

**TOWER** Fastening  
System



Product Catalogue

2026

Rivets



Jintin Trading Pty Ltd  
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## TOWER Fastening System Rivets Product Catalogue 2026

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## All Aluminium Rivet

Aluminium Body / Aluminium Mandrel

### Dome Head – Open Type



| Material                        | Finish         | Head         | Advantages  | Applications   |
|---------------------------------|----------------|--------------|---|--|
| <b>Body</b><br>Aluminium (5052) | Natural Polish | Dome (Truss) | <ul style="list-style-type: none"> <li>Strong but lower cost fastener</li> <li>Available in variety of materials and ideal for wide range of applications</li> <li>Painted colour finishes available</li> </ul> | <ul style="list-style-type: none"> <li>Office furniture</li> <li>Automotive</li> <li>Building</li> <li>Construction</li> <li>Leather production</li> </ul> |
| <b>Mandrel</b><br>Aluminium     | Natural Polish |              |   |  |

| Dome Head      |          |           | Box Pack |         |            | Hang Pack |           |            |           |
|----------------|----------|-----------|----------|---------|------------|-----------|-----------|------------|-----------|
| Body Size (mm) | Max Grip | Hole Size | Part     | Pack    | Bulk       | Part      | Pack      | Bulk       |           |
| Diameter       | Length   | mm        | mm       | No.     | Qty. (pcs) | Pack Qty. | No.       | Qty. (pcs) | Pack Qty. |
| 3.2<br>(1/8")  | 6        | 3.5       | 3.3-3.4  | AAD4-2  | 1000       | 20        | 10AAD4-2  | 100        | 10        |
|                | 8        | 5.0       |          | AAD4-3  | 1000       | 20        | 10AAD4-3  | 100        | 10        |
|                | 10       | 7.0       |          | AAD4-4  | 1000       | 20        | 10AAD4-4  | 100        | 10        |
|                | 12       | 9.0       |          | AAD4-5  | 1000       | 20        | 10AAD4-5  | 100        | 10        |
|                | 14       | 11.0      |          | AAD4-6  | 1000       | 20        | 10AAD4-6  | 100        | 10        |
|                | 16       | 12.5      |          | AAD4-8  | 1000       | 10        | 10AAD4-8  | 100        | 10        |
|                | 20       | 16.5      |          | AAD4-10 | 1000       | 10        | 10AAD4-10 | 100        | 10        |
|                | 25       | 21.0      |          | AAD4-12 | 1000       | 10        | 10AAD4-12 | 100        | 10        |
| 4.0<br>(5/32") | 8        | 5.0       | 4.1-4.2  | AAD5-2  | 1000       | 10        | 10AAD5-2  | 100        | 10        |
|                | 10       | 6.5       |          | AAD5-3  | 1000       | 10        | 10AAD5-3  | 100        | 10        |
|                | 12       | 8.5       |          | AAD5-4  | 1000       | 10        | 10AAD5-4  | 100        | 10        |
|                | 14       | 10.5      |          | AAD5-5  | 1000       | 10        | 10AAD5-5  | 100        | 10        |
|                | 16       | 12.5      |          | AAD5-6  | 1000       | 10        | 10AAD5-6  | 100        | 10        |
|                | 18       | 14.5      |          | AAD5-8  | 500        | 10        | 10AAD5-8  | 100        | 10        |
|                | 20       | 16.0      |          | AAD5-10 | 500        | 10        | 10AAD5-10 | 100        | 10        |
| 4.8<br>(3/16") | 8        | 4.0       | 4.9-5.0  | AAD6-2  | 500        | 10        | 10AAD6-2  | 100        | 10        |
|                | 10       | 6.0       |          | AAD6-3  | 500        | 10        | 10AAD6-3  | 100        | 10        |
|                | 12       | 8.0       |          | AAD6-4  | 500        | 10        | 10AAD6-4  | 100        | 10        |
|                | 14       | 10.0      |          | AAD6-5  | 500        | 10        | 10AAD6-5  | 100        | 10        |
|                | 16       | 12.0      |          | AAD6-6  | 500        | 10        | 10AAD6-6  | 100        | 10        |
|                | 18       | 14.0      |          | AAD6-8  | 500        | 10        | 10AAD6-8  | 100        | 10        |
|                | 20       | 16.0      |          | AAD6-10 | 250        | 10        | 10AAD6-10 | 50         | 10        |
|                | 25       | 21.0      |          | AAD6-12 | 250        | 10        | 10AAD6-12 | 50         | 10        |

**HIGH STRENGTH (HEM-FIRM)**


|                | Material         | Finish         | Head         | Advantages   |  |  | Applications   |  |  |
|----------------|------------------|----------------|--------------|--|--|--|--|--|--|
| <b>Body</b>    | Aluminium (5052) | Natural Polish | Dome (Truss) | <ul style="list-style-type: none"> <li>Locked, rattle free mandrel</li> <li>Superior shear and tensile strength, soft and brittle materials inclusive</li> <li>Provides excellent integrity*</li> <li>Fills irregular holes</li> </ul> |  |  | <ul style="list-style-type: none"> <li>Automotive industry</li> <li>Truck building</li> <li>Construction work</li> <li>Coach work</li> </ul> |  |  |
| <b>Mandrel</b> | Aluminium        | Natural Polish |              |  |  |  |  |  |  |

| Dome Head      |          |           | Box Pack |          |            |           | Hang Pack  |            |           |
|----------------|----------|-----------|----------|----------|------------|-----------|------------|------------|-----------|
| Body Size (mm) | Max Grip | Hole Size | Part     | Pack     | Bulk       | Part      | Pack       | Bulk       |           |
| Diameter       | Length   | mm        | mm       | No.      | Qty. (pcs) | Pack Qty. | No.        | Qty. (pcs) | Pack Qty. |
| 6.4mm          | 10.5     | 4.5       | 6.6-6.8  | HKAAD8-3 | 250        | 10        | 10HKAAD8-3 | 50         | 10        |
| (1/4")         | 14.5     | 8.5       |          | HKAAD8-5 | 250        | 10        | 10HKAAD8-5 | 50         | 10        |

**ANLOCK RIVET (MEGA LOCK)**


Anlock Blind Rivets In-Bolt with a multi-grip clamping range and a high tensile and shear strength provides a high resistance to vibrations and a good watertight performance.

|                | Material         | Finish         | Head         | Advantages   |  |  | Applications   |  |  |
|----------------|------------------|----------------|--------------|--|--|--|--|--|--|
| <b>Body</b>    | Aluminium (5052) | Natural Polish | Dome (Truss) | <ul style="list-style-type: none"> <li>High shear and tensile strength</li> <li>Superior holding power (Clamp up)</li> <li>Fastens over wide grip range</li> <li>Locking feature prevents loosening of mandrel from vibration</li> </ul> |  |  | <ul style="list-style-type: none"> <li>Automotive industry</li> <li>Truck building</li> <li>Containers</li> <li>Construction work</li> <li>Coach work</li> </ul> |  |  |
| <b>Mandrel</b> | Aluminium        | Natural Polish |              |  |  |  |  |  |  |

| Dome Head      |          |           | Box Pack |           |            |           | Hang Pack   |            |           |
|----------------|----------|-----------|----------|-----------|------------|-----------|-------------|------------|-----------|
| Body Size (mm) | Max Grip | Hole Size | Part     | Pack      | Bulk       | Part      | Pack        | Bulk       |           |
| Diameter       | Length   | mm        | mm       | No.       | Qty. (pcs) | Pack Qty. | No.         | Qty. (pcs) | Pack Qty. |
| 4.8mm          | 10       | 6.9       | 4.9-5.1  | ANAAD6-4  | 500        | 10        | 10ANAAD6-4  | 100        | 10        |
| (3/16")        | 14       | 11.0      |          | ANAAD6-6  | 500        | 10        | 10ANAAD6-6  | 100        | 10        |
| 6.4mm          | 14       | 9.5       | 6.7-6.9  | ANAAD8-6  | 250        | 10        | 10ANAAD8-6  | 50         | 10        |
| (1/4")         | 20       | 15.8      |          | ANAAD8-10 | 250        | 10        | 10ANAAD8-10 | 50         | 10        |

## Dome Head – Open Type



### BULB-TITE (TRI-FIRM)

A bulb tite blind rivet provides a 'Y' shaped split tail formation, providing a large blind side bearing area. This will also provide a relatively high resistance to pull out loads.

| Material                        | Finish         | Head         | Advantages  | Applications  |
|---------------------------------|----------------|--------------|---|---|
| <b>Body</b><br>Aluminium (5052) | Natural Polish | Dome (Truss) | <ul style="list-style-type: none"> <li>Resists pull-out and cracking the work piece</li> <li>Extra large secondary head provides more bearing surface</li> <li>With the wide spreading tail, this rivet has a greater tolerance of oversized holes and offer a wide grip range</li> </ul> | <ul style="list-style-type: none"> <li>Soft Material such as wood</li> <li>Insulation</li> <li>Plastic</li> <li>Plaster boards</li> </ul> |
| <b>Mandrel</b><br>Aluminium     | Natural Polish |              |   |   |

| Dome Head        |        |          | Box Pack  |          |            | Hang Pack |            |            |           |
|------------------|--------|----------|-----------|----------|------------|-----------|------------|------------|-----------|
| Body Size (mm)   |        | Max Grip | Hole Size | Part     | Pack       | Bulk      | Part       | Pack       | Bulk      |
| Diameter         | Length | mm       | mm        | No.      | Qty. (pcs) | Pack Qty. | No.        | Qty. (pcs) | Pack Qty. |
| 4.0mm<br>(5/32") | 14.0   | 3.0      | 4.2-4.5   | AADB5-2  | 1000       | 10        | 10AADB5-2  | 100        | 10        |
|                  | 18.8   | 7.5      |           | AADB5-4  | 500        | 10        | 10AADB5-4  | 100        | 10        |
|                  | 20.8   | 9.5      |           | AADB5-6  | 500        | 10        | 10AADB5-6  | 100        | 10        |
|                  | 25.0   | 13.0     |           | AADB5-8  | 500        | 10        | 10AADB5-8  | 100        | 10        |
| 4.8mm<br>(3/16") | 18.0   | 6.0      | 5.0-5.3   | AADB6-4  | 500        | 10        | 10AADB6-4  | 100        | 10        |
|                  | 25.0   | 12.5     |           | AADB6-8  | 250        | 10        | 10AADB6-8  | 50         | 10        |
|                  | 31.0   | 18.5     |           | AADB6-12 | 250        | 10        | 10AADB6-12 | 50         | 10        |

**Dome Head – Open Type**

**BULB-TITE (TRI-FIRM) WITH NEO (WATERPROOF)**

|                | Material         | Finish         | Head                       | Advantages  | Applications  |
|----------------|------------------|----------------|----------------------------|---|---|
| <b>Body</b>    | Aluminium (5052) | Natural Polish | Dome (Truss) with EPDM NEO | <ul style="list-style-type: none"> <li>Resists pull-out and cracking the work piece</li> <li>Extra large secondary head provides more bearing surface</li> <li>With the wide spreading tail, this rivet has a greater tolerance of oversized holes and offer a wide grip range</li> </ul> | <ul style="list-style-type: none"> <li>Soft Material such as wood</li> <li>Insulation</li> <li>Plastic</li> <li>Plaster boards</li> </ul> |
| <b>Mandrel</b> | Aluminium        | Natural Polish |                            |   |   |

| Dome Head         |        |          |           | Box Pack   |            |           | Hang Pack    |            |           |
|-------------------|--------|----------|-----------|------------|------------|-----------|--------------|------------|-----------|
| Body Size (mm)    |        | Max Grip | Hole Size | Part       | Pack       | Bulk      | Part         | Pack       | Bulk      |
| Diameter          | Length | mm       | mm        | No.        | Qty. (pcs) | Pack Qty. | No.          | Qty. (pcs) | Pack Qty. |
| 5.2mm<br>(13/64") | 17.5   | 4.8      | 5.3-5.5   | AADBTN6-3  | 500        | 10        | 10AADBTN6-3  | 100        | 10        |
|                   | 19.5   | 6.4      |           | AADBTN6-4  | 500        | 10        | 10AADBTN6-4  | 100        | 10        |
|                   | 22.6   | 9.5      |           | AADBTN6-6  | 250        | 10        | 10AADBTN6-6  | 50         | 10        |
|                   | 25.4   | 12.7     |           | AADBTN6-8  | 250        | 10        | 10AADBTN6-8  | 50         | 10        |
|                   | 29.0   | 15.9     |           | AADBTN6-10 | 250        | 10        | 10AADBTN6-10 | 50         | 10        |
|                   | 32.0   | 19.1     |           | AADBTN6-12 | 250        | 10        | 10AADBTN6-12 | 50         | 10        |
| 6.4mm<br>(1/4")   | 20.5   | 6.4      | 6.5-6.6   | AADBTN8-4  | 250        | 10        | 10AADBTN8-4  | 50         | 10        |
|                   | 23.7   | 9.5      |           | AADBTN8-6  | 250        | 10        | 10AADBTN8-6  | 50         | 10        |
|                   | 26.8   | 12.7     |           | AADBTN8-8  | 200        | 10        | 10AADBTN8-8  | 50         | 10        |
|                   | 30.0   | 15.9     |           | AADBTN8-10 | 200        | 10        | 10AADBTN8-10 | 50         | 10        |

## Countersunk Head – Open Type



### ANLOCK RIVET (MEGA LOCK)

Anlock Blind Rivets In-Bolt with a multi-grip clamping range and a high tensile and shear strength provides a high resistance to vibrations and a good watertight performance.

| Material                        | Finish         | Head        | Advantages   | Applications   |
|---------------------------------|----------------|-------------|--|--|
| <b>Body</b><br>Aluminium (5052) | Natural Polish | Countersunk | <ul style="list-style-type: none"> <li>High shear and tensile strength</li> <li>Superior holding power (Clamp up)</li> <li>Fastens over wide grip range</li> <li>Locking feature prevents loosening of mandrel from vibration</li> </ul> | <ul style="list-style-type: none"> <li>Automotive industry</li> <li>Truck building</li> <li>Containers</li> <li>Construction work</li> <li>Coach work</li> </ul> |
| <b>Mandrel</b><br>Aluminium     | Natural Polish |             |  |  |

| Countersunk Head |        |          | Box Pack  |           |            | Hang Pack |             |            |           |
|------------------|--------|----------|-----------|-----------|------------|-----------|-------------|------------|-----------|
| Body Size (mm)   |        | Max Grip | Hole Size | Part      | Pack       | Bulk      | Part        | Pack       | Bulk      |
| Diameter         | Length | mm       | mm        | No.       | Qty. (pcs) | Pack Qty. | No.         | Qty. (pcs) | Pack Qty. |
| 4.8mm<br>(3/16") | 12     | 8.4      | 4.9-5.1   | ANAAC6-6  | 500        | 10        | 10ANAAC6-6  | 100        | 10        |
| 6.4mm<br>(1/4")  | 16     | 12.1     | 6.7-6.9   | ANAAC8-8  | 250        | 10        | 10ANAAC8-8  | 50         | 10        |
|                  | 23     | 18.4     |           | ANAAC8-12 | 150        | 10        | 10ANAAC8-12 | 50         | 10        |

**Dome Head – Sealed Type**

**WATERPROOF**

|                | Material         | Finish         | Head         | Advantages   |  | Applications  |  |
|----------------|------------------|----------------|--------------|--|--|---|--|
| <b>Body</b>    | Aluminium (5052) | Natural Polish | Dome (Truss) | <ul style="list-style-type: none"> <li>Unique cup shaped end configuration seals tight, preventing passage of vapour or liquid through set rivet.</li> <li>Provides greater tensile and shear strength than equivalent open end</li> <li>Mandrel retention.</li> </ul> |  | <ul style="list-style-type: none"> <li>Coach work</li> <li>Containers</li> <li>Air Conditioning</li> <li>Ship building industry &amp; cladding</li> </ul> |  |
| <b>Mandrel</b> | Aluminium        | Natural Polish |              |  |  |   |  |

| Dome Head        |        |          | Box Pack  |         |            | Hang Pack |           |            |           |
|------------------|--------|----------|-----------|---------|------------|-----------|-----------|------------|-----------|
| Body Size (mm)   |        | Max Grip | Hole Size | Part    | Pack       | Bulk      | Part      | Pack       | Bulk      |
| Diameter         | Length | mm       | mm        | No.     | Qty. (pcs) | Pack Qty. | No.       | Qty. (pcs) | Pack Qty. |
| 3.2mm<br>(1/8")  | 8      | 3.5      | 3.3-3.4   | WAAD4-2 | 1000       | 10        | 10WAAD4-2 | 100        | 10        |
|                  | 12     | 6.5      |           | WAAD4-4 | 1000       | 10        | 10WAAD4-4 | 100        | 10        |
| 4.0mm<br>(5/32") | 12     | 6.5      | 4.1-4.2   | WAAD5-4 | 1000       | 10        | 10WAAD5-4 | 100        | 10        |
|                  | 16     | 10.0     |           | WAAD5-6 | 500        | 10        | 10WAAD5-6 | 100        | 10        |
| 4.8mm<br>(3/16") | 14     | 8.0      | 4.9-5.0   | WAAD6-4 | 500        | 10        | 10WAAD6-4 | 100        | 10        |
|                  | 16     | 11.0     |           | WAAD6-6 | 500        | 10        | 10WAAD6-6 | 100        | 10        |
|                  | 18     | 13.0     |           | WAAD6-8 | 500        | 10        | 10WAAD6-8 | 100        | 10        |

## Large Flange Head – Open Type



### BULB-TITE (TRI-FIRM)

A bulb tite blind rivet provides a 'Y' shaped split tail formation, providing a large blind side bearing area. This will also provide a relatively high resistance to pull out loads.

| Material                        | Finish         | Head         | Advantages  | Applications  |
|---------------------------------|----------------|--------------|---|---|
| <b>Body</b><br>Aluminium (5052) | Natural Polish | Large Flange | <ul style="list-style-type: none"> <li>Resists pull-out and cracking the work piece</li> <li>Extra large secondary head provides more bearing surface</li> <li>With the wide spreading tail, this rivet has a greater tolerance of oversized holes and offer a wide grip range</li> </ul> | <ul style="list-style-type: none"> <li>Soft Material such as wood</li> <li>Insulation</li> <li>Plastic</li> <li>Plaster boards</li> </ul> |
| <b>Mandrel</b><br>Aluminium     | Natural Polish |              |   |   |

| Large Flange Head |        |          | Box Pack  |            |            | Hang Pack |              |            |           |
|-------------------|--------|----------|-----------|------------|------------|-----------|--------------|------------|-----------|
| Body Size (mm)    |        | Max Grip | Hole Size | Part       | Pack       | Bulk      | Part         | Pack       | Bulk      |
| Diameter          | Length | mm       | mm        | No.        | Qty. (pcs) | Pack Qty. | No.          | Qty. (pcs) | Pack Qty. |
| 4.0mm<br>(5/32")  | 20     | 9.5      | 4.2-4.5   | AALBT5-6   | 500        | 10        | 10AALBT5-6   | 100        | 10        |
|                   | 20     | 9.5      |           | AALBT5-6NS | 500        | 10        | 10AALBT5-6NS | 100        | 10        |
|                   | 25     | 13.0     |           | AALBT5-8   | 500        | 10        | 10AALBT5-8   | 100        | 10        |
|                   |        |          |           |            |            |           |              |            |           |
| 4.8mm<br>(3/16")  | 18     | 6.0      |           | AALBT6-4   | 250        | 10        | 10AALBT6-4   | 50         | 10        |
|                   | 21     | 8.5      | 5.1-5.3   | AALBT6-6   | 250        | 10        | 10AALBT6-6   | 50         | 10        |
|                   | 21     | 8.5      |           | AALBT6-6NS | 250        | 10        | 10AALBT6-6NS | 50         | 10        |
|                   | 25     | 12.0     |           | AALBT6-8   | 250        | 10        | 10AALBT6-8   | 50         | 10        |

\*NS – Night Sky (Black)

## Large Flange Head – Open Type



### BULB-TITE (TRI-FIRM) WITH NEO (WATERPROOF)

| Material                        | Finish         | Head          | Advantages  | Applications  |
|---------------------------------|----------------|---------------|---|---|
| <b>Body</b><br>Aluminium (5052) | Natural Polish | Large Flange  | <ul style="list-style-type: none"> <li>Resists pull-out and cracking the work piece</li> </ul>  | <ul style="list-style-type: none"> <li>Soft Material such as wood</li> </ul>                          |
| <b>Mandrel</b><br>Aluminium     | Natural Polish | with EPDM NEO | <ul style="list-style-type: none"> <li>Extra large secondary head provides more bearing surface</li> <li>With the wide spreading tail, this rivet has a greater tolerance of oversized holes and offer a wide grip range</li> </ul> | <ul style="list-style-type: none"> <li>Insulation</li> <li>Plastic</li> <li>Plaster boards</li> </ul> |

| Large Flange Head |        |          |           | Box Pack   |            |           | Hang Pack    |            |           |
|-------------------|--------|----------|-----------|------------|------------|-----------|--------------|------------|-----------|
| Body Size (mm)    |        | Max Grip | Hole Size | Part       | Pack       | Bulk      | Part         | Pack       | Bulk      |
| Diameter          | Length | mm       | mm        | No.        | Qty. (pcs) | Pack Qty. | No.          | Qty. (pcs) | Pack Qty. |
| 7.7<br>(19/64")   | 28     | 9.5      | 7.8-8.2   | AALBTN9-6  | 100        | 10        | 10AALBTN9-6  | 50         | 10        |
|                   | 34     | 15.9     |           | AALBTN9-10 | 100        | 10        | 10AALBTN9-10 | 50         | 10        |

