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**INDUSTRIAL FASTENING SOLUTIONS**

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**ORNIBOLTS**

# INNOVATING

THE FUTURE OF

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# FASTENING

## Company Overview

*Ornit Blind Rivets is a leading manufacturer of high-quality blind rivets, operating from a state-of-the-art facility in Kibbutz Or Haner, Israel.*

With over 40 years of experience, we have built a strong global reputation, supplying innovative fastening solutions to industries such as heavy vehicles, automotive, renewable energy, rail, construction, and beyond.

At Ornit, our core strength lies in our ability to engineer tailor-made solutions that meet the specific needs of our customers. Whether through collaborative development or in-house innovation, we are committed to pushing the boundaries of fastening technology. Our engineering expertise and advanced manufacturing capabilities position Ornit among the leaders in the global fastening industry.



Global Reach & Commitment to Excellence

Ornit serves customers in over 34 countries, offering our products through a network of trusted business partners, local distributors, and online platforms.

When reliability matters, look for the Ornit brand - your trusted partner for fastening solutions.

Quality is at the heart of everything we do. Over the years, we have faced and overcome complex challenges, reinforcing our belief in uncompromising quality. Today, quality is deeply embedded in our DNA, ensuring that every Ornit product meets the highest industry benchmarks.

Let Ornit Blind Rivets be your partner in strength, reliability, and innovation.

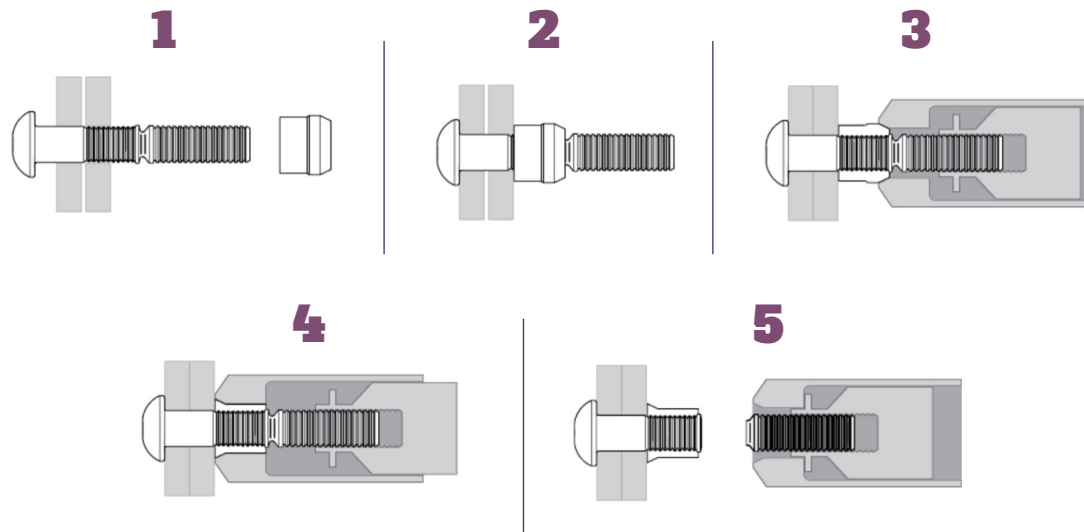


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How it works



Part Number Identification

A C6L B R 8 - 4 G

- FINISH** G= Zinc Coating
- GRIP RANGE** See Grip Data Chart
- DIAMETER** 6 = 4.8 | 8 = 6.4 | 10 = 8.0 | 12 = 9.5
- MATERIAL** R= Carbon Steel | C = Aluminium | U = Stainless Steel
- STYLE** T= Truss Head | B= Brazier Head | 90= Flush Head

2 LC - R 8 G

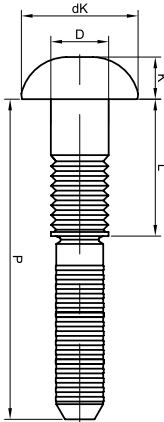
- FINISH** G= Zinc
- DIAMETER** in 1/32" increments
- MATERIAL** R= Carbon Steel | F = 6061 Alum. Alloy heat treated | I = 6061 Alum. alloy | CU= cres Steel
- Lock Collar**
- TYPE** 2=standard, 3=flange



BRAZIER HEAD

Pin: Carbon Steel

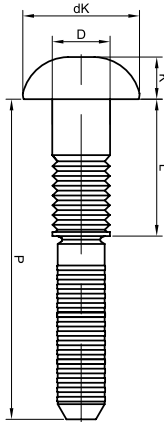
| Diameter<br>(mm) | Part No.     | Grip Range(mm) |      | Drill<br>Size(mm) | L±0.8(mm) | P(mm) | D(mm)    | Tensile(N) | Shear(N) | dK(mm)  | K(mm)    |
|------------------|--------------|----------------|------|-------------------|-----------|-------|----------|------------|----------|---------|----------|
|                  |              | min            | max  |                   |           | min   |          | min        |          |         |          |
| d=4.8            | AC6LB-R6-2G  | 1.6            | 4.8  | 5                 | 10        | 35.7  | 4.85+0.1 | 7342       | 7676     | 9.5±0.5 | 3.2/-0.3 |
|                  | AC6LB-R6-3G  | 3.2            | 6.4  |                   | 11.6      | 37.3  |          |            |          |         |          |
|                  | AC6LB-R6-4G  | 4.8            | 8    |                   | 13.2      | 38.9  |          |            |          |         |          |
|                  | AC6LB-R6-5G  | 6.4            | 9.6  |                   | 14.8      | 40.5  |          |            |          |         |          |
|                  | AC6LB-R6-6G  | 8              | 11.2 |                   | 16.4      | 42    |          |            |          |         |          |
|                  | AC6LB-R6-7G  | 9.6            | 12.7 |                   | 18        | 43.6  |          |            |          |         |          |
|                  | AC6LB-R6-8G  | 11.2           | 14.3 |                   | 19.6      | 45.2  |          |            |          |         |          |
|                  | AC6LB-R6-9G  | 12.7           | 15.9 |                   | 21.2      | 46.8  |          |            |          |         |          |
|                  | AC6LB-R6-10G | 14.3           | 17.5 |                   | 22.8      | 48.4  |          |            |          |         |          |
|                  | AC6LB-R6-11G | 15.9           | 19.1 |                   | 24.3      | 50    |          |            |          |         |          |
|                  | AC6LB-R6-12G | 17.5           | 20.7 |                   | 25.8      | 51.5  |          |            |          |         |          |
|                  | AC6LB-R6-13G | 19.1           | 22.3 |                   | 27.4      | 53.1  |          |            |          |         |          |
|                  | AC6LB-R6-14G | 20.7           | 23.9 |                   | 29        | 54.7  |          |            |          |         |          |
|                  | AC6LB-R6-15G | 22.3           | 25.5 |                   | 30.6      | 56.3  |          |            |          |         |          |
|                  | AC6LB-R6-16G | 23.9           | 27.1 |                   | 32.2      | 57.9  |          |            |          |         |          |
|                  | AC6LB-R6-17G | 25.4           | 28.6 |                   | 33.8      | 59.5  |          |            |          |         |          |
|                  | AC6LB-R6-18G | 27             | 30.2 |                   | 35.4      | 61.1  |          |            |          |         |          |
|                  | AC6LB-R6-19G | 28.6           | 31.8 |                   | 37        | 62.7  |          |            |          |         |          |
|                  | AC6LB-R6-20G | 30.2           | 33.4 |                   | 38.6      | 64.3  |          |            |          |         |          |



