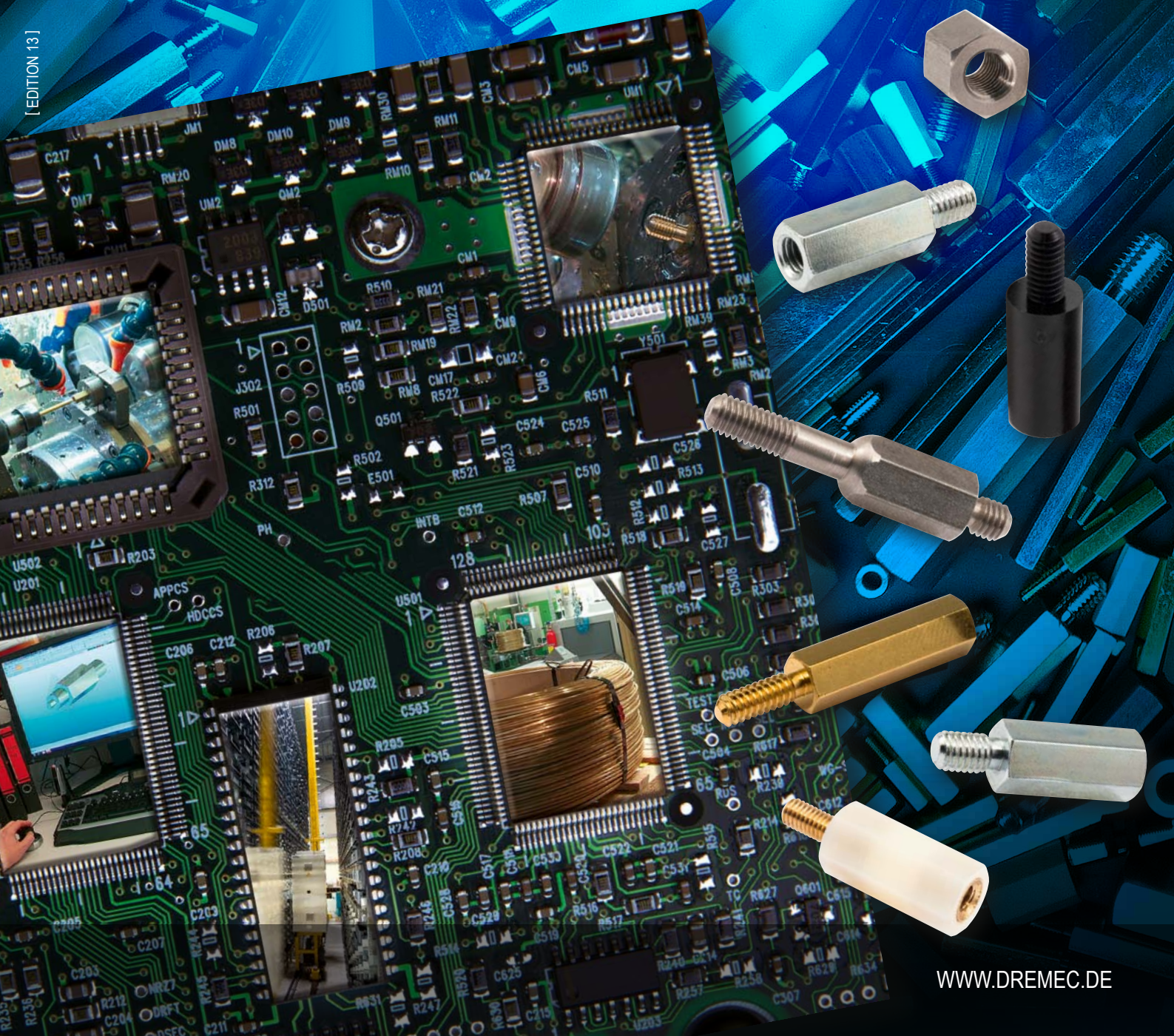








# Welcome

[ to Dremec Befestigungselemente ]

## About us

Giving mechanical components optimum strength and stability is DREMEC's main operational objective.

As an established manufacturer of spacer bolts and sleeves from metals, plastics and metal / plastic combinations, our business partners from a wide range of industrial branches rightfully expect more than just economical and punctual production of fastening elements from us. Our know-how is particularly sought after where the solution of tricky fastening problems requires individual solutions and where fasteners have to meet highest quality standards.

Our search for efficient fastening solutions is backed by our experience gained in many lines of industry, these encompassing mining, medical engineering, auto-

motive, mechanical engineering and aircraft construction, through to space applications in satellite technology. The majority of turned parts range from small fastening elements through to components having a length of several decimeters.

Innovative in product development, constructive in customer relations!

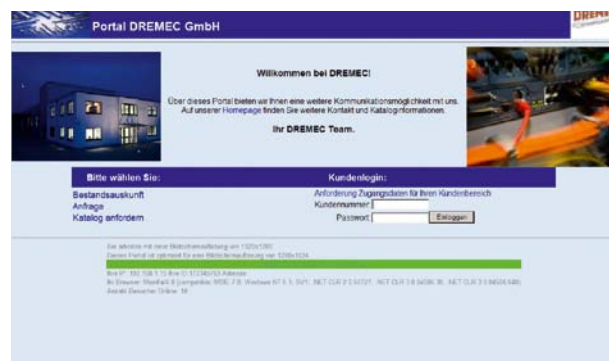
Dependability and meeting delivery schedules paired with excellent quality are values that have been highly appreciated by Dremec customers for many years. To us our small customers and their problems are just as important as our large customers when it comes to attention and commitment, irrespective of their order sizes, which can range from several hundred parts to annual requirements of millions of fastening elements.



## Information 24/7

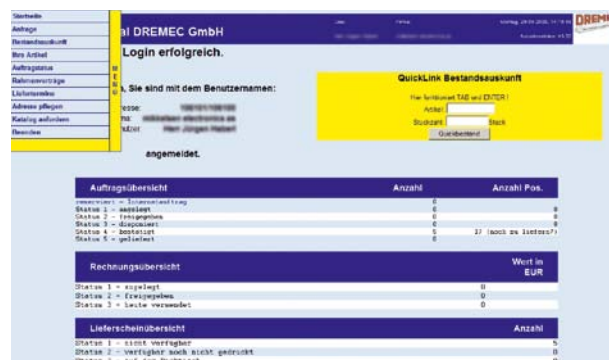
### 1. Portal login

You can obtain your personal access data from our sales staff. Without this authorisation, you can only obtain simple inventory information.



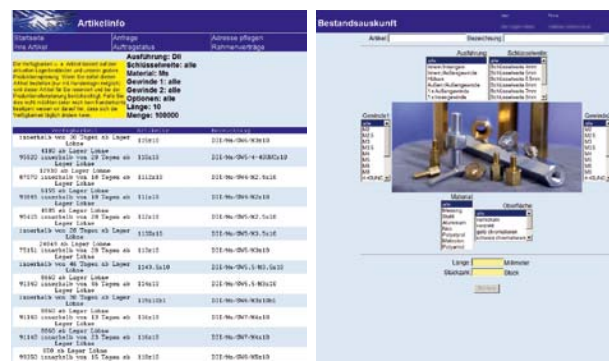
### 2. Home

Once successfully logged in, you are on your personal start page. From here, you can directly invoke the desired information. Upon request of our customers, a quicklink is integrated at this point to obtain inventory information. The current availability is instantly shown when entering our article number and the desired quantity. You have access to the current inventory as well as to production planning. You can order for a desired delivery date by a mouse click. Orders received by 11 a.m. can be shipped the same day.



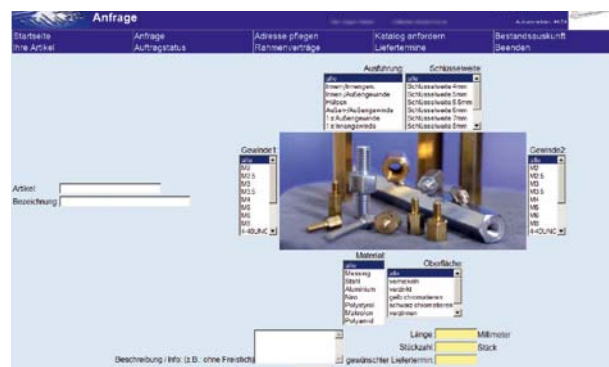
### 3. Inventory information

Here setting of a few desired properties is sufficient to find several possible articles including their related inventory information.



### 4. Inquiry

Analog to the inventory information, you can describe a special component here and request a quotation by mouse click.





## 5. Your articles

You have access to our article/customer master data. All articles with special prices, graduated prices as well as with customer article numbers and customer article designations already entered are listed here. You have to option to filter or search for your designations/numbers. If existing, you have access to drawings and can also directly go to the inventory information/order for the individual article.

If our article number/designation is also entered, you have the possibility to simply enter your data by a mouse click.

| Artikel | Bezeichnung                                     | Preis  | Status  |
|---------|-------------------------------------------------|--------|---------|
| 111404  | 101-M-WS-M10-1                                  | 100,00 | Bestand |
| 111420  | 101-M-WS-M10-10                                 | 100,00 | Bestand |
| 111417  | 101-M-WS-M10-15                                 | 100,00 | Bestand |
| 111409  | 101-M-WS-M10-100                                | 100,00 | Bestand |
| 111410  | 101-M-WS-M10-1000                               | 100,00 | Bestand |
| 111411  | 101-M-WS-M10-10000                              | 100,00 | Bestand |
| 111412  | 101-M-WS-M10-100000                             | 100,00 | Bestand |
| 111413  | 101-M-WS-M10-1000000                            | 100,00 | Bestand |
| 111414  | 101-M-WS-M10-10000000                           | 100,00 | Bestand |
| 111415  | 101-M-WS-M10-100000000                          | 100,00 | Bestand |
| 111416  | 101-M-WS-M10-1000000000                         | 100,00 | Bestand |
| 111417  | 101-M-WS-M10-10000000000                        | 100,00 | Bestand |
| 111418  | 101-M-WS-M10-100000000000                       | 100,00 | Bestand |
| 111419  | 101-M-WS-M10-1000000000000                      | 100,00 | Bestand |
| 111420  | 101-M-WS-M10-10000000000000                     | 100,00 | Bestand |
| 111421  | 101-M-WS-M10-100000000000000                    | 100,00 | Bestand |
| 111422  | 101-M-WS-M10-1000000000000000                   | 100,00 | Bestand |
| 111423  | 101-M-WS-M10-10000000000000000                  | 100,00 | Bestand |
| 111424  | 101-M-WS-M10-100000000000000000                 | 100,00 | Bestand |
| 111425  | 101-M-WS-M10-1000000000000000000                | 100,00 | Bestand |
| 111426  | 101-M-WS-M10-10000000000000000000               | 100,00 | Bestand |
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| 111439  | 101-M-WS-M10-100000000000000000000000000000000  | 100,00 | Bestand |
| 111440  | 101-M-WS-M10-1000000000000000000000000000000000 | 100,00 | Bestand |

