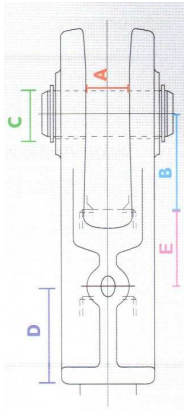


## Ausschreibungstexte:

| Text<br>Nr. | Beschreibung                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Einheit | Preis pro<br>Einheit | Gesamt-<br>preis |    |      |   |   |     |    |   |    |   |    |    |     |    |   |    |   |    |    |     |    |   |    |    |    |      |     |    |   |    |    |    |      |     |    |    |    |    |    |      |     |    |    |    |    |    |      |     |    |    |    |    |    |    |     |    |    |    |    |    |    |     |    |    |    |    |    |      |     |    |    |    |    |    |      |     |    |    |    |    |    |      |     |    |    |    |    |    |      |      |            |       |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------------------|------------------|----|------|---|---|-----|----|---|----|---|----|----|-----|----|---|----|---|----|----|-----|----|---|----|----|----|------|-----|----|---|----|----|----|------|-----|----|----|----|----|----|------|-----|----|----|----|----|----|------|-----|----|----|----|----|----|----|-----|----|----|----|----|----|----|-----|----|----|----|----|----|------|-----|----|----|----|----|----|------|-----|----|----|----|----|----|------|-----|----|----|----|----|----|------|------|------------|-------|
| 1           | <p>HAKEN FÜR DIE HERSTELLUNG VON VERSTREBUNGEN:</p> <p>Lieferung und Montage, gemäß Baupläne, von einem <b>Haken aus Stahl, für die Herstellung von Verstrebungen</b>, Typ <b>HAKEN FÜR VERSTREBUNGEN</b>, für Gewindebolzen mit Durchmesser Ø = ... mm.</p> <p>Haken für Verstrebungen werden von Rotho Blaas GmbH (<a href="http://www.rothoblaas.com">www.rothoblaas.com</a>) vermarktet. Sie weisen folgende Eigenschaften auf:</p> <ul style="list-style-type: none"><li>- Stahlklasse S235 mit <math>f_{u,k} \geq 235 \text{ N/mm}^2</math></li><li>- Warmverzinkung durch Tauchvorgang mit einer Mindestdicke von 55 µm</li></ul> <p>Die Geometrie des Hakens ist:</p> <div><table><tr><th>Maß</th><th>Gewinde</th><th>A</th><th>B</th><th>C</th><th>D</th><th>E</th></tr><tr><td>M10</td><td>re</td><td>6</td><td>12</td><td>8</td><td>28</td><td>17</td></tr><tr><td>M10</td><td>li</td><td>6</td><td>12</td><td>8</td><td>28</td><td>17</td></tr><tr><td>M12</td><td>re</td><td>8</td><td>22</td><td>10</td><td>32</td><td>20,5</td></tr><tr><td>M12</td><td>li</td><td>8</td><td>22</td><td>10</td><td>32</td><td>20,5</td></tr><tr><td>M16</td><td>re</td><td>10</td><td>30</td><td>14</td><td>42</td><td>27,5</td></tr><tr><td>M16</td><td>li</td><td>10</td><td>30</td><td>14</td><td>42</td><td>27,5</td></tr><tr><td>M20</td><td>re</td><td>12</td><td>34</td><td>16</td><td>51</td><td>33</td></tr><tr><td>M20</td><td>li</td><td>12</td><td>34</td><td>16</td><td>51</td><td>33</td></tr><tr><td>M24</td><td>re</td><td>15</td><td>42</td><td>20</td><td>63</td><td>39,5</td></tr><tr><td>M24</td><td>li</td><td>15</td><td>42</td><td>20</td><td>63</td><td>39,5</td></tr><tr><td>M30</td><td>re</td><td>20</td><td>52</td><td>25</td><td>75</td><td>48,5</td></tr><tr><td>M30</td><td>li</td><td>20</td><td>52</td><td>25</td><td>75</td><td>48,5</td></tr></table></div> <p>Für den Anschluss von Gewindestangen oder Gewindebolzen muss ein Ende des Hakens ein metrisches Gewinde (linksdrehend oder rechtsdrehend) vorweisen. Für die Verankerung der Zugstrebe an der Konstruktion oder an einer Verstrebungsscheibe muss das andere Ende gegabelt und vorgebohrt sein.</p> <p>Der Einbau kann mit Gewindebolzen erfolgen, deren Durchmesser von der Größe des Hakens abhängt.</p> <p>Die oben genannten Anweisungen dienen zur fachgerechten Lieferung und Montage.</p> <div></div> | Maß     | Gewinde              | A                | B  | C    | D | E | M10 | re | 6 | 12 | 8 | 28 | 17 | M10 | li | 6 | 12 | 8 | 28 | 17 | M12 | re | 8 | 22 | 10 | 32 | 20,5 | M12 | li | 8 | 22 | 10 | 32 | 20,5 | M16 | re | 10 | 30 | 14 | 42 | 27,5 | M16 | li | 10 | 30 | 14 | 42 | 27,5 | M20 | re | 12 | 34 | 16 | 51 | 33 | M20 | li | 12 | 34 | 16 | 51 | 33 | M24 | re | 15 | 42 | 20 | 63 | 39,5 | M24 | li | 15 | 42 | 20 | 63 | 39,5 | M30 | re | 20 | 52 | 25 | 75 | 48,5 | M30 | li | 20 | 52 | 25 | 75 | 48,5 | Stk. | ... €/Stk. | ... € |
| Maß         | Gewinde                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | A       | B                    | C                | D  | E    |   |   |     |    |   |    |   |    |    |     |    |   |    |   |    |    |     |    |   |    |    |    |      |     |    |   |    |    |    |      |     |    |    |    |    |    |      |     |    |    |    |    |    |      |     |    |    |    |    |    |    |     |    |    |    |    |    |    |     |    |    |    |    |    |      |     |    |    |    |    |    |      |     |    |    |    |    |    |      |     |    |    |    |    |    |      |      |            |       |