BRAZIER HEAD

Pin: Carbon Steel

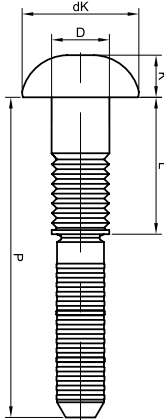
| Diameter<br>(mm) | Part No.     | Grip Range(mm) |      | Drill<br>Size(mm) | L±0.8(mm) | P(mm) | D(mm)     | Tensile(N) | Shear(N) | dK(mm)   | K(mm)    |
|------------------|--------------|----------------|------|-------------------|-----------|-------|-----------|------------|----------|----------|----------|
|                  |              | min            | max  |                   |           | min   |           | min        |          |          |          |
| d=6.4            | AC6LB-R8-2G  | 1.6            | 4.8  | 6.6               | 12.3      | 38.6  | 6.45+0.12 | 11340      | 13500    | 12.6±0.5 | 3.65±0.2 |
|                  | AC6LB-R8-3G  | 3.2            | 6.4  |                   | 13.9      | 40.2  |           |            |          |          |          |
|                  | AC6LB-R8-4G  | 4.8            | 8    |                   | 15.5      | 41.8  |           |            |          |          |          |
|                  | AC6LB-R8-5G  | 6.4            | 9.6  |                   | 17.1      | 43.4  |           |            |          |          |          |
|                  | AC6LB-R8-6G  | 8              | 11.2 |                   | 18.7      | 45    |           |            |          |          |          |
|                  | AC6LB-R8-7G  | 9.6            | 12.7 |                   | 20.3      | 46.6  |           |            |          |          |          |
|                  | AC6LB-R8-8G  | 11.2           | 14.3 |                   | 21.9      | 48.2  |           |            |          |          |          |
|                  | AC6LB-R8-9G  | 12.7           | 15.9 |                   | 23.5      | 49.8  |           |            |          |          |          |
|                  | AC6LB-R8-10G | 14.3           | 17.5 |                   | 25        | 51.4  |           |            |          |          |          |
|                  | AC6LB-R8-11G | 15.9           | 19.1 |                   | 26.6      | 53    |           |            |          |          |          |
|                  | AC6LB-R8-12G | 17.5           | 20.7 |                   | 28.2      | 54.5  |           |            |          |          |          |
|                  | AC6LB-R8-13G | 19.1           | 22.3 |                   | 29.8      | 56.1  |           |            |          |          |          |
|                  | AC6LB-R8-14G | 20.7           | 23.9 |                   | 31.4      | 57.7  |           |            |          |          |          |
|                  | AC6LB-R8-15G | 22.3           | 25.5 |                   | 33        | 59.3  |           |            |          |          |          |
|                  | AC6LB-R8-16G | 23.9           | 27.1 |                   | 34.6      | 60.9  |           |            |          |          |          |
|                  | AC6LB-R8-17G | 25.4           | 28.6 |                   | 36.1      | 62.4  |           |            |          |          |          |
|                  | AC6LB-R8-18G | 27             | 30.2 |                   | 37.7      | 64    |           |            |          |          |          |
|                  | AC6LB-R8-19G | 28.6           | 31.8 |                   | 39.3      | 65.6  |           |            |          |          |          |
|                  | AC6LB-R8-20G | 30.2           | 33.4 |                   | 40.9      | 67.2  |           |            |          |          |          |



BRAZIER HEAD

Pin: Carbon Steel

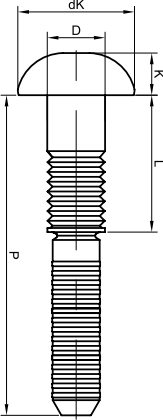
| Diameter<br>(mm) | Part No.      | Grip Range(mm) |      | Drill<br>Size(mm) | L±0.8(mm) | P(mm) | D(mm)     | Tensile(N) | Shear(N) | dK(mm)   | K(mm)         |
|------------------|---------------|----------------|------|-------------------|-----------|-------|-----------|------------|----------|----------|---------------|
|                  |               | min            | max  |                   |           | min   |           | min        |          |          |               |
| d=8.0            | AC6LB-R10-4G  | 3.2            | 9.5  | 8.2               | 19        | 48.5  | 8.05 +012 | 11340      | 13500    | 12.6±0.5 | 3.65±0.2      |
|                  | AC6LB-R10-6G  | 6.4            | 12.7 |                   | 22.2      | 51.7  |           |            |          |          |               |
|                  | AC6LB-R10-8G  | 9.5            | 15.9 |                   | 25.4      | 54.9  |           |            |          |          |               |
|                  | AC6LB-R10-10G | 12.7           | 19   |                   | 28.5      | 58    |           |            |          |          |               |
|                  | AC6LB-R10-12G | 15.9           | 22.2 |                   | 31.7      | 61.2  |           |            |          |          |               |
|                  | AC6LB-R10-14G | 19             | 25.4 |                   | 34.9      | 64.4  |           |            |          |          |               |
|                  | AC6LB-R10-16G | 22.2           | 28.6 |                   | 38.1      | 67.6  |           |            |          |          |               |
|                  | AC6LB-R10-18G | 25.4           | 31.8 |                   | 41.2      | 70.7  |           |            |          |          |               |
|                  | AC6LB-R10-20G | 28.6           | 34.9 |                   | 44.4      | 73.9  |           |            |          |          |               |
| d=9.5            | AC6LB-R12-4G  | 3.2            | 9.5  | 9.8               | 20.5      | 53.9  | 9.65+0.12 | 25000      | 30337    | 19±0.9   | 5.9 +0.4/-0.3 |
|                  | AC6LB-R12-6G  | 6.4            | 12.7 |                   | 23.7      | 57    |           |            |          |          |               |
|                  | AC6LB-R12-8G  | 9.5            | 15.9 |                   | 26.9      | 60.2  |           |            |          |          |               |
|                  | AC6LB-R12-10G | 12.7           | 19   |                   | 30        | 63.4  |           |            |          |          |               |
|                  | AC6LB-R12-12G | 15.9           | 22.2 |                   | 33.2      | 66.6  |           |            |          |          |               |
|                  | AC6LB-R12-14G | 19             | 25.4 |                   | 36.4      | 69.7  |           |            |          |          |               |
|                  | AC6LB-R12-16G | 22.2           | 28.6 |                   | 39.6      | 72.9  |           |            |          |          |               |
|                  | AC6LB-R12-18G | 25.4           | 31.8 |                   | 42.7      | 76    |           |            |          |          |               |
|                  | AC6LB-R12-20G | 28.6           | 34.9 |                   | 45.9      | 79.2  |           |            |          |          |               |