## 6. Framework contracts

A well arranged list of all framework contracts including those already fulfilled, can be invoked here.

| Rahmen-Nr. | Bezeichnung | Datum      | Status |
|------------|-------------|------------|--------|
| RA0001     | 20.1.2005   | 0.1.2005   | 0      |
| RA0002     | 14.10.2005  | 10.10.2005 | 0      |
| RA0003     | 14.10.2005  | 10.10.2005 | 0      |
| RA0004     | 14.10.2005  | 10.10.2005 | 0      |
| RA0005     | 14.10.2005  | 10.10.2005 | 0      |
| RA0006     | 14.10.2005  | 10.10.2005 | 0      |
| RA0007     | 14.10.2005  | 10.10.2005 | 0      |
| RA0008     | 14.10.2005  | 10.10.2005 | 0      |
| RA0009     | 14.10.2005  | 10.10.2005 | 0      |
| RA0010     | 14.10.2005  | 10.10.2005 | 0      |
| RA0011     | 14.10.2005  | 10.10.2005 | 0      |
| RA0012     | 14.10.2005  | 10.10.2005 | 0      |
| RA0013     | 14.10.2005  | 10.10.2005 | 0      |
| RA0014     | 14.10.2005  | 10.10.2005 | 0      |
| RA0015     | 14.10.2005  | 10.10.2005 | 0      |
| RA0016     | 14.10.2005  | 10.10.2005 | 0      |
| RA0017     | 14.10.2005  | 10.10.2005 | 0      |
| RA0018     | 14.10.2005  | 10.10.2005 | 0      |
| RA0019     | 14.10.2005  | 10.10.2005 | 0      |
| RA0020     | 14.10.2005  | 10.10.2005 | 0      |
| RA0021     | 14.10.2005  | 10.10.2005 | 0      |
| RA0022     | 14.10.2005  | 10.10.2005 | 0      |
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| RA0025     | 14.10.2005  | 10.10.2005 | 0      |
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| RA0027     | 14.10.2005  | 10.10.2005 | 0      |
| RA0028     | 14.10.2005  | 10.10.2005 | 0      |
| RA0029     | 14.10.2005  | 10.10.2005 | 0      |
| RA0030     | 14.10.2005  | 10.10.2005 | 0      |
| RA0031     | 14.10.2005  | 10.10.2005 | 0      |
| RA0032     | 14.10.2005  | 10.10.2005 | 0      |
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| RA0036     | 14.10.2005  | 10.10.2005 | 0      |
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| RA0039     | 14.10.2005  | 10.10.2005 | 0      |
| RA0040     | 14.10.2005  | 10.10.2005 | 0      |
| RA0041     | 14.10.2005  | 10.10.2005 | 0      |
| RA0042     | 14.10.2005  | 10.10.2005 | 0      |
| RA0043     | 14.10.2005  | 10.10.2005 | 0      |
| RA0044     | 14.10.2005  | 10.10.2005 | 0      |
| RA0045     | 14.10.2005  | 10.10.2005 | 0      |
| RA0046     | 14.10.2005  | 10.10.2005 | 0      |
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| RA0050     | 14.10.2005  | 10.10.2005 | 0      |
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| RA0054     | 14.10.2005  | 10.10.2005 | 0      |
| RA0055     | 14.10.2005  | 10.10.2005 | 0      |
| RA0056     | 14.10.2005  | 10.10.2005 | 0      |
| RA0057     | 14.10.2005  | 10.10.2005 | 0      |
| RA0058     | 14.10.2005  | 10.10.2005 | 0      |
| RA0059     | 14.10.2005  | 10.10.2005 | 0      |
| RA0060     | 14.10.2005  | 10.10.2005 | 0      |
| RA0061     | 14.10.2005  | 10.10.2005 | 0      |
| RA0062     | 14.10.2005  | 10.10.2005 | 0      |
| RA0063     | 14.10.2005  | 10.10.2005 | 0      |
| RA0064     | 14.10.2005  | 10.10.2005 | 0      |
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| RA0066     | 14.10.2005  | 10.10.2005 | 0      |
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| RA0068     | 14.10.2005  | 10.10.2005 | 0      |
| RA0069     | 14.10.2005  | 10.10.2005 | 0      |
| RA0070     | 14.10.2005  | 10.10.2005 | 0      |
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| RA0072     | 14.10.2005  | 10.10.2005 | 0      |
| RA0073     | 14.10.2005  | 10.10.2005 | 0      |
| RA0074     | 14.10.2005  | 10.10.2005 | 0      |
| RA0075     | 14.10.2005  | 10.10.2005 | 0      |
| RA0076     | 14.10.2005  | 10.10.2005 | 0      |
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| RA0080     | 14.10.2005  | 10.10.2005 | 0      |
| RA0081     | 14.10.2005  | 10.10.2005 | 0      |
| RA0082     | 14.10.2005  | 10.10.2005 | 0      |
| RA0083     | 14.10.2005  | 10.10.2005 | 0      |
| RA0084     | 14.10.2005  | 10.10.2005 | 0      |
| RA0085     | 14.10.2005  | 10.10.2005 | 0      |
| RA0086     | 14.10.2005  | 10.10.2005 | 0      |
| RA0087     | 14.10.2005  | 10.10.2005 | 0      |
| RA0088     | 14.10.2005  | 10.10.2005 | 0      |
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| RA0097     | 14.10.2005  | 10.10.2005 | 0      |
| RA0098     | 14.10.2005  | 10.10.2005 | 0      |
| RA0099     | 14.10.2005  | 10.10.2005 | 0      |
| RA0100     | 14.10.2005  | 10.10.2005 | 0      |

## 7. Delivery dates

View of all planned shipments. You have access to each planned delivery note position. All positions readily available are displayed with a green background. Please request immediate shipment by mouse click. If available, your article numbers/designations appear here. You are given the possibility to filter your inputs should the list become too long and, as a result, too complex.

## Lieferscheine

Benutzer:

Passwort:

Logout

Drucken

Neu

Suche

Seitengröße: 1000x 540px

| Startseite<br>Ihre Artikel               | Anfrage<br>Auftragshaus | Adresse prüfen<br>Rahmenverträge  | Kataog anfordern<br>Lieferanten                                             | Bestandsauskunft<br>Revisions |                      |
|------------------------------------------|-------------------------|-----------------------------------|-----------------------------------------------------------------------------|-------------------------------|----------------------|
| Anzeige                                  |                         | Bezeichnung                       |                                                                             |                               |                      |
| <input type="checkbox"/> Schlüsselwörter |                         | <input type="checkbox"/> Material | <input type="checkbox"/> Sortiert nach: <input type="text" value="Anzahl"/> |                               |                      |
| Anzahl                                   |                         | Preis                             |                                                                             | Reparatur                     |                      |
| 11-2009                                  | WAG0696 / 1             | 21.02.22                          | DIA-MW-DMS-02-12-22                                                         | 6000                          | ->Lieferung neop     |
| 43-2008                                  | WAG06573 / 1            | 21.02.12                          | DIA-MW-DMS-02-12                                                            | 17010                         | ->Lieferung neop     |
| 43-2008                                  | WAG06573 / 2            | 12.02.15                          | DIA-MW-DMS-02-15                                                            | 700                           | ->SortierteLieferung |
| 43-2008                                  | WAG06573 / 3            | 21.02.22                          | DIA-MW-DMS-02-12-22                                                         | 4000                          | ->Lieferung neop     |
| 43-2008                                  | WAG06573 / 4            | 21.02.22                          | DIA-MW-DMS-02-12-22                                                         | 200                           | ->SortierteLieferung |
| 43-2008                                  | WAG06573 / 5            | 21.02.22                          | DIA-MW-DMS-02-12-22                                                         | 200                           | ->SortierteLieferung |
| 43-2008                                  | WAG06573 / 6            | 21.02.22                          | DIA-MW-DMS-02-12-22                                                         | 2100                          | ->Lieferung neop     |
| 43-2008                                  | WAG06573 / 7            | 21.02.22                          | DIA-MW-DMS-02-12-22                                                         | 4000                          | ->Lieferung neop     |
| 43-2008                                  | WAG06573 / 8            | 21.02.22                          | DIA-MW-DMS-02-12-22                                                         | 4000                          | ->SortierteLieferung |
| 43-2008                                  | WAG06573 / 9            | 21.02.22                          | DIA-MW-DMS-02-12-22                                                         | 6000                          | ->SortierteLieferung |

# Contents

[ Overview of Product Range ]

## Support Post (Metric)



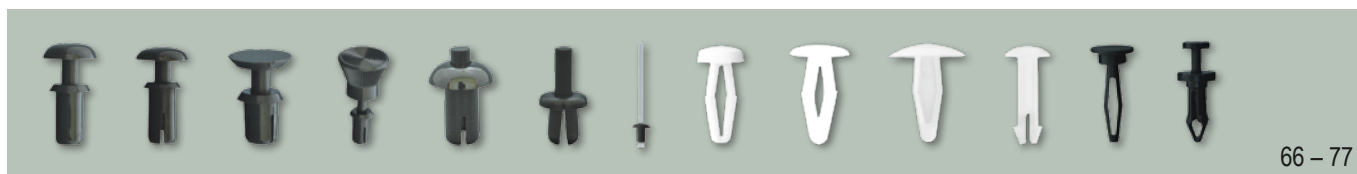
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## Support Post



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## Rivets



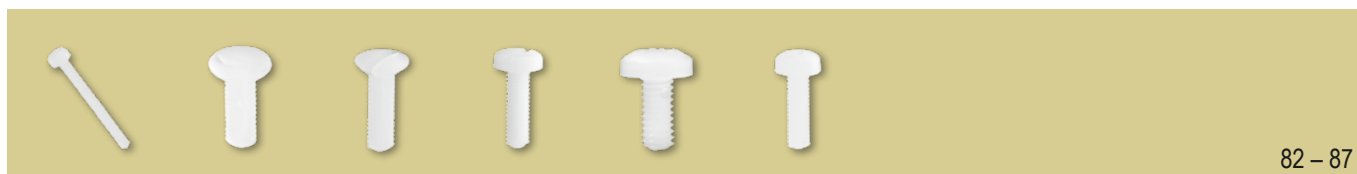
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## Snap Latches



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## Screws



82 – 87

## Card Guides



88 – 91



## Cable Management



## Cable Tie and Accessories



## Adhesive Base



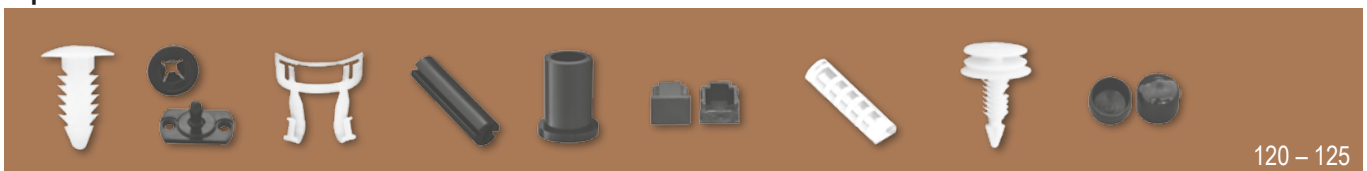
## Feet Series



## Quick-Fit Connector



## Special Products



## General

In the following chapter you will find spacer bolts with metric threads. The following spacer bolts are presented;  
 - plug-in/inner thread, fast mounting bolts for spacer bolts, spacer bolts with outer thread, spacer bolts with inner and outer thread, spacer bolts with inner/ inner thread, spacer bolts –plug-in/ outer thread Spacer bolts and hexagonal spacer bolts with inner thread are introduced.