## Aluminium / Steel Rivet

Aluminium (5052) Body / Steel Mandrel

### Dome Head – Open Type



| Material                        | Finish         | Head         | Advantages  | Applications   |
|---------------------------------|----------------|--------------|---|--|
| <b>Body</b><br>Aluminium (5052) | Natural Polish | Dome (Truss) | <ul style="list-style-type: none"> <li>Strong but lower cost fastener</li> <li>Available in variety of materials and ideal for wide range of applications</li> <li>Painted colour finishes available</li> </ul> | <ul style="list-style-type: none"> <li>Office furniture</li> <li>Automotive</li> <li>Building</li> <li>Construction</li> <li>Leather production</li> </ul> |
| <b>Mandrel</b><br>Steel         | Zinc Plated    |              |   |  |

| Dome Head        |        |          | Box Pack  |         |            | Hang Pack |           |            |           |
|------------------|--------|----------|-----------|---------|------------|-----------|-----------|------------|-----------|
| Body Size (mm)   |        | Max Grip | Hole Size | Part    | Pack       | Bulk      | Part      | Pack       | Bulk      |
| Diameter         | Length | mm       | mm        | No.     | Qty. (pcs) | Pack Qty. | No.       | Qty. (pcs) | Pack Qty. |
| 2.4mm<br>(3/32") | 6      | 4.0      | 2.5-2.6   | ASD3-2  | 1000       | 20        | 10ASD3-2  | 100        | 10        |
|                  | 8      | 6.0      |           | ASD3-3  | 1000       | 20        | 10ASD3-3  | 100        | 10        |
|                  | 10     | 8.0      |           | ASD3-4  | 1000       | 20        | 10ASD3-4  | 100        | 10        |
| 3.2mm<br>(1/8")  | 5      | 1.5      | 3.3-3.4   | ASD4-1  | 1000       | 20        | 10ASD4-1  | 100        | 10        |
|                  | 6      | 3.5      |           | ASD4-2  | 1000       | 20        | 10ASD4-2  | 100        | 10        |
|                  | 8      | 5.0      |           | ASD4-3  | 1000       | 20        | 10ASD4-3  | 100        | 10        |
|                  | 10     | 7.0      |           | ASD4-4  | 1000       | 20        | 10ASD4-4  | 100        | 10        |
|                  | 12     | 9.0      |           | ASD4-5  | 1000       | 20        | 10ASD4-5  | 100        | 10        |
|                  | 14     | 11.0     |           | ASD4-6  | 1000       | 10        | 10ASD4-6  | 100        | 10        |
|                  | 16     | 12.5     |           | ASD4-8  | 1000       | 10        | 10ASD4-8  | 100        | 10        |
|                  | 20     | 16.5     |           | ASD4-10 | 1000       | 10        | 10ASD4-10 | 100        | 10        |
|                  | 22     | 19.0     |           | ASD4-11 | 1000       | 10        | 10ASD4-11 | 100        | 10        |
|                  | 25     | 21.0     |           | ASD4-12 | 1000       | 10        | 10ASD4-12 | 100        | 10        |
| 4.0mm<br>(5/32") | 6      | 3.0      | 4.1-4.2   | ASD5-1  | 1000       | 10        | 10ASD5-1  | 100        | 10        |
|                  | 8      | 5.0      |           | ASD5-2  | 1000       | 10        | 10ASD5-2  | 100        | 10        |
|                  | 10     | 6.5      |           | ASD5-3  | 1000       | 10        | 10ASD5-3  | 100        | 10        |
|                  | 12     | 8.5      |           | ASD5-4  | 1000       | 10        | 10ASD5-4  | 100        | 10        |
|                  | 14     | 10.5     |           | ASD5-5  | 1000       | 10        | 10ASD5-5  | 100        | 10        |
|                  | 16     | 12.5     |           | ASD5-6  | 500        | 10        | 10ASD5-6  | 100        | 10        |
|                  | 18     | 14.5     |           | ASD5-8  | 500        | 10        | 10ASD5-8  | 100        | 10        |
|                  | 20     | 16.0     |           | ASD5-10 | 500        | 10        | 10ASD5-10 | 100        | 10        |
|                  | 25     | 21.0     |           | ASD5-12 | 500        | 10        | 10ASD5-12 | 100        | 10        |

| Dome Head        |        |          | Box Pack  |         |            | Hang Pack |           |            |           |
|------------------|--------|----------|-----------|---------|------------|-----------|-----------|------------|-----------|
| Body Size (mm)   |        | Max Grip | Hole Size | Part    | Pack       | Bulk      | Part      | Pack       | Bulk      |
| Diameter         | Length | mm       | mm        | No.     | Qty. (pcs) | Pack Qty. | No.       | Qty. (pcs) | Pack Qty. |
| 4.8mm<br>(3/16") | 6      | 2.5      | 4.9-5.0   | ASD6-1  | 500        | 10        | 10ASD6-1  | 100        | 10        |
|                  | 8      | 4.0      |           | ASD6-2  | 500        | 10        | 10ASD6-2  | 100        | 10        |
|                  | 10     | 6.0      |           | ASD6-3  | 500        | 10        | 10ASD6-3  | 100        | 10        |
|                  | 12     | 8.0      |           | ASD6-4  | 500        | 10        | 10ASD6-4  | 100        | 10        |
|                  | 14     | 10.0     |           | ASD6-5  | 500        | 10        | 10ASD6-5  | 100        | 10        |
|                  | 16     | 12.0     |           | ASD6-6  | 500        | 10        | 10ASD6-6  | 100        | 10        |
|                  | 18     | 14.0     |           | ASD6-8  | 500        | 10        | 10ASD6-8  | 100        | 10        |
|                  | 20     | 16.0     |           | ASD6-10 | 250        | 10        | 10ASD6-10 | 50         | 10        |
|                  | 25     | 20.0     |           | ASD6-12 | 250        | 10        | 10ASD6-12 | 50         | 10        |
|                  | 27     | 22.0     |           | ASD6-14 | 250        | 10        | 10ASD6-14 | 50         | 10        |
| 6.4mm<br>(1/4")  | 30     | 25.0     |           | ASD6-16 | 250        | 10        | 10ASD6-16 | 50         | 10        |
|                  | 35     | 30.0     |           | ASD6-20 | 250        | 10        | 10ASD6-20 | 50         | 10        |
|                  | 40     | 35.0     |           | ASD6-22 | 250        | 10        | 10ASD6-22 | 50         | 10        |
|                  | 10     | 4.0      | 6.5-6.6   | ASD8-2  | 250        | 10        | 10ASD8-2  | 50         | 10        |
|                  | 12     | 6.0      |           | ASD8-4  | 250        | 10        | 10ASD8-4  | 50         | 10        |
|                  | 16     | 10.0     |           | ASD8-6  | 250        | 10        | 10ASD8-6  | 50         | 10        |
|                  | 20     | 14.0     |           | ASD8-8  | 250        | 10        | 10ASD8-8  | 50         | 10        |
|                  | 23     | 16.0     |           | ASD8-10 | 250        | 10        | 10ASD8-10 | 50         | 10        |
|                  | 25     | 18.0     |           | ASD8-12 | 250        | 10        | 10ASD8-12 | 50         | 10        |
|                  | 28     | 21.0     |           | ASD8-14 | 250        | 10        | 10ASD8-14 | 50         | 10        |
|                  | 30     | 23.0     |           | ASD8-16 | 250        | 10        | 10ASD8-16 | 50         | 10        |

**Dome Head – Open Type**


|                | Material         | Finish         | Head         | Advantages  |  | Applications   |  |  |
|----------------|------------------|----------------|--------------|---|--|--|--|--|
| <b>Body</b>    | Aluminium (5056) | Natural Polish | Dome (Truss) | <ul style="list-style-type: none"> <li>Strong but lower cost fastener</li> <li>Available in variety of materials and ideal for wide range of applications</li> <li>Painted colour finishes available</li> </ul> |  | <ul style="list-style-type: none"> <li>Office furniture</li> <li>Automotive</li> <li>Building</li> <li>Construction</li> <li>Leather production</li> </ul> |  |  |
| <b>Mandrel</b> | Steel            | Zinc Plated    |              |   |  |  |  |  |

| Dome Head        |        |          | Box Pack  |         |            | Hang Pack |           |            |           |
|------------------|--------|----------|-----------|---------|------------|-----------|-----------|------------|-----------|
| Body Size (mm)   |        | Max Grip | Hole Size | Part    | Pack       | Bulk      | Part      | Pack       | Bulk      |
| Diameter         | Length | mm       | mm        | No.     | Qty. (pcs) | Pack Qty. | No.       | Qty. (pcs) | Pack Qty. |
| 2.4mm<br>(3/32") | 6      | 4.0      | 2.5-2.6   | ABD3-2  | 1000       | 20        | 10ABD3-2  | 100        | 10        |
|                  | 8      | 6.0      |           | ABD3-3  | 1000       | 20        | 10ABD3-3  | 100        | 10        |
|                  | 10     | 8.0      |           | ABD3-4  | 1000       | 20        | 10ABD3-4  | 100        | 10        |
| 3.2mm<br>(1/8")  | 5      | 1.5      | 3.3-3.4   | ABD4-1  | 1000       | 20        | 10ABD4-1  | 100        | 10        |
|                  | 6      | 3.5      |           | ABD4-2  | 1000       | 20        | 10ABD4-2  | 100        | 10        |
|                  | 8      | 5.0      |           | ABD4-3  | 1000       | 20        | 10ABD4-3  | 100        | 10        |
|                  | 10     | 7.0      |           | ABD4-4  | 1000       | 20        | 10ABD4-4  | 100        | 10        |
|                  | 12     | 9.0      |           | ABD4-5  | 1000       | 20        | 10ABD4-5  | 100        | 10        |
|                  | 14     | 11.0     |           | ABD4-6  | 1000       | 20        | 10ABD4-6  | 100        | 10        |
|                  | 16     | 12.5     |           | ABD4-8  | 1000       | 10        | 10ABD4-8  | 100        | 10        |
|                  | 20     | 16.5     |           | ABD4-10 | 1000       | 10        | 10ABD4-10 | 100        | 10        |
|                  | 25     | 21.0     |           | ABD4-12 | 1000       | 10        | 10ABD4-12 | 100        | 10        |
| 4.0mm<br>(5/32") | 6      | 3.0      | 4.1-4.2   | ABD5-1  | 1000       | 10        | 10ABD5-1  | 100        | 10        |
|                  | 8      | 5.0      |           | ABD5-2  | 1000       | 10        | 10ABD5-2  | 100        | 10        |
|                  | 10     | 6.5      |           | ABD5-3  | 1000       | 10        | 10ABD5-3  | 100        | 10        |
|                  | 12     | 8.5      |           | ABD5-4  | 1000       | 10        | 10ABD5-4  | 100        | 10        |
|                  | 14     | 10.5     |           | ABD5-5  | 1000       | 10        | 10ABD5-5  | 100        | 10        |
|                  | 16     | 12.5     |           | ABD5-6  | 500        | 10        | 10ABD5-6  | 100        | 10        |
|                  | 18     | 14.5     |           | ABD5-8  | 500        | 10        | 10ABD5-8  | 100        | 10        |
| 4.8mm<br>(3/16") | 8      | 4.0      | 4.9-5.0   | ABD6-2  | 500        | 10        | 10ABD6-2  | 100        | 10        |
|                  | 10     | 6.0      |           | ABD6-3  | 500        | 10        | 10ABD6-3  | 100        | 10        |
|                  | 12     | 8.0      |           | ABD6-4  | 500        | 10        | 10ABD6-4  | 100        | 10        |
|                  | 14     | 10.0     |           | ABD6-5  | 500        | 10        | 10ABD6-5  | 100        | 10        |
|                  | 16     | 12.0     |           | ABD6-6  | 500        | 10        | 10ABD6-6  | 100        | 10        |
|                  | 18     | 14.0     |           | ABD6-8  | 500        | 10        | 10ABD6-8  | 100        | 10        |
|                  | 20     | 16.0     |           | ABD6-10 | 250        | 10        | 10ABD6-10 | 50         | 10        |

| Dome Head        |        |          | Box Pack  |         |            | Hang Pack |           |            |           |
|------------------|--------|----------|-----------|---------|------------|-----------|-----------|------------|-----------|
| Body Size (mm)   |        | Max Grip | Hole Size | Part    | Pack       | Bulk      | Part      | Pack       | Bulk      |
| Diameter         | Length | mm       | mm        | No.     | Qty. (pcs) | Pack Qty. | No.       | Qty. (pcs) | Pack Qty. |
| 4.8mm<br>(3/16") | 25     | 20.0     | 4.9-5.0   | ABD6-12 | 250        | 10        | 10ABD6-12 | 50         | 10        |
|                  | 27     | 22.0     |           | ABD6-14 | 250        | 10        | 10ABD6-14 | 50         | 10        |
|                  | 30     | 25.0     |           | ABD6-16 | 250        | 10        | 10ABD6-16 | 50         | 10        |
|                  | 35     | 30.0     |           | ABD6-20 | 250        | 10        | 10ABD6-20 | 50         | 10        |
|                  | 40     | 35.0     |           | ABD6-22 | 250        | 10        | 10ABD6-22 | 50         | 10        |
|                  |        |          |           |         |            |           |           |            |           |
| 6.4mm<br>(1/4")  | 10     | 4.0      | 6.5-6.6   | ABD8-2  | 250        | 10        | 10ABD8-2  | 50         | 10        |
|                  | 12     | 6.0      |           | ABD8-4  | 250        | 10        | 10ABD8-4  | 50         | 10        |
|                  | 16     | 10.0     |           | ABD8-6  | 250        | 10        | 10ABD8-6  | 50         | 10        |
|                  | 20     | 14.0     |           | ABD8-8  | 250        | 10        | 10ABD8-8  | 50         | 10        |
|                  | 23     | 16.0     |           | ABD8-10 | 250        | 10        | 10ABD8-10 | 50         | 10        |
|                  | 25     | 18.0     |           | ABD8-12 | 250        | 10        | 10ABD8-12 | 50         | 10        |
|                  | 28     | 21.0     |           | ABD8-14 | 250        | 10        | 10ABD8-14 | 50         | 10        |
|                  | 30     | 23.0     |           | ABD8-16 | 250        | 10        | 10ABD8-16 | 50         | 10        |

**Dome Head – Open Type – Multi-grip**


| Material                        | Finish         | Head         | Advantages  | Applications   |
|---------------------------------|----------------|--------------|---|--|
| <b>Body</b><br>Aluminium (5052) | Natural Polish | Dome (Truss) |   |  |
| <b>Mandrel</b><br>Steel         | Zinc Plated    | Multi-grip   | <ul style="list-style-type: none"> <li>Optimum clamp-up force</li> <li>Accommodates oversized and irregular sized holes</li> <li>High mandrel head retention</li> <li>Vibration and moisture resistant</li> <li>Reduced inventory, it can replace open type up to the size</li> </ul> | <ul style="list-style-type: none"> <li>Plastics</li> <li>Automotive</li> <li>Furniture industry</li> </ul> |

| Dome Head        |        |          | Box Pack  |             |            | Hang Pack |              |            |           |
|------------------|--------|----------|-----------|-------------|------------|-----------|--------------|------------|-----------|
| Body Size (mm)   |        | Max Grip | Hole Size | Part        | Pack       | Bulk      | Part         | Pack       | Bulk      |
| Diameter         | Length | mm       | mm        | No.         | Qty. (pcs) | Pack Qty. | No.          | Qty. (pcs) | Pack Qty. |
| 3.2mm<br>(1/8")  | 8      | 5.0      | 3.3-3.4   | ASDMG4-3    | 1000       | 20        | 10ASDMG4-3   | 100        | 10        |
|                  | 12     | 9.0      |           | ASDMG4-5    | 1000       | 20        | 10ASDMG4-5   | 100        | 10        |
|                  | 14     | 10.5     |           | ASDMG4-6    | 1000       | 20        | 10ASDMG4-6   | 100        | 10        |
| 4.0mm<br>(5/32") | 10     | 6.5      | 4.1-4.2   | ASDMG5-3    | 1000       | 10        | 10ASDMG5-3   | 100        | 10        |
|                  | 10     | 6.5      |           | ASDMG5-3BA* | 1000       | 10        | 10ASDMG5-3BA | 100        | 10        |
|                  | 10     | 6.5      |           | ASDMG5-3CO  | 1000       | 10        | 10ASDMG5-3CO | 100        | 10        |
|                  | 10     | 6.5      |           | ASDMG5-3GU  | 1000       | 10        | 10ASDMG5-3GU | 100        | 10        |
|                  | 10     | 6.5      |           | ASDMG5-3MA  | 1000       | 10        | 10ASDMG5-3MA | 100        | 10        |
|                  | 10     | 6.5      |           | ASDMG5-3SM  | 1000       | 10        | 10ASDMG5-3SM | 100        | 10        |
|                  | 10     | 6.5      |           | ASDMG5-3TE  | 1000       | 10        | 10ASDMG5-3TE | 100        | 10        |
|                  | 10     | 6.5      |           | ASDMG5-3WA  | 1000       | 10        | 10ASDMG5-3WA | 100        | 10        |
|                  | 12     | 8.5      |           | ASDMG5-4    | 1000       | 10        | 10ASDMG5-4   | 100        | 10        |
|                  | 14     | 10.5     |           | ASDMG5-5    | 500        | 10        | 10ASDMG5-5   | 100        | 10        |
|                  | 14     | 10.5     |           | ASDMG5-5NS  | 500        | 10        | 10ASDMG5-5NS | 100        | 10        |
|                  | 14     | 10.5     |           | ASDMG5-5SM  | 500        | 10        | 10ASDMG5-5SM | 100        | 10        |
|                  | 14     | 10.5     |           | ASDMG5-5WH  | 500        | 10        | 10ASDMG5-5WH | 100        | 10        |
|                  | 16     | 12.5     |           | ASDMG5-6    | 500        | 10        | 10ASDMG5-6   | 100        | 10        |
|                  | 16     | 12.5     |           | ASDMG5-6NS  | 500        | 10        | 10ASDMG5-6NS | 100        | 10        |
|                  | 16     | 12.5     |           | ASDMG5-6SM  | 500        | 10        | 10ASDMG5-6SM | 100        | 10        |
|                  | 16     | 12.5     |           | ASDMG5-6WH  | 500        | 10        | 10ASDMG5-6WH | 100        | 10        |

| Dome Head      |        |          | Box Pack  |            |            |           | Hang Pack    |            |           |
|----------------|--------|----------|-----------|------------|------------|-----------|--------------|------------|-----------|
| Body Size (mm) |        | Max Grip | Hole Size | Part       | Pack       | Bulk      | Part         | Pack       | Bulk      |
| Diameter       | Length | mm       | mm        | No.        | Qty. (pcs) | Pack Qty. | No.          | Qty. (pcs) | Pack Qty. |
| 4.8mm          | 12     | 8.0      | 4.9-5.0   | ASDMG6-4   | 500        | 10        | 10ASDMG6-4   | 100        | 10        |
| (3/16")        | 12     | 8.0      |           | ASDMG6-4SM | 500        | 10        | 10ASDMG6-4SM | 100        | 10        |
|                | 16     | 11.5     |           | ASDMG6-6   | 500        | 10        | 10ASDMG6-6   | 100        | 10        |
|                | 16     | 11.5     |           | ASDMG6-6SM | 500        | 10        | 10ASDMG6-6SM | 100        | 10        |
|                | 18     | 13.5     |           | ASDMG6-8   | 500        | 10        | 10ASDMG6-8   | 100        | 10        |
|                | 18     | 13.5     |           | ASDMG6-8SM | 500        | 10        | 10ASDMG6-8SM | 100        | 10        |
|                | 20     | 15.5     |           | ASDMG6-10  | 250        | 10        | 10ASDMG6-10  | 100        | 10        |
|                | 25     | 20.0     |           | ASDMG6-12  | 250        | 10        | 10ASDMG6-12  | 100        | 10        |

\*Colour codes (BA, CO... etc) – Please check colour list on page 46

**Dome Head – Open Type – Peel**


| Material       | Finish           | Head           | Advantages   | Applications   |
|----------------|------------------|----------------|--------------|--|
| <b>Body</b>    | Aluminium (5052) | Natural Polish | Dome (Truss) | <ul style="list-style-type: none"> <li>Provide large secondary bearing surface</li> <li>Exceptional pull-up / clamp-up properties</li> </ul> |
| <b>Mandrel</b> | Steel            | Zinc Plated    | Peel         | <ul style="list-style-type: none"> <li>Soft material</li> <li>Plasterboard</li> <li>Furniture</li> <li>Plastic-framed window</li> </ul>      |

| Dome Head      |        |          | Box Pack  |          |            |           | Hang Pack  |            |           |
|----------------|--------|----------|-----------|----------|------------|-----------|------------|------------|-----------|
| Body Size (mm) |        | Max Grip | Hole Size | Part     | Pack       | Bulk      | Part       | Pack       | Bulk      |
| Diameter       | Length | mm       | mm        | No.      | Qty. (pcs) | Pack Qty. | No.        | Qty. (pcs) | Pack Qty. |
| 3.2mm          | 6      | 2.5      | 3.3-3.4   | ASDP4-2  | 1000       | 20        | 10ASDP4-2  | 100        | 10        |
| (1/8")         | 8      | 4.0      |           | ASDP4-3  | 1000       | 20        | 10ASDP4-3  | 100        | 10        |
|                | 10     | 5.0      |           | ASDP4-4  | 1000       | 20        | 10ASDP4-4  | 100        | 10        |
|                | 12     | 7.0      |           | ASDP4-5  | 1000       | 10        | 10ASDP4-5  | 100        | 10        |
|                | 14     | 9.0      |           | ASDP4-6  | 1000       | 10        | 10ASDP4-6  | 100        | 10        |
|                | 16     | 11.0     |           | ASDP4-8  | 1000       | 10        | 10ASDP4-8  | 100        | 10        |
|                | 20     | 14.0     |           | ASDP4-10 | 1000       | 10        | 10ASDP4-10 | 100        | 10        |
| 4.0mm          | 8      | 4.0      | 4.1-4.2   | ASDP5-2  | 500        | 10        | 10ASDP5-2  | 100        | 10        |
| (5/32")        | 10     | 4.5      |           | ASDP5-3  | 500        | 10        | 10ASDP5-3  | 100        | 10        |
|                | 12     | 6.5      |           | ASDP5-4  | 500        | 10        | 10ASDP5-4  | 100        | 10        |
|                | 16     | 10.5     |           | ASDP5-6  | 500        | 10        | 10ASDP5-6  | 100        | 10        |
|                | 18     | 12.5     |           | ASDP5-8  | 500        | 10        | 10ASDP5-8  | 100        | 10        |
|                | 20     | 14.5     |           | ASDP5-10 | 500        | 10        | 10ASDP5-10 | 100        | 10        |

**Dome Head – Open Type – Peel**


| Dome Head        |        |          | Box Pack  |          |            | Hang Pack |            |            |           |
|------------------|--------|----------|-----------|----------|------------|-----------|------------|------------|-----------|
| Body Size (mm)   |        | Max Grip | Hole Size | Part     | Pack       | Bulk      | Part       | Pack       | Bulk      |
| Diameter         | Length | mm       | mm        | No.      | Qty. (pcs) | Pack Qty. | No.        | Qty. (pcs) | Pack Qty. |
| 4.8mm<br>(3/16") | 10     | 4.0      | 4.9-5.0   | ASDP6-3  | 500        | 10        | 10ASDP6-3  | 100        | 10        |
|                  | 12     | 6.0      |           | ASDP6-4  | 500        | 10        | 10ASDP6-4  | 100        | 10        |
|                  | 14     | 8.0      |           | ASDP6-5  | 500        | 10        | 10ASDP6-5  | 100        | 10        |
|                  | 16     | 10.0     |           | ASDP6-6  | 500        | 10        | 10ASDP6-6  | 100        | 10        |
|                  | 18     | 11.0     |           | ASDP6-8  | 500        | 10        | 10ASDP6-8  | 100        | 10        |
|                  | 20     | 15.0     |           | ASDP6-10 | 250        | 10        | 10ASDP6-10 | 50         | 10        |
|                  | 25     | 19.0     |           | ASDP6-12 | 250        | 10        | 10ASDP6-12 | 50         | 10        |

**Dome Head – Open Type – Grooved**


Grooved body rivets are produced by externally grooving the rivet eyelet. It is designed to set within a hole in fibrous material. When the rivet sets, the body shortens and the fibres of the material are grasped between the closed grooves.

| Material |                  |                | Finish       | Head | Advantages  |  |  | Applications   |  |
|----------|------------------|----------------|--------------|------|---|--|--|--|--|
| Body     | Aluminium (5052) | Natural Polish | Dome (Truss) |      |   |  |  |  |  |
| Mandrel  | Steel            | Zinc Plated    | Grooved      |      |   |  |  |  |  |
|          |                  |                |              |      | <ul style="list-style-type: none"> <li>Optimum clamp-up force</li> <li>Accommodates oversized and irregular sized holes</li> <li>High mandrel head retention</li> <li>Vibration and moisture resistant</li> <li>Reduced inventory, it can replace open type up to the size</li> </ul> |  |  | <ul style="list-style-type: none"> <li>Plastics</li> <li>Automotive</li> <li>Furniture industry</li> </ul> |  |

| Dome Head        |        |          | Box Pack  |          |            | Hang Pack |            |            |           |
|------------------|--------|----------|-----------|----------|------------|-----------|------------|------------|-----------|
| Body Size (mm)   |        | Max Grip | Hole Size | Part     | Pack       | Bulk      | Part       | Pack       | Bulk      |
| Diameter         | Length | mm       | mm        | No.      | Qty. (pcs) | Pack Qty. | No.        | Qty. (pcs) | Pack Qty. |
| 4.0mm<br>(5/32") | 12     | 8.0      | 4.1-4.2   | ASDG5-4  | 500        | 10        | 10ASDG5-4  | 100        | 10        |
| 4.8mm<br>(3/16") | 10     | 6.0      | 4.9-5.0   | ASDG6-3  | 500        | 10        | 10ASDG6-3  | 100        | 10        |
|                  | 14     | 10.0     |           | ASDG6-5  | 500        | 10        | 10ASDG6-5  | 100        | 10        |
|                  | 18     | 14.0     |           | ASDG6-8  | 250        | 10        | 10ASDG6-8  | 50         | 10        |
|                  | 25     | 20.0     |           | ASDG6-12 | 250        | 10        | 10ASDG6-12 | 50         | 10        |