BRAZIER HEAD Stainless Steel

Pin: Stainless Steel 300 Series

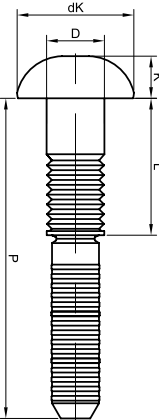
| Diameter<br>(mm) | Part No.    | Grip Range(mm) |      | Drill<br>Size(mm) | L±0.8(mm) | P(mm) | D(mm)      | Tensile(N) | Shear(N) | dK(mm)  | K(mm)    |
|------------------|-------------|----------------|------|-------------------|-----------|-------|------------|------------|----------|---------|----------|
|                  |             | min            | max  |                   |           | min   |            | min        |          |         |          |
| d=4.8            | AC6LB-U6-2  | 1.6            | 4.8  | 5                 | 10        | 35.7  | 4.85 + 0.1 | 6475       | 8900     | 9.5±0.5 | 3.2/-0.3 |
|                  | AC6LB-U6-3  | 3.2            | 6.4  |                   | 11.6      | 37.3  |            |            |          |         |          |
|                  | AC6LB-U6-4  | 4.8            | 8    |                   | 13.2      | 38.9  |            |            |          |         |          |
|                  | AC6LB-U6-5  | 6.4            | 9.6  |                   | 14.8      | 40.5  |            |            |          |         |          |
|                  | AC6LB-U6-6  | 8              | 11.2 |                   | 16.4      | 42    |            |            |          |         |          |
|                  | AC6LB-U6-7  | 9.6            | 12.7 |                   | 18        | 43.6  |            |            |          |         |          |
|                  | AC6LB-U6-8  | 11.2           | 14.3 |                   | 19.6      | 45.2  |            |            |          |         |          |
|                  | AC6LB-U6-9  | 12.7           | 15.9 |                   | 21.2      | 46.8  |            |            |          |         |          |
|                  | AC6LB-U6-10 | 14.3           | 17.5 |                   | 22.8      | 48.4  |            |            |          |         |          |
|                  | AC6LB-U6-11 | 15.9           | 19.1 |                   | 24.3      | 50    |            |            |          |         |          |
|                  | AC6LB-U6-12 | 17.5           | 20.7 |                   | 25.8      | 51.5  |            |            |          |         |          |
|                  | AC6LB-U6-13 | 19.1           | 22.3 |                   | 27.4      | 53.1  |            |            |          |         |          |
|                  | AC6LB-U6-14 | 20.7           | 23.9 |                   | 29        | 54.7  |            |            |          |         |          |
|                  | AC6LB-U6-15 | 22.3           | 25.5 |                   | 30.6      | 56.3  |            |            |          |         |          |
|                  | AC6LB-U6-16 | 23.9           | 27.1 |                   | 32.2      | 57.9  |            |            |          |         |          |
|                  | AC6LB-U6-17 | 25.4           | 28.6 |                   | 33.8      | 59.5  |            |            |          |         |          |
|                  | AC6LB-U6-18 | 27             | 30.2 |                   | 35.4      | 61.1  |            |            |          |         |          |
|                  | AC6LB-U6-19 | 28.6           | 31.8 |                   | 37        | 62.7  |            |            |          |         |          |
|                  | AC6LB-U6-20 | 30.2           | 33.4 |                   | 38.6      | 64.3  |            |            |          |         |          |



**BRAZIER HEAD** Stainless Steel

Pin: Stainless Steel 300 Series

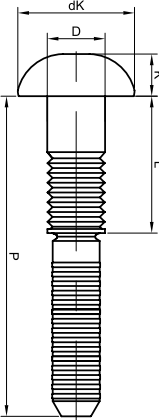
| Diameter<br>(mm) | Part No.    | Grip Range(mm) |      | Drill<br>Size(mm) | L±0.8(mm) | P(mm) | D(mm)     | Tensile(N) | Shear(N) | dK(mm)   | K(mm)    |
|------------------|-------------|----------------|------|-------------------|-----------|-------|-----------|------------|----------|----------|----------|
|                  |             | min            | max  |                   |           | min   |           | min        |          |          |          |
| d=6.4            | AC6LB-U8-2  | 1.6            | 4.8  | 6.6               | 12.3      | 38.6  | 6.45+0.12 | 16688      | 15798    | 12.6±0.5 | 3.65±0.2 |
|                  | AC6LB-U8-3  | 3.2            | 6.4  |                   | 13.9      | 40.2  |           |            |          |          |          |
|                  | AC6LB-U8-4  | 4.8            | 8    |                   | 15.5      | 41.8  |           |            |          |          |          |
|                  | AC6LB-U8-5  | 6.4            | 9.6  |                   | 17.1      | 43.4  |           |            |          |          |          |
|                  | AC6LB-U8-6  | 8              | 11.2 |                   | 18.7      | 45    |           |            |          |          |          |
|                  | AC6LB-U8-7  | 9.6            | 12.7 |                   | 20.3      | 46.6  |           |            |          |          |          |
|                  | AC6LB-U8-8  | 11.2           | 14.3 |                   | 21.9      | 48.2  |           |            |          |          |          |
|                  | AC6LB-U8-9  | 12.7           | 15.9 |                   | 23.5      | 49.8  |           |            |          |          |          |
|                  | AC6LB-U8-10 | 14.3           | 17.5 |                   | 25        | 51.4  |           |            |          |          |          |
|                  | AC6LB-U8-11 | 15.9           | 19.1 |                   | 26.6      | 53    |           |            |          |          |          |
|                  | AC6LB-U8-12 | 17.5           | 20.7 |                   | 28.2      | 54.5  |           |            |          |          |          |
|                  | AC6LB-U8-13 | 19.1           | 22.3 |                   | 29.8      | 56.1  |           |            |          |          |          |
|                  | AC6LB-U8-14 | 20.7           | 23.9 |                   | 31.4      | 57.7  |           |            |          |          |          |
|                  | AC6LB-U8-15 | 22.3           | 25.5 |                   | 33        | 59.3  |           |            |          |          |          |
|                  | AC6LB-U8-16 | 23.9           | 27.1 |                   | 34.6      | 60.9  |           |            |          |          |          |
|                  | AC6LB-U8-17 | 25.4           | 28.6 |                   | 36.1      | 62.4  |           |            |          |          |          |
|                  | AC6LB-U8-18 | 27             | 30.2 |                   | 37.7      | 64    |           |            |          |          |          |
|                  | AC6LB-U8-19 | 28.6           | 31.8 |                   | 39.3      | 65.6  |           |            |          |          |          |
|                  | AC6LB-U8-20 | 30.2           | 33.4 |                   | 40.9      | 67.2  |           |            |          |          |          |