Further support posts can be found in the chapter "Support Post".

## Typical Applications

- Point of purchase display industry
- Audio and video equipment
- Automotive industry
- Appliance (Washing machines, ovens)
- Telecom, Datacom

| Material              | Material-number | RoHS Compliance | Dremec Material-Specification |
|-----------------------|-----------------|-----------------|-------------------------------|
| Brass (nickel plated) | 2.0401          | Yes             | 100                           |
| Brass (blank)         | 2.0401          | Yes             | 101                           |
| Steel (zinc plated)   | 1.0718          | Yes             | 200                           |
| Steel (blank)         | 1.0718          | Yes             | 201                           |
| Aluminium             | 3.1655          | Yes             | 300                           |
| Stainless steel       | 1.4305          | Yes             | 400                           |

| Material                | Flammability Rating | RoHS Compliance | Dremec Material-Specification |
|-------------------------|---------------------|-----------------|-------------------------------|
| Nylon 6/6               | V2                  | Yes             | 801                           |
| Nylon 6/6               | V0                  | Yes             | 806                           |
| Nylon 6                 | HB                  | Yes             | 820                           |
| Nylon 6 Glass Filled    | HB                  | Yes             | 817                           |
| Polyamide 6.6 (natural) | V2                  | Yes             | 818                           |
| Polyamide 6.6 (white)   | V2                  | Yes             | 823                           |
| Polyamide 6.6 (black)   | V2                  | Yes             | 824                           |
| Polyamide 6.0 GV        | HB                  | Yes             | 825                           |

For more details on material properties please consult the data section (DMS) of the catalogue.

## Colour

### Plastic material:

Standard colours include black, white, grey and natural. Other colours upon request.

### Metal:

Standard = Brass nikel plated. Optional: blank (bl)

Standard = Steel zinc plated. Optional: blank (bl)

Standard = Aluminium

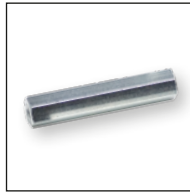
Standard = Stainless steel



# Support Post (Metric)



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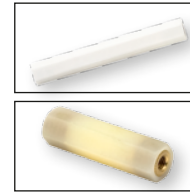
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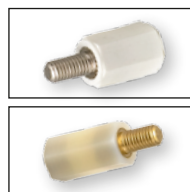
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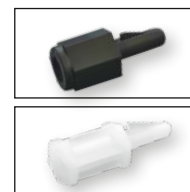
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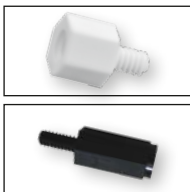
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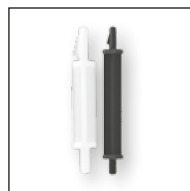
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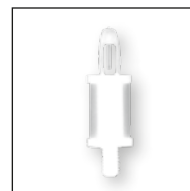
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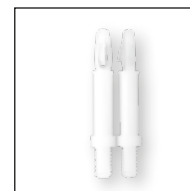
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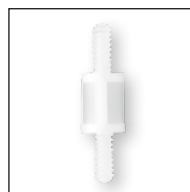
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# Support Post (Metric)

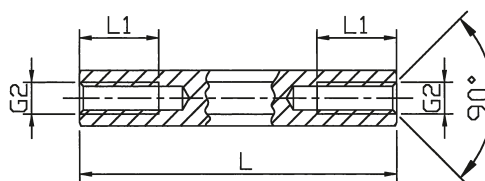
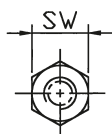
## Spacer Bolts DII

[ Brass, metric thread ]

Thread lengths [mm]

| L       | L1 bei M2 | L1 bei M2,5 to M8 |
|---------|-----------|-------------------|
| 5       | 5         | 5                 |
| 6       | 6         | 6                 |
| 8       | 8         | 8                 |
| 10      | 10        | 10                |
| 12      | 6         | 12                |
| 15      | 6         | 15                |
| 18      | 6         | 9                 |
| from 20 | 6         | 10                |

Minimum tensile strength: 430 N/mm<sup>2</sup>  
Tolerance for length dimensions: + / - 0,1 mm



### Spacer bolts

Type: hexagonal  
Styles: internal / internal  
Material: Brass 2.0401 / DMS 100  
Surface: nickel plated (G3E)  
Standard Pack: from 100 pcs

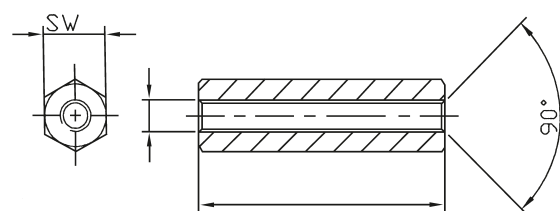
Lengths [mm]

| Order No.      | SW (hexagonal) | Thread | 05 | 06 | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 |
|----------------|----------------|--------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
| 111 x (length) | SW 4           | M2     | 05 | 06 | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 |    |    |    |    |    |    |    |    |    |     |
| 1112 x         | SW 4           | M2,5   | 05 | 06 | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 |    |    |    |    |    |    |    |    |    |     |
| 112 x          | SW 5           | M2,5   | 05 | 06 | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 |    |    |    |    |    |    |    |     |
| 113 x          | SW 5           | M3     | 05 | 06 | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 |    |    |    |    |    |    |    |     |
| 114 x          | SW 5,5         | M3     | 05 | 06 | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 |    |    |    |    |    |     |
| 115 x          | SW 6           | M3     | 05 |    | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 |
| 116 x          | SW 7           | M4     | 05 | 06 | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 |
| 118 x          | SW 8           | M5     |    |    | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 |
| 119 x          | SW 10          | M6     |    |    |    | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 |
| 1113 x         | SW 13          | M8     |    |    |    |    |    | 15 |    | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 |

SW: width across flats

Ordering example: 111 x 10 = DII / Br / SW 4 / M2 x 10

[ Brass, UNC-thread ]



### Spacer bolts

Type: hexagonal  
Styles: internal / internal  
Material: Brass 2.0401 / DMS 100  
Surface: nickel plated (G3E)  
Standard Pack: from 100 pcs

All UNC-types are also available in steel, various lengths as well as UNC 6-32, 8-32 UNC and UNC 2-56 threads.

The tolerances for length dimensions: + / - 0.1 mm

Standard lengths [mm]

| Order No.      | SW (hexagonal) | Thread   | 05 | 06 | 08 | 10 | 12 | 15 |
|----------------|----------------|----------|----|----|----|----|----|----|
| 110 x (length) | SW 5           | 4-40 UNC | 05 | 06 | 08 | 10 | 12 | 15 |

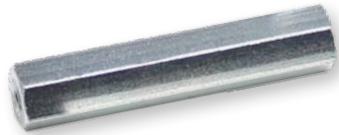
SW: width across flats

Ordering example: 110 x 10 = DII / Br / SW 5 / 4-40 UNC x 10 mm

# Support Post (Metric)

## Spacer Bolts DII

[ Steel, metric thread ]

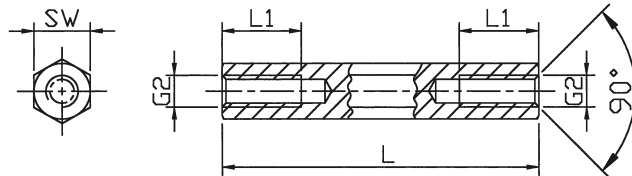


### Spacer bolts

|               |                                            |
|---------------|--------------------------------------------|
| Type          | hexagonal                                  |
| Styles        | internal / internal                        |
| Material      | Steel 1.0718 / DMS 200                     |
| Surface       | zinc plated (A3F)<br>(optional also blank) |
| Standard Pack | from 100 pcs                               |

### Internal thread lengths [mm]

| L       | L1 at M2 | L1 at M2,5 to M5 | L1 at M6 | L1 at M8 |
|---------|----------|------------------|----------|----------|
| 5       | 5        | 5                | 5        |          |
| 8       | 8        | 8                | 8        |          |
| 10      | 10       | 10               | 10       |          |
| 12      | 6        | 12               | 12       |          |
| 15      | 6        | 15               | 15       | 15       |
| 18      | 6        | 9                | 9        |          |
| 20      | 6        | 10               | 10       | 20       |
| from 30 | 6        | 10               | 12       | 14       |



Minimum tensile strength: 500 N/mm<sup>2</sup>  
Tolerance for length dimensions: +/- 0,1 mm  
(applies to SW 13 : DIN 2768-m)

### Lengths [mm]

| Order No.      | SW (hexagonal) | Thread | 05 | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 |
|----------------|----------------|--------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
| 121 x (length) | SW 4           | M2     | 05 | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 |    |    |    |    |    |    |    |    |    |    |    |     |
| 1212 x         | SW 4           | M2,5   | 05 | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 |    |    |    |    |    |    |    |    |    |    |    |     |
| 122 x          | SW 5           | M2,5   | 05 | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 |    |    |    |    |    |    |    |    |    |     |
| 123 x          | SW 5           | M3     | 05 | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 |    |    |    |    |    |    |    |    |    |     |
| 124 x          | SW 5,5         | M3     | 05 | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 |    |    |    |    |    |     |
| 125 x          | SW 6           | M3     | 05 | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 |
| 126 x          | SW 7           | M4     | 05 | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 |
| 127 x          | SW 8           | M4     | 05 | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 |
| 128 x          | SW 8           | M5     |    | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 |
| 129 x          | SW 10          | M6     |    |    | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 |
| 1213 x         | SW 13          | M8     |    |    |    |    | 15 |    | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 |