**Countersunk Head – Open Type**


|                | Material         | Finish         | Head        | Advantages  |  | Applications   |  |
|----------------|------------------|----------------|-------------|---|--|--|--|
| <b>Body</b>    | Aluminium (5052) | Natural Polish | Countersunk | <ul style="list-style-type: none"> <li>Strong but lower cost fastener</li> <li>Available in variety of materials and ideal for wide range of applications</li> <li>Painted colour finishes available</li> </ul> |  | <ul style="list-style-type: none"> <li>Office furniture</li> <li>Automotive</li> <li>Building</li> <li>Construction</li> <li>Leather production</li> </ul> |  |
| <b>Mandrel</b> | Steel            | Zinc Plated    |             |   |  |  |  |

| Countersunk Head |          |           | Box Pack |         |            | Hang Pack |           |            |           |
|------------------|----------|-----------|----------|---------|------------|-----------|-----------|------------|-----------|
| Body Size (mm)   | Max Grip | Hole Size | Part     | Pack    | Bulk       | Part      | Pack      | Bulk       |           |
| Diameter         | Length   | mm        | mm       | No.     | Qty. (pcs) | Pack Qty. | No.       | Qty. (pcs) | Pack Qty. |
| 3.2mm<br>(1/8")  | 6        | 3.5       | 3.3-3.4  | ASC4-2  | 1000       | 20        | 10ASC4-2  | 100        | 10        |
|                  | 8        | 5.0       |          | ASC4-3  | 1000       | 20        | 10ASC4-3  | 100        | 10        |
|                  | 10       | 7.0       |          | ASC4-4  | 1000       | 20        | 10ASC4-4  | 100        | 10        |
|                  | 12       | 9.0       |          | ASC4-5  | 1000       | 20        | 10ASC4-5  | 100        | 10        |
|                  | 14       | 11.0      |          | ASC4-6  | 1000       | 20        | 10ASC4-6  | 100        | 10        |
|                  | 16       | 12.5      |          | ASC4-8  | 1000       | 10        | 10ASC4-8  | 100        | 10        |
|                  | 20       | 16.5      |          | ASC4-10 | 1000       | 10        | 10ASC4-10 | 100        | 10        |
|                  | 25       | 21.0      |          | ASC4-12 | 1000       | 10        | 10ASC4-12 | 100        | 10        |
| 4.0mm<br>(5/32") | 8        | 5.0       | 4.1-4.2  | ASC5-2  | 1000       | 10        | 10ASC5-2  | 100        | 10        |
|                  | 10       | 6.5       |          | ASC5-3  | 1000       | 10        | 10ASC5-3  | 100        | 10        |
|                  | 12       | 8.5       |          | ASC5-4  | 1000       | 10        | 10ASC5-4  | 100        | 10        |
|                  | 14       | 10.5      |          | ASC5-5  | 500        | 10        | 10ASC5-5  | 100        | 10        |
|                  | 16       | 12.5      |          | ASC5-6  | 500        | 10        | 10ASC5-6  | 100        | 10        |
|                  | 18       | 14.5      |          | ASC5-8  | 500        | 10        | 10ASC5-8  | 100        | 10        |
|                  | 20       | 16.0      |          | ASC5-10 | 500        | 10        | 10ASC5-10 | 100        | 10        |
|                  | 25       | 21.0      |          | ASC5-12 | 500        | 10        | 10ASC5-12 | 100        | 10        |
| 4.8mm<br>(3/16") | 8        | 4.0       | 4.9-5.0  | ASC6-2  | 500        | 10        | 10ASC6-2  | 100        | 10        |
|                  | 10       | 6.0       |          | ASC6-3  | 500        | 10        | 10ASC6-3  | 100        | 10        |
|                  | 12       | 8.0       |          | ASC6-4  | 500        | 10        | 10ASC6-4  | 100        | 10        |
|                  | 14       | 10.0      |          | ASC6-5  | 500        | 10        | 10ASC6-5  | 100        | 10        |
|                  | 16       | 12.0      |          | ASC6-6  | 500        | 10        | 10ASC6-6  | 100        | 10        |
|                  | 18       | 14.0      |          | ASC6-8  | 500        | 10        | 10ASC6-8  | 100        | 10        |
|                  | 20       | 16.0      |          | ASC6-10 | 250        | 10        | 10ASC6-10 | 50         | 10        |
|                  | 25       | 21.0      |          | ASC6-12 | 250        | 10        | 10ASC6-12 | 50         | 10        |
|                  | 30       | 25.0      |          | ASC6-16 | 250        | 10        | 10ASC6-16 | 50         | 10        |

**Countersunk Head – Open Type**


| Countersunk Head |        |          | Box Pack  |         |            | Hang Pack |           |            |           |
|------------------|--------|----------|-----------|---------|------------|-----------|-----------|------------|-----------|
| Body Size (mm)   |        | Max Grip | Hole Size | Part    | Pack       | Bulk      | Part      | Pack       | Bulk      |
| Diameter         | Length | mm       | mm        | No.     | Qty. (pcs) | Pack Qty. | No.       | Qty. (pcs) | Pack Qty. |
| 6.4mm<br>(1/4")  | 16     | 10.0     | 6.5-6.6   | ASC8-6  | 250        | 10        | 10ASC8-6  | 50         | 10        |
|                  | 20     | 14.0     |           | ASC8-8  | 250        | 10        | 10ASC8-8  | 50         | 10        |
|                  | 23     | 16.0     |           | ASC8-10 | 250        | 10        | 10ASC8-10 | 50         | 10        |
|                  | 25     | 18.0     |           | ASC8-12 | 250        | 10        | 10ASC8-12 | 50         | 10        |
|                  | 30     | 23.0     |           | ASC8-14 | 250        | 10        | 10ASC8-14 | 50         | 10        |

**Countersunk Head – Open Type – Peel**


| Countersunk Head |        |          | Box Pack  |         |            | Hang Pack |           |            |           |
|------------------|--------|----------|-----------|---------|------------|-----------|-----------|------------|-----------|
| Body Size (mm)   |        | Max Grip | Hole Size | Part    | Pack       | Bulk      | Part      | Pack       | Bulk      |
| Diameter         | Length | mm       | mm        | No.     | Qty. (pcs) | Pack Qty. | No.       | Qty. (pcs) | Pack Qty. |
| 4.8mm<br>(3/16") | 18     | 11.0     | 4.9-5.0   | ASCP6-8 | 500        | 10        | 10ASCP6-8 | 100        | 10        |

**Countersunk Head – Open Type – Multi-grip**


| Material                        | Finish         | Head        | Advantages  | Applications   |
|---------------------------------|----------------|-------------|---|--|
| <b>Body</b><br>Aluminium (5052) | Natural Polish | Countersunk | <ul style="list-style-type: none"> <li>Optimum clamp-up force</li> <li>Accommodates oversized and irregular sized holes</li> <li>High mandrel head retention</li> <li>Vibration and moisture resistant</li> <li>Reduced inventory, it can replace open type up to the size</li> </ul> | <ul style="list-style-type: none"> <li>Plastics</li> <li>Automotive</li> <li>Furniture industry</li> </ul> |
| <b>Mandrel</b><br>Steel         | Zinc Plated    | Multi-grip  |   |  |

| Countersunk Head |        |          | Box Pack  |          |            | Hang Pack |            |            |           |
|------------------|--------|----------|-----------|----------|------------|-----------|------------|------------|-----------|
| Body Size (mm)   |        | Max Grip | Hole Size | Part     | Pack       | Bulk      | Part       | Pack       | Bulk      |
| Diameter         | Length | mm       | mm        | No.      | Qty. (pcs) | Pack Qty. | No.        | Qty. (pcs) | Pack Qty. |
| 4.0mm<br>(5/32") | 12     | 8.5      | 4.1-4.2   | ASCMG5-4 | 1000       | 10        | 10ASCMG5-4 | 100        | 10        |
| 4.8mm<br>(3/16") | 12     | 8.0      | 4.9-5.0   | ASCMG6-4 | 500        | 10        | 10ASCMG6-4 | 100        | 10        |
|                  | 14     | 9.5      |           | ASCMG6-5 | 500        | 10        | 10ASCMG6-5 | 100        | 10        |
|                  | 16     | 11.5     |           | ASCMG6-6 | 500        | 10        | 10ASCMG6-6 | 100        | 10        |

**Large Flange Head – Open Type**


| Material       | Finish           | Head           | Advantages   | Applications  |
|----------------|------------------|----------------|--------------|---|
| <b>Body</b>    | Aluminium (5052) | Natural Polish | Large Flange | <ul style="list-style-type: none"> <li>Strong but lower cost fastener</li> <li>Available in variety of materials and ideal for wide range of applications</li> <li>Painted colour finishes available</li> </ul> |
| <b>Mandrel</b> | Steel            | Zinc Plated    |              | <ul style="list-style-type: none"> <li>Office furniture</li> <li>Automotive</li> <li>Building</li> <li>Construction</li> <li>Leather production</li> </ul>  |

| Large Flange Head |          |           | Box Pack |           |            | Hang Pack |            |            |           |
|-------------------|----------|-----------|----------|-----------|------------|-----------|------------|------------|-----------|
| Body Size (mm)    | Max Grip | Hole Size | Part     | Pack      | Bulk       | Part      | Pack       | Bulk       |           |
| Diameter          | Length   | mm        | mm       | No.       | Qty. (pcs) | Pack Qty. | No.        | Qty. (pcs) | Pack Qty. |
| 3.2mm<br>(1/8")   | 6        | 3.5       | 3.3-3.4  | ASL4-2    | 1000       | 10        | 10ASL4-2   | 100        | 10        |
|                   | 8        | 5.0       |          | ASL4-3    | 1000       | 10        | 10ASL4-3   | 100        | 10        |
|                   | 10       | 7.0       |          | ASL4-4    | 1000       | 10        | 10ASL4-4   | 100        | 10        |
|                   | 12       | 9.0       |          | ASL4-5    | 1000       | 10        | 10ASL4-5   | 100        | 10        |
|                   | 14       | 11.0      |          | ASL4-6    | 1000       | 10        | 10ASL4-6   | 100        | 10        |
|                   | 16       | 12.5      |          | ASL4-8    | 1000       | 10        | 10ASL4-8   | 100        | 10        |
| 4.0mm<br>(5/32")  | 8        | 5.0       | 4.1-4.2  | ASL5-2    | 1000       | 10        | 10ASL5-2   | 100        | 10        |
|                   | 10       | 6.5       |          | ASL5-3    | 1000       | 10        | 10ASL5-3   | 100        | 10        |
|                   | 12       | 8.5       |          | ASL5-4    | 500        | 10        | 10ASL5-4   | 100        | 10        |
|                   | 14       | 10.5      |          | ASL5-5    | 500        | 10        | 10ASL5-5   | 100        | 10        |
|                   | 16       | 12.5      |          | ASL5-6    | 500        | 10        | 10ASL5-6   | 100        | 10        |
|                   | 18       | 14.5      |          | ASL5-8    | 500        | 10        | 10ASL5-8   | 100        | 10        |
| 4.8mm<br>(3/16")  | 8        | 4.0       | 4.9-5.0  | ASL6-2    | 500        | 10        | 10ASL6-2   | 100        | 10        |
|                   | 10       | 6.0       |          | ASL6-3    | 500        | 10        | 10ASL6-3   | 100        | 10        |
|                   | 12       | 8.0       |          | ASL6-4    | 500        | 10        | 10ASL6-4   | 100        | 10        |
|                   | 12       | 8.0       |          | ASL6-4NS* | 500        | 10        | 10ASL6-4NS | 100        | 10        |
|                   | 14       | 10.0      |          | ASL6-5    | 250        | 10        | 10ASL6-5   | 50         | 10        |
|                   | 16       | 12.0      |          | ASL6-6    | 250        | 10        | 10ASL6-6   | 50         | 10        |
|                   | 16       | 12.0      |          | ASL6-6NS  | 250        | 10        | 10ASL6-6NS | 50         | 10        |
|                   | 18       | 14.0      |          | ASL6-8    | 250        | 10        | 10ASL6-8   | 50         | 10        |
|                   | 18       | 14.0      |          | ASL6-8NS  | 250        | 10        | 10ASL6-8NS | 50         | 10        |
|                   | 20       | 16.0      |          | ASL6-10   | 250        | 10        | 10ASL6-10  | 50         | 10        |
|                   | 25       | 21.0      |          | ASL6-12   | 250        | 10        | 10ASL6-12  | 50         | 10        |
|                   | 27       | 23.0      |          | ASL6-14   | 250        | 10        | 10ASL6-14  | 50         | 10        |
|                   | 30       | 25.0      |          | ASL6-16   | 250        | 10        | 10ASL6-16  | 50         | 10        |

\*NS – Night Sky

**Large Flange Head – Open Type – Multi-grip**


|                | Material         | Finish         | Head         | Advantages  |  | Applications   |  |
|----------------|------------------|----------------|--------------|---|--|--|--|
| <b>Body</b>    | Aluminium (5052) | Natural Polish | Large Flange | <ul style="list-style-type: none"> <li>Optimum clamp-up force</li> <li>Accommodates oversized and irregular sized holes</li> <li>High mandrel head retention</li> <li>Vibration and moisture resistant</li> <li>Reduced inventory, it can replace open type up to the size</li> </ul> |  | <ul style="list-style-type: none"> <li>Plastics</li> <li>Automotive</li> <li>Furniture industry</li> </ul> |  |
| <b>Mandrel</b> | Steel            | Zinc Plated    | Multi-grip   |   |  |  |  |

| Large Flange Head |        |          | Box Pack  |           |            | Hang Pack |             |            |           |
|-------------------|--------|----------|-----------|-----------|------------|-----------|-------------|------------|-----------|
| Body Size (mm)    |        | Max Grip | Hole Size | Part      | Pack       | Bulk      | Part        | Pack       | Bulk      |
| Diameter          | Length | mm       | mm        | No.       | Qty. (pcs) | Pack Qty. | No.         | Qty. (pcs) | Pack Qty. |
| 4.8mm<br>(3/16")  | 12     | 8.0      | 4.9-5.0   | ASLMG6-4  | 250        | 10        | 10ASLMG6-4  | 50         | 10        |
|                   | 16     | 11.5     |           | ASLMG6-6  | 250        | 10        | 10ASLMG6-6  | 50         | 10        |
|                   | 18     | 13.5     |           | ASLMG6-8  | 250        | 10        | 10ASLMG6-8  | 50         | 10        |
|                   | 20     | 15.5     |           | ASLMG6-10 | 250        | 10        | 10ASLMG6-10 | 50         | 10        |
|                   | 25     | 20.0     |           | ASLMG6-12 | 250        | 10        | 10ASLMG6-12 | 50         | 10        |

**Large Flange Head – Open Type – Peel**


| Large Flange Head |        |          | Box Pack  |          |            | Hang Pack |            |            |           |
|-------------------|--------|----------|-----------|----------|------------|-----------|------------|------------|-----------|
| Body Size (mm)    |        | Max Grip | Hole Size | Part     | Pack       | Bulk      | Part       | Pack       | Bulk      |
| Diameter          | Length | mm       | mm        | No.      | Qty. (pcs) | Pack Qty. | No.        | Qty. (pcs) | Pack Qty. |
| 4.8mm<br>(3/16")  | 12     | 6.0      | 4.9-5.0   | ASLP6-4  | 500        | 10        | 10ASLP6-4  | 100        | 10        |
|                   | 15     | 9.0      |           | ASLP6-6  | 250        | 10        | 10ASLP6-6  | 50         | 10        |
|                   | 18     | 11.0     |           | ASLP6-8  | 250        | 10        | 10ASLP6-8  | 50         | 10        |
|                   | 20     | 15.0     |           | ASLP6-10 | 250        | 10        | 10ASLP6-10 | 50         | 10        |
|                   | 25     | 19.0     |           | ASLP6-12 | 250        | 10        | 10ASLP6-12 | 50         | 10        |

**Dome Head – Sealed Type**

**WATERPROOF**

| Material       | Finish           | Head           | Advantages   |  |  | Applications |  |  |
|----------------|------------------|----------------|--------------|--|--|--------------|--|--|
| <b>Body</b>    | Aluminium (5056) | Natural Polish | Dome (Truss) |  |  |              |  |  |
| <b>Mandrel</b> | Steel            | Black          |              |  |  |              |  |  |

- Unique cup shaped end configuration seals tight, preventing passage of vapour or liquid through set rivet.
- Provides greater tensile and shear strength than equivalent open end
- Mandrel retention.

- Coach work
- Containers
- Air Conditioning
- Ship building industry & cladding

| Dome Head        |          |           | Box Pack |          |            | Hang Pack |            |            |           |
|------------------|----------|-----------|----------|----------|------------|-----------|------------|------------|-----------|
| Body Size (mm)   | Max Grip | Hole Size | Part     | Pack     | Bulk       | Part      | Pack       | Bulk       |           |
| Diameter         | Length   | mm        | mm       | No.      | Qty. (pcs) | Pack Qty. | No.        | Qty. (pcs) | Pack Qty. |
| 3.2mm<br>(1/8")  | 6        | 1.5       | 3.3-3.4  | WASD4-1  | 1000       | 20        | 10WASD4-1  | 100        | 10        |
|                  | 8        | 3.0       |          | WASD4-2  | 1000       | 20        | 10WASD4-2  | 100        | 10        |
|                  | 10       | 5.0       |          | WASD4-3  | 1000       | 20        | 10WASD4-3  | 100        | 10        |
|                  | 12       | 6.5       |          | WASD4-4  | 1000       | 20        | 10WASD4-4  | 100        | 10        |
|                  | 14       | 8.0       |          | WASD4-6  | 1000       | 10        | 10WASD4-6  | 100        | 10        |
|                  | 16       | 12.5      |          | WASD4-8  | 1000       | 10        | 10WASD4-8  | 100        | 10        |
| 4.0mm<br>(5/32") | 6        | 1.5       | 4.1-4.2  | WASD5-1  | 1000       | 10        | 10WASD5-1  | 100        | 10        |
|                  | 8        | 3.0       |          | WASD5-2  | 1000       | 10        | 10WASD5-2  | 100        | 10        |
|                  | 10       | 5.0       |          | WASD5-3  | 1000       | 10        | 10WASD5-3  | 100        | 10        |
|                  | 12       | 6.5       |          | WASD5-4  | 1000       | 10        | 10WASD5-4  | 100        | 10        |
|                  | 14       | 8.0       |          | WASD5-5  | 1000       | 10        | 10WASD5-5  | 100        | 10        |
|                  | 16       | 10.0      |          | WASD5-6  | 500        | 10        | 10WASD5-6  | 100        | 10        |
|                  | 18       | 12.0      |          | WASD5-8  | 500        | 10        | 10WASD5-8  | 100        | 10        |
| 4.8mm<br>(3/16") | 10       | 5.0       | 4.9-5.0  | WASD6-2  | 500        | 10        | 10WASD6-2  | 100        | 10        |
|                  | 12       | 6.5       |          | WASD6-3  | 500        | 10        | 10WASD6-3  | 100        | 10        |
|                  | 14       | 7.5       |          | WASD6-4  | 500        | 10        | 10WASD6-4  | 100        | 10        |
|                  | 16       | 9.0       |          | WASD6-6  | 500        | 10        | 10WASD6-6  | 100        | 10        |
|                  | 18       | 10.5      |          | WASD6-8  | 500        | 10        | 10WASD6-8  | 100        | 10        |
|                  | 22       | 12.0      |          | WASD6-10 | 500        | 10        | 10WASD6-10 | 100        | 10        |
|                  | 25       | 18.0      |          | WASD6-12 | 250        | 10        | 10WASD6-12 | 50         | 10        |
| 6.4mm<br>(1/4")  | 12       | 6.5       | 6.5-6.6  | WASD8-4  | 250        | 10        | 10WASD8-4  | 50         | 10        |
|                  | 16       | 8.0       |          | WASD8-6  | 250        | 10        | 10WASD8-6  | 50         | 10        |
|                  | 20       | 12.0      |          | WASD8-8  | 250        | 10        | 10WASD8-8  | 50         | 10        |
|                  | 25       | 18.0      |          | WASD8-10 | 200        | 10        | 10WASD8-10 | 50         | 10        |

**Countersunk Head – Sealed Type**

**WATERPROOF**

|                | Material         | Finish         | Head        | Advantages   |  | Applications  |  |  |
|----------------|------------------|----------------|-------------|--|--|---|--|--|
| <b>Body</b>    | Aluminium (5056) | Natural Polish | Countersunk |  |  |   |  |  |
| <b>Mandrel</b> | Steel            | Black          |             | <ul style="list-style-type: none"> <li>Unique cup shaped end configuration seals tight, preventing passage of vapour or liquid through set rivet.</li> <li>Provides greater tensile and shear strength than equivalent open end</li> <li>Mandrel retention.</li> </ul> |  | <ul style="list-style-type: none"> <li>Coach work</li> <li>Containers</li> <li>Air Conditioning</li> <li>Ship building industry &amp; cladding</li> </ul> |  |  |

| Large Flange Head |          |           | Box Pack |         |            | Hang Pack |           |            |           |
|-------------------|----------|-----------|----------|---------|------------|-----------|-----------|------------|-----------|
| Body Size (mm)    | Max Grip | Hole Size | Part     | Pack    | Bulk       | Part      | Pack      | Bulk       |           |
| Diameter          | Length   | mm        | mm       | No.     | Qty. (pcs) | Pack Qty. | No.       | Qty. (pcs) | Pack Qty. |
| 3.2mm<br>(1/8")   | 8        | 3.0       | 3.3-3.4  | WASC4-2 | 1000       | 10        | 10WASC4-2 | 100        | 10        |
|                   | 10       | 5.0       |          | WASC4-3 | 1000       | 10        | 10WASC4-3 | 100        | 10        |
|                   | 12       | 6.5       |          | WASC4-4 | 1000       | 10        | 10WASC4-4 | 100        | 10        |
|                   | 14       | 8.0       |          | WASC4-6 | 1000       | 10        | 10WASC4-6 | 100        | 10        |
| 4.0mm<br>(5/32")  | 12       | 6.5       | 4.1-4.2  | WASC5-4 | 1000       | 10        | 10WASC5-4 | 100        | 10        |
|                   | 16       | 10.0      |          | WASC5-6 | 500        | 10        | 10WASC5-6 | 100        | 10        |
|                   | 18       | 12.0      |          | WASC5-8 | 500        | 10        | 10WASC5-8 | 100        | 10        |
| 4.8mm<br>(3/16")  | 12       | 6.5       | 4.9-5.0  | WASC6-4 | 500        | 10        | 10WASC6-4 | 100        | 10        |
|                   | 14       | 7.5       |          | WASC6-5 | 500        | 10        | 10WASC6-5 | 100        | 10        |
|                   | 16       | 9.0       |          | WASC6-6 | 500        | 10        | 10WASC6-6 | 100        | 10        |
|                   | 18       | 10.5      |          | WASC6-8 | 500        | 10        | 10WASC6-8 | 100        | 10        |

## All Stainless Steel Rivet

Stainless (316 or 304) Body / Stainless (316 or 304) Mandrel

### Dome Head – Open Type



| Material                                 | Finish         | Head         | Advantages  | Applications   |
|--|----------------|--------------|---|--|
| <b>Body</b><br>Stainless (316)           | Natural Polish | Dome (Truss) | <ul style="list-style-type: none"> <li>Strong but lower cost fastener</li> <li>Available in variety of materials and ideal for wide range of applications</li> <li>Painted colour finishes available</li> </ul> | <ul style="list-style-type: none"> <li>Office furniture</li> <li>Automotive</li> <li>Building</li> <li>Construction</li> <li>Leather production</li> </ul> |
| <b>Mandrel</b><br>Stainless (316 or 304) | Natural Polish |              |   |  |

| Dome Head        |        |          | Box Pack  |          |            | Hang Pack |            |            |           |
|------------------|--------|----------|-----------|----------|------------|-----------|------------|------------|-----------|
| Body Size (mm)   |        | Max Grip | Hole Size | Part     | Pack       | Bulk      | Part       | Pack       | Bulk      |
| Diameter         | Length | mm       | mm        | No.      | Qty. (pcs) | Pack Qty. | No.        | Qty. (pcs) | Pack Qty. |
| 3.2mm<br>(1/8")  | 6      | 3.5      | 3.3-3.4   | A4KD4-2  | 1000       | 10        | 10A4KD4-2  | 100        | 10        |
|                  | 8      | 5.0      |           | A4KD4-3  | 1000       | 10        | 10A4KD4-3  | 100        | 10        |
|                  | 10     | 7.0      |           | A4KD4-4  | 1000       | 10        | 10A4KD4-4  | 100        | 10        |
|                  | 12     | 9.0      |           | A4KD4-5  | 1000       | 10        | 10A4KD4-5  | 100        | 10        |
|                  | 14     | 11.0     |           | A4KD4-6  | 1000       | 10        | 10A4KD4-6  | 100        | 10        |
|                  | 16     | 12.5     |           | A4KD4-8  | 500        | 10        | 10A4KD4-8  | 100        | 10        |
| 4.0mm<br>(5/32") | 8      | 5.0      | 4.1-4.2   | A4KD5-2  | 500        | 10        | 10A4KD5-2  | 100        | 10        |
|                  | 10     | 6.5      |           | A4KD5-3  | 500        | 10        | 10A4KD5-3  | 100        | 10        |
|                  | 12     | 8.5      |           | A4KD5-4  | 500        | 10        | 10A4KD5-4  | 100        | 10        |
|                  | 14     | 10.5     |           | A4KD5-5  | 500        | 10        | 10A4KD5-5  | 100        | 10        |
|                  | 16     | 12.5     |           | A4KD5-6  | 500        | 10        | 10A4KD5-6  | 100        | 10        |
|                  | 18     | 14.5     |           | A4KD5-8  | 500        | 10        | 10A4KD5-8  | 100        | 10        |
| 4.8mm<br>(3/16") | 8      | 4.0      | 4.9-5.0   | A4KD6-2  | 500        | 10        | 10A4KD6-2  | 100        | 10        |
|                  | 10     | 6.0      |           | A4KD6-3  | 500        | 10        | 10A4KD6-3  | 100        | 10        |
|                  | 12     | 8.0      |           | A4KD6-4  | 500        | 10        | 10A4KD6-4  | 100        | 10        |
|                  | 14     | 10.0     |           | A4KD6-5  | 500        | 10        | 10A4KD6-5  | 100        | 10        |
|                  | 16     | 12.0     |           | A4KD6-6  | 500        | 10        | 10A4KD6-6  | 100        | 10        |
|                  | 18     | 14.0     |           | A4KD6-8  | 500        | 10        | 10A4KD6-8  | 100        | 10        |
| 6.4mm<br>(1/4")  | 20     | 14.0     | 6.5-6.6   | A4KD8-8  | 250        | 10        | 10A4KD8-8  | 100        | 10        |
|                  | 25     | 21.0     |           | A4KD6-12 | 250        | 10        | 10A4KD6-12 | 100        | 10        |