**BRAZIER HEAD** Stainless Steel

Pin: Stainless Steel 300 Series

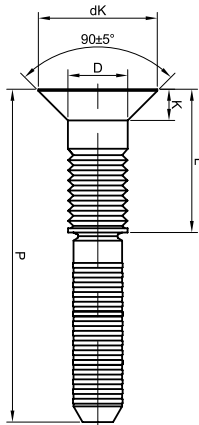
| Diameter<br>(mm) | Part No.     | Grip Range(mm) |      | Drill<br>Size(mm) | L±0.8(mm) | P(mm) | D(mm)     | Tensile(N) | Shear(N) | dK(mm)   | K(mm)         |
|------------------|--------------|----------------|------|-------------------|-----------|-------|-----------|------------|----------|----------|---------------|
|                  |              | min            | max  |                   |           | min   |           | min        |          |          |               |
| d=8.0            | AC6LB-U10-4  | 3.2            | 9.5  | 8.2               | 19        | 48.5  | 8.05+0.12 | 18913      | 24586    | 15.9±0.8 | 4.9 +0.2/-0.3 |
|                  | AC6LB-U10-6  | 6.4            | 12.7 |                   | 22.2      | 51.7  |           |            |          |          |               |
|                  | AC6LB-U10-8  | 9.5            | 15.9 |                   | 25.4      | 54.9  |           |            |          |          |               |
|                  | AC6LB-U10-10 | 12.7           | 19   |                   | 28.5      | 58    |           |            |          |          |               |
|                  | AC6LB-U10-12 | 15.9           | 22.2 |                   | 31.7      | 61.2  |           |            |          |          |               |
|                  | AC6LB-U10-14 | 19             | 25.4 |                   | 34.9      | 64.4  |           |            |          |          |               |
|                  | AC6LB-U10-16 | 22.2           | 28.6 |                   | 38.1      | 67.6  |           |            |          |          |               |
|                  | AC6LB-U10-18 | 25.4           | 31.8 |                   | 41.2      | 70.7  |           |            |          |          |               |
|                  | AC6LB-U10-20 | 28.6           | 34.9 |                   | 44.4      | 73.9  |           |            |          |          |               |
| d=9.5            | AC6LB-U12-4  | 3.2            | 9.5  | 9.8               | 20.5      | 53.9  | 9.65+0.12 | 27145      | 35378    | 19±0.9   | 8.9 +0.4/-0.3 |
|                  | AC6LB-U12-6  | 6.4            | 12.7 |                   | 23.7      | 57    |           |            |          |          |               |
|                  | AC6LB-U12-8  | 9.5            | 15.9 |                   | 26.9      | 60.2  |           |            |          |          |               |
|                  | AC6LB-U12-10 | 12.7           | 19   |                   | 30        | 63.4  |           |            |          |          |               |
|                  | AC6LB-U12-12 | 15.9           | 22.2 |                   | 33.2      | 66.6  |           |            |          |          |               |
|                  | AC6LB-U12-14 | 19             | 25.4 |                   | 36.4      | 69.7  |           |            |          |          |               |
|                  | AC6LB-U12-16 | 22.2           | 28.6 |                   | 39.6      | 72.9  |           |            |          |          |               |
|                  | AC6LB-U12-18 | 25.4           | 31.8 |                   | 42.7      | 76    |           |            |          |          |               |
|                  | AC6LB-U12-20 | 28.6           | 34.9 |                   | 45.9      | 79.2  |           |            |          |          |               |



FLUSH HEAD

Pin: Carbon Steel

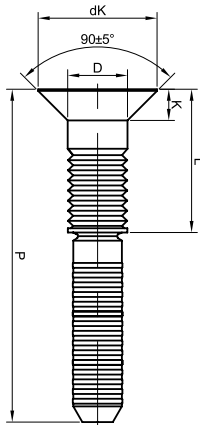
| Diameter<br>(mm) | Part No.      | Grip Range(mm) |      | Drill<br>Size(mm) | L±0.8(mm) | P(mm) | D(mm)    | Tensile(N) | Shear(N) | dK(mm) | K(mm)    |
|------------------|---------------|----------------|------|-------------------|-----------|-------|----------|------------|----------|--------|----------|
|                  |               | min            | max  |                   |           | min   |          | min        | min      |        |          |
| d=4.8            | AC6L90-R6-2G  | 1.6            | 4.8  | 5                 | 10        | 35.7  | 4.85+0.1 | 7342       | 7676     | 9/-0.7 | 1.9-2.16 |
|                  | AC6L90-R6-3G  | 3.2            | 6.4  |                   | 11.6      | 37.3  |          |            |          |        |          |
|                  | AC6L90-R6-4G  | 4.8            | 8    |                   | 13.2      | 38.9  |          |            |          |        |          |
|                  | AC6L90-R6-5G  | 6.4            | 9.6  |                   | 14.8      | 40.5  |          |            |          |        |          |
|                  | AC6L90-R6-6G  | 8              | 11.2 |                   | 16.4      | 42    |          |            |          |        |          |
|                  | AC6L90-R6-7G  | 9.6            | 12.7 |                   | 18        | 43.6  |          |            |          |        |          |
|                  | AC6L90-R6-8G  | 11.2           | 14.3 |                   | 19.6      | 45.2  |          |            |          |        |          |
|                  | AC6L90-R6-9G  | 12.7           | 15.9 |                   | 21.2      | 46.8  |          |            |          |        |          |
|                  | AC6L90-R6-10G | 14.3           | 17.5 |                   | 22.8      | 48.4  |          |            |          |        |          |
|                  | AC6L90-R6-11G | 15.9           | 19.1 |                   | 24.3      | 50    |          |            |          |        |          |
|                  | AC6L90-R6-12G | 17.5           | 20.7 |                   | 25.8      | 51.5  |          |            |          |        |          |
|                  | AC6L90-R6-13G | 19.1           | 22.3 |                   | 27.4      | 53.1  |          |            |          |        |          |
|                  | AC6L90-R6-14G | 20.7           | 23.9 |                   | 29        | 54.7  |          |            |          |        |          |
|                  | AC6L90-R6-15G | 22.3           | 25.5 |                   | 30.6      | 56.3  |          |            |          |        |          |
|                  | AC6L90-R6-16G | 23.9           | 27.1 |                   | 32.2      | 57.9  |          |            |          |        |          |
|                  | AC6L90-R6-17G | 25.4           | 28.6 |                   | 33.8      | 59.5  |          |            |          |        |          |
|                  | AC6L90-R6-18G | 27             | 30.2 |                   | 35.4      | 61.1  |          |            |          |        |          |
|                  | AC6L90-R6-19G | 28.6           | 31.8 |                   | 37        | 62.7  |          |            |          |        |          |
|                  | AC6L90-R6-20G | 30.2           | 33.4 |                   | 38.6      | 64.3  |          |            |          |        |          |



