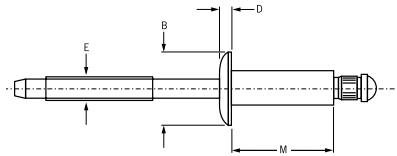


Q Rivet AAPQ / AALQ / AACQ

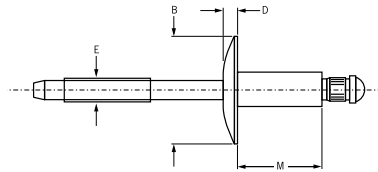
For installation information please refer to the tooling overview and manuals on our website www.avdel-global.com.
 Pour les conditions de pose, merci de vous référer à la description de l'outil et aux manuels disponibles sur notre site Web.
 Angaben zur Verarbeitung entnehmen Sie bitte der Geräteübersicht und den Betriebsanleitungen auf unserer Webseite.
 Per informazioni sull'installazione preghiamo consultare i manuali e la panoramica degli attrezzi sul nostro sito web.
 Para ver información sobre máquinas de colocación, consulte nuestra página web, apartados visión general de máquinas y manuales.



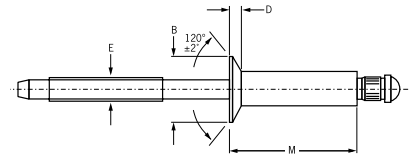
| English | Français | Deutsch | Italiano | Español |
|---------------------------------|-------------------------------|--------------------------------|---|-----------------------------------|
| Body: Aluminium 5052 Natural | Corps: Aluminium 5052 Brut | Hülse: Aluminium 5052 Blank | Corpo: Alluminio 5052 Nessuna finitura | Cuerpo: Aluminio 5052 Natural |
| Stem: Aluminium 7178 Natural | Tige: Aluminium 7178 Brut | Dorn: Aluminium 7178 Blank | Gambo: Alluminio 7178 Nessuna finitura | Vástago: Aluminio 7178 Natural |



Q Rivet AAPQ
 Protruding head / Tête bombée /
 Flachrundkopf / Testa tonda /
 Cabeza alomada



Q Rivet AALQ
 Large flange / Tête large /
 Flachrundkopf, extragroß /
 Testa larga / Cabeza ancha



Q Rivet AACQ
 Countersunk / Tête fraisée
 Senkkopf / Testa svasata
 Cabeza avellanada

| Ø nom. | | | | | | M max. | Ø E ref. | AAPQ Protruding head | | | AALQ Large flange | | | AACQ Countersunk | | | |
|-------------------|-------|--------------------|-------|------|------|-----------|-------------|----------------------|-----------|---------------------------|-------------------|-----------|---------------------------|------------------|-----------|---------------------------|--------|
| | min. | mid. ¹⁾ | max. | min. | max. | | | Ø B | D max. | Part No. /ref AAPQ- | Ø B | D max. | Part No. /ref AALQ- | Ø B ±0.2 | D ref. | Part No. /ref AACQ- | |
| 3.2 mm (1/8") | | | 1.57 | 3.3 | 3.4 | 5.38 | 1.9 | 6.3 ±0.3 | 1.1 | -04-01 | 9.5 ±0.4 | 1.7 | -04-02 | 5.7 | 0.8 | -04-03 | |
| | 1.60 | 2.36 | 3.18 | | | 6.99 | | | | -04-04 | | | | | | -04-04 | -04-04 |
| | 2.39 | 3.18 | 4.75 | | | 8.56 | | | | -04-05 | | | | | | -04-05 | -04-05 |
| | 3.20 | 4.75 | 6.35 | | | 10.16 | | | | -04-06 | | | | | | -04-06 | -04-06 |
| | 4.78 | 6.35 | 7.92 | | | 11.73 | | | | -04-07 | | | | | | -04-07 | -04-07 |
| | 6.38 | 7.92 | 9.53 | | | 13.59 | | | | -04-08 | | | | | | -04-08 | -04-08 |
| | 7.95 | 9.53 | 11.10 | | | 15.29 | | | | | | | | | | | |
| | 9.55 | 11.10 | 12.70 | | | 17.02 | | | | | | | | | | | |
| 4.0 mm (5/32") | 1.57 | 2.36 | 3.18 | 4.1 | 4.2 | 7.62 | 2.4 | 7.9 ±0.4 | 1.3 | -05-02 | 11.9 ±0.5 | 1.9 | -05-04 | 7.1 | 1.0 | -05-04 | |
| | 3.20 | 4.75 | 6.35 | | | 10.80 | | | | -05-06 | | | -05-06 | | | -05-06 | |
| | 6.38 | 7.92 | 9.53 | | | 13.97 | | | | -05-08 | | | -05-08 | | | -05-08 | |
| | 9.55 | 11.10 | 12.70 | | | 17.65 | | | | | | | | | | | |
| 4.8 mm (3/16") | 1.57 | 2.36 | 3.18 | 4.9 | 5.0 | 8.26 | 2.9 | 9.5 ±0.5 | 1.5 | -06-02 | 15.9 ±0.7 | 2.4 | -06-04 | 8.7 | 1.3 | -06-04 | |
| | 3.20 | 4.75 | 6.35 | | | 11.43 | | | | -06-06 | | | -06-06 | | | -06-06 | |
| | 6.38 | 7.92 | 9.53 | | | 14.61 | | | | -06-08 | | | -06-08 | | | -06-08 | |
| | 9.55 | 11.10 | 12.70 | | | 17.78 | | | | -06-10 | | | -06-10 | | | -06-10 | |
| | 12.73 | 14.27 | 15.88 | | | 21.59 | | | | -06-12 | | | -06-12 | | | -06-12 | |
| | 15.90 | 17.45 | 19.05 | | | 24.89 | | | | -06-14 | | | -06-14 | | | -06-14 | |
| | 19.08 | 20.62 | 22.23 | | | 28.19 | | | | | | | | | | | |