**Dome Head – Open Type**


| Material                          | Finish         | Head         | Advantages  | Applications   |
|-----------------------------------|----------------|--------------|---|--|
| <b>Body</b><br>Stainless (304)    | Natural Polish | Dome (Truss) |   |  |
| <b>Mandrel</b><br>Stainless (304) | Natural Polish |              | <ul style="list-style-type: none"> <li>Strong but lower cost fastener</li> <li>Available in variety of materials and ideal for wide range of applications</li> <li>Painted colour finishes available</li> </ul> | <ul style="list-style-type: none"> <li>Office furniture</li> <li>Automotive</li> <li>Building</li> <li>Construction</li> <li>Leather production</li> </ul> |

| Dome Head        |          |           | Box Pack |           |            | Hang Pack |            |            |           |
|------------------|----------|-----------|----------|-----------|------------|-----------|------------|------------|-----------|
| Body Size (mm)   | Max Grip | Hole Size | Part     | Pack      | Bulk       | Part      | Pack       | Bulk       |           |
| Diameter         | Length   | mm        | mm       | No.       | Qty. (pcs) | Pack Qty. | No.        | Qty. (pcs) | Pack Qty. |
| 3.2mm<br>(1/8")  | 5        | 1.5       | 3.3-3.4  | KKD4-1    | 1000       | 10        | 10KKD4-1   | 100        | 10        |
|                  | 6        | 3.5       |          | KKD4-2    | 1000       | 10        | 10KKD4-2   | 100        | 10        |
|                  | 8        | 5.0       |          | KKD4-3    | 1000       | 10        | 10KKD4-3   | 100        | 10        |
|                  | 10       | 7.0       |          | KKD4-4    | 1000       | 10        | 10KKD4-4   | 100        | 10        |
|                  | 12       | 9.0       |          | KKD4-5    | 1000       | 10        | 10KKD4-5   | 100        | 10        |
|                  | 14       | 11.0      |          | KKD4-6    | 1000       | 10        | 10KKD4-6   | 100        | 10        |
|                  | 16       | 12.5      |          | KKD4-8    | 1000       | 10        | 10KKD4-8   | 100        | 10        |
|                  | 20       | 16.5      |          | KKD4-10   | 1000       | 10        | 10KKD4-10  | 100        | 10        |
| 4.0mm<br>(5/32") | 6        | 3.0       | 4.1-4.2  | KKD5-1    | 1000       | 10        | 10KKD5-1   | 100        | 10        |
|                  | 8        | 5.0       |          | KKD5-2    | 1000       | 10        | 10KKD5-2   | 100        | 10        |
|                  | 10       | 6.5       |          | KKD5-3    | 1000       | 10        | 10KKD5-3   | 100        | 10        |
|                  | 12       | 8.5       |          | KKD5-4    | 500        | 10        | 10KKD5-4   | 100        | 10        |
|                  | 12       | 8.5       |          | KKD5-4SM* | 1000       | 10        | 10KKD5-4SM | 100        | 10        |
|                  | 14       | 10.5      |          | KKD5-5    | 500        | 10        | 10KKD5-5   | 100        | 10        |
|                  | 16       | 12.5      |          | KKD5-6    | 500        | 10        | 10KKD5-6   | 100        | 10        |
|                  | 18       | 14.5      |          | KKD5-8    | 500        | 10        | 10KKD5-8   | 100        | 10        |
|                  | 20       | 16.0      |          | KKD5-10   | 500        | 10        | 10KKD5-10  | 100        | 10        |
| 4.8mm<br>(3/16") | 8        | 4.0       | 4.9-5.0  | KKD6-2    | 500        | 10        | 10KKD6-2   | 100        | 10        |
|                  | 10       | 6.0       |          | KKD6-3    | 500        | 10        | 10KKD6-3   | 100        | 10        |
|                  | 12       | 8.0       |          | KKD6-4    | 500        | 10        | 10KKD6-4   | 100        | 10        |
|                  | 14       | 10.0      |          | KKD6-5    | 500        | 10        | 10KKD6-5   | 100        | 10        |
|                  | 16       | 12.0      |          | KKD6-6    | 500        | 10        | 10KKD6-6   | 100        | 10        |
|                  | 18       | 14.0      |          | KKD6-8    | 500        | 10        | 10KKD6-8   | 100        | 10        |
|                  | 20       | 16.0      |          | KKD6-10   | 250        | 10        | 10KKD6-10  | 50         | 10        |
|                  | 25       | 21.0      |          | KKD6-12   | 250        | 10        | 10KKD6-12  | 50         | 10        |
|                  | 30       | 25.0      |          | KKD6-16   | 250        | 10        | 10KKD6-16  | 50         | 10        |

**Dome Head – Open Type**


| Dome Head       |        |          | Box Pack  |         |            | Hang Pack |           |            |           |
|-----------------|--------|----------|-----------|---------|------------|-----------|-----------|------------|-----------|
| Body Size (mm)  |        | Max Grip | Hole Size | Part    | Pack       | Bulk      | Part      | Pack       | Bulk      |
| Diameter        | Length | mm       | mm        | No.     | Qty. (pcs) | Pack Qty. | No.       | Qty. (pcs) | Pack Qty. |
| 6.4mm<br>(1/4") | 8      | 3.0      | 6.5-6.6   | KKD8-2  | 250        | 10        | 10KKD8-2  | 50         | 10        |
|                 | 10     | 4.0      |           | KKD8-3  | 250        | 10        | 10KKD8-3  | 50         | 10        |
|                 | 12     | 6.0      |           | KKD8-4  | 250        | 10        | 10KKD8-4  | 50         | 10        |
|                 | 16     | 10.0     |           | KKD8-6  | 250        | 10        | 10KKD8-6  | 50         | 10        |
|                 | 20     | 14.0     |           | KKD8-8  | 250        | 10        | 10KKD8-8  | 50         | 10        |
|                 | 23     | 16.0     |           | KKD8-10 | 200        | 10        | 10KKD8-10 | 50         | 10        |
|                 | 25     | 18.0     |           | KKD8-12 | 200        | 10        | 10KKD8-12 | 50         | 10        |
|                 | 30     | 23.0     |           | KKD8-16 | 200        | 10        | 10KKD8-16 | 50         | 10        |

\*SM – Surfmist

**HIGH STRENGTH (HEM-FIRM)**


| Material                          | Finish         | Head            | Advantages   | Applications   |
|-----------------------------------|----------------|-----------------|--|--|
| <b>Body</b><br>Stainless (304)    | Natural Polish | Dome<br>(Truss) | <ul style="list-style-type: none"> <li>Locked, rattle free mandrel</li> <li>Superior shear and tensile strength, soft and brittle materials inclusive</li> <li>Provides excellent integrity*</li> <li>Fills irregular holes</li> </ul> | <ul style="list-style-type: none"> <li>Automotive industry</li> <li>Truck building</li> <li>Construction work</li> <li>Coach work</li> </ul> |
| <b>Mandrel</b><br>Stainless (304) | Natural Polish |                 |  |  |

| Dome Head       |        |          | Box Pack  |         |            | Hang Pack |           |            |           |
|-----------------|--------|----------|-----------|---------|------------|-----------|-----------|------------|-----------|
| Body Size (mm)  |        | Max Grip | Hole Size | Part    | Pack       | Bulk      | Part      | Pack       | Bulk      |
| Diameter        | Length | mm       | mm        | No.     | Qty. (pcs) | Pack Qty. | No.       | Qty. (pcs) | Pack Qty. |
| 6.4mm<br>(1/4") | 10.5   | 4.5      | 6.6-6.8   | HKKD8-3 | 250        | 10        | 10HKKD8-3 | 50         | 10        |
|                 | 14.5   | 8.5      |           | HKKD8-5 | 250        | 10        | 10HKKD8-5 | 50         | 10        |

**Dome Head – Open Type**

**ANLOCK RIVET (MEGA LOCK)**

Anlock Blind Rivets In-Bolt with a multi-grip clamping range and a high tensile and shear strength provides a high resistance to vibrations and a good watertight performance.

|                | Material        | Finish         | Head         | Advantages   |  | Applications   |  |  |
|----------------|-----------------|----------------|--------------|--|--|--|--|--|
| <b>Body</b>    | Stainless (304) | Natural Polish | Dome (Truss) | <ul style="list-style-type: none"> <li>High shear and tensile strength</li> <li>Superior holding power (Clamp up)</li> <li>Fastens over wide grip range</li> <li>Locking feature prevents loosening of mandrel from vibration</li> </ul> |  | <ul style="list-style-type: none"> <li>Automotive industry</li> <li>Truck building</li> <li>Containers</li> <li>Construction work</li> <li>Coach work</li> </ul> |  |  |
| <b>Mandrel</b> | Stainless (304) | Natural Polish |              |  |  |  |  |  |

| Dome Head        |          |             | Box Pack  |                       |            |           | Hang Pack                 |            |           |
|------------------|----------|-------------|-----------|-----------------------|------------|-----------|---------------------------|------------|-----------|
| Body Size (mm)   |          | Max Grip    | Hole Size | Part                  | Pack       | Bulk      | Part                      | Pack       | Bulk      |
| Diameter         | Length   | mm          | mm        | No.                   | Qty. (pcs) | Pack Qty. | No.                       | Qty. (pcs) | Pack Qty. |
| 4.8mm<br>(3/16") | 10<br>14 | 6.9<br>11.0 | 4.9-5.1   | ANKKD6-4<br>ANKKD6-6  | 500<br>500 | 10<br>10  | 10ANKKD6-4<br>10ANKKD6-6  | 100<br>100 | 10<br>10  |
| 6.4mm<br>(1/4")  | 14<br>20 | 9.5<br>15.8 | 6.7-6.9   | ANKKD8-6<br>ANKKD8-10 | 250<br>250 | 10<br>10  | 10ANKKD8-6<br>10ANKKD8-10 | 50<br>50   | 10<br>10  |

**Countersunk Head – Open Type**


| Material                             | Finish   | Head        | Advantages  | Applications   |
|--------------------------------------|----------|-------------|---|--|
| <b>Body</b><br>Stainless (A2 304)    | Polished | Countersunk | <ul style="list-style-type: none"> <li>Strong but lower cost fastener</li> <li>Available in variety of materials and ideal for wide range of applications</li> <li>Painted colour finishes available</li> </ul> | <ul style="list-style-type: none"> <li>Office furniture</li> <li>Automotive</li> <li>Building</li> <li>Construction</li> <li>Leather production</li> </ul> |
| <b>Mandrel</b><br>Stainless (A2 304) | Polished |             |   |  |

| Countersunk Head |          |           | Box Pack |         |            | Hang Pack |           |            |           |
|------------------|----------|-----------|----------|---------|------------|-----------|-----------|------------|-----------|
| Body Size (mm)   | Max Grip | Hole Size | Part     | Pack    | Bulk       | Part      | Pack      | Bulk       |           |
| Diameter         | Length   | mm        | mm       | No.     | Qty. (pcs) | Pack Qty. | No.       | Qty. (pcs) | Pack Qty. |
| 3.2mm<br>(1/8")  | 6        | 3.5       | 3.3-3.4  | KKC4-2  | 1000       | 10        | 10KKC4-2  | 100        | 10        |
|                  | 8        | 5.0       |          | KKC4-3  | 1000       | 10        | 10KKC4-3  | 100        | 10        |
|                  | 10       | 7.0       |          | KKC4-4  | 1000       | 10        | 10KKC4-4  | 100        | 10        |
|                  | 12       | 9.0       |          | KKC4-5  | 1000       | 10        | 10KKC4-5  | 100        | 10        |
|                  | 14       | 11.0      |          | KKC4-6  | 1000       | 10        | 10KKC4-6  | 100        | 10        |
|                  |          |           |          |         |            |           |           |            |           |
| 4.0mm<br>(5/32") | 8        | 5.0       | 4.1-4.2  | KKC5-2  | 1000       | 10        | 10KKC5-2  | 100        | 10        |
|                  | 10       | 6.5       |          | KKC5-3  | 1000       | 10        | 10KKC5-3  | 100        | 10        |
|                  | 12       | 8.5       |          | KKC5-4  | 1000       | 10        | 10KKC5-4  | 100        | 10        |
|                  | 14       | 10.5      |          | KKC5-5  | 500        | 10        | 10KKC5-5  | 100        | 10        |
|                  | 16       | 12.5      |          | KKC5-6  | 500        | 10        | 10KKC5-6  | 100        | 10        |
|                  |          |           |          |         |            |           |           |            |           |
| 4.8mm<br>(3/16") | 8        | 4.0       | 4.9-5.0  | KKC6-2  | 500        | 10        | 10KKC6-2  | 100        | 10        |
|                  | 10       | 6.0       |          | KKC6-3  | 500        | 10        | 10KKC6-3  | 100        | 10        |
|                  | 12       | 8.0       |          | KKC6-4  | 500        | 10        | 10KKC6-4  | 100        | 10        |
|                  | 14       | 10.0      |          | KKC6-5  | 500        | 10        | 10KKC6-5  | 100        | 10        |
|                  | 16       | 12.0      |          | KKC6-6  | 500        | 10        | 10KKC6-6  | 100        | 10        |
|                  | 18       | 14.0      |          | KKC6-8  | 500        | 10        | 10KKC6-8  | 100        | 10        |
|                  | 20       | 16.0      |          | KKC6-10 | 250        | 10        | 10KKC6-10 | 50         | 10        |
|                  | 25       | 21.0      |          | KKC6-12 | 250        | 10        | 10KKC6-12 | 50         | 10        |
|                  |          |           |          |         |            |           |           |            |           |
| 6.4mm<br>(1/4")  | 20       | 14.0      | 6.5-6.6  | KKC8-8  | 250        | 10        | 10KKC8-8  | 50         | 10        |
|                  | 23       | 16.0      |          | KKC8-10 | 250        | 10        | 10KKC8-10 | 50         | 10        |
|                  | 25       | 18.0      |          | KKC8-12 | 250        | 10        | 10KKC8-12 | 50         | 10        |

**Large Flange Head – Open Type**


| Material                             | Finish   | Head         | Advantages  | Applications   |
|--------------------------------------|----------|--------------|---|--|
| <b>Body</b><br>Stainless (A2 304)    | Polished | Large Flange |   |  |
| <b>Mandrel</b><br>Stainless (A2 304) | Polished |              | <ul style="list-style-type: none"> <li>Strong but lower cost fastener</li> <li>Available in variety of materials and ideal for wide range of applications</li> <li>Painted colour finishes available</li> </ul> | <ul style="list-style-type: none"> <li>Office furniture</li> <li>Automotive</li> <li>Building</li> <li>Construction</li> <li>Leather production</li> </ul> |

| Large Flange Head |          |           | Box Pack |         |            |           | Hang Pack |            |           |
|-------------------|----------|-----------|----------|---------|------------|-----------|-----------|------------|-----------|
| Body Size (mm)    | Max Grip | Hole Size | Part     | Pack    | Bulk       | Part      | Pack      | Bulk       |           |
| Diameter          | Length   | mm        | mm       | No.     | Qty. (pcs) | Pack Qty. | No.       | Qty. (pcs) | Pack Qty. |
| 3.2mm<br>(1/8")   | 6        | 3.5       | 3.3-3.4  | KKL4-2  | 1000       | 10        | 10KKL4-2  | 100        | 10        |
|                   | 10       | 7.0       |          | KKL4-4  | 1000       | 10        | 10KKL4-4  | 100        | 10        |
| 4.0mm<br>(5/32")  | 12       | 8.5       | 4.1-4.2  | KKL5-4  | 500        | 10        | 10KKL5-4  | 100        | 10        |
| 4.8mm<br>(3/16")  | 12       | 8.0       | 4.9-5.0  | KKL6-4  | 250        | 10        | 10KKL6-4  | 50         | 10        |
|                   | 14       | 10.0      |          | KKL6-5  | 250        | 10        | 10KKL6-5  | 50         | 10        |
|                   | 16       | 12.0      |          | KKL6-6  | 250        | 10        | 10KKL6-6  | 50         | 10        |
|                   | 18       | 14.0      |          | KKL6-8  | 250        | 10        | 10KKL6-8  | 50         | 10        |
|                   | 20       | 16.0      |          | KKL6-10 | 250        | 10        | 10KKL6-10 | 50         | 10        |
|                   | 25       | 21.0      |          | KKL6-12 | 250        | 10        | 10KKL6-12 | 50         | 10        |

**Dome Head – Sealed Type****WATERPROOF**

| Material                             | Finish   | Head         | Advantages   | Applications  |
|--------------------------------------|----------|--------------|--|---|
| <b>Body</b><br>Stainless (A2 304)    | Polished | Dome (Truss) |  |   |
| <b>Mandrel</b><br>Stainless (A2 304) | Polished |              | <ul style="list-style-type: none"> <li>Unique cup shaped end configuration seals tight, preventing passage of vapour or liquid through set rivet.</li> <li>Provides greater tensile and shear strength than equivalent open end</li> <li>Mandrel retention.</li> </ul> | <ul style="list-style-type: none"> <li>Coach work</li> <li>Containers</li> <li>Air Conditioning</li> <li>Ship building industry &amp; cladding</li> </ul> |

| Dome Head        |          |           | Box Pack |          |            | Hang Pack |            |            |           |
|------------------|----------|-----------|----------|----------|------------|-----------|------------|------------|-----------|
| Body Size (mm)   | Max Grip | Hole Size | Part     | Pack     | Bulk       | Part      | Pack       | Bulk       |           |
| Diameter         | Length   | mm        | mm       | No.      | Qty. (pcs) | Pack Qty. | No.        | Qty. (pcs) | Pack Qty. |
| 3.2mm<br>(1/8")  | 8        | 3.0       | 3.3-3.4  | WKKD4-2  | 1000       | 10        | 10WKKD4-2  | 100        | 10        |
|                  | 10       | 4.5       |          | WKKD4-3  | 1000       | 10        | 10WKKD4-3  | 100        | 10        |
|                  | 12       | 6.5       |          | WKKD4-4  | 1000       | 10        | 10WKKD4-4  | 100        | 10        |
|                  | 14       | 8.0       |          | WKKD4-5  | 1000       | 10        | 10WKKD4-5  | 100        | 10        |
|                  | 16       | 10.5      |          | WKKD4-6  | 1000       | 10        | 10WKKD4-6  | 100        | 10        |
|                  | 18       | 12.5      |          | WKKD4-8  | 1000       | 10        | 10WKKD4-8  | 100        | 10        |
| 4.0mm<br>(5/32") | 8        | 3.0       | 4.1-4.2  | WKKD5-2  | 1000       | 10        | 10WKKD5-2  | 100        | 10        |
|                  | 12       | 6.5       |          | WKKD5-4  | 1000       | 10        | 10WKKD5-4  | 100        | 10        |
|                  | 16       | 10.0      |          | WKKD5-6  | 500        | 10        | 10WKKD5-6  | 100        | 10        |
|                  | 18       | 12.0      |          | WKKD5-8  | 500        | 10        | 10WKKD5-8  | 100        | 10        |
| 4.8mm<br>(3/16") | 8        | 3.0       | 4.9-5.0  | WKKD6-2  | 500        | 10        | 10WKKD6-2  | 100        | 10        |
|                  | 10       | 5.0       |          | WKKD6-3  | 500        | 10        | 10WKKD6-3  | 100        | 10        |
|                  | 12       | 6.5       |          | WKKD6-4  | 500        | 10        | 10WKKD6-4  | 100        | 10        |
|                  | 16       | 9.0       |          | WKKD6-6  | 500        | 10        | 10WKKD6-6  | 100        | 10        |
|                  | 18       | 10.5      |          | WKKD6-8  | 500        | 10        | 10WKKD6-8  | 100        | 10        |
|                  | 20       | 12.0      |          | WKKD6-10 | 500        | 10        | 10WKKD6-10 | 100        | 10        |
|                  | 25       | 18.0      |          | WKKD6-12 | 250        | 10        | 10WKKD6-12 | 50         | 10        |

## Copper / Steel Rivet

Copper Body / Steel Mandrel

### Dome Head – Open Type



| Material             | Finish         | Head         | Advantages  | Applications   |
|----------------------|----------------|--------------|---|--|
| <b>Body</b> Cooper   | Natural Polish | Dome (Truss) | <ul style="list-style-type: none"> <li>Strong but lower cost fastener</li> <li>Available in variety of materials and ideal for wide range of applications</li> <li>Painted colour finishes available</li> </ul> | <ul style="list-style-type: none"> <li>Office furniture</li> <li>Automotive</li> <li>Building</li> <li>Construction</li> <li>Leather production</li> </ul> |
| <b>Mandrel</b> Steel | Zinc Plated    |              |   |  |

| Dome Head       |          |           | Box Pack |        |            | Hang Pack |          |            |
|-----------------|----------|-----------|----------|--------|------------|-----------|----------|------------|
| Body Size (mm)  | Max Grip | Hole Size | Part     | Pack   | Bulk       | Part      | Pack     | Bulk       |
| Diameter        | Length   | mm        | mm       | No.    | Qty. (pcs) | Pack Qty. | No.      | Qty. (pcs) |
| 3.2mm<br>(1/8") | 6        | 3.5       | 3.3-3.4  | CSD4-2 | 1000       | 10        | 10CSD4-2 | 100        |
|                 | 8        | 5.0       |          | CSD4-3 | 1000       | 10        | 10CSD4-3 | 100        |
|                 | 10       | 7.0       |          | CSD4-4 | 1000       | 10        | 10CSD4-4 | 100        |

### Dome Head – Sealed Type



#### WATERPROOF

| Dome Head       |          |           | Box Pack |         |            | Hang Pack |           |            |
|-----------------|----------|-----------|----------|---------|------------|-----------|-----------|------------|
| Body Size (mm)  | Max Grip | Hole Size | Part     | Pack    | Bulk       | Part      | Pack      | Bulk       |
| Diameter        | Length   | mm        | mm       | No.     | Qty. (pcs) | Pack Qty. | No.       | Qty. (pcs) |
| 3.2mm<br>(1/8") | 8        | 3.0       | 3.3-3.4  | WCSD4-2 | 1000       | 10        | 10WCSD4-2 | 100        |