FLUSH HEAD

Pin: Carbon Steel

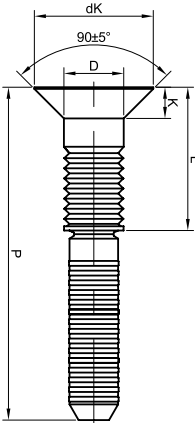
| Diameter<br>(mm) | Part No.      | Grip Range(mm) |      | Drill<br>Size(mm) | L±0.8(mm) | P(mm) | D(mm)     | Tensile(N) | Shear(N) | dK(mm)     | K(mm)        |
|------------------|---------------|----------------|------|-------------------|-----------|-------|-----------|------------|----------|------------|--------------|
|                  |               | min            | max  |                   |           | min   |           | min        | min      |            |              |
| d=6.4            | AC6L90-R8-2G  | 1.6            | 4.8  | 6.6               | 12.3      | 38.6  | 6.45+0.12 | 11340      | 13500    | 12 +0/-0.9 | 2.87 +0/-0.3 |
|                  | AC6L90-R8-3G  | 3.2            | 6.4  |                   | 13.9      | 40.2  |           |            |          |            |              |
|                  | AC6L90-R8-4G  | 4.8            | 8    |                   | 15.5      | 41.8  |           |            |          |            |              |
|                  | AC6L90-R8-5G  | 6.4            | 9.6  |                   | 17.1      | 43.4  |           |            |          |            |              |
|                  | AC6L90-R8-6G  | 8              | 11.2 |                   | 18.7      | 45    |           |            |          |            |              |
|                  | AC6L90-R8-7G  | 9.6            | 12.7 |                   | 20.3      | 46.6  |           |            |          |            |              |
|                  | AC6L90-R8-8G  | 11.2           | 14.3 |                   | 21.9      | 48.2  |           |            |          |            |              |
|                  | AC6L90-R8-9G  | 12.7           | 15.9 |                   | 23.5      | 49.8  |           |            |          |            |              |
|                  | AC6L90-R8-10G | 14.3           | 17.5 |                   | 25        | 51.4  |           |            |          |            |              |
|                  | AC6L90-R8-11G | 15.9           | 19.1 |                   | 26.6      | 53    |           |            |          |            |              |
|                  | AC6L90-R8-12G | 17.5           | 20.7 |                   | 28.2      | 54.5  |           |            |          |            |              |
|                  | AC6L90-R8-13G | 19.1           | 22.3 |                   | 29.8      | 56.1  |           |            |          |            |              |
|                  | AC6L90-R8-14G | 20.7           | 23.9 |                   | 31.4      | 57.7  |           |            |          |            |              |
|                  | AC6L90-R8-15G | 22.3           | 25.5 |                   | 33        | 59.3  |           |            |          |            |              |
|                  | AC6L90-R8-16G | 23.9           | 27.1 |                   | 34.6      | 60.9  |           |            |          |            |              |
|                  | AC6L90-R8-17G | 25.4           | 28.6 |                   | 36.1      | 62.4  |           |            |          |            |              |
|                  | AC6L90-R8-18G | 27             | 30.2 |                   | 37.7      | 64    |           |            |          |            |              |
|                  | AC6L90-R8-19G | 28.6           | 31.8 |                   | 39.3      | 65.6  |           |            |          |            |              |
|                  | AC6L90-R8-20G | 30.2           | 33.4 |                   | 40.9      | 67.2  |           |            |          |            |              |



FLUSH HEAD

Pin: Carbon Steel

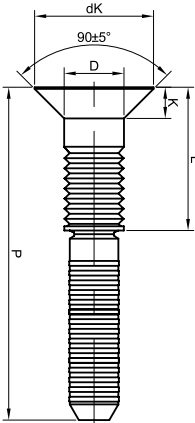
| Diameter<br>(mm) | Part No.       | Grip Range(mm) |      | Drill<br>Size(mm) | L±0.8(mm) | P(mm) | D(mm)     | Tensile(N) | Shear(N) | dK(mm)  | K(mm)    |
|------------------|----------------|----------------|------|-------------------|-----------|-------|-----------|------------|----------|---------|----------|
|                  |                | min            | max  |                   |           | min   |           | min        |          |         |          |
| d=8.0            | AC6L90-R10-4G  | 3.2            | 9.5  | 8.2               | 19        | 48.5  | 8.05+0.12 | 17390      | 21000    | 15/-1.1 | 3.6/-0.4 |
|                  | AC6L90-R10-6G  | 6.4            | 12.7 |                   | 22.2      | 51.7  |           |            |          |         |          |
|                  | AC6L90-R10-8G  | 9.5            | 15.9 |                   | 25.4      | 54.9  |           |            |          |         |          |
|                  | AC6L90-R10-10G | 12.7           | 19   |                   | 28.5      | 58    |           |            |          |         |          |
|                  | AC6L90-R10-12G | 15.9           | 22.2 |                   | 31.7      | 61.2  |           |            |          |         |          |
|                  | AC6L90-R10-14G | 19             | 25.4 |                   | 34.9      | 64.4  |           |            |          |         |          |
|                  | AC6L90-R10-16G | 22.2           | 28.6 |                   | 38.1      | 67.6  |           |            |          |         |          |
|                  | AC6L90-R10-18G | 25.4           | 31.8 |                   | 41.2      | 70.7  |           |            |          |         |          |
|                  | AC6L90-R10-20G | 28.6           | 34.9 |                   | 44.4      | 73.9  |           |            |          |         |          |
| d=9.5            | AC6L90-R12-4G  | 3.2            | 9.5  | 9.8               | 20.5      | 53.9  | 9.65+0.12 | 25000      | 30337    | 18/-1.3 | 4.3/-0.4 |
|                  | AC6L90-R12-6G  | 6.4            | 12.7 |                   | 23.7      | 57    |           |            |          |         |          |
|                  | AC6L90-R12-8G  | 9.5            | 15.9 |                   | 26.9      | 60.2  |           |            |          |         |          |
|                  | AC6L90-R12-10G | 12.7           | 19   |                   | 30        | 63.4  |           |            |          |         |          |
|                  | AC6L90-R12-12G | 15.9           | 22.2 |                   | 33.2      | 66.6  |           |            |          |         |          |
|                  | AC6L90-R12-14G | 19             | 25.4 |                   | 36.4      | 69.7  |           |            |          |         |          |
|                  | AC6L90-R12-16G | 22.2           | 28.6 |                   | 39.6      | 72.9  |           |            |          |         |          |
|                  | AC6L90-R12-18G | 25.4           | 31.8 |                   | 42.7      | 76    |           |            |          |         |          |
|                  | AC6L90-R12-20G | 28.6           | 34.9 |                   | 45.9      | 79.2  |           |            |          |         |          |