SW: width across flats

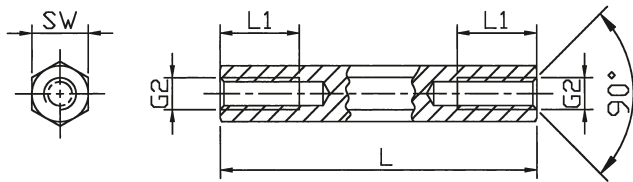
Ordering example: 129 x 50 = DII / St / SW 10 / M6 x 50



# Support Post (Metric)

## Spacer Bolts DII

[ Aluminium, metric thread ]



Internal thread lengths [L1 in mm]

| L       | M2.5+M3 | M4 | M5 | M6 | M8 |
|---------|---------|----|----|----|----|
| 5       | 5       | 5  |    |    |    |
| 8       | 8       | 8  | 8  |    |    |
| 10      | 10      | 10 | 10 | 10 |    |
| 12      | 12      | 12 | 12 | 12 |    |
| 15      | 7       | 15 | 15 | 15 | 15 |
| 18      | 7       | 9  | 9  | 9  | 18 |
| 20      | 7       | 9  | 10 | 10 | 20 |
| 25      | 7       | 9  | 10 | 12 | 12 |
| from 30 | 7       | 9  | 10 | 12 | 14 |

Minimum tensile strength: 310 N/mm<sup>2</sup>

Tolerance for length dimensions: +/- 0,1 mm

(applies to SW 13 : DIN 2768-m)

Lengths [mm]

| Order No.      | SW (hexagonal) | Thread | 05 | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 |
|----------------|----------------|--------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
| 132 x (length) | SW 5           | M2,5   | 05 | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 |    |    |    |    |    |    |    |     |
| 134 x          | SW 5,5         | M3     | 05 | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 |    |    |    |    |    |     |
| 135 x          | SW 6           | M3     | 05 | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 |    |    |    |    |    |     |
| 136 x          | SW 7           | M4     | 05 | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 |
| 138 x          | SW 8           | M5     |    | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 |
| 139 x          | SW 10          | M6     |    |    | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 |
| 1313 x         | SW 13          | M8     |    |    |    |    | 15 |    | 20 | 25 | 30 | 35 | 40 | 45 | 50 |    | 60 |    | 70 |    | 80 |    | 90 |    | 100 |

SW: width across flats

Ordering example: 136 x 50 = DII / Alu / SW 7 / M4 x 50



Spacer bolts

Type

hexagonal

Styles

internal / internal

Material

Aluminium 3.1655 / DMS 300

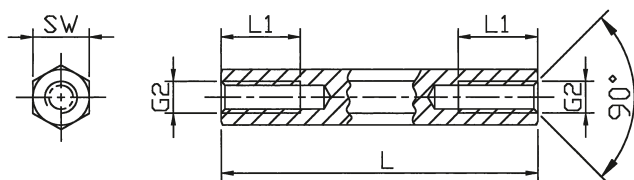
Standard Pack

from 100 pcs

# Support Post (Metric)

## Spacer Bolts DII

[ Stainless steel, metric thread ]



### Spacer bolts

Type

hexagonal

Styles

internal / internal

Material

Stainless steel 1.4305 / DMS 400

Standard Pack

from 100 pcs

Internal thread lengths [L1 in mm]

| L       | M2.5+M3 | M4 | M5 | M6 | M8 |
|---------|---------|----|----|----|----|
| 5       | 5       | 5  |    |    |    |
| 8       | 8       | 8  | 8  |    |    |
| 10      | 10      | 10 | 10 | 10 |    |
| 12      | 12      | 12 | 12 | 12 |    |
| 15      | 7       | 15 | 15 | 15 | 15 |
| 18      | 7       | 9  | 9  | 9  | 18 |
| 20      | 7       | 9  | 10 | 10 | 20 |
| 25      | 7       | 9  | 10 | 12 | 12 |
| from 30 | 7       | 9  | 10 | 12 | 14 |



Minimum tensile strength: 750 N/mm<sup>2</sup>

Tolerance for length dimensions: +/- 0,1 mm

(applies to SW 13 : DIN 2768-m)

Lengths [mm]

| Order No.      | SW (hexagonal) | Thread | 05 | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 |
|----------------|----------------|--------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
| 142 x (length) | SW 5           | M2,5   | 05 | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 |    |    |    |    |    |    |    |     |
| 144 x          | SW 5,5         | M3     | 05 | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 |    |    |    |    |    |     |
| 146 x          | SW 7           | M4     | 05 | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 |
| 148 x          | SW 8           | M5     |    | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 |
| 149 x          | SW 10          | M6     |    |    | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 |
| 1413 x         | SW 13          | M8     |    |    |    |    | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 |    | 60 |    | 70 |    | 80 |    | 90 |    |    | 100 |

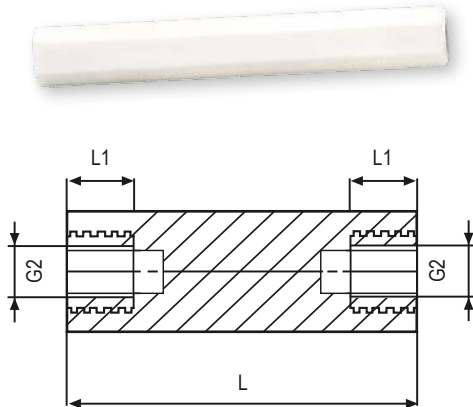
SW: width across flats

Ordering example: 146 x 50 = DII / 1.4305 / SW 7 / M4 x 50

# Support Post (Metric)

## Spacer Bolts DII

[ Polyamide, brass thread ]



Contact resistance:  $10^{12}$  Ohm / cm

Dielectric strength: 50 kV / mm

Tolerance for length dimensions:  $\pm 0,1$  mm

| Order No.       | SW (hexagonal) | Thread | Lengths (L) in mm increments |
|-----------------|----------------|--------|------------------------------|
| 1182 x (length) | SW 6           | M2,5   | 15-65                        |
| 1183 x          | SW 6           | M3     | 15-65                        |
| 1186 x          | SW 8           | M4     | 15-65                        |
| 1188 x          | SW 10          | M5     | 15-70                        |

SW: width across flats

### Spacer bolts

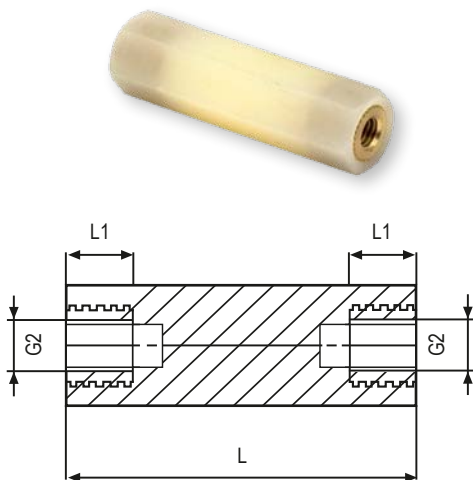
|               |                                                                         |
|---------------|-------------------------------------------------------------------------|
| Type          | hexagonal                                                               |
| Styles        | internal / internal                                                     |
| Material      | Body: Polyamide 6.6 / DMS 823<br>Thread: Brass, nickel plated / DMS 100 |
| Colour        | white                                                                   |
| Standard Pack | from 100 pcs                                                            |

### Strength / resistance values

| Thread lengths [mm] |    | Torques [Nm] |      |     | Pull-out torques [N] |      |     |
|---------------------|----|--------------|------|-----|----------------------|------|-----|
| G1=G2               | L1 | SW6          | M2,5 | 1,3 | SW6                  | M2,5 | 300 |
| M2,5                | 6  | SW6          | M3   | 1,3 | SW6                  | M3   | 300 |
| M3                  | 6  | SW8          | M4   | 3,0 | SW8                  | M4   | 600 |
| M4                  | 6  | SW10         | M5   | 4,5 | SW10                 | M5   | 800 |
| M5                  | 6  |              |      |     |                      |      |     |

**Note:** The pull-out strength and torques may vary depending on application and ambient influences (e.g. temperature, air humidity, etc.). for critical applications please carry out trials. DREMEC GmbH does not assume any liability for the specified strength values.

[ Polyamide, brass thread ]



Contact resistance:  $10^{12}$  Ohm / cm

Dielectric strength: 50 kV / mm

Tolerance for length dimensions:  $\pm 0,2$  mm

| Order No.         | SW (hexagonal) | Thread | Lengths (L) in mm increments |
|-------------------|----------------|--------|------------------------------|
| 118139 x (length) | SW 13          | M6     | 25-100                       |
| 1181510 x         | SW 15          | M8     | 25-100                       |

SW: width across flats

### Spacer bolts

|               |                                                                |
|---------------|----------------------------------------------------------------|
| Type          | hexagonal                                                      |
| Styles        | internal / internal                                            |
| Material      | Body: Polyamide 6.6 / DMS 818<br>Thread: Brass blank / DMS 101 |
| Colour        | natural                                                        |
| Standard Pack | from 100 pcs                                                   |

### Strength / resistance values

| Thread lengths [mm] |    | Torques [Nm] |    |      | Pull-out torques [N] |    |      |
|---------------------|----|--------------|----|------|----------------------|----|------|
| G1=G2               | L1 | SW13         | M6 | 12,0 | SW13                 | M6 | 1000 |
| M6                  | 11 | SW15         | M8 | 18,0 | SW15                 | M8 | 1600 |
| M8                  | 11 |              |    |      |                      |    |      |

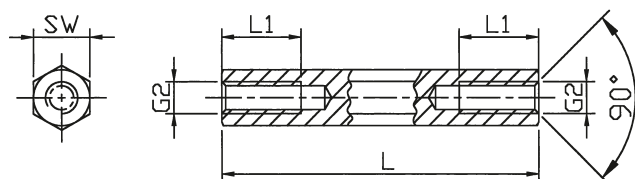
**Note:** The pull-out strength and torques may vary depending on application and ambient influences (e.g. temperature, air humidity, etc.). for critical applications please carry out trials. DREMEC GmbH does not assume any liability for the specified strength values.



