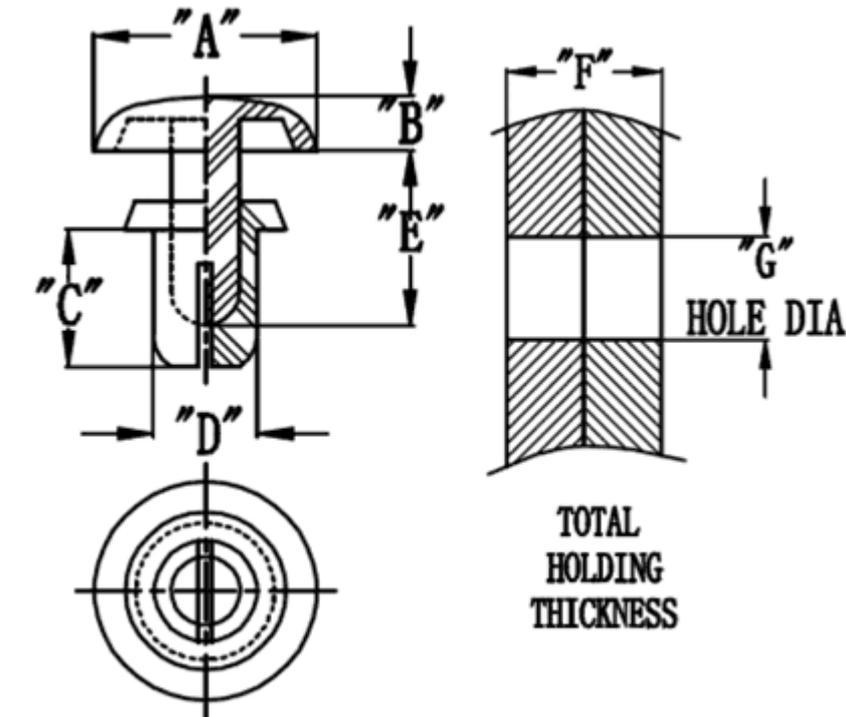


## GR - Snap Rivets



**Typ 1**  
Type 1



**Typ 2**  
Type 2

Details:

- **Material: Palyamide 6**
- **Colour: black or white**
- Type 1: straight cut
- Type 2: cross cut

| Symbol   | A    | B    | C    | D    | E    | Panel thickness range F | Mounting hole diameter range G | Extraction force | Mounting force | Type | Material | Flammability | Color |
|----------|------|------|------|------|------|-------------------------|--------------------------------|------------------|----------------|------|----------|--------------|-------|
|          | [mm] | [mm] | [mm] | [mm] | [mm] | [mm]                    | [mm]                           | [daN]            | [daN]          |      |          |              |       |
| GR-2024B | 4.2  | 1.2  | 2.4  | 2    | 3.8  | 0.6 - 1.5               | 2.1 - 2.2                      | 3                | 2.5            | 1    | PA 6     | UL94 V-2     | black |
| GR-2024W | 4.2  | 1.2  | 2.4  | 2    | 3.8  | 0.6 - 1.5               | 2.1 - 2.2                      | 3                | 2.5            | 1    | PA 6     | UL94 V-2     | white |
| GR-2032B | 4.2  | 1.2  | 3.2  | 2    | 3.8  | 1.3 - 2.0               | 2.1 - 2.2                      | 3                | 2.5            | 1    | PA 6     | UL94 V-2     | black |
| GR-2032W | 4.2  | 1.2  | 3.2  | 2    | 3.8  | 1.3 - 2.0               | 2.1 - 2.2                      | 3                | 2.5            | 1    | PA 6     | UL94 V-2     | white |
| GR-2040B | 4.2  | 1.2  | 4    | 2    | 5.5  | 2.1 - 2.8               | 2.1 - 2.2                      | 3                | 2.5            | 1    | PA 6     | UL94 V-2     | black |

| Symbol   | A    | B    | C    | D    | E    | Panel thickness range F | Mounting hole diameter range G | Extraction force | Mounting force | Type | Material | Flammability | Color |
|----------|------|------|------|------|------|-------------------------|--------------------------------|------------------|----------------|------|----------|--------------|-------|
|          | [mm] | [mm] | [mm] | [mm] | [mm] | [mm]                    | [mm]                           | [daN]            | [daN]          |      |          |              |       |
| GR-2040W | 4.2  | 1.2  | 4    | 2    | 5.5  | 2.1 - 2.8               | 2.1 - 2.2                      | 3                | 2.5            | 1    | PA 6     | UL94 V-2     | white |
| GR-2048B | 4.2  | 1.2  | 4.8  | 2    | 5.5  | 2.9 - 3.6               | 2.1 - 2.2                      | 3                | 2.5            | 1    | PA 6     | UL94 V-2     | black |
| GR-2048W | 4.2  | 1.2  | 4.8  | 2    | 5.5  | 2.9 - 3.6               | 2.1 - 2.2                      | 3                | 2.5            | 1    | PA 6     | UL94 V-2     | white |
| GR-2056B | 4.2  | 1.2  | 5.6  | 2    | 7.2  | 3.7 - 4.4               | 2.1 - 2.2                      | 3                | 2.5            | 1    | PA 6     | UL94 V-2     | black |
| GR-2056W | 4.2  | 1.2  | 5.6  | 2    | 7.2  | 3.7 - 4.4               | 2.1 - 2.2                      | 3                | 2.5            | 1    | PA 6     | UL94 V-2     | white |