## Stainless Steel / Steel Rivet

Stainless (304) Body / Steel Mandrel

### Dome Head – Open Type



| Material         | Finish          | Head           | Advantages      |   |            | Applications     |  |            |           |
|------------------|-----------------|----------------|-----------------|---|------------|------------------|--|------------|-----------|
| <b>Body</b>      | Stainless (304) | Natural Polish | Dome (Truss)    | <ul style="list-style-type: none"> <li>Strong but lower cost fastener</li> <li>Available in variety of materials and ideal for wide range of applications</li> <li>Painted colour finishes available</li> </ul> |            |                  | <ul style="list-style-type: none"> <li>Office furniture</li> <li>Automotive</li> <li>Building</li> <li>Construction</li> <li>Leather production</li> </ul> |            |           |
| <b>Mandrel</b>   | Steel           | Zinc Plated    |                 |   |            |                  |  |            |           |
| <b>Dome Head</b> |                 |                | <b>Box Pack</b> |   |            | <b>Hang Pack</b> |  |            |           |
| Body Size (mm)   | Max Grip        | Hole Size      | Part            | Pack  | Bulk       | Part             | Pack   | Bulk       |           |
| Diameter         | Length          | mm             | mm              | No.   | Qty. (pcs) | Pack Qty.        | No.  | Qty. (pcs) | Pack Qty. |
| 3.2mm<br>(1/8")  | 6               | 3.5            | 3.3-3.4         | KSD4-2  | 1000       | 10               | 10KSD4-2   | 100        | 10        |
|                  | 8               | 5.0            |                 | KSD4-3  | 1000       | 10               | 10KSD4-3   | 100        | 10        |
|                  | 10              | 7.0            |                 | KSD4-4  | 1000       | 10               | 10KSD4-4   | 100        | 10        |
|                  | 14              | 11.0           |                 | KSD4-6  | 1000       | 10               | 10KSD4-6   | 100        | 10        |
| 4.0mm<br>(5/32") | 8               | 5.0            | 4.1-4.2         | KSD5-2  | 1000       | 10               | 10KSD5-2   | 100        | 10        |
|                  | 10              | 6.5            |                 | KSD5-3  | 1000       | 10               | 10KSD5-3   | 100        | 10        |
|                  | 12              | 8.5            |                 | KSD5-4  | 1000       | 10               | 10KSD5-4   | 100        | 10        |
|                  | 14              | 10.5           |                 | KSD5-5  | 500        | 10               | 10KSD5-5   | 100        | 10        |
|                  | 16              | 12.5           |                 | KSD5-6  | 500        | 10               | 10KSD5-6   | 100        | 10        |
| 4.8mm<br>(3/16") | 8               | 4.0            | 4.9-5.0         | KSD6-2  | 500        | 10               | 10KSD6-2   | 100        | 10        |
|                  | 10              | 6.0            |                 | KSD6-3  | 500        | 10               | 10KSD6-3   | 100        | 10        |
|                  | 12              | 8.0            |                 | KSD6-4  | 500        | 10               | 10KSD6-4   | 100        | 10        |
|                  | 14              | 10.0           |                 | KSD6-5  | 500        | 10               | 10KSD6-5   | 100        | 10        |
|                  | 16              | 12.0           |                 | KSD6-6  | 250        | 10               | 10KSD6-6   | 100        | 10        |
|                  | 18              | 14.0           |                 | KSD6-8  | 500        | 10               | 10KSD6-8   | 100        | 10        |
|                  | 20              | 16.0           |                 | KSD6-10   | 250        | 10               | 10KSD6-10  | 50         | 10        |
|                  | 25              | 21.0           |                 | KSD6-12   | 250        | 10               | 10KSD6-12  | 50         | 10        |

## All Steel Rivet

Steel Body / Steel Mandrel

### Dome Head – Open Type



| Material                | Finish      | Head            | Advantages  | Applications   |
|-------------------------|-------------|-----------------|---|--|
| <b>Body</b><br>Steel    | Zinc Plated | Dome<br>(Truss) | <ul style="list-style-type: none"> <li>Strong but lower cost fastener</li> <li>Available in variety of materials and ideal for wide range of applications</li> <li>Painted colour finishes available</li> </ul> | <ul style="list-style-type: none"> <li>Office furniture</li> <li>Automotive</li> <li>Building</li> <li>Construction</li> <li>Leather production</li> </ul> |
| <b>Mandrel</b><br>Steel | Zinc Plated |                 |   |  |

| Dome Head        |          |           | Box Pack |           |            | Hang Pack |            |            |           |
|------------------|----------|-----------|----------|-----------|------------|-----------|------------|------------|-----------|
| Body Size (mm)   | Max Grip | Hole Size | Part     | Pack      | Bulk       | Part      | Pack       | Bulk       |           |
| Diameter         | Length   | mm        | mm       | No.       | Qty. (pcs) | Pack Qty. | No.        | Qty. (pcs) | Pack Qty. |
| 3.2mm<br>(1/8")  | 5        | 1.5       | 3.3-3.4  | SSD4-1    | 1000       | 10        | 10SSD4-1   | 100        | 10        |
|                  | 6        | 3.5       |          | SSD4-2    | 1000       | 10        | 10SSD4-2   | 100        | 10        |
|                  | 8        | 5.0       |          | SSD4-3    | 1000       | 10        | 10SSD4-3   | 100        | 10        |
|                  | 10       | 7.0       |          | SSD4-4    | 1000       | 10        | 10SSD4-4   | 100        | 10        |
|                  | 12       | 9.0       |          | SSD4-5    | 1000       | 10        | 10SSD4-5   | 100        | 10        |
|                  | 14       | 11.0      |          | SSD4-6    | 1000       | 10        | 10SSD4-6   | 100        | 10        |
|                  | 16       | 12.5      |          | SSD4-8    | 1000       | 10        | 10SSD4-8   | 100        | 10        |
|                  | 20       | 16.5      |          | SSD4-10   | 1000       | 10        | 10SSD4-10  | 100        | 10        |
| 4.0mm<br>(5/32") | 8        | 5.0       | 4.1-4.2  | SSD5-2    | 1000       | 10        | 10SSD5-2   | 100        | 10        |
|                  | 10       | 6.5       |          | SSD5-3    | 1000       | 10        | 10SSD5-3   | 100        | 10        |
|                  | 12       | 8.5       |          | SSD5-4    | 1000       | 10        | 10SSD5-4   | 100        | 10        |
|                  | 12       | 8.5       |          | SSD5-4SM* | 500        | 10        | 10SSD5-4SM | 100        | 10        |
|                  | 14       | 10.5      |          | SSD5-5    | 1000       | 10        | 10SSD5-5   | 100        | 10        |
|                  | 16       | 12.5      |          | SSD5-6    | 500        | 10        | 10SSD5-6   | 100        | 10        |
|                  | 18       | 14.5      |          | SSD5-8    | 500        | 10        | 10SSD5-8   | 100        | 10        |
|                  | 20       | 16.0      |          | SSD5-10   | 500        | 10        | 10SSD5-10  | 100        | 10        |
|                  | 25       | 21.0      |          | SSD5-12   | 500        | 10        | 10SSD5-12  | 100        | 10        |
| 4.8mm<br>(3/16") | 8        | 4.0       | 4.9-5.0  | SSD6-2    | 500        | 10        | 10SSD6-2   | 100        | 10        |
|                  | 10       | 6.0       |          | SSD6-3    | 500        | 10        | 10SSD6-3   | 100        | 10        |
|                  | 12       | 8.0       |          | SSD6-4    | 500        | 10        | 10SSD6-4   | 100        | 10        |
|                  | 14       | 10.0      |          | SSD6-5    | 500        | 10        | 10SSD6-5   | 100        | 10        |
|                  | 16       | 12.0      |          | SSD6-6    | 500        | 10        | 10SSD6-6   | 100        | 10        |
|                  | 18       | 14.0      |          | SSD6-8    | 500        | 10        | 10SSD6-8   | 100        | 10        |

**Dome Head – Open Type**

| Dome Head        |        |          | Box Pack  |         |            | Hang Pack |           |            |           |
|------------------|--------|----------|-----------|---------|------------|-----------|-----------|------------|-----------|
| Body Size (mm)   |        | Max Grip | Hole Size | Part    | Pack       | Bulk      | Part      | Pack       | Bulk      |
| Diameter         | Length | mm       | mm        | No.     | Qty. (pcs) | Pack Qty. | No.       | Qty. (pcs) | Pack Qty. |
| 4.8mm<br>(3/16") | 16     | 12.0     | 4.9-5.0   | SSD6-6  | 500        | 10        | 10SSD6-6  | 100        | 10        |
|                  | 18     | 14.0     |           | SSD6-8  | 500        | 10        | 10SSD6-8  | 100        | 10        |
|                  | 20     | 16.0     |           | SSD6-10 | 250        | 10        | 10SSD6-10 | 50         | 10        |
|                  | 25     | 20.0     |           | SSD6-12 | 250        | 10        | 10SSD6-12 | 50         | 10        |
|                  | 27     | 22.0     |           | SSD6-14 | 250        | 10        | 10SSD6-14 | 50         | 10        |
| 6.4mm<br>(1/4")  | 30     | 25.0     |           | SSD6-16 | 250        | 10        | 10SSD6-16 | 50         | 10        |
|                  | 10     | 4.0      | 6.5-6.6   | SSD8-2  | 250        | 10        | 10SSD8-2  | 50         | 10        |
|                  | 12     | 6.0      |           | SSD8-4  | 250        | 10        | 10SSD8-4  | 50         | 10        |
|                  | 16     | 10.0     |           | SSD8-6  | 250        | 10        | 10SSD8-6  | 50         | 10        |
|                  | 20     | 14.0     |           | SSD8-8  | 250        | 10        | 10SSD8-8  | 50         | 10        |
|                  | 23     | 16.0     |           | SSD8-10 | 200        | 10        | 10SSD8-10 | 50         | 10        |
|                  | 25     | 18.0     |           | SSD8-12 | 200        | 10        | 10SSD8-12 | 50         | 10        |
| 28               | 21.0   |          |           | SSD8-14 | 200        | 10        | 10SSD8-14 | 50         | 10        |
|                  | 30     | 23.0     |           | SSD8-16 | 200        | 10        | 10SSD8-16 | 50         | 10        |

\*SM – Surfmist

**Dome Head – Open Type****HIGH STRENGTH (HEM-FIRM)**

| Material                | Finish      | Head            | Advantages   | Applications   |
|-------------------------|-------------|-----------------|--|--|
| <b>Body</b><br>Steel    | Zinc Plated | Dome<br>(Truss) | <ul style="list-style-type: none"> <li>Locked, rattle free mandrel</li> <li>Superior shear and tensile strength, soft and brittle materials inclusive</li> <li>Provides excellent integrity*</li> <li>Fills irregular holes</li> </ul> | <ul style="list-style-type: none"> <li>Automotive industry</li> <li>Truck building</li> <li>Construction work</li> <li>Coach work</li> </ul> |
| <b>Mandrel</b><br>Steel | Zinc Plated |                 |  |  |

| Dome Head       |        |          | Box Pack  |          |            | Hang Pack |            |            |           |
|-----------------|--------|----------|-----------|----------|------------|-----------|------------|------------|-----------|
| Body Size (mm)  |        | Max Grip | Hole Size | Part     | Pack       | Bulk      | Part       | Pack       | Bulk      |
| Diameter        | Length | mm       | mm        | No.      | Qty. (pcs) | Pack Qty. | No.        | Qty. (pcs) | Pack Qty. |
| 4.8<br>(3/16")  | 9.0    | 3.5      | 4.9-5.1   | HKSSD6-3 | 500        | 10        | 10HKSSD6-3 | 100        | 10        |
|                 | 11.5   | 6.0      |           | HKSSD6-4 | 500        | 10        | 10HKSSD6-4 | 100        | 10        |
|                 | 14.0   | 8.5      |           | HKSSD6-5 | 500        | 10        | 10HKSSD6-5 | 100        | 10        |
|                 | 16.5   | 11.0     |           | HKSSD6-6 | 500        | 10        | 10HKSSD6-6 | 100        | 10        |
|                 | 19.0   | 13.5     |           | HKSSD6-8 | 500        | 10        | 10HKSSD6-8 | 100        | 10        |
|                 |        |          |           |          |            |           |            |            |           |
| 6.4mm<br>(1/4") | 9.0    | 3.5      | 6.6-6.8   | HKSSD8-2 | 250        | 10        | 10HKSSD8-2 | 50         | 10        |
|                 | 12.5   | 6.5      |           | HKSSD8-4 | 250        | 10        | 10HKSSD8-4 | 50         | 10        |
|                 | 16.5   | 10.5     |           | HKSSD8-6 | 250        | 10        | 10HKSSD8-6 | 50         | 10        |
|                 | 18.5   | 12.5     |           | HKSSD8-8 | 250        | 10        | 10HKSSD8-8 | 50         | 10        |

**Dome Head – Open Type****ANLOCK RIVET (MEGA LOCK)**

Anlock Blind Rivets In-Bolt with a multi-grip clamping range and a high tensile and shear strength provides a high resistance to vibrations and a good watertight performance.

| Material                | Finish      | Head            | Advantages   | Applications   |
|-------------------------|-------------|-----------------|--|--|
| <b>Body</b><br>Steel    | Zinc Plated | Dome<br>(Truss) | <ul style="list-style-type: none"> <li>High shear and tensile strength</li> <li>Superior holding power (Clamp up)</li> <li>Fastens over wide grip range</li> <li>Locking feature prevents loosening of mandrel from vibration</li> </ul> | <ul style="list-style-type: none"> <li>Automotive industry</li> <li>Truck building</li> <li>Containers</li> <li>Construction work</li> <li>Coach work</li> </ul> |
| <b>Mandrel</b><br>Steel | Zinc Plated |                 |  |  |

| Dome Head        |          |           | Box Pack  |            |            | Hang Pack |             |            |           |
|------------------|----------|-----------|-----------|------------|------------|-----------|-------------|------------|-----------|
| Body Size (mm)   | Max Grip | Hole Size | Part      | Pack       | Bulk       | Part      | Pack        | Bulk       |           |
| Diameter         | Length   | mm        | mm        | No.        | Qty. (pcs) | Pack Qty. | No.         | Qty. (pcs) | Pack Qty. |
| 4.8mm<br>(3/16") | 10       | 6.9       | 4.9-5.1   | ANSSD6-4   | 500        | 10        | 10ANSSD6-4  | 100        | 10        |
|                  | 14       | 11.0      |           | ANSSD6-6   | 500        | 10        | 10ANSSD6-6  | 100        | 10        |
| 6.4mm<br>(1/4")  | 14       | 9.5       | 6.7-6.9   | ANSSD8-6   | 250        | 10        | 10ANSSD8-6  | 50         | 10        |
|                  | 20       | 15.8      |           | ANSSD8-10  | 200        | 10        | 10ANSSD8-10 | 50         | 10        |
| 9.8mm<br>(3/8")  | 21       | 19.0      | 10.0-10.4 | ANSSD12-12 | 100        | 10        | 10ANSSD8-6  | 50         | 10        |
|                  | 35       | 28.5      |           | ANSSD12-18 | 100        | 10        | 10ANSSD8-10 | 50         | 10        |

**Dome Head – Open Type****MG-BULB - (DOUBLE-LOCKING SYSTEM)**

Sometimes written as Magna Bulb, is a specialized type of blind rivet designed for high-strength, lightweight applications, particularly in aerospace and structural engineering.

| Material                       | Finish           | Head            | Advantages  | Applications  |
|--------------------------------|------------------|-----------------|---|---|
| <b>Body</b><br>Carbon Steel    | Gold Zinc Plated | Dome<br>(Truss) | <ul style="list-style-type: none"> <li>Bulbous Head Design</li> <li>Blind Installation</li> <li>Higher shear and tensile strength</li> <li>Lightweight</li> </ul> | <ul style="list-style-type: none"> <li>Aerospace</li> <li>Automotive &amp; Racing</li> <li>Marine &amp; Rail</li> </ul> |
| <b>Mandrel</b><br>Carbon Steel | Zinc Plated      |                 |   |   |

| Dome Head        |          |           | Box Pack |            |            | Hang Pack |              |            |           |
|------------------|----------|-----------|----------|------------|------------|-----------|--------------|------------|-----------|
| Body Size (mm)   | Max Grip | Hole Size | Part     | Pack       | Bulk       | Part      | Pack         | Bulk       |           |
| Diameter         | Length   | mm        | mm       | No.        | Qty. (pcs) | Pack Qty. | No.          | Qty. (pcs) | Pack Qty. |
| 4.8mm<br>(3/16") | 11.1     | 1.5-3.5   | 4.9-5.1  | MBSSD8-M2  | 250        | 10        | 10MBSSD8-M2  | 50         | 10        |
|                  | 12.4     | 2.8-4.8   |          | MBSSD8-M3  | 250        | 10        | 10MBSSD8-M3  | 50         | 10        |
|                  | 13.4     | 3.8-5.8   |          | MBSSD8-M4  | 250        | 10        | 10MBSSD8-M4  | 50         | 10        |
|                  | 14.4     | 4.8-6.8   |          | MBSSD8-M5  | 250        | 10        | 10MBSSD8-M5  | 50         | 10        |
|                  | 15.4     | 5.8-7.8   |          | MBSSD8-M6  | 250        | 10        | 10MBSSD8-M6  | 50         | 10        |
|                  | 16.4     | 6.8-8.8   |          | MBSSD8-M7  | 250        | 10        | 10MBSSD8-M7  | 50         | 10        |
|                  | 17.4     | 7.8-9.8   |          | MBSSD8-M8  | 250        | 10        | 10MBSSD8-M8  | 50         | 10        |
|                  | 18.4     | 8.8-10.8  |          | MBSSD8-M9  | 250        | 10        | 10MBSSD8-M9  | 50         | 10        |
|                  | 20.4     | 10.8-12.8 |          | MBSSD8-M11 | 200        | 10        | 10MBSSD8-M11 | 50         | 10        |
|                  | 22.4     | 12.8-14.8 |          | MBSSD8-M13 | 200        | 10        | 10MBSSD8-M13 | 50         | 10        |

|            | Tensile (N) | Tensile (N) |
|------------|-------------|-------------|
| MBSSD8-M2  | 8400        | 11500       |
| MBSSD8-M3  | 8400        | 12000       |
| MBSSD8-M4  | 8400        | 12200       |
| MBSSD8-M5  | 8400        | 13300       |
| MBSSD8-M6  | 8400        | 14200       |
| MBSSD8-M7  | 8400        | 15500       |
| MBSSD8-M8  | 8400        | 15500       |
| MBSSD8-M9  | 8400        | 15500       |
| MBSSD8-M11 | 8400        | 15500       |
| MBSSD8-M12 | 8400        | 15500       |

**Dome Head – Open Type – Multi-grip**


| Material                | Finish      | Head         | Advantages  | Applications   |
|-------------------------|-------------|--------------|---|--|
| <b>Body</b><br>Steel    | Zinc Plated | Dome (Truss) |   |  |
| <b>Mandrel</b><br>Steel | Zinc Plated | Multi-grip   | <ul style="list-style-type: none"> <li>Optimum clamp-up force</li> <li>Accommodates oversized and irregular sized holes</li> <li>High mandrel head retention</li> <li>Vibration and moisture resistant</li> <li>Reduced inventory, it can replace open type up to the size</li> </ul> | <ul style="list-style-type: none"> <li>Plastics</li> <li>Automotive</li> <li>Furniture industry</li> </ul> |

| Dome Head        |                            |                                     | Box Pack  |  |                                 | Hang Pack                  |  |                               |                            |
|------------------|----------------------------|-------------------------------------|---|--|---------------------------------|----------------------------|--|-------------------------------|----------------------------|
| Body Size (mm)   |                            | Max Grip                            | Hole Size   | Part   | Pack                            | Bulk                       | Part   | Pack                          | Bulk                       |
| Diameter         | Length                     | mm                                  | mm  | No.  | Qty. (pcs)                      | Pack Qty.                  | No.  | Qty. (pcs)                    | Pack Qty.                  |
| 3.2mm<br>(1/8")  | 8<br>12                    | 4.0<br>8.0                          | 3.3-3.4<br>SSDMG4-5                                       | SSDMG4-3<br>SSDMG4-5                                       | 1000<br>1000                    | 10<br>10                   | 10SSDMG4-3<br>10SSDMG4-5   | 100<br>100                    | 10<br>10                   |
| 4.0mm<br>(5/32") | 10<br>14                   | 5.0<br>9.0                          | 4.1-4.2<br>SSDMG5-5                                       | SSDMG5-3<br>SSDMG5-5                                       | 500<br>500                      | 10<br>10                   | 10SSDMG5-3<br>10SSDMG5-5   | 100<br>100                    | 10<br>10                   |
| 4.8mm<br>(3/16") | 12<br>16<br>18<br>20<br>25 | 6.5<br>10.5<br>12.5<br>14.5<br>19.0 | 4.9-5.0<br>SSDMG6-6<br>SSDMG6-8<br>SSDMG6-10<br>SSDMG6-12 | SSDMG6-4<br>SSDMG6-6<br>SSDMG6-8<br>SSDMG6-10<br>SSDMG6-12 | 500<br>500<br>250<br>250<br>250 | 10<br>10<br>10<br>10<br>10 | 10SSDMG6-4<br>10SSDMG6-6<br>10SSDMG6-8<br>10SSDMG6-10<br>10SSDMG6-12 | 100<br>100<br>100<br>50<br>50 | 10<br>10<br>10<br>10<br>10 |

**Large Flange Head – Open Type**


| Material                | Finish      | Head         | Advantages  | Applications   |
|-------------------------|-------------|--------------|---|--|
| <b>Body</b><br>Steel    | Zinc Plated | Large Flange |   |  |
| <b>Mandrel</b><br>Steel | Zinc Plated |              | <ul style="list-style-type: none"> <li>Strong but lower cost fastener</li> <li>Available in variety of materials and ideal for wide range of applications</li> <li>Painted colour finishes available</li> </ul> | <ul style="list-style-type: none"> <li>Office furniture</li> <li>Automotive</li> <li>Building</li> <li>Construction</li> <li>Leather production</li> </ul> |

| Large Flange Head |          |           | Box Pack |         |            |           | Hang Pack |            |           |
|-------------------|----------|-----------|----------|---------|------------|-----------|-----------|------------|-----------|
| Body Size (mm)    | Max Grip | Hole Size | Part     | Pack    | Bulk       | Part      | Pack      | Bulk       |           |
| Diameter          | Length   | mm        | mm       | No.     | Qty. (pcs) | Pack Qty. | No.       | Qty. (pcs) | Pack Qty. |
| 3.2mm<br>(1/8")   | 6        | 3.5       | 3.3-3.4  | SSL4-2  | 1000       | 10        | 10SSL4-2  | 100        | 10        |
|                   | 10       | 7.0       |          | SSL4-4  | 1000       | 10        | 10SSL4-4  | 100        | 10        |
| 4.8mm<br>(3/16")  | 12       | 8.0       | 4.9-5.0  | SSL6-4  | 250        | 10        | 10SSL6-4  | 50         | 10        |
|                   | 16       | 11.5      |          | SSL6-6  | 250        | 10        | 10SSL6-6  | 50         | 10        |
|                   | 18       | 13.5      |          | SSL6-8  | 250        | 10        | 10SSL6-8  | 50         | 10        |
|                   | 20       | 15.0      |          | SSL6-10 | 250        | 10        | 10SSL6-10 | 50         | 10        |
|                   | 25       | 20.0      |          | SSL6-12 | 250        | 10        | 10SSL6-12 | 50         | 10        |

**Countersunk Head – Open Type**


| Material                | Finish      | Head        | Advantages  | Applications   |
|-------------------------|-------------|-------------|---|--|
| <b>Body</b><br>Steel    | Zinc Plated | Countersunk | <ul style="list-style-type: none"> <li>Strong but lower cost fastener</li> <li>Available in variety of materials and ideal for wide range of applications</li> <li>Painted colour finishes available</li> </ul> | <ul style="list-style-type: none"> <li>Office furniture</li> <li>Automotive</li> <li>Building</li> <li>Construction</li> <li>Leather production</li> </ul> |
| <b>Mandrel</b><br>Steel | Zinc Plated |             |   |  |

| Countersunk Head |          |           | Box Pack |         |            | Hang Pack |           |            |           |
|------------------|----------|-----------|----------|---------|------------|-----------|-----------|------------|-----------|
| Body Size (mm)   | Max Grip | Hole Size | Part     | Pack    | Bulk       | Part      | Pack      | Bulk       |           |
| Diameter         | Length   | mm        | mm       | No.     | Qty. (pcs) | Pack Qty. | No.       | Qty. (pcs) | Pack Qty. |
| 3.2mm<br>(1/8")  | 6        | 3.5       | 3.3-3.4  | SSC4-2  | 1000       | 10        | 10SSC4-2  | 100        | 10        |
|                  | 8        | 5.0       |          | SSC4-3  | 1000       | 10        | 10SSC4-3  | 100        | 10        |
|                  | 10       | 7.0       |          | SSC4-4  | 1000       | 10        | 10SSC4-4  | 100        | 10        |
|                  | 12       | 9.0       |          | SSC4-5  | 1000       | 10        | 10SSC4-5  | 100        | 10        |
|                  | 14       | 11.0      |          | SSC4-6  | 1000       | 10        | 10SSC4-6  | 100        | 10        |
|                  |          |           |          |         |            |           |           |            |           |
| 4.0mm<br>(5/32") | 8        | 5.0       | 4.1-4.2  | SSC5-2  | 1000       | 10        | 10SSC5-2  | 100        | 10        |
|                  | 10       | 6.5       |          | SSC5-3  | 1000       | 10        | 10SSC5-3  | 100        | 10        |
|                  | 12       | 8.5       |          | SSC5-4  | 1000       | 10        | 10SSC5-4  | 100        | 10        |
|                  | 14       | 10.5      |          | SSC5-5  | 1000       | 10        | 10SSC5-5  | 100        | 10        |
|                  | 16       | 12.5      |          | SSC5-6  | 500        | 10        | 10SSC5-6  | 100        | 10        |
|                  |          |           |          |         |            |           |           |            |           |
| 4.8mm<br>(3/16") | 8        | 4.0       | 4.9-5.0  | SSC6-2  | 500        | 10        | 10SSC6-2  | 100        | 10        |
|                  | 10       | 6.0       |          | SSC6-3  | 500        | 10        | 10SSC6-3  | 100        | 10        |
|                  | 12       | 8.0       |          | SSC6-4  | 500        | 10        | 10SSC6-4  | 100        | 10        |
|                  | 14       | 10.0      |          | SSC6-5  | 500        | 10        | 10SSC6-5  | 100        | 10        |
|                  | 16       | 12.0      |          | SSC6-6  | 500        | 10        | 10SSC6-6  | 100        | 10        |
|                  | 18       | 14.0      |          | SSC6-8  | 250        | 10        | 10SSC6-8  | 50         | 10        |
|                  | 20       | 16.0      |          | SSC6-10 | 250        | 10        | 10SSC6-10 | 50         | 10        |