# Support Post (Metric)

## Spacer Bolts DII

[ Polyamide, metric thread ]



Thread lengths [mm]

| Thread G2 | L (mm)  | L1 (mm)         |
|-----------|---------|-----------------|
| M2/M2.5   | to 14   | Dead-end thread |
|           | 15-20   | half length     |
|           | from 21 | 10              |
| M3        | to 15   | Dead-end thread |
|           | 16-20   | half length     |
|           | from 21 | 10              |
| M4/M5/M6  | to 20   | Dead-end thread |
|           | from 21 | 10              |



### Spacer bolts

|               |                            |
|---------------|----------------------------|
| Type          | hexagonal                  |
| Styles        | internal / internal        |
| Material      | Polyamide 6.0 GV / DMS 825 |
| Colour        | black                      |
| Standard Pack | from 100 pcs               |

Contact resistance DIN 53 482:  $>10^{12}$  Ohm/cm

Dielectric strength DIN 54 481: 40 kV/mm

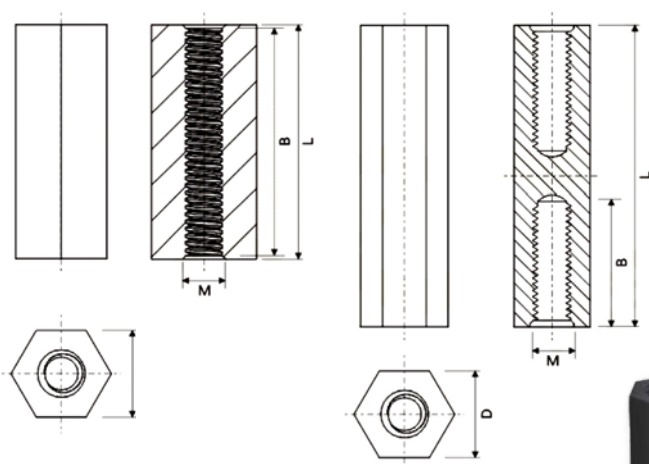
Tolerance for length dimensions:  $\pm 0,1$  mm

| Order No.      | SW (hexagonal) | Thread | Standard lengths in mm-increments |
|----------------|----------------|--------|-----------------------------------|
| 181 x (length) | SW 5           | M2     | from 5 mm to 45 mm                |
| 182 x          | SW 5           | M2,5   | from 4 mm to 55 mm                |
| 185 x          | SW 6           | M3     | from 5 mm to 65 mm                |
| 187 x          | SW 8           | M4     | from 5 mm to 68 mm                |
| 188 x          | SW 10          | M5     | from 5 mm to 65 mm                |
| 189 x          | SW 10          | M6     | from 4 mm to 65 mm                |

SW: width across flats

GV: Glass fibre reinforced

[ Polyamide, metric thread ]



"B" unilateral = 10 mm  
"L" < 20 mm = Perforation  
"L" > 20 mm = Blind hole



### Spacer bolts

|               |                                   |
|---------------|-----------------------------------|
| Type          | thread / thread                   |
| Styles        | internal / internal               |
| Material      | Nylon 6 glass filled HB / DMS 817 |
| Colour        | black / natural                   |
| Unit          | mm                                |
| Standard Pack | 1.000 pcs                         |

Standard Lengths "L" in 1 mm increments available

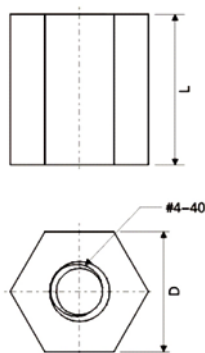
| Order No.      | Colour | "B" | "D"  | "L" | "M"  |
|----------------|--------|-----|------|-----|------|
| 8G512M2x5.0    | B      | N   | 5.0  | 5.0 | M2   |
| 8G512M2x10.0   | B      | N   | 10.0 | 5.0 | M2   |
| 8G512M2x13.0   | B      | N   | 13.0 | 5.0 | M2   |
| 8G512M2.5x20.0 | B      | N   | 20.0 | 5.0 | M2.5 |
| 8G512M3x10.0   | B      | N   | 10.0 | 6.0 | M3   |
| 8G512M3x24.0   | B      | N   | 10.0 | 6.0 | M3   |
| 8G512M4x16.0   | B      | N   | 16.0 | 8.0 | M4   |
| 8G512M4x20.0   | B      | N   | 20.0 | 8.0 | M4   |

Ordering example: 8G512M2x5.0B for black  
8G512M2x5.0N for natural

# Support Post (Metric)

## Spacer Bolts DII

[ Polyamide, UNC-thread ]



### Spacer bolts

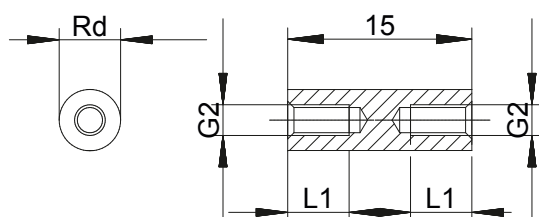
|               |                        |
|---------------|------------------------|
| Type          | thread / thread        |
| Styles        | internal / internal    |
| Material      | Nylon 6/6 V0 / DMS 806 |
| Colour        | black / natural        |
| Unit          | mm                     |
| Standard Pack | 500 pcs                |

Standard Lengths "L" in 1 mm increments available

| Order No.     | Colour | "D" | "L" | "Inch" |
|---------------|--------|-----|-----|--------|
| 8G5134-40x8.0 | B      | N   | 6.4 | 8.0    |
|               |        |     |     | #4-40  |

Ordering example: 8G5134-40x8.0B for black

[ Polyamide, metric thread ]



### Spacer bolts

|               |                            |
|---------------|----------------------------|
| Type          | round                      |
| Styles        | internal / internal        |
| Material      | Polyamide 6.0 GV / DMS 825 |
| Colour        | black                      |
| Standard Pack | from 100 pcs               |

### Thread lengths [mm]

| Thread G2    | L (mm)  | L1 (mm)         |
|--------------|---------|-----------------|
| M2 / M2.5    | to 14   | Dead-end thread |
|              | 15-20   | half length     |
|              | from 21 | 10              |
| M3           | to 15   | Dead-end thread |
|              | 16-20   | half length     |
|              | from 21 | 10              |
| M4 / M5 / M6 | to 20   | Dead-end thread |
|              | from 21 | 10              |

Contact resistance DIN 53 482:  $>10^{12}$  Ohm / cm

Dielectric strength DIN 54 481: 40 kV / mm

Tolerance for length dimensions:  $\pm 0,1$  mm

| Order No.         | Diameter (mm) | Thread | Standard lengths in mm-increments |
|-------------------|---------------|--------|-----------------------------------|
| 181 rd x (length) | 4             | M2     | from 5 mm to 45 mm                |
| 182 rd x          | 5             | M2,5   | from 4 mm to 55 mm                |
| 185 rd x          | 6             | M3     | from 5 mm to 60 mm                |
| 187 rd x          | 8             | M4     | from 5 mm to 65 mm                |

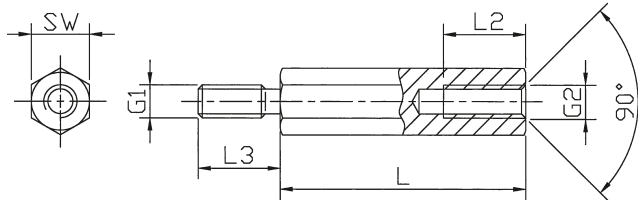
GV: Glass fibre reinforced

Ordering example: 185rd x 30 = DII / rd6 / Polyamide GV / M3 / x 30

# Support Post (Metric)

## Spacer Bolts DIA

[ Brass, metric thread ]



### Spacer bolts

|               |                                                                     |
|---------------|---------------------------------------------------------------------|
| Type          | hexagonal                                                           |
| Styles        | internal / external<br>with undercut<br>(optional without undercut) |
| Material      | Brass 2.0401 / DMS 100                                              |
| Surface       | nickel plated (G3E)                                                 |
| Standard Pack | from 100 pcs                                                        |

### Internal thread lengths [mm]

| L       | L2 at M2 | L2 at M2,5 to M5 | L2 at M6 |
|---------|----------|------------------|----------|
| 5       | 3        | 3                |          |
| 6       | 4        | 4                |          |
| 8       | 5        | 5                |          |
| 10      | 6        | 6                | 6        |
| 12      | 6        | 7                | 7        |
| 15      | 6        | 10               | 10       |
| 18      | 6        | 10               | 10       |
| from 20 | 6        | 10               | 12       |

### External thread lengths [mm]

| G1=G2 | L3  |
|-------|-----|
| M2    | 5   |
| M2,5  | 6   |
| M3    | 6+8 |
| M4    | 8   |
| M5    | 8   |
| M6    | 10  |



(Illustration: Brass blank, optional bl.)



Minimum tensile strength: 430 N/mm<sup>2</sup>  
Tolerance for length dimensions: +/- 0,1 mm

### Lengths [mm]

| Order No.      | SW (hexagonal) | Thread | 05 | 06 | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 |
|----------------|----------------|--------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
| 211 x (length) | SW 4           | M2     | 05 | 06 | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 |    |    |    |    |    |    |    |    |    |     |
| 2112 x         | SW 4           | M2,5   | 05 | 06 | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 |    |    |    |    |    |    |    |    |    |     |
| 212 x          | SW 5           | M2,5   | 05 | 06 | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 |    |    |    |    |    |    |    |     |
| 213 x          | SW 5           | M3     | 05 | 06 | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 |    |    |    |    |    |    |    |     |
| 214 x          | SW 5,5         | M3     | 05 | 06 | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 |    |    |    |    |    |     |
| 215 x          | SW 6           | M3     | 05 | 06 | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 |
| 216 x          | SW 7           | M4     | 05 | 06 | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 |
| 218 x          | SW 8           | M5     |    |    | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 |
| 219 x          | SW 10          | M6     |    |    |    | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 |
| 2113 x         | SW 13          | M8     |    |    |    |    |    | 15 |    | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 |

SW: width across flats

Ordering example: 211 x 10 = DIA / Br / SW 4 / M2 x 10

Please add the suffix "of" to the article No. to specify the variant without undercut.