| GR-2064B | 4.2  | 1.2  | 6.4  | 2    | 7.2  | 4.5 - 5.2               | 2.1 - 2.2                      | 3                | 2.5            | 1    | PA 6     | UL94 V-2     | black |
| GR-2064W | 4.2  | 1.2  | 6.4  | 2    | 7.2  | 4.5 - 5.2               | 2.1 - 2.2                      | 3                | 2.5            | 1    | PA 6     | UL94 V-2     | white |
| GR-2632B | 5    | 1.4  | 3.2  | 2.6  | 4.6  | 1.0 - 2.0               | 2.6 - 2.7                      | 5                | 3              | 1    | PA 6     | UL94 V-2     | black |
| GR-2632W | 5    | 1.4  | 3.2  | 2.6  | 4.6  | 1.0 - 2.0               | 2.6 - 2.7                      | 5                | 3              | 1    | PA 6     | UL94 V-2     | white |
| GR-2642B | 5    | 1.4  | 4.2  | 2.6  | 4.6  | 2.1 - 3.0               | 2.6 - 2.7                      | 5                | 3              | 1    | PA 6     | UL94 V-2     | black |
| GR-2642W | 5    | 1.4  | 4.2  | 2.6  | 4.6  | 2.1 - 3.0               | 2.6 - 2.7                      | 5                | 3              | 1    | PA 6     | UL94 V-2     | white |
| GR-2648B | 5    | 1.4  | 4.8  | 2.6  | 6.2  | 2.7 - 3.6               | 2.6 - 2.7                      | 5                | 3              | 1    | PA 6     | UL94 V-2     | black |
| GR-2648W | 5    | 1.4  | 4.8  | 2.6  | 6.2  | 2.7 - 3.6               | 2.6 - 2.7                      | 5                | 3              | 1    | PA 6     | UL94 V-2     | white |
| GR-2655B | 5    | 1.4  | 5.5  | 2.6  | 6.2  | 3.4 - 4.3               | 2.6 - 2.7                      | 5                | 3              | 1    | PA 6     | UL94 V-2     | black |
| GR-2655W | 5    | 1.4  | 5.5  | 2.6  | 6.2  | 3.4 - 4.3               | 2.6 - 2.7                      | 5                | 3              | 1    | PA 6     | UL94 V-2     | white |
| GR-2664B | 5    | 1.4  | 6.4  | 2.6  | 7.8  | 4.3 - 5.2               | 2.6 - 2.7                      | 5                | 3              | 1    | PA 6     | UL94 V-2     | black |
| GR-2664W | 5    | 1.4  | 6.4  | 2.6  | 7.8  | 4.3 - 5.2               | 2.6 - 2.7                      | 5                | 3              | 1    | PA 6     | UL94 V-2     | white |
| GR-2672B | 5    | 1.4  | 7.2  | 2.6  | 7.8  | 5.1 - 6.0               | 2.6 - 2.7                      | 5                | 3              | 1    | PA 6     | UL94 V-2     | black |
| GR-2672W | 5    | 1.4  | 7.2  | 2.6  | 7.8  | 5.1 - 6.0               | 2.6 - 2.7                      | 5                | 3              | 1    | PA 6     | UL94 V-2     | white |
| GR-3035B | 6.4  | 1.6  | 3.5  | 3    | 5.1  | 1.0 - 2.0               | 3.1 - 3.2                      | 8                | 3              | 1    | PA 6     | UL94 V-2     | black |
| GR-3035W | 6.4  | 1.6  | 3.5  | 3    | 5.1  | 1.0 - 2.0               | 3.1 - 3.2                      | 8                | 3              | 1    | PA 6     | UL94 V-2     | white |
