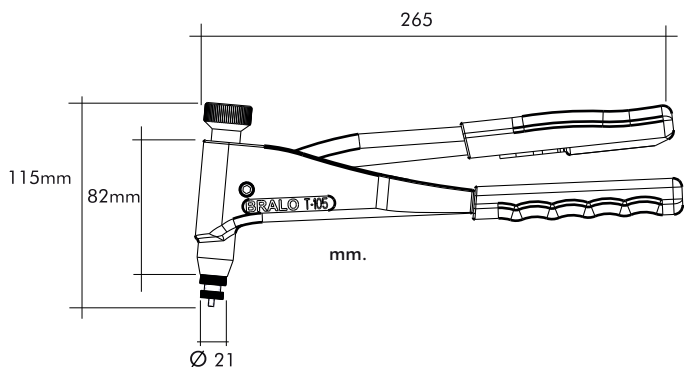
| RIVET<br>Ø<br>m/m | MATERIALS |       |      |        |
|-------------------|-----------|-------|------|--------|
|                   | Aluminum  | Steel | Inox | Cooper |
| * 4,8 Estructural | X         | X     |      | X      |
| 4,8 - 5,0         | X         | X     |      | X      |
| 6,0 - 6,4         | X         | X     |      | X      |
| * 6,5 Estructural | X         | X     |      | X      |

\*Requires special nozzle that is supplied as an accessory.

**BM-900**



# RIVETING TOOLS FOR INSERT NUTS



## CARTÓN BOX

| MODEL       | REFERENCE |
|-------------|-----------|
| T- 105 CAJA | 02TR01050 |

Peso: 496 grs.



## RIVETING CAPACITY

| RIVET<br>Ø<br>m/m | MATERIALS |       |      |
|-------------------|-----------|-------|------|
|                   | Aluminum  | Steel | Inox |
| M - 3             | X         | X     | X    |
| M - 4             | X         | X     | X    |
| M - 5             | X         | X     | X    |
| M - 6             | X         | X     |      |

# T-105

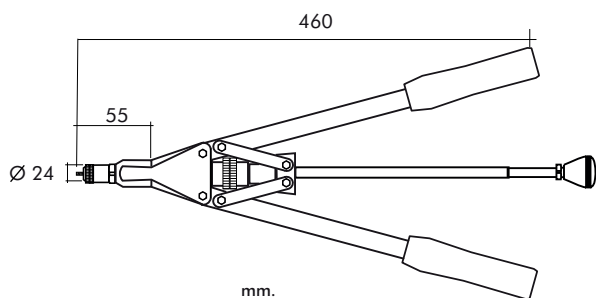


## METAL BOX

| MODEL  | REFERENCE |
|--|-----------|
| T- 105 CAJA<br>CARTON                                | 02TR01050 |
| T- 105 CAJA<br>METÁLICA                              | 02TR01052 |
| 1 T-105  |           |
| Surtido de Tuercas Remachables más usuales           |           |
| M-4, M-5 y M-6 c/ancho acero M-5 y M-6 c/ baja acero |           |



# RIVETING TOOLS FOR INSERT NUTS

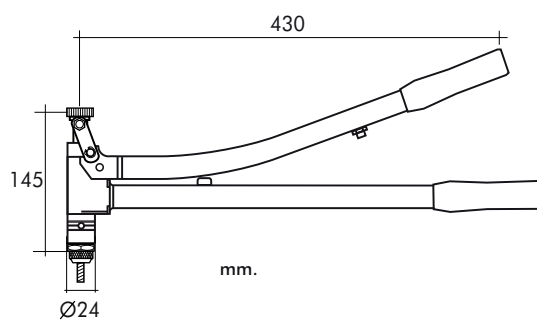


| MODEL            | REFERENCE |
|------------------|-----------|
| TR 200           | 02TR02000 |
| TR 200 CAJA MET. | 02TR02002 |

Peso: 1.600 grs.

## RIVETING CAPACITY

| RIVET<br>Ø<br>m/m | MATERIALS |       |      |
|-------------------|-----------|-------|------|
|                   | Aluminum  | Steel | Inox |
| M - 4             | X         | X     | X    |
| M - 5             | X         | X     | X    |
| M - 6             | X         | X     | X    |
| M - 8             | X         | X     | X    |



| MODEL        | REFERENCE |
|--------------|-----------|
| TR 300 M - 4 | 02TR03004 |
| TR 300 M - 5 | 02TR03005 |
| TR 300 M - 6 | 02TR03006 |
| TR 300 M - 8 | 02TR03008 |

Peso: 1.600 grs.

