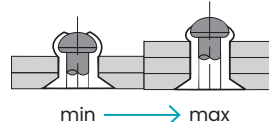
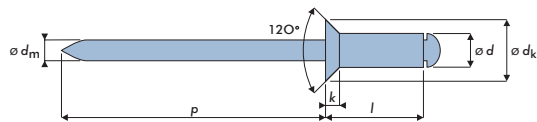






## Q-Standard



Niethülse **Stahl verzinkt**  
 Nietdorn **Stahl verzinkt**  
 Senkkopf



DIN EN ISO 15980

| $\varnothing d$ | $l$         | <br>min - max | <br>$\varnothing$ | $\varnothing d_k$ | $k$<br>max. | $\varnothing d_m$<br>max. | $p$<br>min. | <br>[N] | <br>[N] | Code      |
|-----------------|-------------|--|--|-------------------|-------------|---------------------------|-------------|--|--|-----------|
| mm              | mm          | mm   | mm   | mm                | mm          | mm                        | mm          | [N]  | [N]  |           |
| 3.0             | 6.0         | 1.5 - 3.0  | 3.1 - 3.2  | 6.0               | 1.3         | 2.15                      | 25          | 1100   | 950  | 10SS43006 |
|                 | 8.0         | 3.0 - 5.0  | 3.1 - 3.2  | 6.0               | 1.3         | 2.15                      | 25          | 1100   | 950  | 10SS43008 |
|                 | 10.0        | 5.0 - 6.5  | 3.1 - 3.2  | 6.0               | 1.3         | 2.15                      | 25          | 1100   | 950  | 10SS43010 |
|                 | 12.0        | 6.5 - 8.0  | 3.1 - 3.2  | 6.0               | 1.3         | 2.15                      | 25          | 1100   | 950  | 10SS43012 |
| 3.2             | 6.0         | 1.5 - 3.0  | 3.3 - 3.4  | 6.0               | 1.3         | 2.15                      | 25          | 1200   | 1100   | 10SS43206 |
|                 | 8.0         | 3.0 - 5.0  | 3.3 - 3.4  | 6.0               | 1.3         | 2.15                      | 25          | 1200   | 1100   | 10SS43208 |
|                 | 10.0        | 5.0 - 6.5  | 3.3 - 3.4  | 6.0               | 1.3         | 2.15                      | 25          | 1200   | 1100   | 10SS43210 |
|                 | 12.0        | 6.5 - 8.0  | 3.3 - 3.4  | 6.0               | 1.3         | 2.15                      | 25          | 1200   | 1100   | 10SS43212 |
|                 | 14.0        | 8.0 - 10.0   | 3.3 - 3.4  | 6.0               | 1.3         | 2.15                      | 25          | 1200   | 1100   | 10SS43214 |
| 4.0             | 6.0         | 2.0 - 3.0  | 4.1 - 4.2  | 7.5               | 1.7         | 2.80                      | 27          | 2000   | 1700   | 10SS44006 |
|                 | 8.0         | 3.0 - 5.0  | 4.1 - 4.2  | 7.5               | 1.7         | 2.80                      | 27          | 2000   | 1700   | 10SS44008 |
|                 | 10.0        | 5.0 - 6.5  | 4.1 - 4.2  | 7.5               | 1.7         | 2.80                      | 27          | 2000   | 1700   | 10SS44010 |
|                 | 12.0        | 6.5 - 8.0  | 4.1 - 4.2  | 7.5               | 1.7         | 2.80                      | 27          | 2000   | 1700   | 10SS44012 |
|                 | 14.0        | 8.0 - 10.0   | 4.1 - 4.2  | 7.5               | 1.7         | 2.80                      | 27          | 2000   | 1700   | 10SS44014 |
| 4.8             | 16.0        | 10.0 - 12.0  | 4.1 - 4.2  | 7.5               | 1.7         | 2.80                      | 27          | 2000   | 1700   | 10SS44016 |
|                 | 8.0         | 2.5 - 4.0  | 4.9 - 5.0  | 9.0               | 2.0         | 3.50                      | 27          | 3100   | 2900   | 10SS44808 |
|                 | 10.0        | 4.0 - 6.0  | 4.9 - 5.0  | 9.0               | 2.0         | 3.50                      | 27          | 3100   | 2900   | 10SS44810 |
|                 | 12.0        | 6.0 - 8.0  | 4.9 - 5.0  | 9.0               | 2.0         | 3.50                      | 27          | 3100   | 2900   | 10SS44812 |
|                 | 14.0        | 7.0 - 9.0  | 4.9 - 5.0  | 9.0               | 2.0         | 3.50                      | 27          | 3100   | 2900   | 10SS44814 |
|                 | 16.0        | 8.0 - 11.0   | 4.9 - 5.0  | 9.0               | 2.0         | 3.50                      | 27          | 3100   | 2900   | 10SS44816 |
|                 | 18.0        | 11.0 - 13.0  | 4.9 - 5.0  | 9.0               | 2.0         | 3.50                      | 27          | 3100   | 2900   | 10SS44818 |
|                 | 20.0        | 13.0 - 15.0  | 4.9 - 5.0  | 9.0               | 2.0         | 3.50                      | 27          | 3100   | 2900   | 10SS44820 |
| 22.0            | 14.0 - 17.0 | 4.9 - 5.0  | 9.0  | 2.0               | 3.50        | 27                        | 3100        | 2900   | 10SS44822  |           |