| GR-3045B | 6.4  | 1.6  | 4.5  | 3    | 6.1  | 2.0 - 3.0               | 3.1 - 3.2                      | 8                | 3              | 1    | PA 6     | UL94 V-2     | black |
| GR-3045W | 6.4  | 1.6  | 4.5  | 3    | 6.1  | 2.0 - 3.0               | 3.1 - 3.2                      | 8                | 3              | 1    | PA 6     | UL94 V-2     | white |
| GR-3055B | 6.4  | 1.6  | 5.5  | 3    | 6.1  | 3.0 - 4.0               | 3.1 - 3.2                      | 8                | 3              | 1    | PA 6     | UL94 V-2     | black |
| GR-3055W | 6.4  | 1.6  | 5.5  | 3    | 6.1  | 3.0 - 4.0               | 3.1 - 3.2                      | 8                | 3              | 1    | PA 6     | UL94 V-2     | white |
| GR-3065B | 6.4  | 1.6  | 6.5  | 3    | 7.1  | 4.0 - 5.0               | 3.1 - 3.2                      | 8                | 3              | 1    | PA 6     | UL94 V-2     | black |
| GR-3065W | 6.4  | 1.6  | 6.5  | 3    | 7.1  | 4.0 - 5.0               | 3.1 - 3.2                      | 8                | 3              | 1    | PA 6     | UL94 V-2     | white |
| GR-3075B | 6.4  | 1.6  | 7.5  | 3    | 9    | 5.0 - 6.0               | 3.1 - 3.2                      | 8                | 3              | 1    | PA 6     | UL94 V-2     | black |
| GR-3075W | 6.4  | 1.6  | 7.5  | 3    | 9    | 5.0 - 6.0               | 3.1 - 3.2                      | 8                | 3              | 1    | PA 6     | UL94 V-2     | white |
| GR-3080B | 6.4  | 1.6  | 8    | 3    | 9    | 5.5 - 6.5               | 3.1 - 3.2                      | 8                | 3              | 1    | PA 6     | UL94 V-2     | black |
| GR-3080W | 6.4  | 1.6  | 8    | 3    | 9    | 5.5 - 6.5               | 3.1 - 3.2                      | 8                | 3              | 1    | PA 6     | UL94 V-2     | white |
| GR-3090B | 6.4  | 1.6  | 9    | 3    | 11   | 6.5 - 7.5               | 3.1 - 3.2                      | 8                | 3              | 1    | PA 6     | UL94 V-2     | black |
| GR-3090W | 6.4  | 1.6  | 9    | 3    | 11   | 6.5 - 7.5               | 3.1 - 3.2                      | 8                | 3              | 1    | PA 6     | UL94 V-2     | white |
| GR-3100B | 6.4  | 1.6  | 10   | 3    | 11   | 7.5 - 8.5               | 3.1 - 3.2                      | 8                | 3              | 1    | PA 6     | UL94 V-2     | black |
| GR-3100W | 6.4  | 1.6  | 10   | 3    | 11   | 7.5 - 8.5               | 3.1 - 3.2                      | 8                | 3              | 1    | PA 6     | UL94 V-2     | white |
| GR-3535B | 6.4  | 1.6  | 3.5  | 3.5  | 5.1  | 1.2 - 2.1               | 3.6 - 3.7                      | 12               | 4              | 2    | PA 6     | UL94 V-2     | black |
| GR-3535W | 6.4  | 1.6  | 3.5  | 3.5  | 5.1  | 1.2 - 2.1               | 3.6 - 3.7                      | 12               | 4              | 2    | PA 6     | UL94 V-2     | white |
| GR-3545B | 6.4  | 1.6  | 4.5  | 3.5  | 6.1  | 2.2 - 3.1               | 3.6 - 3.7                      | 12               | 4              | 2    | PA 6     | UL94 V-2     | black |