FLUSH HEAD Stainless Steel

Pin: Stainless Steel 300 Series

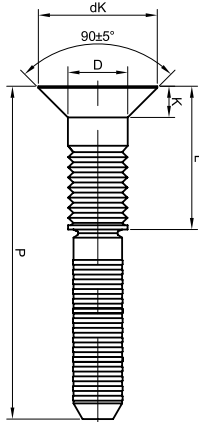
| Diameter<br>(mm) | Part No.      | Grip Range(mm) |      | Drill<br>Size(mm) | L±0.8(mm) | P(mm) | D(mm)    | Tensile(N) | Shear(N) | dK(mm) | K(mm)    |
|------------------|---------------|----------------|------|-------------------|-----------|-------|----------|------------|----------|--------|----------|
|                  |               | min            | max  |                   |           | min   |          | min        |          |        |          |
| d=4.8            | AC6L90-R6-2G  | 1.6            | 4.8  | 5                 | 10        | 35.7  | 4.85+0.1 | 7342       | 7676     | 9/-0.7 | 1.9-2.16 |
|                  | AC6L90-R6-3G  | 3.2            | 6.4  |                   | 11.6      | 37.3  |          |            |          |        |          |
|                  | AC6L90-R6-4G  | 4.8            | 8    |                   | 13.2      | 38.9  |          |            |          |        |          |
|                  | AC6L90-R6-5G  | 6.4            | 9.6  |                   | 14.8      | 40.5  |          |            |          |        |          |
|                  | AC6L90-R6-6G  | 8              | 11.2 |                   | 16.4      | 42    |          |            |          |        |          |
|                  | AC6L90-R6-7G  | 9.6            | 12.7 |                   | 18        | 43.6  |          |            |          |        |          |
|                  | AC6L90-R6-8G  | 11.2           | 14.3 |                   | 19.6      | 45.2  |          |            |          |        |          |
|                  | AC6L90-R6-9G  | 12.7           | 15.9 |                   | 21.2      | 46.8  |          |            |          |        |          |
|                  | AC6L90-R6-10G | 14.3           | 17.5 |                   | 22.8      | 48.4  |          |            |          |        |          |
|                  | AC6L90-R6-11G | 15.9           | 19.1 |                   | 24.3      | 50    |          |            |          |        |          |
|                  | AC6L90-R6-12G | 17.5           | 20.7 |                   | 25.8      | 51.5  |          |            |          |        |          |
|                  | AC6L90-R6-13G | 19.1           | 22.3 |                   | 27.4      | 53.1  |          |            |          |        |          |
|                  | AC6L90-R6-14G | 20.7           | 23.9 |                   | 29        | 54.7  |          |            |          |        |          |
|                  | AC6L90-R6-15G | 22.3           | 25.5 |                   | 30.6      | 56.3  |          |            |          |        |          |
|                  | AC6L90-R6-16G | 23.9           | 27.1 |                   | 32.2      | 57.9  |          |            |          |        |          |
|                  | AC6L90-R6-17G | 25.4           | 28.6 |                   | 33.8      | 59.5  |          |            |          |        |          |
|                  | AC6L90-R6-18G | 27             | 30.2 |                   | 35.4      | 61.1  |          |            |          |        |          |
|                  | AC6L90-R6-19G | 28.6           | 31.8 |                   | 37        | 62.7  |          |            |          |        |          |
|                  | AC6L90-R6-20G | 30.2           | 33.4 |                   | 38.6      | 64.3  |          |            |          |        |          |



FLUSH HEAD Stainless Steel

Pin: Stainless Steel 300 Series

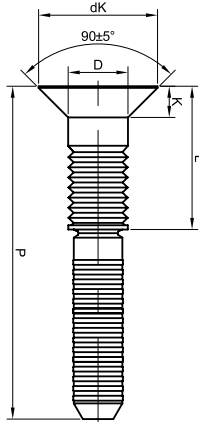
| Diameter<br>(mm) | Part No.     | Grip Range(mm) |      | Drill<br>Size(mm) | L±0.8(mm) | P(mm) | D(mm)    | Tensile(N) | Shear(N) | dK(mm) | K(mm)    |
|------------------|--------------|----------------|------|-------------------|-----------|-------|----------|------------|----------|--------|----------|
|                  |              | min            | max  |                   |           | min   |          | min        | min      |        |          |
| d=4.8            | AC6L90-U6-2  | 1.6            | 4.8  | 5                 | 10        | 35.7  | 4.85+0.1 | 6475       | 8900     | 9/-0.7 | 1.9-2.16 |
|                  | AC6L90-U6-3  | 3.2            | 6.4  |                   | 11.6      | 37.3  |          |            |          |        |          |
|                  | AC6L90-U6-4  | 4.8            | 8    |                   | 13.2      | 38.9  |          |            |          |        |          |
|                  | AC6L90-U6-5  | 6.4            | 9.6  |                   | 14.8      | 40.5  |          |            |          |        |          |
|                  | AC6L90-U6-6  | 8              | 11.2 |                   | 16.4      | 42    |          |            |          |        |          |
|                  | AC6L90-U6-7  | 9.6            | 12.7 |                   | 18        | 43.6  |          |            |          |        |          |
|                  | AC6L90-U6-8  | 11.2           | 14.3 |                   | 19.6      | 45.2  |          |            |          |        |          |
|                  | AC6L90-U6-9  | 12.7           | 15.9 |                   | 21.2      | 46.8  |          |            |          |        |          |
|                  | AC6L90-U6-10 | 14.3           | 17.5 |                   | 22.8      | 48.4  |          |            |          |        |          |
|                  | AC6L90-U6-11 | 15.9           | 19.1 |                   | 24.3      | 50    |          |            |          |        |          |
|                  | AC6L90-U6-12 | 17.5           | 20.7 |                   | 25.8      | 51.5  |          |            |          |        |          |
|                  | AC6L90-U6-13 | 19.1           | 22.3 |                   | 27.4      | 53.1  |          |            |          |        |          |
|                  | AC6L90-U6-14 | 20.7           | 23.9 |                   | 29        | 54.7  |          |            |          |        |          |
|                  | AC6L90-U6-15 | 22.3           | 25.5 |                   | 30.6      | 56.3  |          |            |          |        |          |
|                  | AC6L90-U6-16 | 23.9           | 27.1 |                   | 32.2      | 57.9  |          |            |          |        |          |
|                  | AC6L90-U6-17 | 25.4           | 28.6 |                   | 33.8      | 59.5  |          |            |          |        |          |
|                  | AC6L90-U6-18 | 27             | 30.2 |                   | 35.4      | 61.1  |          |            |          |        |          |
|                  | AC6L90-U6-19 | 28.6           | 31.8 |                   | 37        | 62.7  |          |            |          |        |          |
|                  | AC6L90-U6-20 | 30.2           | 33.4 |                   | 38.6      | 64.3  |          |            |          |        |          |