## Countersunk Head – Open Type



### ANLOCK RIVET (MEGA LOCK)

Anlock Blind Rivets In-Bolt with a multi-grip clamping range and a high tensile and shear strength provides a high resistance to vibrations and a good watertight performance.

| Material         | Finish      | Head            | Advantages   | Applications   |
|------------------|-------------|-----------------|--|--|
| Body<br>Steel    | Zinc Plated | Dome<br>(Truss) | <ul style="list-style-type: none"> <li>High shear and tensile strength</li> <li>Superior holding power (Clamp up)</li> <li>Fastens over wide grip range</li> <li>Locking feature prevents loosening of mandrel from vibration</li> </ul> | <ul style="list-style-type: none"> <li>Automotive industry</li> <li>Truck building</li> <li>Containers</li> <li>Construction work</li> <li>Coach work</li> </ul> |
| Mandrel<br>Steel | Zinc Plated |                 |  |  |

| Dome Head        |        |          | Box Pack  |            |            | Hang Pack |              |            |           |
|------------------|--------|----------|-----------|------------|------------|-----------|--------------|------------|-----------|
| Body Size (mm)   |        | Max Grip | Hole Size | Part       | Pack       | Bulk      | Part         | Pack       | Bulk      |
| Diameter         | Length | mm       | mm        | No.        | Qty. (pcs) | Pack Qty. | No.          | Qty. (pcs) | Pack Qty. |
| 4.8mm<br>(3/16") | 12     | 8.4      | 4.9-5.1   | ANSSC6-6   | 500        | 10        | 10ANSSC6-6   | 100        | 10        |
|                  | 16     | 12.7     |           | ANSSC6-8   | 500        | 10        | 10ANSSC6-8   | 100        | 10        |
| 6.4mm<br>(1/4")  | 16     | 12.1     | 6.7-6.9   | ANSSC8-8   | 250        | 10        | 10ANSSC8-8   | 100        | 10        |
|                  | 23     | 18.4     |           | ANSSC8-12  | 150        | 10        | 10ANSSC8-12  | 100        | 10        |
| 9.8mm<br>(3/8")  | 26     | 19.0     | 10.0-10.4 | ANSSC12-12 | 100        | 10        | 10ANSSC12-12 | 50         | 10        |

## Double Countersunk Head – Open Type



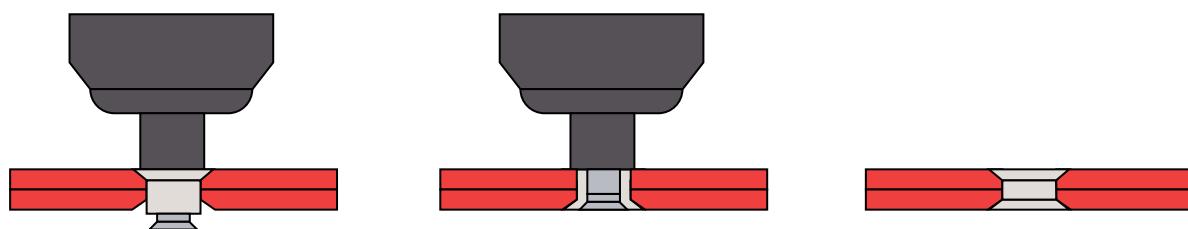
### PULL-THRU RIVET

Pull-Thru rivet are unique double countersunk blind rivets. They are designed to set surface flush on both sides of an application

| Material                | Finish      | Head                  | Advantages  | Applications  |
|-------------------------|-------------|-----------------------|---|---|
| <b>Body</b><br>Steel    | Zinc Plated | Double<br>Countersunk | <ul style="list-style-type: none"> <li>Works well for sheet-metal parts with tight space constraints.</li> <li>Requires sink holes on both sides for proper riveting.</li> <li>No nail head drops after riveting, ensuring cleaner results.</li> <li>Produces flat, flush surfaces on both sides after riveting.</li> </ul> | <ul style="list-style-type: none"> <li>Electronics industry</li> <li>Many low-clearance industrial applications.</li> </ul> |
| <b>Mandrel</b><br>Steel | Zinc Plated |                       |   |   |

| Countersunk Head |        |           | Box Pack  |           |            |           | Hang Pack   |            |           |  |
|------------------|--------|-----------|-----------|-----------|------------|-----------|-------------|------------|-----------|--|
| Body Size (mm)   |        | Max Grip  | Hole Size | Part      | Pack       | Bulk      | Part        | Pack       | Bulk      |  |
| Diameter         | Length | mm        | mm        | No.       | Qty. (pcs) | Pack Qty. | No.         | Qty. (pcs) | Pack Qty. |  |
| 3.0mm<br>(1/8")  | 2.5    | 1.5 - 2.0 | 3.3-3.4   | PTSSC3025 | 1000       | 10        | 10PTSSC3025 | 100        | 10        |  |
|                  | 2.8    | 2.0 - 2.5 |           | PTSSC3030 | 1000       | 10        | 10PTSSC3030 | 100        | 10        |  |
|                  | 3.3    | 2.5 - 3.0 |           | PTSSC3035 | 1000       | 10        | 10PTSSC3035 | 100        | 10        |  |
|                  | 3.8    | 3.0 - 3.5 |           | PTSSC3040 | 1000       | 10        | 10PTSSC3040 | 100        | 10        |  |
|                  | 4.3    | 3.5 - 4.0 |           | PTSSC3045 | 1000       | 10        | 10PTSSC3045 | 100        | 10        |  |
|                  | 4.8    | 4.0 - 4.5 |           | PTSSC3050 | 1000       | 10        | 10PTSSC3050 | 100        | 10        |  |
|                  | 5.3    | 4.5 - 5.0 |           | PTSSC3055 | 1000       | 10        | 10PTSSC3055 | 100        | 10        |  |
|                  | 5.8    | 5.0 - 5.5 |           | PTSSC3060 | 1000       | 10        | 10PTSSC3060 | 100        | 10        |  |
|                  | 6.3    | 5.5 - 6.0 |           | PTSSC3065 | 1000       | 10        | 10PTSSC3065 | 100        | 10        |  |

### Set Up:



## Monel Rivet

Monel (Nickel Copper Alloy) Body / Steel Mandrel

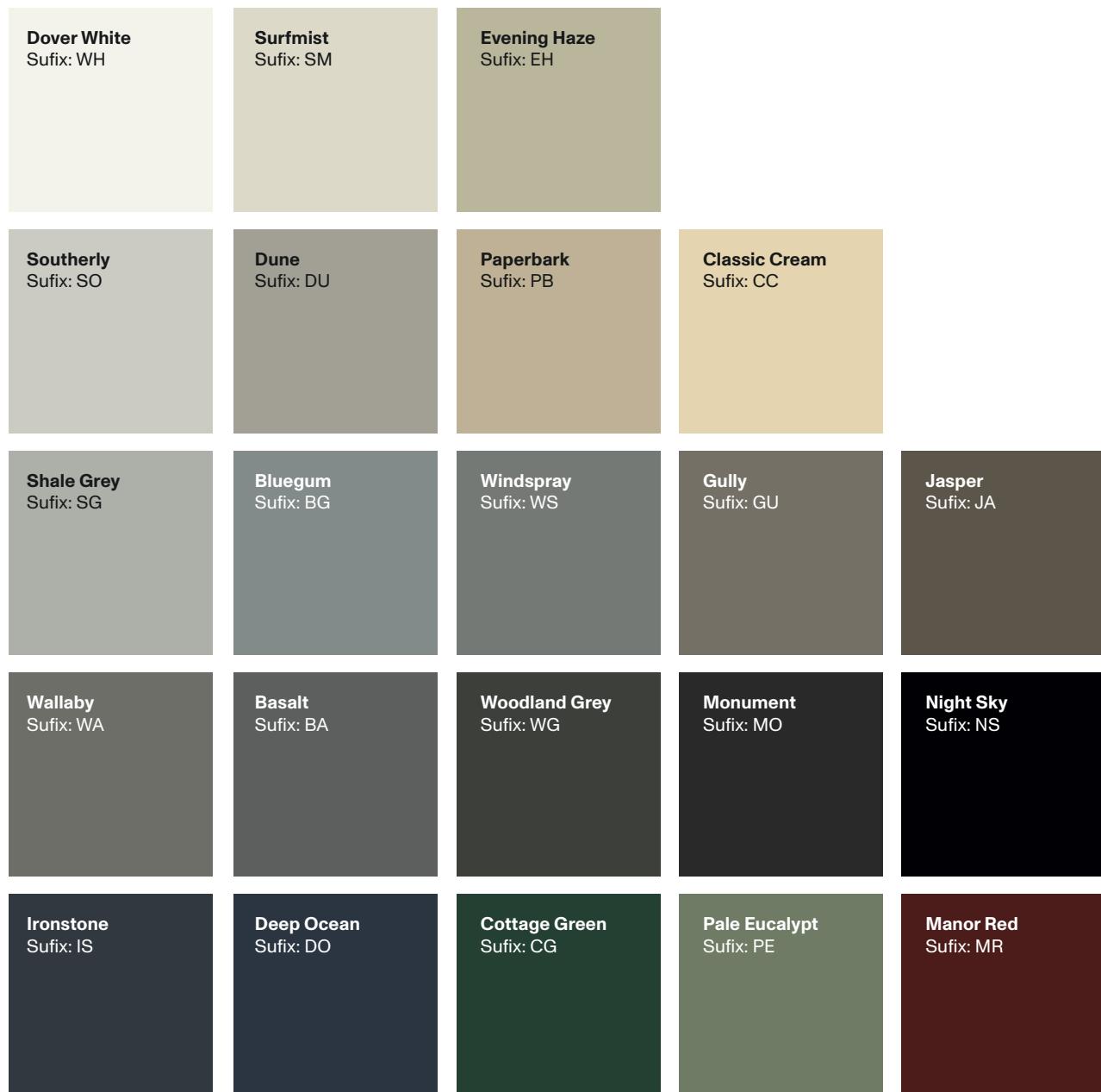
### Dome Head – Open Type



| Material         |               |           | Finish      | Head         | Advantages |           | Applications |            |
|------------------|---------------|-----------|-------------|--------------|------------|-----------|--------------|------------|
| <b>Body</b>      | Nickel Copper |           | Zinc Plated | Dome (Truss) |            |           |              |            |
| <b>Mandrel</b>   | Steel         |           | Zinc Plated |              |            |           |              |            |
| <b>Dome Head</b> |               |           |             |              |            |           |              |            |
| Body Size (mm)   | Max Grip      | Hole Size | Part        | Pack         | Bulk       | Part      | Pack         | Bulk       |
| Diameter         | Length        | mm        | mm          | No.          | Qty. (pcs) | Pack Qty. | No.          | Qty. (pcs) |
| 3.2mm<br>(1/8")  | 6             | 3.5       | 3.3-3.4     | MSD4-2       | 1000       | 10        | 10MSD4-2     | 100        |
|                  | 8             | 5.0       |             | MSD4-3       | 1000       | 10        | 10MSD4-3     | 100        |
|                  | 10            | 7.0       |             | MSD4-4       | 1000       | 10        | 10MSD4-4     | 100        |
|                  | 12            | 9.0       |             | MSD4-5       | 1000       | 10        | 10MSD4-5     | 100        |
|                  | 14            | 11.0      |             | MSD4-6       | 1000       | 10        | 10MSD4-6     | 100        |
|                  |               |           |             |              |            |           |              |            |
| 4.0mm<br>(5/32") | 8             | 5.0       | 4.1-4.2     | MSD5-2       | 1000       | 10        | 10MSD5-2     | 100        |
|                  | 10            | 6.5       |             | MSD5-3       | 1000       | 10        | 10MSD5-3     | 100        |
|                  | 12            | 8.5       |             | MSD5-4       | 500        | 10        | 10MSD5-4     | 100        |
|                  | 14            | 10.5      |             | MSD5-5       | 500        | 10        | 10MSD5-5     | 100        |
|                  | 16            | 12.5      |             | MSD5-6       | 500        | 10        | 10MSD5-6     | 100        |
|                  |               |           |             |              |            |           |              |            |
| 4.8mm<br>(3/16") | 8             | 4.0       | 4.9-5.0     | MSD6-2       | 500        | 10        | 10MSD6-2     | 100        |
|                  | 10            | 6.0       |             | MSD6-3       | 500        | 10        | 10MSD6-3     | 100        |
|                  | 12            | 8.0       |             | MSD6-4       | 500        | 10        | 10MSD6-4     | 100        |
|                  | 14            | 10.0      |             | MSD6-5       | 500        | 10        | 10MSD6-5     | 100        |
|                  | 16            | 12.0      |             | MSD6-6       | 500        | 10        | 10MSD6-6     | 100        |
|                  | 18            | 14.0      |             | MSD6-8       | 250        | 10        | 10MSD6-8     | 100        |

## Colour Chart

### BlueScope Steel COLORBOND® Colours



\*COLORBOND® brand mark and colour names are registered trade marks of BlueScope Steel Limited™ and colour names are trade marks of BlueScope Steel Limited.

\*\* The colours depicted represent actual colours as accurately as possible. However, we recommend checking colours against actual samples, as varying screens and devices may affect colour tones and finishes

## TOWER Rivet Colours

BlueScope Steel COLORBOND\* Colours

### TOWER Rivet Colours

|                  | Suffix | ASD4-2XX | ASD4-3XX | ASD4-4XX | ASD4-6XX | ASD4-8XX | ASD4-10XX | ASD5-4XX | ASD6-4XX |
|------------------|--------|----------|----------|----------|----------|----------|-----------|----------|----------|
| Basalt           | BA     |          | ●        |          |          |          |           | ●        |          |
| Bluegun          | BG     |          | ●        |          |          |          |           |          |          |
| Bushland         | BL     | ●        | ●        | ●        |          |          |           | ●        |          |
| Blue Ridge       | BR     |          | ●        | ●        |          |          |           | ●        |          |
| Bronze           | BZ     | ●        | ●        | ●        | ●        |          | ●         |          |          |
| Classic Cream    | CC     | ●        | ●        | ●        | ●        |          |           | ●        | ●        |
| Cottage Green    | CG     | ●        | ●        | ●        |          |          |           | ●        | ●        |
| Cove             | CO     |          | ●        |          |          |          |           |          |          |
| Cotta Sands      | CS     |          | ●        |          |          |          |           |          |          |
| Dark Bronze      | DB     | ●        |          | ●        |          |          |           | ●        |          |
| Deep Ocean       | DO     | ●        | ●        | ●        |          |          |           | ●        |          |
| Dune             | DU     | ●        | ●        | ●        |          | ●        |           | ●        |          |
| Dover White      | DW     |          | ●        |          |          |          |           | ●        |          |
| Evening Haze     | EH     |          | ●        | ●        |          |          |           | ●        |          |
| Federation Green | FG     |          | ●        |          |          |          |           |          |          |
| Federation Red   | FR     |          | ●        |          |          |          |           |          |          |
| Gold             | GO     | ●        | ●        | ●        |          |          |           |          |          |
| Gully            | GU     |          | ●        |          |          |          |           |          |          |
| Hammersley Brown | HB     |          | ●        | ●        |          |          |           |          |          |
| Headland         | HL     | ●        | ●        | ●        |          |          |           | ●        |          |
| Ironstone        | IS     |          | ●        | ●        |          |          |           | ●        |          |
| Iron Bark        | IB     | ●        |          |          |          |          |           | ●        |          |
| Jasper           | JP     |          | ●        | ●        |          |          |           | ●        |          |
| Loft             | LT     |          | ●        | ●        |          |          |           | ●        |          |
| Mangrove         | MA     |          | ●        |          |          |          |           | ●        |          |
| Monument         | MM     | ●        | ●        | ●        | ●        |          | ●         | ●        | ●        |
| Manor Red        | MR     | ●        | ●        | ●        |          |          |           | ●        |          |
| Night Sky        | NS     | ●        | ●        | ●        | ●        | ●        | ●         | ●        | ●        |
| Paperbark        | PB     | ●        | ●        | ●        |          | ●        |           | ●        | ●        |
| Pale Eucalypt    | PE     | ●        | ●        | ●        |          | ●        |           | ●        |          |
| Plantation       | PL     |          | ●        | ●        |          |          |           | ●        |          |
| Primrose         | PR     | ●        | ●        | ●        | ●        |          | ●         | ●        |          |
| Pale Terracotta  | PT     | ●        | ●        | ●        |          |          |           | ●        |          |
| Rivera           | RI     |          | ●        |          |          |          |           |          |          |
| Sandbank         | SB     |          | ●        | ●        |          |          |           | ●        |          |
| Shale Grey       | SG     | ●        | ●        | ●        |          |          |           | ●        |          |
| Surfmist         | SM     | ●        | ●        | ●        | ●        | ●        |           | ●        | ●        |

**TOWER Rivet Colours**

|               | Suffix | ASD4-2XX | ASD4-3XX | ASD4-4XX | ASD4-6XX | ASD4-8XX | ASD4-10XX | ASD5-4XX | ASD6-4XX |
|---------------|--------|----------|----------|----------|----------|----------|-----------|----------|----------|
| Southerly     | SO     |          | ●        |          |          |          |           |          |          |
| Stone         | ST     | ●        | ●        | ●        |          |          |           | ●        |          |
| Torres Blue   | TB     | ●        | ●        | ●        |          |          |           | ●        |          |
| Terrain       | TE     |          | ●        |          |          |          |           |          |          |
| Wallaby       | WA     |          | ●        |          |          |          |           |          |          |
| White Birch   | WB     | ●        | ●        | ●        |          |          | ●         | ●        |          |
| Wheat         | WE     | ●        | ●        | ●        |          |          |           | ●        |          |
| Woodland Grey | WG     | ●        | ●        | ●        |          |          |           | ●        | ●        |
| White         | WH     | ●        | ●        | ●        | ●        | ●        | ●         | ●        | ●        |
| Wilderness    | WN     | ●        | ●        | ●        |          |          |           | ●        |          |
| Windspray     | WS     | ●        | ●        | ●        |          | ●        |           | ●        |          |

**TOWER Rivet Colours**

|           | Suffix | ASD5-3XX | ASD5-5XX | ASD5-6XX | ASD5-8XX | ASD6-5XX | ASD6-6XX | ASD6-8XX |
|-----------|--------|----------|----------|----------|----------|----------|----------|----------|
| Monument  | MM     |          |          |          |          | ●        | ●        | ●        |
| Night Sky | NS     | ●        | ●        | ●        | ●        |          | ●        | ●        |
| Surfmist  | SM     |          |          | ●        |          | ●        | ●        | ●        |
| White     | WH     |          | ●        | ●        |          | ●        | ●        | ●        |

**TOWER Rivet Colours**

|             | Suffix | ASDMG5-4XX | ASDMG5-6XX | ASDMG6-4XX | ASDMG6-8XX | KKD4-3XX | KKD5-4XX | SSD5-4XX |
|-------------|--------|------------|------------|------------|------------|----------|----------|----------|
| Astro       | AS     | ●          |            |            |            |          |          |          |
| Basalt      | BA     | ●          |            |            |            |          |          |          |
| Cove        | CO     | ●          |            |            |            |          |          |          |
| Gully       | GU     | ●          |            |            |            |          |          |          |
| Mangrove    | MA     | ●          |            |            |            |          |          |          |
| Night Sky   | NS     |            | ●          |            |            | ●        |          |          |
| Paperbark   | PB     |            |            |            |            |          | ●        |          |
| Primrose    | PR     |            |            |            |            |          | ●        |          |
| Surfmist    | SM     | ●          | ●          | ●          | ●          |          | ●        | ●        |
| Terrain     | TE     | ●          |            |            |            |          |          |          |
| Wallaby     | WA     | ●          |            |            |            |          |          |          |
| White       | WH     |            | ●          |            |            |          |          |          |
| White birch | WB     |            |            |            |            | ●        |          |          |

**TOWER Rivet Colours**

|               | Suffix | AALBT5-6XX | AALBT6-6XX | KKD4-2XX | SSD4-3XX | ASL6-4XX | ASL6-6XX | ASL6-8XX |
|---------------|--------|------------|------------|----------|----------|----------|----------|----------|
| Night Sky     | NS     | ●          | ●          |          | ●        | ●        | ●        | ●        |
| Pale Eucalypt | PE     |            |            | ●        |          |          |          |          |

## Drill Bits

### Rivet Related Products

#### High-Speed Steel (M35) – Cobalt Double End Drills

##### Features

- M35 Cobalt Steel:** Contains 5% Cobalt for enhanced heat resistance and durability, allowing for faster cutting and a longer lifespan than standard M2 steel.
- 135° Split Point:** A sharper cutting angle designed for quicker and easier penetration into materials compared to standard 118° points.
- Double-Ended Design:** Provides two functional cutting ends, effectively doubling the drill's working life.
- Ideal for Stainless Steel:** Specifically recommended for efficient and reliable drilling in stainless steel sheet metal.



| Product Code (SKU) | Size |       | Overall Length |        | Flute Length | Pack  |
|--------------------|------|-------|----------------|--------|--------------|-------|
|                    | #    | Inch  | D (mm)         | L (mm) | FL (mm)      | (pcs) |
| HSS-CoDBDN30       | 30   | 1/8"  | 3.3            | 62     | 9.5          | 10    |
| HSS-CoDBDN20       | 20   | 5/32" | 4.1            | 55     | 13           | 10    |
| HSS-CoDBDN11       | 11   | 3/16" | 4.85           | 49     | 16           | 10    |

#### High-Speed Steel (M2) – Cobalt Double End Drills

##### Features

- High-Speed Steel (M2):** Durable drill bits designed for creating rivet holes in flat and curved panels, commonly used in sheet metal fabrication.
- 135° Split Point:** Features a sharper tip for faster and easier penetration into materials compared to standard 118° points.
- Double-Ended Design:** Provides two functional cutting ends, effectively doubling the drill's working life.
- Bright Finish:** A general-purpose finish suitable for drilling various materials including sheet metal, aluminum, plastics, and fiberglass.



| Product Code (SKU) | Size |       | Overall Length |        | Flute Length | Pack  |
|--------------------|------|-------|----------------|--------|--------------|-------|
|                    | #    | Inch  | D (mm)         | L (mm) | FL (mm)      | (pcs) |
| HSS-DBDN30         | 30   | 1/8"  | 3.3            | 62     | 9.5          | 10    |
| HSS-DBDN20         | 20   | 5/32" | 4.1            | 55     | 13           | 10    |
| HSS-DBDN11         | 11   | 3/16" | 4.85           | 49     | 16           | 10    |

## Rivet Tools

Hand Riveters are a hand operated riveter for open type blind rivets. A versatile tool for joining sheet metal, fabrication, leather, plastic parts, etc.