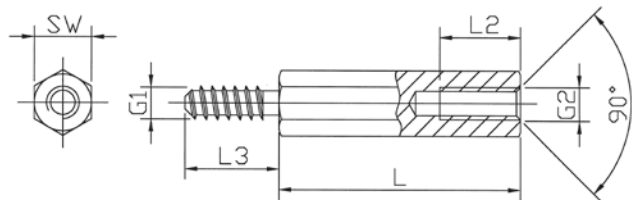
Articles 213 and 214 also come in an ext. thread length of 6 mm. In this case the article number has the suffix "K"

Example: 213 x 10K = DIA / Br / SW 5 / M3 x 10 (6)

# Support Post (Metric)

## Spacer Bolts DIA

[ Brass, self-tapping thread ]



Styles DIA / internal / external

### Spacer bolts

#### Type

#### Styles

#### Material

#### Surface

#### Standard Pack

hexagonal  
internal / external  
with undercut  
(optional without undercut)  
Brass 2.0401 / DMS 100  
nickel plated (G3E)  
from 100 pcs

### External thread G1 [mm]

| Thread size | l3 | d1  | d2  |
|-------------|----|-----|-----|
| ST2,2       | 5  | 2,1 | 1,6 |
| ST2,9       | 6  | 2,8 | 2,1 |
| ST3,3       | 6  | 3,2 | 2,3 |
| ST3,5       | 7  | 3,4 | 2,6 |
| ST4,2       | 8  | 4,1 | 3,0 |
| ST4,8       | 8  | 4,7 | 3,5 |
| ST6,3       | 10 | 6,1 | 4,8 |

### Internal thread G2 [mm]

| L (mm) | l2 (mm) |
|--------|---------|
| 8      | 5       |
| 10     | 6       |
| 12     | 7       |
| 15     | 10      |
| 20     | 10      |



### Tolerance for length dimensions: +/- 0,1 mm

### Standard lengths [mm]

| Order No.           | SW (mm) | Thread size G1 | Thread size G2 | 08 | 10 | 12 | 15 | 20 |
|---------------------|---------|----------------|----------------|----|----|----|----|----|
| 212ST2,2 x (length) | 5       | ST2,2          | M2,5           | 08 | 10 | 12 | 15 | 20 |
| 214ST2,9 x          | 5,5     | ST2,9          | M3             | 08 | 10 | 12 | 15 | 20 |
| 214ST3,3 x          | 5,5     | ST3,3          | M3             | 08 | 10 | 12 | 15 | 20 |
| 215ST3,5 x          | 6       | ST3,5          | M3             | 08 | 10 | 12 | 15 | 20 |
| 216ST4,2 x          | 7       | ST4,2          | M4             | 08 | 10 | 12 | 15 | 20 |
| 218ST4,8 x          | 8       | ST4,8          | M5             | 08 | 10 | 12 | 15 | 20 |
| 219ST6,3 x          | 10      | ST6,3          | M6             |    | 10 | 12 | 15 | 20 |

**SW:** width across flats

Please add the suffix "of" to the article No. to specify the variant without undercut.

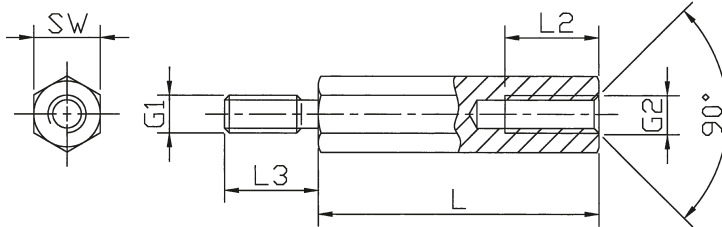
**Ordering example:** 212ST2,2 x 15of = DIA / Br / SW 5 / M2,5 - St 2,2 x 15of



# Support Post (Metric)

## Spacer Bolts DIA

[ Brass, UNC-thread ]



### Spacer bolts

#### Type

#### Styles

#### Material

#### Surface

#### Standard Pack

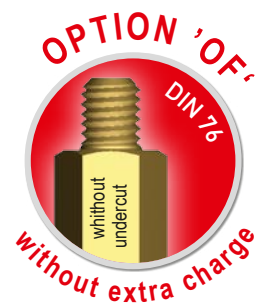
hexagonal  
internal / external  
with undercut  
(optional without undercut)  
Brass 2.0401 / DMS 100  
nickel plated (G3E)  
from 100 pcs

### Thread lengths [mm]

| L | L2 | L3                 |
|---|----|--------------------|
| 5 | 3  | 4, 5, 6, 8, 10, 12 |
| 6 | 4  | 6, 8               |

All UNC-types are also available in steel, various lengths as well as UNC 6-32, 8-32 UNC and UNC 2-56 threads.

The tolerances for length dimensions: + / - 0.1 mm



### Standard lengths [mm]

| Order No.       | SW (hexagonal) | Internal thread | External thread | 05 | 06 |
|-----------------|----------------|-----------------|-----------------|----|----|
| 2100 x (length) | SW5            | 4-40 UNC        | 4-40 UNC        | 05 | 06 |
| 2103 x          | SW5            | 4-40 UNC        | M3              | 05 | 06 |
| 2130 x          | SW5            | M3              | 4-40 UNC        | 05 | 06 |

SW: width across flats

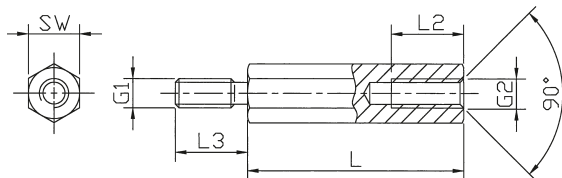
**Ordering example:** 2100 x 05 / 12 = DIA / Br / SW5 / UNC 4-40 x 05 / 12 (Body length / Outer thread length)

Please add the suffix "of" to the article No. to specify the variant without undercut.

# Support Post (Metric)

## Spacer Bolts DIA

[ Steel, metric thread ]



### Spacer bolts

#### Type

hexagonal

#### Styles

internal / external  
with undercut  
(optional without undercut)

#### Material

Steel 1.0718 / DMS 200

#### Surface

zinc plated (A3F)

#### Standard Pack

from 100 pcs

### Internal thread lengths [mm]

| L       | L2 at M2 | L2 at M2,5 to M5 | L2 at M6 | L2 at M8 |
|---------|----------|------------------|----------|----------|
| 5       | 3        | 3                |          |          |
| 8       | 5        | 5                |          |          |
| 10      | 6        | 6                | 6        |          |
| 12      | 6        | 7                | 7        |          |
| 15      | 6        | 10               | 10       | 10       |
| 18      | 6        | 10               | 10       |          |
| from 20 | 6        | 10               | 12       | 14       |

### External head lengths [mm]

| G1=G2 | L3 |
|-------|----|
| M2    | 5  |
| M2,5  | 6  |
| M3    | 6  |
| M4    | 8  |
| M5    | 8  |
| M6    | 10 |
| M8    | 14 |



Minimum tensile strength: 500 N/mm<sup>2</sup>

Tolerance for length dimensions: +/- 0,1 mm

(applies to SW 13 : DIN 2768-m)

### Lengths [mm]

| Order No.      | SW (hexagonal) | Thread | 05 | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95  | 100 |
|----------------|----------------|--------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|-----|
| 221 x (length) | SW 4           | M2     | 05 | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 |    |    |    |    |    |    |    |    |    |    |     |     |
| 2212 x         | SW 4           | M2,5   | 05 | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 |    |    |    |    |    |    |    |    |    |    |     |     |
| 222 x          | SW 5           | M2,5   | 05 | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 |    |    |    |    |    |    |    |    |     |     |
| 223 x          | SW 5           | M3     | 05 | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 |    |    |    |    |    |    |    |    |     |     |
| 224 x          | SW 5,5         | M3     | 05 | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 |    |    |    |    |     |     |
| 225 x          | SW 6           | M3     | 05 | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95  | 100 |
| 226 x          | SW 7           | M4     | 05 | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95  | 100 |
| 227 x          | SW 8           | M4     | 05 | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95  | 100 |
| 228 x          | SW 8           | M5     |    | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95  | 100 |
| 229 x          | SW 10          | M6     |    |    | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95  | 100 |
| 2213 x         | SW 13          | M8     |    |    |    |    | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 |     |

SW: width across flats

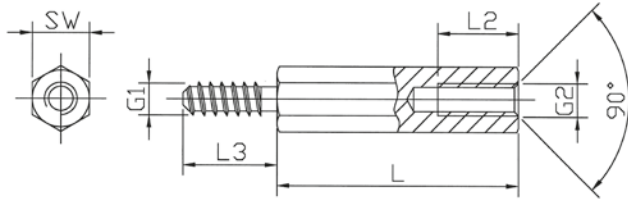
Ordering example: 229 x 50 = DIA / St / SW 10 / M6 x 50

Please add the suffix "of" to the article No. to specify the variant without undercut.

# Support Post (Metric)

## Spacer Bolts DIA

[ Steel, self-tapping thread ]



### Spacer bolts

#### Type

hexagonal

#### Styles

internal / external  
with undercut  
(optional without undercut)

#### Material

Steel 1.0718 / DMS 200

#### Surface

zinc plated (A3F)

#### Standard Pack

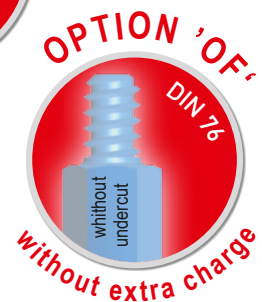
from 100 pcs

### External thread G1 [mm]

| Thread size | l3 | d1  | d2  |
|-------------|----|-----|-----|
| ST2,2       | 5  | 2,1 | 1,6 |
| ST2,9       | 6  | 2,8 | 2,1 |
| ST3,3       | 6  | 3,2 | 2,3 |
| ST3,5       | 7  | 3,4 | 2,6 |
| ST4,2       | 8  | 4,1 | 3,0 |
| ST4,8       | 8  | 4,7 | 3,5 |
| ST6,3       | 10 | 6,1 | 4,8 |

### Internal thread G2 [mm]

| L (mm) | l2 (mm) |
|--------|---------|
| 8      | 5       |
| 10     | 6       |
| 12     | 7       |
| 15     | 10      |
| 20     | 10      |



Tolerance for length dimensions: +/- 0,1 mm

### Standard lengths [mm]

| Order No.           | SW (mm) | Thread size G1 | Thread size G2 | 08 | 10 | 12 | 15 | 20 |
|---------------------|---------|----------------|----------------|----|----|----|----|----|
| 222ST2,2 x (length) | 5       | ST2,2          | M2,5           | 08 | 10 | 12 | 15 | 20 |
| 224ST2,9 x          | 5,5     | ST2,9          | M3             | 08 | 10 | 12 | 15 | 20 |
| 224ST3,3 x          | 5,5     | ST3,3          | M3             | 08 | 10 | 12 | 15 | 20 |
| 225ST3,5 x          | 6       | ST3,5          | M3             | 08 | 10 | 12 | 15 | 20 |
| 226ST4,2 x          | 7       | ST4,2          | M4             | 08 | 10 | 12 | 15 | 20 |
| 228ST4,8 x          | 8       | ST4,8          | M5             | 08 | 10 | 12 | 15 | 20 |
| 229ST6,3 x          | 10      | ST6,3          | M6             |    | 10 | 12 | 15 | 20 |

**SW:** width across flats

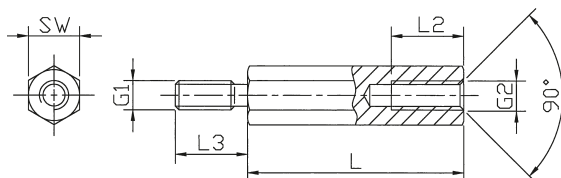
Please add the suffix "of" to the article No. to specify the variant without undercut.