## RIVETING CAPACITY

| RIVET<br>Ø<br>m/m | MATERIALS |       |      |
|-------------------|-----------|-------|------|
|                   | Aluminum  | Steel | Inox |
| M - 4             | X         | X     | X    |
| M - 5             | X         | X     | X    |
| M - 6             | X         | X     | X    |
| M - 8             | X         | X     | X    |

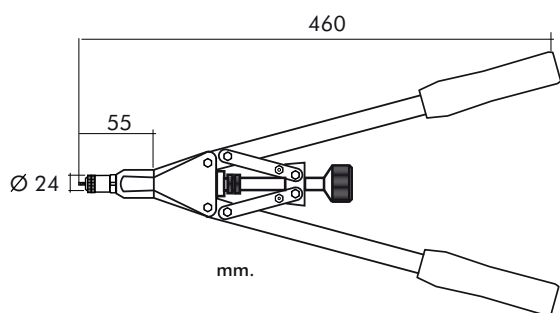
**TR-200**



**TR-300**



# RIVETING TOOLS FOR INSERT NUTS

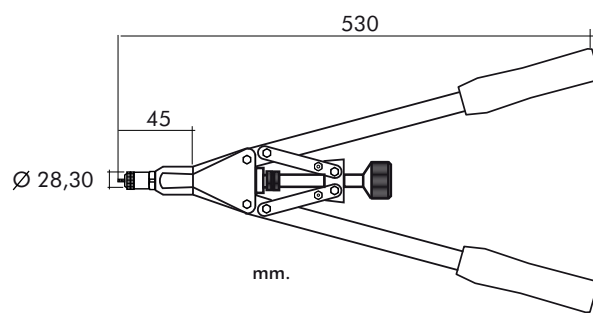


| MODEL           | REFERENCE |
|-----------------|-----------|
| TR 208          | 02TR02080 |
| TR 208 CAJA.MET | 02TR02082 |

Peso: 1.600 grs.

### RIVETING CAPACITY

| RIVET<br>Ø<br>m/m | MATERIALS |       |      |
|-------------------|-----------|-------|------|
|                   | Aluminum  | Steel | Inox |
| M - 4             | X         | X     | X    |
| M - 5             | X         | X     | X    |
| M - 6             | X         | X     | X    |
| M - 8             | X         | X     | X    |



| MODEL  | REFERENCE |
|--------|-----------|
| TR 212 | 02TR02120 |

Peso: 2.200 grs.

### RIVETING CAPACITY

| RIVET<br>Ø<br>m/m | MATERIALS |       |      |
|-------------------|-----------|-------|------|
|                   | Aluminum  | Steel | Inox |
| M - 8             | X         | X     | X    |
| M - 10            | X         | X     | X    |
| M - 12            | X         | X     |      |

**TR-208**

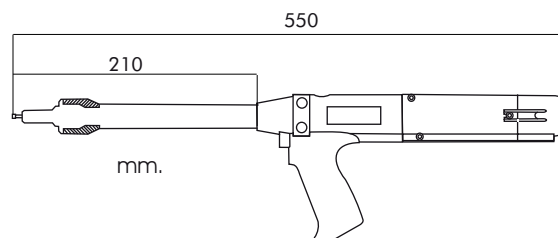



**TR-212**



# RIVETING TOOLS FOR SPEED RIVETS

## RR-10



| d1<br>Ø<br>m/m |  m/m | DESCRIPCIÓN | COLOR    | T<br>Ø<br>m/m | K<br>MAX | CÓDIGO<br>ARTÍCULO |
|----------------|--|-------------|----------|---------------|----------|--------------------|
| 3,2            | 3,25   | Standar     | Verde    | 2,34          | 3,31     | 05BSR010100        |
|                | 3,40   | SM1         | Amarillo | 2,46          | 3,31     | 05BSR010101        |
|                | 3,50   | SM2         | Azul     | 2,59          | 3,31     | 05BSR010102        |
| 4,0            | 4,00   | Standar     | Verde    | 2,79          | 3,71     | 05BSR010103        |
|                | 4,10   | SM1         | Amarillo | 2,92          | 3,71     | 05BSR010104        |
|                | 4,25   | SM          | Azul     | 3,05          | 3,71     | 05BSR010105        |
| 4,8            | 4,85   | Standar     | Verde    | 3,58          | 4,31     | 05BSR010106        |
|                | 5,00   | SM1         | Amarillo | 3,71          | 4,31     | 05BSR010107        |
|                | 5,10   | SM2         | Azul     | 3,84          | 4,31     | 05BSR010108        |

### CARTÓN BOX

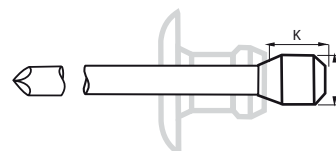
| MODEL         | REFERENCE |
|---------------|-----------|
| RR - 10 Ø 3,2 | 02RR00103 |
| RR - 10 Ø 4,0 | 02RR00104 |
| RR - 10 Ø 4,8 | 02RR00105 |

Peso pistólin: 1.250 grs.