### HR-901

#### SUPPORTED RIVET

Size: 250mm

| mm                    | 2.4   | 3.2  | 4.0   | 4.8   |
|-----------------------|-------|------|-------|-------|
| Inch                  | 3/32" | 1/8" | 5/32" | 3/16" |
| Aluminium / Aluminium | ●     | ●    | ●     | ●     |
| Aluminium / Steel     | ●     | ●    | ●     | ●     |



### HR-902

#### SUPPORTED RIVET

Size: 250mm

| mm                    | 2.4   | 3.2  | 4.0   | 4.8   |
|-----------------------|-------|------|-------|-------|
| Inch                  | 3/32" | 1/8" | 5/32" | 3/16" |
| Aluminium / Aluminium | ●     | ●    | ●     | ●     |
| Aluminium / Steel     | ●     | ●    | ●     | ●     |



## HR-908 (Industry Model)

### SUPPORTED RIVET

Size: 250mm

| mm                    | 2.4   | 3.2  | 4.0   | 4.8   |
|-----------------------|-------|------|-------|-------|
| Inch                  | 3/32" | 1/8" | 5/32" | 3/16" |
| Aluminium / Aluminium | ●     | ●    | ●     | ●     |
| Aluminium / Steel     | ●     | ●    | ●     | ●     |
| Steel / Steel         | ●     | ●    | ●     | ●     |
| Stainless / Steel     | ●     | ●    | ●     | ●     |
| All Stainless         | ●     | ●    | ●     |       |



## HR-702 (Heavy-Duty)

### SUPPORTED RIVET

Size: 330mm

| mm                    | 2.4   | 3.2  | 4.0   | 4.8   | 6.4  |
|-----------------------|-------|------|-------|-------|------|
| Inch                  | 3/32" | 1/8" | 5/32" | 3/16" | 1/4" |
| Aluminium / Aluminium | ●     | ●    | ●     | ●     | ●    |
| Aluminium / Steel     | ●     | ●    | ●     | ●     |      |
| Steel / Steel         | ●     | ●    | ●     | ●     |      |
| Stainless / Steel     | ●     | ●    | ●     | ●     |      |
| All Stainless         | ●     | ●    | ●     | ●     |      |



## HR-8000 (Lazy Tong Rivet Gun)

### SUPPORTED RIVET

Size: 305mm

| mm                    | 3.2  | 4.0   | 4.8   | 6.4  |
|-----------------------|------|-------|-------|------|
| Inch                  | 1/8" | 5/32" | 3/16" | 1/4" |
| Aluminium / Aluminium | ●    | ●     | ●     | ●    |
| Aluminium / Steel     | ●    | ●     | ●     | ●    |
| Steel / Steel         | ●    | ●     | ●     | ●    |
| Stainless / Steel     | ●    | ●     | ●     | ●    |
| All Stainless         | ●    | ●     | ●     |      |



## Blind Rivets

### Application and Usage

#### What are rivets?

A blind rivet, also known as a pop rivet, is a type of fastener used to join materials together, particularly in applications where access to the joint is only available from one side. It consists of a smooth cylindrical shaft with a head on one end and a mandrel (a small metal rod) through the centre.

Blind Rivets can be used as an alternative in certain circumstances to welding, self tapping screws or nuts and bolts.

Blind rivets are widely used due to their convenience and effectiveness in creating strong, reliable joints without the need for access to both sides of the materials being joined.

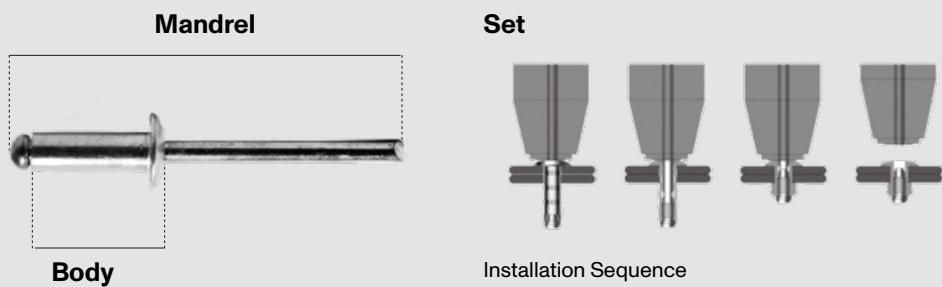
#### Components

**Body**

The main part that remains in the material after installation.

**Mandrel**

A stem that runs through the centre of the rivet body and is used to deform the rivet during installation.



#### Types of blind rivets

**Standard Blind Rivets**

General all-purpose use

**Sealed Blind Rivets**

Provide watertight seals, useful in outdoor or marine environments.

**Structural Blind Rivets**

Designed for higher strength applications.

## Applications and Uses

### Aerospace

- Lightweight and strong fastening.
- Highly resistant to vibrations

### Automotive

- Assembly of body panels and other components.
- Structural repairs, installation of new panels or attaching plastics, bumpers and other accessories
- Exterior panels and exposed body parts (stainless-steel rivets).

### Construction

- General fabrication, joining metal sheets and other materials.
- Doors, windows and framing
- HVAC installation

### Electronics

- Securing components in place.
- Circuit board assembly

### Manufacturing and Assembly

- Sheet metal fabrication and joinery
- Tamper-proof parts and appliance assembly
- Joining softer materials (e.g. leather, rubber and plastics) with harder materials

## Installation Process

### Pilot Hole

A pilot hole is drilled through the materials to be joined.

### Blind Rivet Insertion

The rivet is inserted into the pilot hole.

### Setting

A pneumatic rivet gun or hand rivet tool is used to pull the mandrel of the rivet, which causes the rivet body to expand and clamp the materials together

### Breaking Off

The mandrel snaps off at a predetermined break point, leaving the expanded rivet body securely in place.



## Why use Blind Rivets over other fasteners?

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### Advantages

|                                       |  |
|---------------------------------------|--|
| <b>One-Sided Access</b>               | Blind rivets are ideal for applications where only one side of the materials being joined can be accessed. This makes them highly versatile for use in confined spaces or complex assemblies.  |
| <b>Ease of Installation</b>           | Blind rivets are quick and easy to install using a rivet gun or tool, which makes them suitable for high-speed production environments. No special skills or heavy machinery are required.   |
| <b>Versatility</b>                    | Blind rivets can join a wide range of materials and multi-materials, including metals, plastics, and composites. They are available in various materials (aluminum, steel, stainless steel, etc.) to suit different applications and environments. |
| <b>Strong and Reliable Joints</b>     | They provide a strong, permanent, and vibration-resistant joint, making them suitable for applications requiring durability and reliability.   |
| <b>Cost-Effective</b>                 | Blind rivets are relatively inexpensive and require minimal tooling, making them a cost-effective fastening solution for many industries.  |
| <b>No Heat or Sparks</b>              | Unlike welding, blind rivets do not require heat or produce sparks, making them safe for use in flammable or explosive environments.   |
| <b>Light weight</b>                   | Blind rivets, especially those made from aluminum, are lightweight, which is advantageous in industries like aerospace and automotive where weight reduction is critical.  |
| <b>Aesthetic Finish</b>               | They provide a clean and finished appearance on the accessible side of the work piece, which is important for applications where aesthetics matter.  |
| <b>Wide Range of Sizes and Styles</b> | Blind rivets come in various sizes, head styles, and grip ranges, allowing them to be tailored to specific applications.   |
| <b>Corrosion Resistance</b>           | Stainless steel rivets or rivets that have coatings that provide excellent corrosion resistance are often more suitable for outdoor or harsh environments.   |
| <b>Joining different materials</b>    | Effective for joining different types of materials, including sheet metals, plastics, wood, and composites   |
| <b>Minimal Surface Damage</b>         | The installation process causes little to no marring on the surface of the joined materials, unlike welding or certain screws.   |

## Choosing the right Blind Rivet type

### Step 1

#### Understand the Application

|                               |  |
|-------------------------------|--|
| <b>Materials being joined</b> | Identify the types of materials (e.g., metal, plastic, composite) and their thicknesses.   |
| <b>Environment</b>            | Consider exposure to moisture, chemicals, temperature extremes, or other harsh conditions. |
| <b>Load Requirements</b>      | Determine the type of load (shear, tensile, or both) and the required strength.            |
| <b>Appearance</b>             | Decide if a flush or protruding head is acceptable.  |

### Step 2

#### Choose the right Blind Rivet type

| BLIND RIVET TYPE            | DESCRIPTION   | BEST FOR   |
|-----------------------------|---|--|
| <b>Standard Blind Rivet</b> | General-purpose rivets with a domed head.           | Light to medium-duty applications.                     |
| <b>Countersunk Rivet</b>    | Flush head for a smooth surface.                    | Applications where a flat surface is required.         |
| <b>Large Flange Rivet</b>   | Wider flange for better load distribution.          | Soft or brittle materials.                             |
| <b>Structural Rivet</b>     | Higher strength and load-bearing capacity.          | Heavy-duty applications.                               |
| <b>Multi-Grip Rivet</b>     | Accommodates a wider range of material thicknesses. | Applications with variable material thickness.         |
| <b>Sealed Rivet</b>         | Watertight and airtight, with a sealed mandrel.     | Applications requiring a leak-proof joint.             |
| <b>Peel Rivet</b>           | Mandrel expands into multiple legs for a wide grip. | Soft or brittle materials like plastics or composites. |

**Step 3**

## Select the Rivet Material

| MATERIAL        | PROPERTIES   | BEST FOR  |
|-----------------|--|---|
| Aluminium       | Lightweight, corrosion-resistant, moderate strength.     | Joining aluminum or non-ferrous metals.                             |
| Steel           | High strength, prone to rust unless coated.              | Heavy-duty applications with steel or iron.                         |
| Stainless Steel | High strength, excellent corrosion resistance.           | Marine, chemical, and high-temperature environments.                |
| Monel           | Excellent corrosion resistance, especially in saltwater. | Marine and chemical industries.                                     |
| Copper          | Good conductivity, corrosion-resistant.                  | Electrical and roofing applications.                                |
| Plastic         | Lightweight, non-conductive, and corrosion-resistant.    | Electronics, automotive interiors, and non-structural applications. |

**Step 4**

## Determine the size and grip range

**Diameter**

Choose the rivet diameter based on the load requirements and material thickness. Common diameters range from 2.4mm to 9.8mm

**Grip Range**

Ensure the rivet's grip range matches the combined thickness of the materials being joined. Blind rivets are available in standard and multi-grip options.

**Step 5**

## Consider the head style

| Head Style        | Description                                | Best For                               |
|-------------------|--|--|
| Dome Head         | Protruding rounded head.                   | General-purpose applications.          |
| Countersunk Head  | Flush head for a smooth surface.           | Aerodynamic or aesthetic applications. |
| Large Flange Head | Wider flange for better load distribution. | Soft or brittle materials.             |

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**Step 6****Check for special requirements**

|                               |  |
|-------------------------------|--|
| <b>Corrosion Resistance</b>   | Use stainless steel, Monel, or sealed rivets for harsh environments.       |
| <b>Temperature Resistance</b> | Use stainless steel, titanium or high-temperature rivets for extreme heat. |
| <b>Watertight/Airtight</b>    | Use sealed rivets for leak-proof joints.                                   |
| <b>Vibration Resistance</b>   | Use structural or large flange rivets for high-vibration environments.     |

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**Step 7****Installation Tools**

|                            |   |
|----------------------------|---|
| <b>Pop Rivet Gun</b>       | Standard tool for installing blind rivets can be hand operated or electric. |
| <b>Pneumatic Rivet Gun</b> | For high-volume or industrial applications.                                 |
| <b>Manual Rivet Tool</b>   | Hand-operated tool for small-scale or DIY projects.                         |

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**Step 8****Testing and Validation**

- Perform a test installation to ensure the rivet fits properly and provides the required strength.
- Check for any signs of loosening, corrosion, or failure under load.

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**Quick Reference Table**

| Factor      | Consideration  |
|-------------|--|
| Material    | Match rivets material to the materials being joined and the environment. |
| Type        | Choose based on load requirements, material thickness, and head style.   |
| Size        | Select diameter and grip range based on material thickness and load.     |
| Environment | Consider corrosion, temperature, and chemical exposure.                  |
| Appearance  | Decide if a flush or protruding head is needed.                          |

If you have any specific queries or details about your application, please contact us and we can provide tailored recommendations.

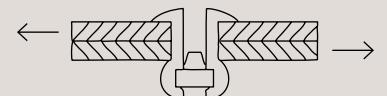
## Definitions

### Material

The type of material the rivet is made from (e.g., aluminum, steel, stainless steel, copper, titanium).

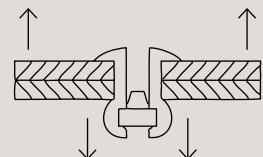
### Shear Strength

The maximum load the rivet can withstand before failing due to shear force.



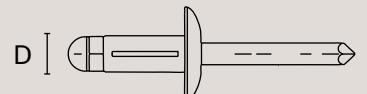
### Tensile Strength

The maximum load the rivet can withstand before failing due to tension.



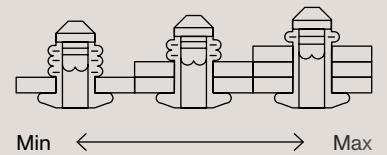
### Diameter (D)

The diameter of the rivet shank, often denoted by (D)



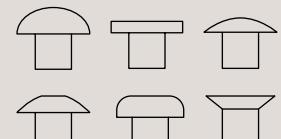
### Grip Range

The range of material thicknesses the rivet can accommodate.



### Head Style

The shape of the rivet head (e.g. Dome head, countersunk head, and large flange head, etc).



### Installation Method

How the rivet is installed (e.g., blind rivets, solid rivets, drive rivets).

### Corrosion Resistance

Information on how well the type of rivet resists corrosion, especially in specific environments.

## Rivet Materials

### Aluminium

**Advantages** Lightweight, good corrosion resistance, and cost-effective.

**Applications** Widely used in aerospace, automotive, and general manufacturing

**Variants** Aluminium rivets can have aluminium mandrels or steel mandrels for added strength

### Steel

**Advantages** High strength and durability.

**Applications** Suitable for heavy-duty applications in construction, machinery, and automotive industries.

**Variants** Can be plain steel, zinc-plated, or stainless steel for corrosion resistance.

### Stainless Steel

**Advantages** Excellent corrosion resistance and high strength.

**Applications** Ideal for harsh environments, such as marine, chemical, and food processing industries.

**Variants** Common grades include 304 and 316 stainless steel.

### Copper

**Advantages** Good electrical conductivity and corrosion resistance.

**Applications** Often used in electrical or other specialised applications.

### Monel

**Advantages** High strength, excellent corrosion resistance, and good performance in high-temperature environments.

**Applications** Used in marine, chemical, and aerospace industries

**Composition** Nickel-copper alloy.

### Brass & Plastic

**Advantages** Good corrosion resistance and aesthetic appeal.

**Applications** Commonly used in decorative applications, electronics, and plumbing

### Titanium

**Advantages** High strength-to-weight ratio and excellent corrosion resistance.

**Applications** Used in aerospace, medical, and high-performance applications.

## Rivet Selection Consideration

By selecting the appropriate material, you can ensure the blind rivet performs effectively and reliably in its intended application.

| Factor                | Consideration  |
|-----------------------|--|
| Strength Requirements | Choose materials that provide the necessary tensile and shear strength for the application.                                  |
| Corrosion Resistance  | Consider the environment (e.g., exposure to moisture, chemicals) to select a material with appropriate corrosion resistance. |
| Compatibility         | Ensure the rivet material is compatible with the materials being joined to avoid galvanic corrosion.                         |
| Temperature           | Consider the operating temperature range, especially for high-temperature applications.                                      |

## Rivet Head Types

### Dome Head (Round Head or Truss Head)



| Description  | Applications   |
|--|--|
| The most common type, with a rounded, dome-shaped top. | General-purpose use where a smooth, rounded finish is desired. |

### Countersunk Head (Flat Head)



| Description   | Applications  |
|---|---|
| Features a wider flange (the flat part under the head) for greater load distribution. | Used in softer materials or where additional holding power is required. |

### Large Flange Head



| Description  | Applications   |
|--|--|
| Flat on top, designed to sit flush with the surface of the material. | General-purpose use where a smooth, rounded finish is desired. |

### Bullet Head



| Description  | Applications   |
|--|--|
| The most common type, with a rounded, dome-shaped top. | General-purpose use where a smooth, rounded finish is desired. |

## Blind Rivets (Open Style)

## Size &amp; Grip Range



| Metric |                 |             |                 |
|--------|-----------------|-------------|-----------------|
| Code   | Size (Diameter) | Length (mm) | Grip Range (mm) |
| 3-2    | 2.4mm (3/32")   | 6.0         | 0.5-4.0         |
| 3-3    |                 | 8.0         | 4.0-6.0         |
| 3-4    |                 | 10.0        | 6.0-8.0         |
| 4-1    | 3.2mm (1/8")    | 4.0         | 0.5-1.5         |
| 4-2    |                 | 6.0         | 1.5-3.5         |
| 4-3    |                 | 8.0         | 3.5-5.0         |
| 4-4    |                 | 10.0        | 5.0-7.0         |
| 4-5    |                 | 12.0        | 7.0-9.0         |
| 4-6    |                 | 14.0        | 9.0-11.0        |
| 4-8    |                 | 16.0        | 9.0-12.5        |
| 4-10   |                 | 20.0        | 12.5-16.5       |
| 4-11   |                 | 22.0        | 15.0-19.0       |
| 4-12   |                 | 25.0        | 15.0-21.0       |
| 5-1    | 4.0mm (5/32")   | 4.0         | 1.0-3.0         |
| 5-2    |                 | 6.0         | 3.0-5.0         |
| 5-3    |                 | 8.0         | 4.0-6.5         |
| 5-4    |                 | 10.0        | 6.0-8.5         |
| 5-5    |                 | 12.0        | 7.0-10.5        |
| 5-6    |                 | 14.0        | 8.0-12.5        |
| 5-8    |                 | 16.0        | 10.0-14.5       |
| 5-10   |                 | 20.0        | 12.0-16.0       |
| 5-12   |                 | 25.0        | 16.0-21.0       |
| 6-1    | 4.8mm (3/16")   | 4.0         | 1.0-2.5         |
| 6-2    |                 | 6.0         | 2.5-4.0         |
| 6-3    |                 | 8.0         | 4.0-6.0         |
| 6-4    |                 | 10.0        | 6.0-8.0         |
| 6-5    |                 | 12.0        | 8.0-10.0        |
| 6-6    |                 | 14.0        | 9.0-12.0        |
| 6-8    |                 | 16.0        | 10.0-14.0       |
| 6-10   |                 | 20.0        | 12.0-16.0       |
| 6-12   |                 | 25.0        | 16.0-21.0       |
| 6-14   |                 | 27.0        | 20.0-22.0       |
| 6-16   |                 | 30.0        | 21.0-25.0       |
| 6-20   |                 | 35.0        | 25.0-30.0       |
| 6-22   |                 | 40.0        | 30.0-35.0       |

| Metric |                 |             |                 |
|--------|-----------------|-------------|-----------------|
| Code   | Size (Diameter) | Length (mm) | Grip Range (mm) |
| 8-2    | 6.4mm (1/4")    | 10.0        | 1.5-4.0         |
| 8-4    |                 | 12.0        | 3.0-6.0         |
| 8-6    |                 | 16.0        | 6.0-10.0        |
| 8-8    |                 | 20.0        | 10.0-14.0       |
| 8-10   |                 | 23.0        | 12.0-16.0       |
| 8-12   |                 | 25.0        | 14.0-18.0       |
| 8-14   |                 | 28.0        | 18.0-21.0       |
| 8-16   |                 | 30.0        | 18.0-23.0       |

## Recommended Drill Sizes



| Rivet Size | Diameter |          | Drill Size |         |          |
|------------|----------|----------|------------|---------|----------|
|            | Metric   | Imperial | No.        | Metric  | Imperial |
| No.3       | 2.4mm    | 3/32"    | #41        | 2.5-2.6 | 3/32"    |
| No.4       | 3.2mm    | 1/8"     | #30        | 3.3-3.4 | 1/8"     |
| No.5       | 4.0mm    | 5/32"    | #20        | 4.1-4.2 | 5/32"    |
| No.6       | 4.8mm    | 3/16"    | #11        | 4.9-5.0 | 3/16"    |
| No.6       | 5.2mm    | 13/64"   | #4         | 5.3-5.4 | 13/64"   |
| No.8       | 6.4mm    | 1/4"     | #F         | 6.5-6.6 | 1/4"     |
| No.9       | 7.7mm    | 5/16"    | #O         | 7.8-7.9 | 5/16"    |
| No.12      | 9.8mm    | 3/8"     | #X         | 9.9-10  | 3/8"     |

## Blind Rivet Strength

### Open Type



| Rivet Size            | No.3<br>2.4mm (3/32") |                | No.4<br>3.2mm (1/8") |                | No.5<br>4.0mm (5/32") |                | No.6<br>4.8mm (3/16") |                | No.8<br>6.4mm (1/4") |      |
|-----------------------|-----------------------|----------------|----------------------|----------------|-----------------------|----------------|-----------------------|----------------|----------------------|------|
| Material              | Strength              | Tensile<br>(N) | Shear<br>(N)         | Tensile<br>(N) | Shear<br>(N)          | Tensile<br>(N) | Shear<br>(N)          | Tensile<br>(N) | Shear<br>(N)         |      |
| Aluminium5050         | 280                   | 180            | 500                  | 400            | 1000                  | 800            | 1500                  | 1300           | 3000                 | 2200 |
| Aluminium5052         | 350                   | 250            | 700                  | 500            | 1200                  | 850            | 1800                  | 1500           | 3400                 | 2700 |
| Aluminium5056         | 600                   | 450            | 1100                 | 850            | 2000                  | 1400           | 3000                  | 2000           | 5200                 | 3800 |
| Steel                 |                       |                | 1285                 | 1060           | 1990                  | 1550           | 2920                  | 2300           | 5400                 | 4350 |
| Stainless Steel       |                       |                | 2500                 | 1800           | 3800                  | 3100           | 6000                  | 4500           | 8850                 | 6500 |
| Copper                |                       |                | 1000                 | 1000           | 1600                  | 1200           | 2600                  | 2400           | 4800                 | 3800 |
| Nickel Copper (Monel) |                       |                | 2000                 | 1550           | 3110                  | 2440           | 4440                  | 3550           | 8220                 | 6220 |

### Open Type – High Strength



| Rivet Size          | No.6<br>4.8mm (3/16") |                |              | No.8<br>6.4mm (1/4") |              |
|---------------------|-----------------------|----------------|--------------|----------------------|--------------|
| Material            | Strength              | Tensile<br>(N) | Shear<br>(N) | Tensile<br>(N)       | Shear<br>(N) |
| All Aluminium       |                       |                |              | 3400                 | 4200         |
| All Steel           | 4400                  | 6000           |              | 7920                 | 7700         |
| All Stainless Steel |                       |                |              | 8300                 | 14000        |

**Open Type – Anlock (Mega)**


| Rivet Size          | No.6<br>4.8mm (3/16") |             | No.8<br>6.4mm (1/4") |             | No.12<br>9.8mm (3/8") |                 |                |
|---------------------|-----------------------|-------------|----------------------|-------------|-----------------------|-----------------|----------------|
| Material            | Strength              | Tensile (N) | Shear (N)            | Tensile (N) | Shear (N)             | Tensile Min.(N) | Shear Min. (N) |
| All Aluminium       | 2225                  | 2700        | 3960                 | 5785        |                       |                 |                |
| All Steel           | 4440                  | 5780        | 8220                 | 11120       | 15500                 | 25000           |                |
| All Stainless Steel | 4440                  | 5800        | 8010                 | 10500       |                       |                 |                |

**Open Type – Bulb-Tite (Tri-firm)**


| Rivet Size    | No.5<br>4.0mm (5/32") |             | No.6<br>4.8mm (3/16") |             | No.6<br>5.2mm (13/64") |             | No.8<br>6.4mm (1/4") |             | No.9<br>7.7mm (19/64") |             |           |
|---------------|-----------------------|-------------|-----------------------|-------------|------------------------|-------------|----------------------|-------------|------------------------|-------------|-----------|
| Material      | Strength              | Tensile (N) | Shear (N)             | Tensile (N) | Shear (N)              | Tensile (N) | Shear (N)            | Tensile (N) | Shear (N)              | Tensile (N) | Shear (N) |
| All Aluminium | 750                   | 550         | 950                   | 750         | 1800                   | 2700        | 2500                 | 3780        | 4400                   | 5600        |           |

**Open Type – Peel**


| Rivet Size      | No.4<br>3.2mm (1/8") |             | No.5<br>4.0mm (5/32") |             | No.6<br>4.8mm (3/16") |                 |                |
|-----------------|----------------------|-------------|-----------------------|-------------|-----------------------|-----------------|----------------|
| Material        | Strength             | Tensile (N) | Shear (N)             | Tensile (N) | Shear (N)             | Tensile Min.(N) | Shear Min. (N) |
| Aluminium/Steel | 700                  | 500         | 1000                  | 850         | 1700                  | 1700            |                |

**Open Type – Multi-Grip**


| Rivet Size      |          | No.4<br>3.2mm (1/8") |              | No.5<br>4.0mm (5/32") |              | No.6<br>4.8mm (3/16") |                  |
|-----------------|----------|----------------------|--------------|-----------------------|--------------|-----------------------|------------------|
| Material        | Strength | Tensile<br>(N)       | Shear<br>(N) | Tensile<br>(N)        | Shear<br>(N) | Tensile<br>Min.(N)    | Shear<br>Min.(N) |
| Aluminium/Steel | 850      | 650                  | 1500         | 950                   | 2000         | 1320                  |                  |
| Steel/Steel     | 1200     | 1000                 | 2000         | 1500                  | 2900         | 2400                  |                  |
| All Stainless   | 2000     | 1700                 | 3400         | 2700                  | 4500         | 4000                  |                  |

**Open Type – Grooved**


| Rivet Size      |          | No.5<br>4.0mm (5/32") |              | No.6<br>4.8mm (3/16") |              |
|-----------------|----------|-----------------------|--------------|-----------------------|--------------|
| Material        | Strength | Tensile<br>(N)        | Shear<br>(N) | Tensile<br>(N)        | Shear<br>(N) |
| Aluminium/Steel | 120      |                       | 850          | 1800                  | 1500         |

**Sealed Type – Water Proof**


| Rivet Size      |          | No.4<br>3.2mm (1/8") |              | No.5<br>4.0mm (5/32") |              | No.6<br>4.8mm (3/16") |              | No.8<br>6.4mm (1/4") |              |
|-----------------|----------|----------------------|--------------|-----------------------|--------------|-----------------------|--------------|----------------------|--------------|
| Material        | Strength | Tensile<br>(N)       | Shear<br>(N) | Tensile<br>(N)        | Shear<br>(N) | Tensile<br>(N)        | Shear<br>(N) | Tensile<br>(N)       | Shear<br>(N) |
| All Aluminium   | 540      | 460                  | 760          | 720                   | 1400         | 1100                  |              |                      |              |
| Aluminium5056   | 1350     | 1100                 | 2200         | 1600                  | 3100         | 2200                  | 4900         | 3600                 |              |
| Stainless Steel | 2200     | 2000                 | 3500         | 3000                  | 4400         | 4000                  |              |                      |              |
| Copper/Steel    | 1000     | 800                  |              |                       |              |                       |              |                      |              |

## Rivet Material Compatibility

Rivet material compatibility is crucial for ensuring the longevity, strength, and performance of the rivet and joint. The choice of rivet type and material will depend on the materials being joined, the environment, and the application requirements.