FLUSH HEAD Stainless Steel

Pin: Stainless Steel 300 Series

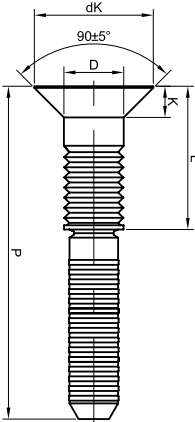
| Diameter<br>(mm) | Part No.     | Grip Range(mm) |      | Drill<br>Size(mm) | L±0.8(mm) | P(mm) | D(mm)     | Tensile(N) | Shear(N) | dK(mm)     | K(mm)        |
|------------------|--------------|----------------|------|-------------------|-----------|-------|-----------|------------|----------|------------|--------------|
|                  |              | min            | max  |                   |           | min   |           | min        | min      |            |              |
| d=6.4            | AC6L90-U8-2  | 1.6            | 4.8  | 6.6               | 12.3      | 38.6  | 6.45+0.12 | 16688      | 15798    | 12 +0/-0.9 | 2.87 +0/-0.3 |
|                  | AC6L90-U8-3  | 3.2            | 6.4  |                   | 13.9      | 40.2  |           |            |          |            |              |
|                  | AC6L90-U8-4  | 4.8            | 8    |                   | 15.5      | 41.8  |           |            |          |            |              |
|                  | AC6L90-U8-5  | 6.4            | 9.6  |                   | 17.1      | 43.4  |           |            |          |            |              |
|                  | AC6L90-U8-6  | 8              | 11.2 |                   | 18.7      | 45    |           |            |          |            |              |
|                  | AC6L90-U8-7  | 9.6            | 12.7 |                   | 20.3      | 46.6  |           |            |          |            |              |
|                  | AC6L90-U8-8  | 11.2           | 14.3 |                   | 21.9      | 48.2  |           |            |          |            |              |
|                  | AC6L90-U8-9  | 12.7           | 15.9 |                   | 23.5      | 49.8  |           |            |          |            |              |
|                  | AC6L90-U8-10 | 14.3           | 17.5 |                   | 25        | 51.4  |           |            |          |            |              |
|                  | AC6L90-U8-11 | 15.9           | 19.1 |                   | 26.6      | 53    |           |            |          |            |              |
|                  | AC6L90-U8-12 | 17.5           | 20.7 |                   | 28.2      | 54.5  |           |            |          |            |              |
|                  | AC6L90-U8-13 | 19.1           | 22.3 |                   | 29.8      | 56.1  |           |            |          |            |              |
|                  | AC6L90-U8-14 | 20.7           | 23.9 |                   | 31.4      | 57.7  |           |            |          |            |              |
|                  | AC6L90-U8-15 | 22.3           | 25.5 |                   | 33        | 59.3  |           |            |          |            |              |
|                  | AC6L90-U8-16 | 23.9           | 27.1 |                   | 34.6      | 60.9  |           |            |          |            |              |
|                  | AC6L90-U8-17 | 25.4           | 28.6 |                   | 36.1      | 62.4  |           |            |          |            |              |
|                  | AC6L90-U8-18 | 27             | 30.2 |                   | 37.7      | 64    |           |            |          |            |              |
|                  | AC6L90-U8-19 | 28.6           | 31.8 |                   | 39.3      | 65.6  |           |            |          |            |              |
|                  | AC6L90-U8-20 | 30.2           | 33.4 |                   | 40.9      | 67.2  |           |            |          |            |              |



FLUSH HEAD Stainless Steel

Pin: Stainless Steel 300 Series

| Diameter<br>(mm) | Part No.      | Grip Range(mm) |      | Drill<br>Size(mm) | L±0.8(mm) | P(mm) | D(mm)     | Tensile(N) | Shear(N) | dK(mm)  | K(mm)    |
|------------------|---------------|----------------|------|-------------------|-----------|-------|-----------|------------|----------|---------|----------|
|                  |               | min            | max  |                   |           | min   |           | min        |          |         |          |
| d=8.0            | AC6L90-U10-4  | 3.2            | 9.5  | 8.2               | 19        | 48.5  | 8.05+0.12 | 18913      | 24586    | 15/-1.1 | 3.6/-0.4 |
|                  | AC6L90-U10-6  | 6.4            | 12.7 |                   | 22.2      | 51.7  |           |            |          |         |          |
|                  | AC6L90-U10-8  | 9.5            | 15.9 |                   | 25.4      | 54.9  |           |            |          |         |          |
|                  | AC6L90-U10-10 | 12.7           | 19   |                   | 28.5      | 58    |           |            |          |         |          |
|                  | AC6L90-U10-12 | 15.9           | 22.2 |                   | 31.7      | 61.2  |           |            |          |         |          |
|                  | AC6L90-U10-14 | 19             | 25.4 |                   | 34.9      | 64.4  |           |            |          |         |          |
|                  | AC6L90-U10-16 | 22.2           | 28.6 |                   | 38.1      | 67.6  |           |            |          |         |          |
|                  | AC6L90-U10-18 | 25.4           | 31.8 |                   | 41.2      | 70.7  |           |            |          |         |          |
|                  | AC6L90-U10-20 | 28.6           | 34.9 |                   | 44.4      | 73.9  |           |            |          |         |          |
| d=9.5            | AC6L90-U12-4  | 3.2            | 9.5  | 9.8               | 20.5      | 53.9  | 9.65+0.12 | 27145      | 35378    | 18/-1.3 | 4.3/-0.4 |
|                  | AC6L90-U12-6  | 6.4            | 12.7 |                   | 23.7      | 57    |           |            |          |         |          |
|                  | AC6L90-U12-8  | 9.5            | 15.9 |                   | 26.9      | 60.2  |           |            |          |         |          |
|                  | AC6L90-U12-10 | 12.7           | 19   |                   | 30        | 63.4  |           |            |          |         |          |
|                  | AC6L90-U12-12 | 15.9           | 22.2 |                   | 33.2      | 66.6  |           |            |          |         |          |
|                  | AC6L90-U12-14 | 19             | 25.4 |                   | 36.4      | 69.7  |           |            |          |         |          |
|                  | AC6L90-U12-16 | 22.2           | 28.6 |                   | 39.6      | 72.9  |           |            |          |         |          |
|                  | AC6L90-U12-18 | 25.4           | 31.8 |                   | 42.7      | 76    |           |            |          |         |          |
|                  | AC6L90-U12-20 | 28.6           | 34.9 |                   | 45.9      | 79.2  |           |            |          |         |          |