| GR-3545W | 6.4  | 1.6  | 4.5  | 3.5  | 6.1  | 2.2 - 3.1               | 3.6 - 3.7                      | 12               | 4              | 2    | PA 6     | UL94 V-2     | white |
| GR-3550B | 6.4  | 1.6  | 5    | 3.5  | 6.1  | 2.7 - 3.6               | 3.6 - 3.7                      | 12               | 4              | 2    | PA 6     | UL94 V-2     | black |
| GR-3550W | 6.4  | 1.6  | 5    | 3.5  | 6.1  | 2.7 - 3.6               | 3.6 - 3.7                      | 12               | 4              | 2    | PA 6     | UL94 V-2     | white |
| GR-3555B | 6.4  | 1.6  | 5.5  | 3.5  | 7.1  | 3.2 - 4.1               | 3.6 - 3.7                      | 12               | 4              | 2    | PA 6     | UL94 V-2     | black |
| GR-3555W | 6.4  | 1.6  | 5.5  | 3.5  | 7.1  | 3.2 - 4.1               | 3.6 - 3.7                      | 12               | 4              | 2    | PA 6     | UL94 V-2     | white |
| GR-3560B | 6.4  | 1.6  | 6    | 3.5  | 7.1  | 3.7 - 4.6               | 3.6 - 3.7                      | 12               | 4              | 2    | PA 6     | UL94 V-2     | black |
| GR-3560W | 6.4  | 1.6  | 6    | 3.5  | 7.1  | 3.7 - 4.6               | 3.6 - 3.7                      | 12               | 4              | 2    | PA 6     | UL94 V-2     | white |
| GR-3570B | 6.4  | 1.6  | 7    | 3.5  | 9    | 4.7 - 5.6               | 3.6 - 3.7                      | 12               | 4              | 2    | PA 6     | UL94 V-2     | black |
| GR-3570W | 6.4  | 1.6  | 7    | 3.5  | 9    | 4.7 - 5.6               | 3.6 - 3.7                      | 12               | 4              | 2    | PA 6     | UL94 V-2     | white |
| GR-3580B | 8    | 1.6  | 8    | 3.5  | 9    | 5.7 - 6.6               | 3.6 - 3.7                      | 12               | 4              | 2    | PA 6     | UL94 V-2     | black |
| GR-3580W | 8    | 1.6  | 8    | 3.5  | 9    | 5.7 - 6.6               | 3.6 - 3.7                      | 12               | 4              | 2    | PA 6     | UL94 V-2     | white |
| GR-4045B | 8    | 1.8  | 4.5  | 4    | 5.6  | 1.5 - 2.5               | 4.1 - 4.2                      | 20               | 4              | 2    | PA 6     | UL94 V-2     | black |
| GR-4045W | 8    | 1.8  | 4.5  | 4    | 5.6  | 1.5 - 2.5               | 4.1 - 4.2                      | 20               | 4              | 2    | PA 6     | UL94 V-2     | white |
| GR-4050B | 8    | 1.8  | 5    | 4    | 7    | 2.5 - 3.5               | 4.1 - 4.2                      | 20               | 4              | 2    | PA 6     | UL94 V-2     | black |

| Symbol   | A    | B    | C    | D    | E    | Panel thickness range F | Mounting hole diameter range G | Extraction force | Mounting force | Type | Material | Flammability | Color |
|----------|------|------|------|------|------|-------------------------|--------------------------------|------------------|----------------|------|----------|--------------|-------|
|          | [mm] | [mm] | [mm] | [mm] | [mm] | [mm]                    | [mm]                           | [daN]            | [daN]          |      |          |              |       |