| M10         | re                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 6       | 12                   | 8                | 28 | 17   |   |   |     |    |   |    |   |    |    |     |    |   |    |   |    |    |     |    |   |    |    |    |      |     |    |   |    |    |    |      |     |    |    |    |    |    |      |     |    |    |    |    |    |      |     |    |    |    |    |    |    |     |    |    |    |    |    |    |     |    |    |    |    |    |      |     |    |    |    |    |    |      |     |    |    |    |    |    |      |     |    |    |    |    |    |      |      |            |       |
| M10         | li                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 6       | 12                   | 8                | 28 | 17   |   |   |     |    |   |    |   |    |    |     |    |   |    |   |    |    |     |    |   |    |    |    |      |     |    |   |    |    |    |      |     |    |    |    |    |    |      |     |    |    |    |    |    |      |     |    |    |    |    |    |    |     |    |    |    |    |    |    |     |    |    |    |    |    |      |     |    |    |    |    |    |      |     |    |    |    |    |    |      |     |    |    |    |    |    |      |      |            |       |
| M12         | re                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 8       | 22                   | 10               | 32 | 20,5 |   |   |     |    |   |    |   |    |    |     |    |   |    |   |    |    |     |    |   |    |    |    |      |     |    |   |    |    |    |      |     |    |    |    |    |    |      |     |    |    |    |    |    |      |     |    |    |    |    |    |    |     |    |    |    |    |    |    |     |    |    |    |    |    |      |     |    |    |    |    |    |      |     |    |    |    |    |    |      |     |    |    |    |    |    |      |      |            |       |
| M12         | li                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 8       | 22                   | 10               | 32 | 20,5 |   |   |     |    |   |    |   |    |    |     |    |   |    |   |    |    |     |    |   |    |    |    |      |     |    |   |    |    |    |      |     |    |    |    |    |    |      |     |    |    |    |    |    |      |     |    |    |    |    |    |    |     |    |    |    |    |    |    |     |    |    |    |    |    |      |     |    |    |    |    |    |      |     |    |    |    |    |    |      |     |    |    |    |    |    |      |      |            |       |
| M16         | re                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 10      | 30                   | 14               | 42 | 27,5 |   |   |     |    |   |    |   |    |    |     |    |   |    |   |    |    |     |    |   |    |    |    |      |     |    |   |    |    |    |      |     |    |    |    |    |    |      |     |    |    |    |    |    |      |     |    |    |    |    |    |    |     |    |    |    |    |    |    |     |    |    |    |    |    |      |     |    |    |    |    |    |      |     |    |    |    |    |    |      |     |    |    |    |    |    |      |      |            |       |
| M16         | li                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 10      | 30                   | 14               | 42 | 27,5 |   |   |     |    |   |    |   |    |    |     |    |   |    |   |    |    |     |    |   |    |    |    |      |     |    |   |    |    |    |      |     |    |    |    |    |    |      |     |    |    |    |    |    |      |     |    |    |    |    |    |    |     |    |    |    |    |    |    |     |    |    |    |    |    |      |     |    |    |    |    |    |      |     |    |    |    |    |    |      |     |    |    |    |    |    |      |      |            |       |
| M20         | re                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 12      | 34                   | 16               | 51 | 33   |   |   |     |    |   |    |   |    |    |     |    |   |    |   |    |    |     |    |   |    |    |    |      |     |    |   |    |    |    |      |     |    |    |    |    |    |      |     |    |    |    |    |    |      |     |    |    |    |    |    |    |     |    |    |    |    |    |    |     |    |    |    |    |    |      |     |    |    |    |    |    |      |     |    |    |    |    |    |      |     |    |    |    |    |    |      |      |            |       |