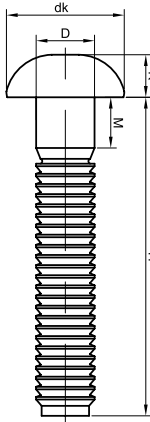


MULTIGRIP

Pin: Carbon Steel/Aluminum Alloy

| Diameter<br>(mm) | Part No.       | Grip Range(mm) |      | Drill<br>Size(mm) | D(mm)     | Tensile(N) | Shear(N) | dK(mm)<br>max | K(mm)<br>max  | H(mm)<br>Mini | M (mm)  |
|------------------|----------------|----------------|------|-------------------|-----------|------------|----------|---------------|---------------|---------------|---------|
|                  |                | min            | max  |                   |           | min        | min      |               |               |               |         |
| d=4.8            | AMGPB-R6-10A   | 1.6            | 15.9 | 5.15              | 4.8 +0.17 | 6200       | 7600     | 9.5+- 0.4     | 3+- 0.2       | 45.7          | 2.0/2.4 |
|                  | AMGPB-R6-20A   | 7.9            | 31.8 |                   |           |            |          |               |               | 60.5          | 7.7/8.2 |
|                  | AMGP98T-R6-10A | 1.6            | 15.9 |                   |           |            |          | 11.9+-0.5     | 2.3+0.35      | 45.1          | 2.0/2.4 |
|                  | AMGP98T-R6-20A | 7.9            | 31.8 |                   |           |            |          |               |               | 59.8          | 7.7/8.2 |
| d=6.4            | AMGPB-R8-10A   | 1.6            | 15.9 | 6.6               | 6.35+0.23 | 13100      | 9780     | 12.5+0.8-0.5  | 3.6+0.26-0.15 | 49.9          | 2.7/3.6 |
|                  | AMGPB-R8-20A   | 7.9            | 31.8 |                   |           |            |          |               |               | 64            | 7.5/8.4 |
|                  | AMGPT-R8-10A   | 1.6            | 15.9 |                   |           |            |          | 14.3+-0.8     | 2.8+-0.2      | 49.9          | 2.7/3.6 |
|                  | AMGPT-R8-20A   | 7.9            | 31.8 |                   |           |            |          |               |               | 64            | 7.5/8.4 |

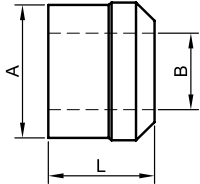
| Diameter<br>(mm) | Part No.      | Grip Range(mm) |      | Drill<br>Size(mm) | D(mm)     | Tensile(N) | Shear(N) | dK(mm)<br>max | K(mm)<br>max  | H(mm)<br>Mini | M (mm)  |
|------------------|---------------|----------------|------|-------------------|-----------|------------|----------|---------------|---------------|---------------|---------|
|                  |               | min            | max  |                   |           | min        | min      |               |               |               |         |
| d=4.8            | AMGPB-E6-10   | 1.6            | 15.9 | 5.15              | 4.8 +0.17 | 4000       | 3300     | 9.5+- 0.4     | 3+- 0.2       | 45.7          | 2.0/2.4 |
|                  | AMGPB-E6-20   | 7.9            | 31.8 |                   |           |            |          |               |               | 60.5          | 7.7/8.2 |
|                  | AMGP98T-E6-10 | 1.6            | 15.9 |                   |           |            |          | 11.9+-0.5     | 2.3+0.35      | 45.7          | 2.0/2.4 |
|                  | AMGP98T-E6-20 | 7.9            | 31.8 |                   |           |            |          |               |               | 60.5          | 7.7/8.2 |
| d=6.4            | AMGPB-E8-10   | 1.6            | 15.9 | 6.6               | 6.35+0.23 | 7200       | 5340     | 12.5+0.8-0.5  | 3.6+0.26-0.15 | 49.9          | 2.7/3.6 |
|                  | AMGPB-E8-20   | 7.9            | 31.8 |                   |           |            |          |               |               | 64            | 7.5/8.4 |
|                  | AMGPT-R8-10   | 1.6            | 15.9 |                   |           |            |          | 14.3+-0.8     | 2.8+-0.2      | 49.9          | 2.7/3.6 |
|                  | AMGPT-R8-20   | 7.9            | 31.8 |                   |           |            |          |               |               | 64            | 7.5/8.4 |



COLLARS

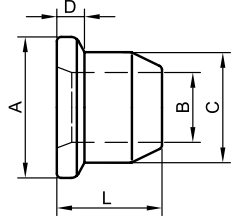
STANDARD

| Diameter (mm) | Part No.            | A(mm)     | B(mm)    | L(mm)     |
|---------------|---------------------|-----------|----------|-----------|
| d=4.8         | 2LC-R6G /2LC-2CU6   | 7.7-7.9   | 4.75-5.0 | 5.5-6.6   |
| d=6.4         | 2LC-R8G /2LC-2CU8   | 10.2-10.4 | 6.5-6.75 | 7.4-8.2   |
| d=8.0         | 2LC-R10G /2LC-2CU10 | 12.3-12.5 | 7.7-7.95 | 8.9-9.7   |
| d=9.5         | 2LC-R12G /2LC-2CU12 | 14.9-15.3 | 9.5-9.9  | 10.9-11.7 |



FLANGE

| Diameter (mm) | Part No.            | A(mm)       | B(mm)     | C(mm)      | D(mm)   | L(mm)     |
|---------------|---------------------|-------------|-----------|------------|---------|-----------|
| d=4.8         | 3LC-R6G /3LC-2CU6   | 9.5±0.4     | 4.75-5.0  | 7.8-8.0    | 0.8-1.6 | 6.35-7.1  |
| d=6.4         | 3LC-R8G /3LC-2CU8   | 12.7±0.4    | 6.5-6.8   | 10.2-10.4  | 1.2-2.0 | 8.86-9.62 |
| d=8.0         | 3LC-R10G /3LC-2CU10 | 15.9±0.4    | 7.72-7.92 | 12.65-12.9 | 1.6-2.4 | 10-10.8   |
| d=9.5         | 3LC-R12G /3LC-2CU12 | 19+0.8/-0.7 | 9.6-9.9   | 15.2-15.5  | 1.6-3.2 | 12.7-13.5 |



# ORNIBOLTS



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## ORNIT BLIND RIVETS

Kibbutz Or-Haner, M.P Hof Ashkelon  
7919000, ISRAEL

**Tel:** +972-8661-0222 | **mail:** [info@ornit.com](mailto:info@ornit.com)

## ORNIT USA

1900 Superior Ave E. #107  
Cleveland, Ohio 44114

**Tel:** +810-845-3250

## ORNIT CHINA

No. 803, Building 2, No. 16, Matangwan Road,  
Suzhou Industrial Park, Suzhou, Jiangsu, China 215000

**Tel:** +86-1525-006-7048