| GR-4050W | 8    | 1.8  | 5    | 4    | 7    | 2.5 - 3.5               | 4.1 - 4.2                      | 20               | 4              | 2    | PA 6     | UL94 V-2     | white |
| GR-4060B | 8    | 1.8  | 6    | 4    | 7    | 3.5 - 4.5               | 4.1 - 4.2                      | 20               | 4              | 2    | PA 6     | UL94 V-2     | black |
| GR-4060W | 8    | 1.8  | 6    | 4    | 7    | 3.5 - 4.5               | 4.1 - 4.2                      | 20               | 4              | 2    | PA 6     | UL94 V-2     | white |
| GR-4070B | 8    | 1.8  | 7    | 4    | 9    | 4.5 - 5.5               | 4.1 - 4.2                      | 20               | 4              | 2    | PA 6     | UL94 V-2     | black |
| GR-4070W | 8    | 1.8  | 7    | 4    | 9    | 4.5 - 5.5               | 4.1 - 4.2                      | 20               | 4              | 2    | PA 6     | UL94 V-2     | white |
| GR-4080B | 8    | 1.8  | 8    | 4    | 9    | 5.5 - 6.5               | 4.1 - 4.2                      | 20               | 4              | 2    | PA 6     | UL94 V-2     | black |
| GR-4080W | 8    | 1.8  | 8    | 4    | 9    | 5.5 - 6.5               | 4.1 - 4.2                      | 20               | 4              | 2    | PA 6     | UL94 V-2     | white |
| GR-4085B | 8    | 1.8  | 8.5  | 4    | 9.6  | 6.0 - 7.0               | 4.1 - 4.2                      | 20               | 4              | 2    | PA 6     | UL94 V-2     | black |
| GR-4085W | 8    | 1.8  | 8.5  | 4    | 9.6  | 6.0 - 7.0               | 4.1 - 4.2                      | 20               | 4              | 2    | PA 6     | UL94 V-2     | white |
| GR-4090B | 8    | 1.8  | 9    | 4    | 11   | 6.5 - 7.5               | 4.1 - 4.2                      | 20               | 4              | 2    | PA 6     | UL94 V-2     | black |
| GR-4090W | 8    | 1.8  | 9    | 4    | 11   | 6.5 - 7.5               | 4.1 - 4.2                      | 20               | 4              | 2    | PA 6     | UL94 V-2     | white |
| GR-4100B | 8    | 1.8  | 10   | 4    | 11   | 7.5 - 8.5               | 4.1 - 4.2                      | 20               | 4              | 2    | PA 6     | UL94 V-2     | black |
| GR-4100W | 8    | 1.8  | 10   | 4    | 11   | 7.5 - 8.5               | 4.1 - 4.2                      | 20               | 4              | 2    | PA 6     | UL94 V-2     | white |
| GR-4120B | 8    | 1.8  | 12   | 4    | 14   | 9.1 - 10.5              | 4.1 - 4.2                      | 20               | 4              | 2    | PA 6     | UL94 V-2     | black |
| GR-4120W | 8    | 1.8  | 12   | 4    | 14   | 9.1 - 10.5              | 4.1 - 4.2                      | 20               | 4              | 2    | PA 6     | UL94 V-2     | white |
| GR-5045B | 9    | 2.2  | 4.5  | 4    | 6.5  | 1.5 - 2.5               | 5.1 - 5.2                      | 25               | 5              | 2    | PA 6     | UL94 V-2     | black |