**Ordering example:** 222ST2,2 x 15of = DIA / St / SW 5 / M2,5 - St 2,2 x 15of

# Support Post (Metric)

## Spacer Bolts DIA

[ Aluminium, metric thread ]



### Spacer bolts

#### Type

hexagonal

#### Styles

internal / external  
with undercut

(optional without undercut)

#### Material

Aluminium 3.1655 / DMS 300

#### Standard Pack

from 100 pcs

### Internal thread lengths [L2 in mm]

| L       | M2.5+M3 | M4 | M5 | M6 | M8 |
|---------|---------|----|----|----|----|
| 5       | 2,5     |    |    |    |    |
| 8       | 5       | 5  |    |    |    |
| 10      | 6       | 6  | 6  | 5  |    |
| 12      | 7       | 8  | 8  | 7  |    |
| 15      | 7       | 9  | 10 | 10 | 10 |
| 18      | 7       | 9  | 10 | 12 | 12 |
| from 20 | 7       | 9  | 10 | 12 | 14 |

### External thread lengths [L3 in mm]

| G1=G2 | L3 |
|-------|----|
| M3    | 6  |
| M4    | 8  |
| M5    | 8  |
| M6    | 10 |
| M8    | 14 |

Minimum tensile strength: 310 N/mm<sup>2</sup>

Tolerance for length dimensions: +/- 0,1 mm

(applies to SW 13 : DIN 2768-m)



### Lengths [mm]

| Order No.      | SW (hexagonal) | Thread | 05 | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 |
|----------------|----------------|--------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
| 232 x (length) | SW 5           | M2,5   | 05 | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 |    |    |    |    |    |    |    |     |
| 234 x          | SW 5,5         | M3     | 05 | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 |    |    |    |    |    |    |    |     |
| 235 x          | SW 6           | M3     | 05 | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 |    |    |    |    |    |     |
| 236 x          | SW 7           | M4     | 05 | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 |
| 238 x          | SW 8           | M5     |    | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 |
| 239 x          | SW 10          | M6     |    |    | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 |
| 2313 x         | SW 13          | M8     |    |    |    |    | 15 |    | 20 | 25 | 30 | 35 | 40 | 45 | 50 |    | 60 |    | 70 |    | 80 |    | 90 |    | 100 |

SW: width across flats

Ordering example: 236 x 50 = DIA / Alu / SW 7 / M4 x 50

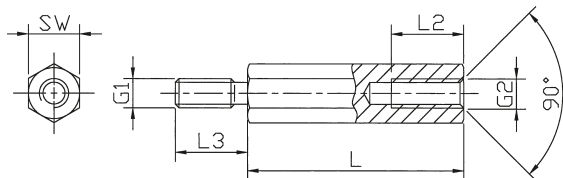
Please add the suffix "of" to the article No. to specify the variant without undercut



# Support Post (Metric)

## Spacer Bolts DIA

[ Stainless steel, metric thread ]



### Spacer bolts

Type

hexagonal

Styles

internal / external

with undercut

(optional without undercut)

Material

Stainless steel 1.4305 / DMS 400

Standard Pack

from 100 pcs

Internal thread lengths [L2 in mm]

| L       | M2.5+M3 | M4 | M5 | M6 | M8 |
|---------|---------|----|----|----|----|
| 5       | 2,5     |    |    |    |    |
| 8       | 5       | 5  |    |    |    |
| 10      | 6       | 6  | 6  | 5  |    |
| 12      | 7       | 8  | 8  | 7  |    |
| 15      | 7       | 9  | 10 | 10 | 10 |
| 18      | 7       | 9  | 10 | 12 | 12 |
| from 20 | 7       | 9  | 10 | 12 | 14 |

External thread lengths [L3 in mm]

| G1=G2 | L3 |
|-------|----|
| M3    | 6  |
| M4    | 8  |
| M5    | 8  |
| M6    | 10 |
| M8    | 14 |

Minimum tensile strength: 750 N/mm<sup>2</sup>

Tolerance for length dimensions: +/- 0,1 mm

(applies to SW 13 : DIN 2768-m)



Lengths [mm]

| Order No.      | SW (hexagonal) | Thread | 05 | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 |
|----------------|----------------|--------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
| 242 x (length) | SW 5           | M2,5   | 05 | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 |    |    |    |    |    |    |    |     |
| 244 x          | SW 5,5         | M3     | 05 | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 |    |    |    |    |    |     |
| 246 x          | SW 7           | M4     |    | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 |
| 248 x          | SW 8           | M5     |    |    | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 |
| 249 x          | SW 10          | M6     |    |    | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 |
| 2413 x         | SW 13          | M8     |    |    |    |    | 15 |    | 20 | 25 | 30 | 35 | 40 | 45 | 50 |    | 60 |    | 70 |    | 80 |    | 90 |    | 100 |

SW: width across flats

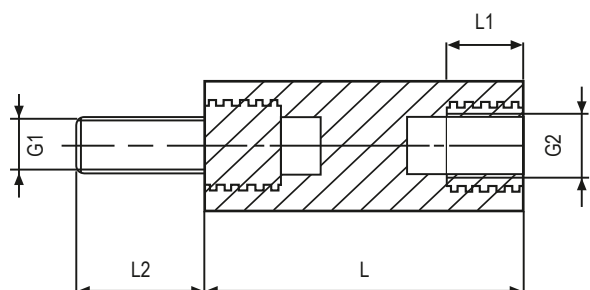
Ordering example: 246 x 50 = DIA / 1.4305 / SW 7 / M4 x 50

Please add the suffix "of" to the article No. to specify the variant without undercut

# Support Post (Metric)

## Spacer Bolts DIA

[ Polyamide, brass thread ]



### Spacer bolts

|               |                                                                         |
|---------------|-------------------------------------------------------------------------|
| Type          | hexagonal                                                               |
| Styles        | internal / external<br>without undercut DIN 76                          |
| Material      | Body: Polyamide 6.6 / DMS 823<br>Thread: Brass, nickel plated / DMS 100 |
| Colour        | white                                                                   |
| Standard Pack | from 100 pcs                                                            |

### Strength / resistance values

#### Thread lengths [mm]

| G1=G2 | L1 (mm) | L2 (mm) |
|-------|---------|---------|
| M2,5  | 6       | 6       |
| M3    | 6       | 8       |
| M4    | 6       | 8       |
| M5    | 6       | 10      |

#### Torques [Nm]

|      |      |     |
|------|------|-----|
| SW6  | M2,5 | 1,3 |
| SW6  | M3   | 1,3 |
| SW8  | M4   | 3,0 |
| SW10 | M5   | 4,5 |

#### Pull-out torques [N]

|      |      |     |
|------|------|-----|
| SW6  | M2,5 | 300 |
| SW6  | M3   | 300 |
| SW8  | M4   | 600 |
| SW10 | M5   | 800 |

Contact resistance:  $10^{12}$  Ohm / cm

Dielectric strength: 50 kV / mm

Tolerance for length dimensions: +/- 0,1 mm

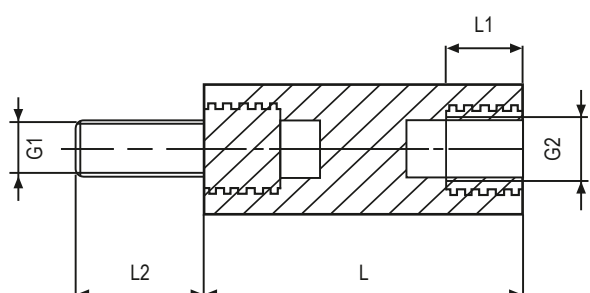
| Order No.       | SW (hexagonal) | Thread | Lengths (L) in mm increments |
|-----------------|----------------|--------|------------------------------|
| 2182 x (length) | SW 6           | M2,5   | 15-65                        |
| 2183 x          | SW 6           | M3     | 15-65                        |
| 2186 x          | SW 8           | M4     | 15-65                        |
| 2188 x          | SW 10          | M5     | 15-70                        |

SW: width across flats

Ordering example: 2188 x 45 = DIA / Br-Polyamide / SW10 / M5 x 45

**Note:** The pull-out strength and torques may vary depending on application and ambient influences (e.g. temperature, air humidity, etc.). for critical applications please carry out trials. DREMEC GmbH does not assume any liability for the specified strength values.

[ Polyamide, brass thread ]



### Spacer bolts

|               |                                                                |
|---------------|----------------------------------------------------------------|
| Type          | hexagonal                                                      |
| Styles        | internal / external<br>without undercut DIN 76                 |
| Material      | Body: Polyamide 6.6 / DMS 818<br>Thread: Brass blank / DMS 101 |
| Colour        | natural                                                        |
| Standard Pack | from 100 pcs                                                   |

### Strength / resistance values

#### Thread lengths [mm]

| G1=G2 | L1 (mm) | L2 (mm) |
|-------|---------|---------|
| M6    | 11      | 12      |
| M8    | 11      | 14      |

#### Torques [Nm]

|      |    |      |
|------|----|------|
| SW13 | M6 | 12,0 |
| SW15 | M8 | 18,0 |

#### Pull-out torques [N]

|      |    |      |
|------|----|------|
| SW13 | M6 | 1000 |
| SW15 | M8 | 1600 |

Contact resistance:  $10^{12}$  Ohm / cm

Dielectric strength: 50 kV / mm

Tolerance for length dimensions: +/- 0,2 mm

| Order No.         | SW (hexagonal) | Thread | Lengths (L) in mm increments |
|-------------------|----------------|--------|------------------------------|
| 218139 x (length) | SW 13          | M6     | 25-100                       |
| 2181510 x         | SW 15          | M8     | 25-100                       |

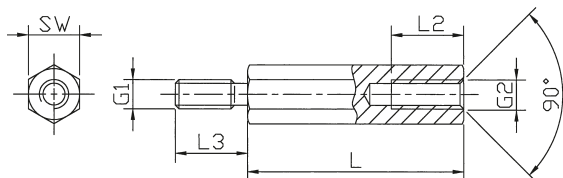
SW: width across flats

**Note:** The pull-out strength and torques may vary depending on application and ambient influences (e.g. temperature, air humidity, etc.). for critical applications please carry out trials. DREMEC GmbH does not assume any liability for the specified strength values.