Set out below is a general guide to rivet material and material compatibility.

This table is provided for guidance purposes only; it does not address specific climatic conditions or your specific requirements.

### Key

| Not Good                                     | Mild Only  |
|--|--|
| Generally incompatible or poor compatibility | Compatible in mild conditions (e.g. certain rural and suburban environments) |
| Good   | Very Good  |
| Good compatibility                           | Very good compatibility  |

### Material

| Rivet Material  | Aluminium   | Copper      | Steel       | Copper-Nickel | Stainless Steel | Brass |
|-----------------|-------------|-------------|-------------|---------------|-----------------|-------|
| Aluminium       | Green       | Red         | Light Green | Light Green   | Green           | Red   |
| Copper          | Red         | Green       | Red         | Green         | Light Green     | Green |
| Steel           | Light Green | Red         | Green       | Light Green   | Green           | Red   |
| Copper/Steel    | Light Green | Green       | Light Green | Light Green   | Green           | Red   |
| Stainless Steel | Green       | Light Green | Green       | Green         | Green           | Green |
| Nickel-Copper   | Light Green | Light Green | Green       | Green         | Light Green     | Green |

## Galvanic Corrosion Consideration

- Corrosion is more likely to occur in harsh environments (e.g. marine and industrial environments).
- Painting or physically coating both metals provides protection
- Data and compatibility will vary depending on both atmosphere and temperature.
- When joining dissimilar metals, galvanic corrosion can occur if the materials are not compatible. To minimise this:
  - Use insulating washers or coatings.
  - Choose rivet materials that are close to the materials being joined on the galvanic series.
  - Avoid combining aluminium rivets with steel or copper materials without proper insulation.

## Environmental Factors

### Saltwater/Marine Environments

Use stainless steel, Monel, or titanium rivets.

### High-Temperature Applications

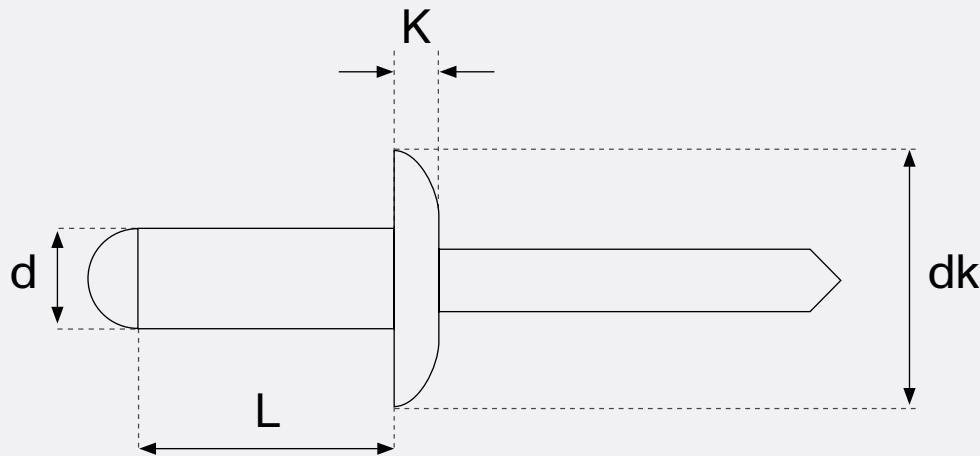
Use stainless steel or titanium rivets.

### Chemical Exposure

Use Monel, stainless steel, or plastic rivets depending on the chemical.

## Measuring Rivets

Measuring a rivet involves determining its key dimensions to ensure it fits properly and performs its intended function.



### Measurement Steps

#### Diameter of the Rivet Shank (d)

- Use a caliper to measure the diameter of the rivet's shank (the cylindrical part that goes through the materials being joined).
- Place the caliper jaws around the shank and record the measurement.

#### Length of the Rivet (L)

- Measure the total length of the rivet from the underside of the head to the tip of the shank.
- Ensure the caliper is straight and aligned with the rivet for an accurate measurement.

#### Head Diameter (dk)

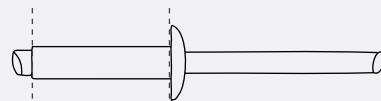
- Measure the diameter of the rivet head using the caliper.
- This is important for applications where the head size affects the rivet's performance or appearance.

#### Head Height (K)

- Measure the height of the rivet head from the base to the top of the head.
- This ensures the head will sit properly when installed.

## Measuring Different Rivet Types

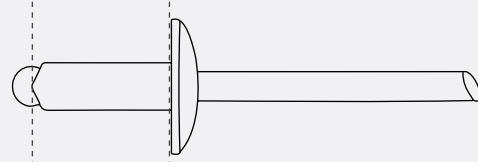
**Dome Head**



**Countersunk Head**



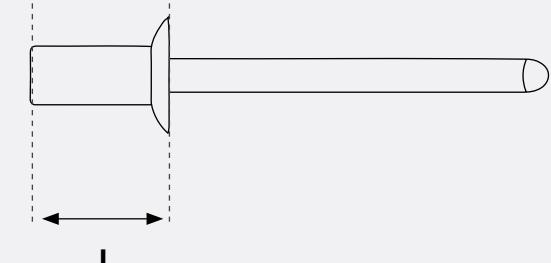
**Large Flange Head**



**Dome Head – Sealed**



**Countersunk Head – Sealed**



L

## Tools Needed

**Caliper**

For precise measurement

**Ruler or Tape Measure**

For rough measurements

**Magnifying Glass**

If the rivet is very small

## Tips

- Always measure multiple rivets from the same batch to ensure consistency.
- Refer to manufacturer specifications if available, as they often provide detailed dimensions.

## Problems & Suggested Solutions

By addressing these common problems and following the suggested solutions, you can ensure proper installation and performance of blind rivets in your applications. Always refer to manufacturer guidelines and specifications for optimal results.

### Rivet not holding properly

**Problem:** The rivet fails to secure the materials together, resulting in a loose or weak joint.

| Causes   | Solutions  |
|--|--|
| Incorrect rivet length or diameter for the materials being joined. | Ensure the rivet length and diameter is appropriate for the materials. |
| Holes size is too large or too small.                              | Holes size is too large or too small.                                  |
| Insufficient grip range for the material thickness.                | Insufficient grip range for the material thickness.                    |

### Rivet head breaking off

**Problem:** The mandrel breaks off before the rivet is fully set, leaving an incomplete joint.

| Causes                                      | Solutions  |
|---|--|
| Excessive force applied during installation | Use a rivet gun with the correct pulling force for the rivet size. |
| Misalignment of the rivet gun.              | Ensure the rivet gun is aligned properly with the rivet.           |
| Poor-quality rivets or mandrels.            | Use high-quality rivets from reputable manufacturers.              |

### Rivet mandrel stuck in the rivet

**Problem:** The mandrel does not break off cleanly and remains stuck in the rivet.

| Causes   | Solutions  |
|--|--|
| Rivet gun is not powerful enough for the rivet size. | Use a rivet gun with sufficient pulling force.   |
| Mandrel is corroded or damaged.                      | Inspect rivets for damage or corrosion before use.                                       |
| Incorrect rivet type for the application.            | Choose the correct rivet type (e.g., stainless steel mandrels for corrosion resistance). |

### Rivet head cracking or deforming

**Problem:** The rivet head cracks or deforms during installation.

| Causes  | Solutions  |
|---|--|
| Excessive force applied during installation.                            | Apply consistent, moderate force during installation.                                      |
| Rivet material is not suitable for the application (e.g., too brittle). | Select rivets made from appropriate materials (e.g., aluminum, steel, or stainless steel). |
| Holes edges are sharp or uneven.  | Deburr the holes edges to ensure a smooth surface.   |

## Corrosion of Rivets

**Problem:** Rivets corrode over time, weakening the joint.

| Causes   | Solutions  |
|--|--|
| Use of non-corrosion-resistant rivets in harsh environments. | Use rivets made from corrosion-resistant materials (e.g., stainless steel or monel). |
| Dissimilar metals causing galvanic corrosion.                | Avoid combining dissimilar metals (e.g., aluminum rivets with steel sheets).         |
| Apply protective coatings if necessary.                      |  |

## Rivet Spinning in the Hole

**Problem:** The rivet spins in the hole during installation, preventing proper setting.

| Causes                       | Solutions  |
|------------------------------|--|
| Holes diameter is too large. | Use the correct drill bit size for the hole.     |
| Rivet diameter is too small. | Ensure the rivet diameter matches the hole size. |

## Difficulty Removing Rivets

**Problem:** Rivets are hard to remove for repairs or replacements.

| Causes   | Solutions   |
|--|---|
| Rivets are installed too tightly.                | Use a drill to carefully remove the rivet head.   |
| No access to the back of the rivet for drilling. | Consider using removable rivets (e.g., screw-type rivets) for applications requiring frequent disassembly |

## Improper Rivet Selection

**Problem:** The rivet type is not suitable for the application, leading to failure.

| Causes   | Solutions  |
|--|--|
| Lack of understanding of rivet types (e.g., solid, blind, structural). | Consult rivet specifications and guidelines for the application.                           |
| Incorrect material or strength for the application.                    | Choose the appropriate rivet type based on load requirements and environmental conditions. |

## Rivet Gun Malfunction

**Problem:** The rivet gun fails to set the rivet properly

| Causes  | Solutions  |
|---|--|
| Worn-out or damaged rivet gun jaws.                   | Regularly inspect and replace worn-out jaws or nosepieces. |
| Insufficient air pressure (for pneumatic rivet guns). | Ensure proper air pressure for pneumatic tools.            |
| Incorrect nosepiece size for the rivet.               | Use the correct nosepiece for the rivet size.              |

## Blind Rivet Removal

Removing a blind rivet (also known as a pop rivet) can be challenging, especially if you don't have access to the backside of the rivet. However, with the right tools and techniques, it can be done efficiently. Below are step-by-step methods for removing blind rivets:

By following these methods, you can effectively remove blind rivets without causing significant damage to the materials.

### Tools Needed

|   |                                       |
|---|---------------------------------------|
| <b>Drill and Drill Bits</b><br>(slightly larger than rivet mandrel) | <b>Flathead Screwdriver or Chisel</b> |
| <b>Centre Punch</b>   | <b>Pliers or Rivet Removal Tool</b>   |
| <b>Hammer</b>   | <b>Safety Goggles and Gloves</b>      |

### Method 1

#### Drilling Out the Rivet

This is the most common and effective method for removing blind rivets.

|                                     |   |
|-------------------------------------|---|
| <b>Safety First</b>                 | Wear safety goggles and gloves to protect yourself from metal shavings and debris.  |
| <b>Locate the Rivet</b>             | Identify the rivet you want to remove.  |
| <b>Centre Punch the Rivet</b>       | Use a center punch and hammer to create a small indentation in the center of the rivet head. This will help guide the drill bit and prevent it from slipping. |
| <b>Select the Correct Drill Bit</b> | Choose a drill bit slightly larger than the mandrel (the thin, broken-off piece in the center of the rivet) but smaller than the rivet head.                  |
| <b>Drill into the Rivet Head</b>    | Carefully drill into the centre of the rivet head. Apply steady pressure and avoid drilling too deep to prevent damaging the underlying material.             |
| <b>Remove the Rivet Head</b>        | Once the head is drilled through, it should separate from the shank. Use pliers to pull out any remaining pieces of the rivet shank.                          |
| <b>Clean the Hole</b>               | Remove any debris from the hole to prepare for a new rivet or fastener.   |

## Method 2

### Prying Off the Rivet head

If you don't have a drill, you can try prying off the rivet head.

#### Use a Flathead Screwdriver or Chisel

Insert the tool under the edge of the rivet head.

#### Lever the Head Off

Gently pry upward to lift and remove the rivet head. Be careful not to damage the surrounding material.

#### Remove the Shank

Once the head is removed, use pliers to pull out the remaining rivet shank.

## Method 3

### Using a Rivet Removal Tool

Specialised rivet removal tools are available for quick and easy removal.

#### Insert the Tool

Place the rivet removal tool over the rivet head.

#### Drill or Cut the Rivet

The tool will drill or cut through the rivet head, allowing it to be removed.

#### Extract the Shank

Use pliers to pull out the remaining shank.

## Method 4

### Grinding the Rivet Head

For larger or stubborn rivets, a grinder can be used.

#### Grind the Rivet Head

Use an angle grinder to carefully grind off the rivet head. Be cautious not to damage the surrounding material.

#### Remove the Shank

Once the head is removed, use pliers to extract the shank.

## Tips

- Always wear safety gear to protect yourself from sharp edges and debris.
- Use the correct drill bit size to avoid enlarging the hole unnecessarily.
- If the rivet is in a tight space, consider using a right-angle drill attachment.
- For stubborn rivets, apply a penetrating oil (e.g., WD-40) to loosen the rivet before removal.

## Hang Packs

Our most popular products are available in economical and commercial-friendly packaging.

Contact us for more information about our products on (02) 9636 2369 or email us at [sales@tower-tr.com.au](mailto:sales@tower-tr.com.au)



### Features

#### Economical

These lightweight packs can be easily carried and stored, either suspended from a hook or retained upright.

#### Commercial Standard

Each individual package contains a standard quantity of both 50 and 100 pieces, ideal for commercial retail.

#### Reusable

The resealable zip-lock function allows the contents to remain sealed when unused.

# Terms & Conditions of Sale

## 1. Definitions

Unless the context otherwise requires:

**Customer or you** means the person, legal entity and/or their agent or any person with access to the customer account provided by Tower Fastening System acquiring, ordering or offering to acquire Products from Tower Fastening System.

**GST** means Goods & Services Tax as defined under the A New Tax System (Goods and Services Tax) Act 1999 (Cth).

**Jintin or Tower Fastening System** means Jintin Trading Pty Ltd, trading as Tower Fastening System (ABN 086 863 327) and its related bodies corporate.

**Products** mean all products (including but not limited to screws, rivets, tools and drive bits), services and/or equipment supplied or to be supplied by Tower Fastening System to a Customer.

**Terms & Conditions** means these terms and conditions of trade, as amended or updated from time to time by Tower Fastening System.

**TOWER® Fastening Systems** and **TR** are registered trademarks of Tower Fastening System.

**PPSA** means the Personal Property Securities Act 2009 (Cth) and its associated regulations as varied from time to time.

**PPSR** refers to the Personal Property Securities Register established under the PPS Act.

## 2. Applicability of these Terms & Conditions

- Unless otherwise expressly agreed in writing by Tower Fastening System, these Terms & Conditions will apply to all quotations, orders, promotions and offers in relation to the sale, supply, service and replacement of any Products offered by Tower Fastening System, and will take precedence over any purchase order, contract or other document issued by you.
- Any order or quotation for Products submitted, placed or communicated to Tower Fastening System by a Customer will be deemed to be an offer pursuant to, and incorporate these, Terms and Conditions.
- Tower Fastening System reserves the rights to amend these Terms and Conditions periodically at its sole discretion, including by updating its website: <https://www.tower-tr.com.au/terms.html>.

## 3. Prices

- The price payable for Products shall be the current price advised by Tower Fastening System at the day of dispatch.
- The box quantities referred to in Tower Fastening System's price list and online ordering platform are the minimum sale quantity that must be ordered for any purchase of Products.
- All Product prices quoted by Tower Fastening System are subject to change at Tower Fastening System's sole discretion, however, where reasonably possible, Tower Fastening System will endeavour to provide advance notice of any price change.
- Without limitation, changes to Product pricing may be necessary to correct errors or allow for unforeseen increases in the cost of labour, materials, freight, foreign exchange rates, taxes, duty or other levies taking effect prior to the date of delivery.

- You may contact Tower Fastening System to request or quote alternative pricing for bulk or special orders.

- All Product prices displayed are exclusive of GST and, where applicable, Tower Fastening System will charge you any applicable GST payable on the Products.

## 4. Payment

- Payment for all Products must be made by the Customer to Tower Fastening System within 30 days after the end of the current calendar month in which the products and/or services are ordered.

## 5. Title and Risk

- The delivery of any Products is deemed to have occurred when:
  - the Products are unloaded at the delivery place by Tower Fastening System (or its designated freight provider); or
  - you (or your designated freight provider) commence loading of the Products.
- Risk in the Products passes upon delivery occurring in accordance with clause 5.1 above.
- Legal and equitable title, property and ownership in any Products sold or supplied by Tower Fastening System only passes on receipt of full payment by Tower Fastening System in full, cleared funds and without any deduction or set-off.
- Until ownership of the Products passes to the Customer in accordance with clause 5.3, you must:
  - properly store and protect the Products and keep the Products separate from other goods and maintain Tower Fastening System's labelling and packaging;
  - hold the goods as fiduciary bailee and agent for Tower Fastening System;
  - hold the proceeds of any sale of the Products on trust for Tower Fastening System;
- In addition to its rights under the PPSA, Tower Fastening System may, with notice, enter any premises where it suspects the goods are and remove them, notwithstanding that they may have been attached to other goods not the property of the Customer, and for this purpose you irrevocably licence Tower Fastening System to enter such premises and also indemnify Tower Fastening System from and against all costs, claims, demands or actions by any party arising from such action.

## 6. Returns

- The customer is obliged to open and check all Products supplied by Tower Fastening System and to report any alleged deficiency within 7 days of delivery of the Products.
- Tower Fastening System will replace, repair or refund any defective or faulty Products as statutorily required under the Australian Consumer Law found in the Competition and Consumer Act 2010 (Cth).
- Any return claims in respect of Products made by the Customer must:
  - be notified to Tower Fastening System within 7 days of delivery of the Products and be accompanied by the original return claim;
  - contain the original attached invoice for the Products provided by Tower Fastening System; and

(c) contain all relevant Products subject of the return claim (including original packaging) in a reasonably satisfactory condition as originally supplied to the Customer.

6.4. Examples of unsatisfactory condition under 8.1(c) which may trigger clause 6.5 include, but are not limited to:

- (a) damaged or missing Products;
- (b) damaged or missing packaging;
- (c) altered or used Products; or
- (d) Products which are otherwise not in saleable condition.

6.5. Failure to comply with the conditions outlined in clause 6.3 will result in a 15% Product restocking fee being charged to the Customer at their expense.

6.6. Tower Fastening System will provide a credit for any defective Products returned validly in accordance with this clause 6.

## 7. No Warranty and Disclaimers

7.1. To the greatest extent permitted by law, Tower Fastening System does not provide any express or implied warranty, undertaking or guarantee as to the condition, fitness for purpose, quality, performance, appearance, merchantability, completeness or accuracy of any Products and any excludable warranties, guarantees, third-party liabilities and are expressly excluded and disclaimed by Tower Fastening System.

7.2. You acknowledge that such information and materials may contain mistakes, inaccuracies or errors and we expressly disclaim and exclude any liability for such to the fullest extent permissible by law.

7.3. Where Tower Fastening System's Products are acquired or held out as being acquired for re-supply or being used or transformed, in trade or commerce, in the course of a process of production, manufacture, repair or treating of other goods or fixtures on land, all express or implied warranties and conditions, where permitted by law, are hereby expressly excluded and Tower Fastening System shall not be liable for any actual, consequential or other loss of expense or damage arising in any way from the supply, use or performance of Tower Fastening System's products.

## 8. Limitation of Liability

8.1. To the greatest extent permitted by law, Tower Fastening System's (and its employees, directors and its agents') liability, if any, whether in contract, tort (including negligence), statute or otherwise, for any claims, losses, damages, costs, liabilities or expenses arising out of or in connection with the Products or their supply, is limited to:

- (a) in the case of Products which are goods, at the option of Tower Fastening System:
  - (i) replacement of the goods or the supply of equivalent goods; or
  - (ii) a refund for the price charged by Tower Fastening System for the applicable goods;
- (b) in the case of Products which are services, at the option of Tower Fastening System:
  - (i) re-supply of the applicable services; or
  - (ii) a refund of the price charged by Tower Fastening System for the applicable services.

8.2. You agree that the options described in clauses 8.1(a) and 8.1(b) will be your sole and exclusive remedy and Tower

Fastening System's (and its employees, directors and its agents') sole and exclusive liability in respect of any claim, losses, damages, costs, liabilities or expenses arising out of or in connection with the Products or their supply.

8.3. Notwithstanding any other provision of these Terms and Conditions, Tower Fastening System (and its employees, directors and its agents) will not be liable for any consequential, indirect or incidental loss, loss of profits, loss of data, lost production or revenue, loss of anticipated savings, loss of opportunity, increased cost of working, business reputation or damage to goodwill arising from or in connection with the Products or their supply.

## 9. PPSA

9.1. You acknowledge and agree that, by virtue of these Terms and Conditions, Tower Fastening System has a security interest (including a Purchase Money Security Interest) for the purposes of the PPSA in all present and future goods and Products supplied to you.

9.2. The security interest arising under this clause 9 attaches to the Products when the Products leave Tower Fastening System's warehouse or premises.

9.3. You agree to:

- (a) do whatever is reasonably necessary (including executing documents) in order to give, register or perfect, a valid security interest over the Products in favour of Tower Fastening System;
- (b) procure any such agreements and waiver from any persons reasonably required to fully effect Tower Fastening System's security interest.

9.4. Where permitted by the PPSA, you agree to waive any rights to receive notifications, verifications, disclosures or other documentation specified under sections 95, 118, 121(4), 130, 132(3)(d), 132(4), 135 and 157 of the PPSA.

9.5. Each party agrees to expressly exclude the provisions of sections 96, 125, 129, 142 and 143 of the PPSA from these Terms and Conditions.

## 10. General

10.1. Any clause of these Terms & Conditions which are deemed by a court to be void or unenforceable is severable to the extent of which it is unenforceable or void.

10.2. No right or power under these Terms and Conditions may be waived by a party except expressly in writing.

10.3. If Tower Fastening System is prevented from or delayed in complying with an obligation (other than to pay money) by an event beyond its reasonable control, then performance by it of that obligation is suspended during the time, but only to the extent that compliance is prevented or delayed.

## 11. Governing Law

11.1. These Terms and Conditions are governed by and construed in accordance with the laws of New South Wales, Australia.

## Notes

## Notes





**NSW Head Office**

U2/2 Stoddart Rd  
Prospect NSW 2148  
P: (02) 9636 2369  
E: [sales@tower-tr.com.au](mailto:sales@tower-tr.com.au)

**OLD Branch**

U5/ 5 Logandowns Dr  
Meadowbrook QLD 4131  
P: 1300 532 803  
E: [sales.qld@tower-tr.com.au](mailto:sales.qld@tower-tr.com.au)

**VIC Branch**

77 Killara Rd  
Campbellfield VIC 3061  
P: 1300 532 803  
E: [sales.vic@tower-tr.com.au](mailto:sales.vic@tower-tr.com.au)