| GR-5045W | 9    | 2.2  | 4.5  | 4    | 6.5  | 1.5 - 2.5               | 5.1 - 5.2                      | 25               | 5              | 2    | PA 6     | UL94 V-2     | white |
| GR-5055B | 9    | 2.2  | 5.5  | 5    | 6.5  | 2.5 - 3.5               | 5.1 - 5.2                      | 25               | 5              | 2    | PA 6     | UL94 V-2     | black |
| GR-5055W | 9    | 2.2  | 5.5  | 5    | 6.5  | 2.5 - 3.5               | 5.1 - 5.2                      | 25               | 5              | 2    | PA 6     | UL94 V-2     | white |
| GR-5065B | 9    | 2.2  | 6.5  | 5    | 8.5  | 3.5 - 4.5               | 5.1 - 5.2                      | 25               | 5              | 2    | PA 6     | UL94 V-2     | black |
| GR-5065W | 9    | 2.2  | 6.5  | 5    | 8.5  | 3.5 - 4.5               | 5.1 - 5.2                      | 25               | 5              | 2    | PA 6     | UL94 V-2     | white |
| GR-5075B | 9    | 2.2  | 7.5  | 5    | 8.5  | 4.5 - 5.5               | 5.1 - 5.2                      | 25               | 5              | 2    | PA 6     | UL94 V-2     | black |
| GR-5075W | 9    | 2.2  | 7.5  | 5    | 8.5  | 4.5 - 5.5               | 5.1 - 5.2                      | 25               | 5              | 2    | PA 6     | UL94 V-2     | white |
| GR-5085B | 9    | 2.2  | 8.5  | 5    | 10.5 | 5.5 - 6.5               | 5.1 - 5.2                      | 25               | 5              | 2    | PA 6     | UL94 V-2     | black |
| GR-5085W | 9    | 2.2  | 8.5  | 5    | 10.5 | 5.5 - 6.5               | 5.1 - 5.2                      | 25               | 5              | 2    | PA 6     | UL94 V-2     | white |
| GR-5095B | 9    | 2.2  | 9.5  | 5    | 10.5 | 6.5 - 7.5               | 5.1 - 5.2                      | 25               | 5              | 2    | PA 6     | UL94 V-2     | black |
| GR-5095W | 9    | 2.2  | 9.5  | 5    | 10.5 | 6.5 - 7.5               | 5.1 - 5.2                      | 25               | 5              | 2    | PA 6     | UL94 V-2     | white |
| GR-5105B | 9    | 2.2  | 10.5 | 5    | 12   | 7.5 - 8.5               | 5.1 - 5.2                      | 25               | 5              | 2    | PA 6     | UL94 V-2     | black |
| GR-5105W | 9    | 2.2  | 10.5 | 5    | 12   | 7.5 - 8.5               | 5.1 - 5.2                      | 25               | 5              | 2    | PA 6     | UL94 V-2     | white |
| GR-6060B | 12   | 3    | 6    | 6    | 9    | 2.5 - 4.0               | 6.1 - 6.2                      | 25               | 5              | 2    | PA 6     | UL94 V-2     | black |
| GR-6060W | 12   | 3    | 6    | 6    | 9    | 2.5 - 4.0               | 6.1 - 6.2                      | 25               | 5              | 2    | PA 6     | UL94 V-2     | white |
| GR-6080B | 12   | 3    | 8    | 6    | 10   | 4.0 - 5.5               | 6.1 - 6.2                      | 25               | 5              | 2    | PA 6     | UL94 V-2     | black |
| GR-6080W | 12   | 3    | 8    | 6    | 10   | 4.0 - 5.5               | 6.1 - 6.2                      | 25               | 5              | 2    | PA 6     | UL94 V-2     | white |