NOTA: La remachadora se suministra para un diametro de Remache. Solicitar la máquina con el diametro del remache a utilizar.

### RIVETING CAPACITY

| RIVET<br>Ø<br>m/m | MATERIALS |       |      |        |
|-------------------|-----------|-------|------|--------|
|                   | Aluminum  | Steel | Inox | Cooper |
| 3,2               | X         | X     | X    | X      |
| 4,0               | X         | X     | X    | X      |
| 4,8               | X         | X     | X    | X      |



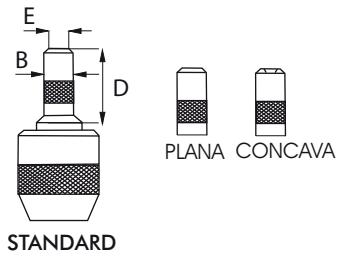
Vástago para remaches rápidos BSR

| d1<br>Ø<br>m/m |  m/m | DESCRIPCIÓN | COLOR    | T<br>Ø<br>m/m | K<br>MAX | CÓDIGO<br>ARTÍCULO |
|----------------|--|-------------|----------|---------------|----------|--------------------|
| 3,2            | 3,25   | Standar     | Verde    | 2,34          | 3,05     | 05BSV010100        |
|                | 3,40   | SM1         | Amarillo | 2,46          | 3,20     | 05BSV010101        |
|                | 3,50   | SM2         | Azul     | 2,59          | 3,38     | 05BSV010102        |
| 4,0            | 4,00   | Standar     | Verde    | 2,79          | 3,45     | 05BSV010103        |
|                | 4,10   | SM1         | Amarillo | 2,92          | 3,61     | 05BSV010104        |
|                | 4,25   | SM2         | Azul     | 3,05          | 3,78     | 05BSV010105        |
| 4,8            | 4,85   | Standar     | Verde    | 3,58          | 3,99     | 05BSV010106        |
|                | 5,00   | SM1         | Amarillo | 3,71          | 4,17     | 05BSV010107        |
|                | 5,10   | SM2         | Azul     | 3,84          | 4,32     | 05BSV010108        |

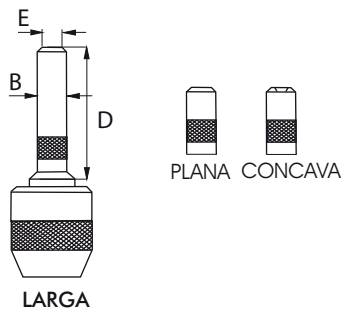


Vástago para remaches rápidos BSV

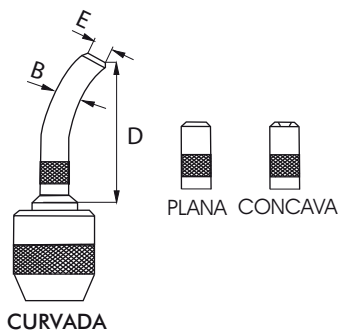
# ACCESORIES FOR SPEED RIVETS



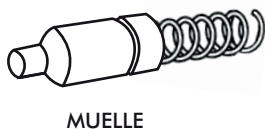
| d1<br>Ø<br>m/m | B<br>m/m | D<br>m/m | E<br>m/m | TIPO Y FORMA     | CÓDIGO<br>ARTÍCULO |
|----------------|----------|----------|----------|------------------|--------------------|
| 3,2            | 11,50    | 30,30    | 5,50     | Standard plana   | 05BSR010110        |
|                | 11,50    | 30,30    | 8,50     | Standard cóncava | 05BSR010111        |
| 4,0            | 12,50    | 30,30    | 7,00     | Standard plana   | 05BSR010112        |
|                | 12,50    | 30,30    | 10,50    | Standard cóncava | 05BSR010113        |
| 4,8            | 14,50    | 30,30    | 10,00    | Standard plana   | 05BSR010114        |
|                | 14,50    | 30,30    | 12,50    | Standard cóncava | 05BSR010115        |



| d1<br>Ø<br>m/m | B<br>m/m | D<br>m/m | E<br>m/m | TIPO Y FORMA  | CÓDIGO<br>ARTÍCULO |
|----------------|----------|----------|----------|---------------|--------------------|
| 3,2            | 9,60     | 59,50    | 5,50     | Larga plana   | 05BSR010120        |
|                | 9,60     | 59,50    | 8,50     | Larga cóncava | 05BSR010121        |
| 4,0            | 12,50    | 59,50    | 7,00     | Larga plana   | 05BSR010122        |
|                | 12,50    | 59,50    | 10,50    | Larga cóncava | 05BSR010123        |
| 4,8            | 14,50    | 60,50    | 10,00    | Larga plana   | 05BSR010124        |
|                | 14,50    | 60,50    | 12,50    | Larga cóncava | 05BSR010125        |