| M20         | li                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 12      | 34                   | 16               | 51 | 33   |   |   |     |    |   |    |   |    |    |     |    |   |    |   |    |    |     |    |   |    |    |    |      |     |    |   |    |    |    |      |     |    |    |    |    |    |      |     |    |    |    |    |    |      |     |    |    |    |    |    |    |     |    |    |    |    |    |    |     |    |    |    |    |    |      |     |    |    |    |    |    |      |     |    |    |    |    |    |      |     |    |    |    |    |    |      |      |            |       |
| M24         | re                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 15      | 42                   | 20               | 63 | 39,5 |   |   |     |    |   |    |   |    |    |     |    |   |    |   |    |    |     |    |   |    |    |    |      |     |    |   |    |    |    |      |     |    |    |    |    |    |      |     |    |    |    |    |    |      |     |    |    |    |    |    |    |     |    |    |    |    |    |    |     |    |    |    |    |    |      |     |    |    |    |    |    |      |     |    |    |    |    |    |      |     |    |    |    |    |    |      |      |            |       |
| M24         | li                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 15      | 42                   | 20               | 63 | 39,5 |   |   |     |    |   |    |   |    |    |     |    |   |    |   |    |    |     |    |   |    |    |    |      |     |    |   |    |    |    |      |     |    |    |    |    |    |      |     |    |    |    |    |    |      |     |    |    |    |    |    |    |     |    |    |    |    |    |    |     |    |    |    |    |    |      |     |    |    |    |    |    |      |     |    |    |    |    |    |      |     |    |    |    |    |    |      |      |            |       |
| M30         | re                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 20      | 52                   | 25               | 75 | 48,5 |   |   |     |    |   |    |   |    |    |     |    |   |    |   |    |    |     |    |   |    |    |    |      |     |    |   |    |    |    |      |     |    |    |    |    |    |      |     |    |    |    |    |    |      |     |    |    |    |    |    |    |     |    |    |    |    |    |    |     |    |    |    |    |    |      |     |    |    |    |    |    |      |     |    |    |    |    |    |      |     |    |    |    |    |    |      |      |            |       |
| M30         | li                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 20      | 52                   | 25               | 75 | 48,5 |   |   |     |    |   |    |   |    |    |     |    |   |    |   |    |    |     |    |   |    |    |    |      |     |    |   |    |    |    |      |     |    |    |    |    |    |      |     |    |    |    |    |    |      |     |    |    |    |    |    |    |     |    |    |    |    |    |    |     |    |    |    |    |    |      |     |    |    |    |    |    |      |     |    |    |    |    |    |      |     |    |    |    |    |    |      |      |            |       |

## Ausschreibungstexte:

| Text Nr. | Beschreibung                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Einheit | Preis pro Einheit | Gesamtpreis |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------|-------------|
| 1        | <p>SCHEIBE FÜR DIE HERSTELLUNG VON VERSTREBUNGEN:</p> <p>Lieferung und Montage, gemäß Baupläne, von einer <b>Scheibe aus Stahl, für die Herstellung von Verstrebungen</b>, Typ <b>SCHEIBE FÜR VERSTREBUNGEN</b> mit Durchmesser <math>\varnothing = \dots</math> mm, Innenlochdurchmesser <math>\varnothing = \dots</math> mm und Dicke <math>S = \dots</math> mm.</p> <p>Scheiben für Verstrebungen werden von Rotho Blaas GmbH (<a href="http://www.rothoblaas.com">www.rothoblaas.com</a>) vermarktet. Sie weisen folgende Eigenschaften auf:</p> <ul style="list-style-type: none"> <li>- Stahlklasse S355, laut Norm DIN EN 10025 mit <math>f_{u,k} \geq 355 \text{ N/mm}^2</math></li> <li>- Warmverzinkung durch Tauchvorgang mit einer Mindestdicke von <math>55 \mu\text{m}</math></li> <li>- CE Kennzeichnung für Bauprodukte, von der Richtlinie 89/106/CEE vorgesehen</li> </ul> <p>Die Scheibe wird ohne Haken geliefert und weist Anzahl <math>N = 2</math> Bohrungen vor.</p> <p>Der Einbau erfolgt mit Haken und Gewindebolzen für Verstrebungen.</p> <p>Die oben genannten Anweisungen dienen zur fachgerechten Lieferung und Montage.</p> <div style="text-align: center;">  </div> | Stk.    | ... €/Stk.        | ... €       |