all dimensions in mm / en millimètre / alle Maße in mm / in millimetri / en milímetros

1) Mandrels break flush with rivet head at mid. grip (except -04-01s, which break at 1.57 mm) / La tige rompt affleurante à la tête du rivet en milieu de plage de serrage (sauf pour -04-01s qui rompt à 1.57) / Bei mittlerem Klemmbereich (mid.) reißt der Dorn bündig mit dem Nietkopf ab (außer -04-01, der bei 1.57 abreißt) / Q Rivet rottura del chiodo a livello della testa del rivetto per grip medio (eccetto -04-01s rottura a 1.57) / El punto de rotura del Q Rivet es a ras con la cabeza del remache en su grip intermedio (excepto el -04-01s. que rompe a 1.57)



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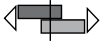

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 Your local Avdel representative is at your disposal should you need to confirm latest information.

Q Rivet AAPQ / AALQ / AACQ

| Ø nom. |  | | |  | | M max. | Ø E ref. | AAPQ Protruding head | | | AALQ Large flange | | | AACQ Countersunk | | | | | | | |
|-----------------|---|--------------------|-------|---|------|-----------|-------------|----------------------|-----|--------------|---------------------------|------|-----------|---------------------------|-------------|-----------|---------------------------|--------|--------|--------|--------|
| | min. | mid. ¹⁾ | max. | min. | max. | | | max. | Ø B | D max. | Part No. /ref AAPQ- | Ø B | D max. | Part No. /ref AALQ- | Ø B ±0.2 | D ref. | Part No. /ref AACQ- | | | | |
| 6.4mm (1/4") | 1.57 | 2.36 | 3.18 | 6.5 | 6.6 | 9.53 | 3.8 | 12.7 ±0.7 | 2.0 | 19.1 ±0.7 | 2.8 | 11.9 | 1.8 | -08-02 | -08-04 | -08-06 | -08-08 | -08-10 | -08-12 | -08-14 | -08-16 |
| | 3.20 | 4.75 | 6.35 | | | 12.70 | | | | | | | | -08-04 | -08-06 | -08-08 | -08-10 | -08-12 | -08-14 | -08-16 | |
| | 6.38 | 7.92 | 9.53 | | | 15.88 | | | | | | | | -08-06 | -08-08 | -08-10 | -08-12 | -08-14 | -08-16 | | |
| | 9.55 | 11.10 | 12.70 | | | 19.05 | | | | | | | | -08-08 | -08-10 | -08-12 | -08-14 | -08-16 | | | |
| | 12.73 | 14.27 | 15.88 | | | 22.86 | | | | | | | | -08-10 | -08-12 | -08-14 | -08-16 | | | | |
| | 15.90 | 17.45 | 19.05 | | | 26.16 | | | | | | | | -08-12 | -08-14 | -08-16 | | | | | |
| | 19.08 | 20.62 | 22.23 | | | 29.46 | | | | | | | | -08-14 | -08-16 | | | | | | |
| | 22.25 | 23.80 | 25.40 | | | 32.77 | | | | | | | | -08-16 | | | | | | | |

all dimensions in mm / en millimètre / alle Maße in mm / in millimetri / en milímetros

1) Mandrels break flush with rivet head at mid. grip (except -04-01s, which break at 1.57 mm) / La tige rompt affleurante à la tête du rivet en milieu de plage de serrage (sauf pour -04-01s qui rompt à 1.57) / Bei mittlerem Klemmbereich (mid.) reißt der Dorn bündig mit dem Nietkopf ab (außer -04-01, der bei 1.57 abreißt) / Q Rivet rottura del chiodo a livello della testa del rivetto per grip medio (eccetto -04-01s rottura a 1.57) / El punto de rotura del Q Rivet es a ras con la cabeza del remache en su grip intermedio (excepto el -04-01s. que rompe a 1.57)

| Ø nom. |  |  |
|-------------------|---|---|
| | kN ²⁾ | kN ²⁾ |
| 3.2 mm (1/8") | 1.0 | 1.1 |
| 4.0 mm (5/32") | 1.4 | 1.4 |
| 4.8 mm (3/16") | 2.2 | 2.0 |
| 6.4 mm (1/4") | 3.8 | 3.3 |

2) typical values / valeurs moyennes / typische Werte / Valori tipici / resistencias máximas recomendadas



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