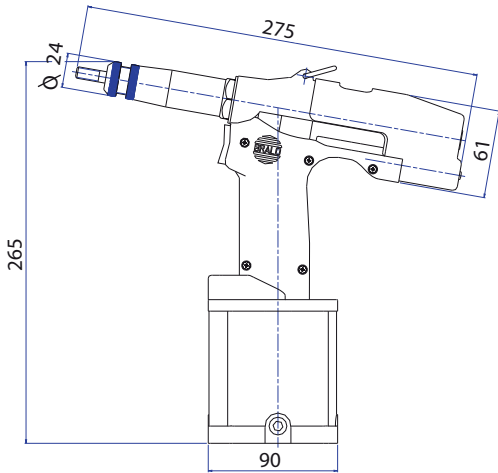


| d1<br>Ø<br>m/m | B<br>m/m | D<br>m/m | E<br>m/m | TIPO Y FORMA    | CÓDIGO<br>ARTÍCULO |
|----------------|----------|----------|----------|-----------------|--------------------|
| 3,2            | 9,60     | 59,50    | 5,50     | Curvada plana   | 05BSR010130        |
|                | 9,60     | 59,50    | 8,50     | Curvada cóncava | 05BSR010131        |
| 4,0            | 12,50    | 59,50    | 7,00     | Curvada plana   | 05BSR010132        |
|                | 12,50    | 59,50    | 10,50    | Curvada cóncava | 05BSR010133        |
| 4,8            | 14,50    | 60,50    | 10,00    | Curvada plana   | 05BSR010134        |
|                | 14,50    | 60,50    | 12,50    | Curvada cóncava | 05BSR010135        |



| d1<br>Ø<br>m/m | CÓDIGO<br>ARTÍCULO |
|----------------|--------------------|
| 3,2            | 05BSR010200        |
|                | 05BSR010210        |
| 4,0            | 05BSR010201        |
|                | 05BSR010211        |
| 4,8            | 05BSR010202        |
|                | 05BSR010212        |

# RIVETING TOOLS FOR INSERT NUTS

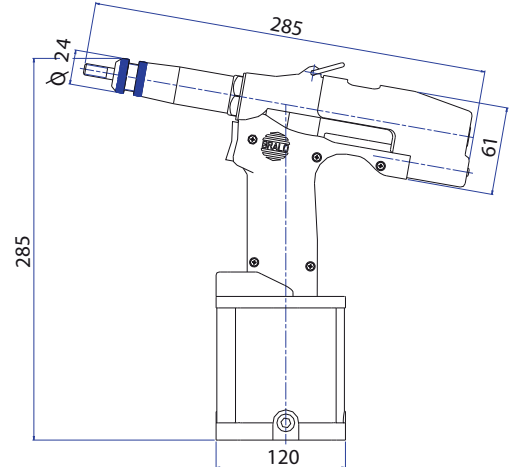


| MODEL     | REFERENCE |
|-----------|-----------|
| TR - 1000 | 02TR10000 |

Peso: 2.200 grs.

## RIVETING CAPACITY

| RIVET<br>Ø<br>m/m | MATERIALS |       |      |
|-------------------|-----------|-------|------|
|                   | Aluminum  | Steel | Inox |
| M - 4             | X         | X     | X    |
| M - 5             | X         | X     | X    |
| M - 6             | X         | X     | X    |
| M - 8             | X         | X     | X    |



| MODEL     | REFERENCE |
|-----------|-----------|
| TR - 2000 | 02TR20000 |

Peso: 2.850 grs.

## RIVETING CAPACITY

| RIVET<br>Ø<br>m/m | MATERIALS |       |      |
|-------------------|-----------|-------|------|
|                   | Aluminum  | Steel | Inox |
| M - 4             | X         | X     | X    |
| M - 5             | X         | X     | X    |
| M - 6             | X         | X     | X    |
| M - 8             | X         | X     | X    |
| M - 10            | X         | X     | X    |
| M - 12            | X         | X     | X    |

**TR-1000**



**TR-2000**









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