# Support Post (Metric)

## Spacer Bolts DIA

[ Polyamide, metric thread ]



### Spacer bolts

|               |                         |
|---------------|-------------------------|
| Type          | hexagonal               |
| Styles        | internal / external     |
| Material      | Polyamide 6.6 / DMS 824 |
| Colour        | black                   |
| Standard Pack | from 100 pcs            |

Internal thread lengths [mm] External thread lengths [mm]

| L (mm)  | L2 (mm) | G1=G2 | L3 (mm) |
|---------|---------|-------|---------|
| 5       | 3,0     | M2,5  | 8       |
| from 6  | 4,0     | M3    | 8       |
| from 8  | 6,0     | M4    | 8       |
| from 10 | 8,0     | M5    | 8       |
| from 12 | 10,0    | M6    | 10      |



Contact resistance DIN 53 482:  $>10^{12}$  Ohm / cm

Dielectric strength DIN 54 481: 40 kV / mm

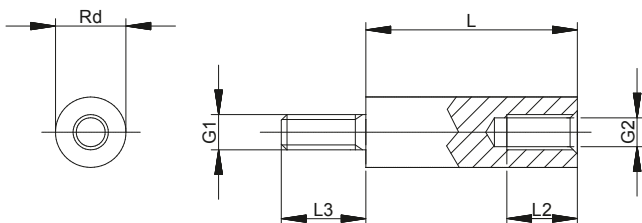
Tolerance for length dimensions:  $\pm 0,1$  mm

| Order No.      | SW (hexagonal) | Thread | Standard lengths in mm-increments |
|----------------|----------------|--------|-----------------------------------|
| 282 x (length) | SW 5           | M2,5   | from 5 mm to 45 mm                |
| 285 x          | SW 6           | M3     | from 5 mm to 60 mm                |
| 287 x          | SW 8           | M4     | from 5 mm to 60 mm                |
| 288 x          | SW 10          | M5     | from 8 mm to 65 mm                |
| 289 x          | SW 10          | M6     | from 8 mm to 60 mm                |

SW: width across flats

Ordering example: 282 x 15 = DIA / Polyamide / SW 5 / M2,5 x 15

[ Polyamide, metric thread ]



### Spacer bolts

|               |                         |
|---------------|-------------------------|
| Type          | round                   |
| Styles        | internal / external     |
| Material      | Polyamide 6.6 / DMS 824 |
| Colour        | black                   |
| Standard Pack | from 100 pcs            |

Internal thread lengths [mm] External thread lengths [mm]

| L (mm)  | L2 (mm) | G1=G2 | L3 (mm) |
|---------|---------|-------|---------|
| 5       | 3,0     | M2,5  | 8       |
| from 6  | 4,0     | M3    | 8       |
| from 8  | 6,0     | M4    | 8       |
| from 10 | 8,0     | M5    | 8       |
| from 12 | 10,0    | M6    | 10      |



Contact resistance DIN 53 482:  $>10^{12}$  Ohm / cm

Dielectric strength DIN 54 481: 40 kV / mm

Tolerance for length dimensions:  $\pm 0,1$  mm

| Order No.         | Diameter (mm) | Thread | Standard lengths in mm-increments |
|-------------------|---------------|--------|-----------------------------------|
| 285 rd x (length) | 6             | M3     | from 5 mm to 60 mm                |
| 287 rd x          | 8             | M4     | from 5 mm to 60 mm                |

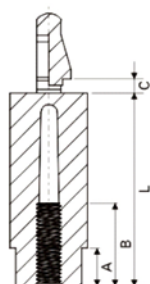
SW: width across flats

Ordering example: 285 rd x 30 = DIA / rd6 / Polyamide / M3 / x 30

# Support Post (Metric)

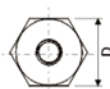
## Spacer Bolts DIA

[ Polyamide, metric thread ]



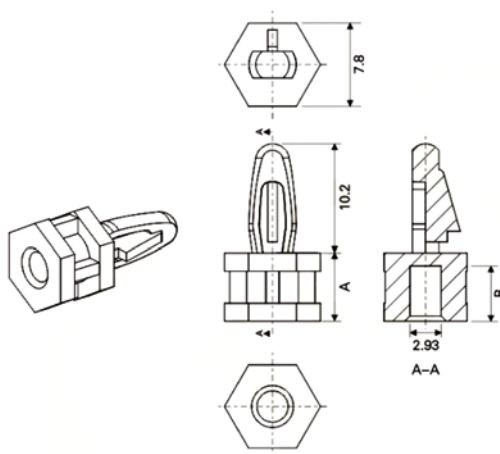
### Spacer bolts

|                 |                      |
|-----------------|----------------------|
| Type            | thread / snap-lock   |
| Styles          | internal / external  |
| Material        | Nylon 6 HB / DMS 820 |
| Colour          | black                |
| Unit            | mm                   |
| Panel Thickness | see table for "C"    |
| Standard Pack   | 1.000 pcs            |



| Order No.      | "A"  | "B"  | "C" | "D" | "L"  | "M" |
|----------------|------|------|-----|-----|------|-----|
| 8G501M3x15/1.7 | 2.2  | 7.6  | 1.7 | 6.0 | 15.0 | M3  |
| 8G501M3x23/1.7 | 4.5  | 10.0 | 1.7 | 8.0 | 23.0 | M3  |
| 8G501M3x20/1.8 | 2.2  | 10.0 | 1.8 | 6.0 | 20.0 | M3  |
| 8G501M3x8/2.0  | 1.5  | 6.0  | 2.0 | 6.0 | 8.0  | M3  |
| 8G501M4x10/1.7 | 1.4  | 5.0  | 1.7 | 8.0 | 10.0 | M4  |
| 8G501M4x15/1.7 | 1.4  | 8.0  | 1.7 | 8.0 | 15.0 | M4  |
| 8G501M4x70/1.7 | 12.6 | 12.6 | 1.7 | 8.0 | 70.0 | M4  |
| 8G501M4x30/1.7 | 5.0  | 10.0 | 1.7 | 8.0 | 30.0 | M4  |
| 8G501M4x30/1.8 | 5.0  | 10.0 | 1.8 | 8.0 | 30.0 | M4  |
| 8G501M4x30/2.2 | 5.0  | 10.0 | 2.2 | 8.0 | 30.0 | M4  |
| 8G501M4x35/2.2 | 5.0  | 10.0 | 2.2 | 8.0 | 35.0 | M4  |

[ Polyamide, for self-tapping screws ]



### Spacer bolts

|                 |                                                  |
|-----------------|--------------------------------------------------|
| Type            | for self-tapping screws / snap-lock              |
| Styles          | internal / external                              |
| Material        | Nylon 6/6 V2 / DMS 801<br>Nylon 6/6 V0 / DMS 806 |
| Colour          | natural                                          |
| Unit            | mm                                               |
| Panel Thickness | 1.57 mm                                          |
| Standard Pack   | 1.000 pcs                                        |

| Order No.      | "A" ± 0.4 | "B" |
|----------------|-----------|-----|
| 8G5021.57x6.4  | 6.4       | 5.2 |
| 8G5021.57x9.5  | 9.5       | 7.9 |
| 8G5021.57x12.7 | 12.7      | 7.9 |
| 8G5021.57x15.9 | 15.9      | 7.9 |
| 8G5021.57x19.1 | 19.1      | 7.9 |
| 8G5021.57x22.2 | 22.2      | 7.9 |
| 8G5021.57x25.4 | 25.4      | 7.9 |
| 8G5021.57x28.6 | 28.6      | 7.9 |
| 8G5021.57x31.7 | 31.7      | 7.9 |
| 8G5021.57x35.7 | 35.7      | 7.9 |

Ordering example: 8G5021.57x6.4 for V2  
8G5021.57x6.4V0 for V0

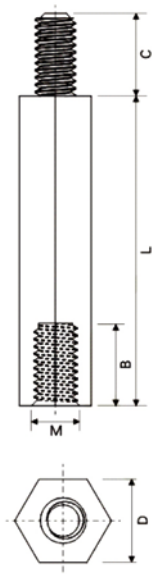
Top Hole  $\varnothing 4.0 \pm 0.08$  mm  
Panel Thickness 1.57 mm

Please add the suffix "VO" to the article  
No. to specify the variant in VO

# Support Post (Metric)

## Spacer Bolts DIA

[ Polyamide, metric thread ]



### Spacer bolts

|               |                      |
|---------------|----------------------|
| Type          | thread / thread      |
| Styles        | internal / external  |
| Material      | Nylon 6 HB / DMS 820 |
| Colour        | black / natural      |
| Unit          | mm                   |
| Standard Pack | 1.000 pcs            |

Standard lengths "L" in 1 mm increments available

| Order No.    | Colour |   | "B"  | "C"  | "D"  | "L"  | "M" |
|--------------|--------|---|------|------|------|------|-----|
| 8G509M4x7.0  | B      | N | 5.5  | 8.0  | 8.0  | 7.0  | M4  |
| 8G509M4x8.0  | B      | N | 6.0  | 8.0  | 8.0  | 8.0  | M4  |
| 8G509M4x10.0 | B      | N | 6.0  | 8.0  | 8.0  | 10.0 | M4  |
| 8G509M4x15.0 | B      | N | 8.0  | 8.0  | 8.0  | 15.0 | M4  |
| 8G509M4x40.0 | B      | N | 10.0 | 8.0  | 8.0  | 40.0 | M4  |
| 8G509M4x42.0 | B      | N | 10.0 | 8.0  | 8.0  | 42.0 | M4  |
| 8G509M4x45.0 | B      |   | 8.0  | 6.0  | 7.0  | 45.0 | M4  |
| 8G509M5x10.0 | B      | N | 8.0  | 8.0  | 10.0 | 10.0 | M5  |
| 8G509M5x16.0 | B      | N | 10.0 | 8.0  | 10.0 | 16.0 | M5  |
| 8G509M5x30.0 | B      | N | 10.0 | 8.0  | 10.0 | 30.0 | M5  |
| 8G509M5x40.0 | B      | N | 10.0 | 10.5 | 10.0 | 40.0 | M5  |

Standard lengths "L" in 1 mm increments available

| Order No.     | Colour |   | "B"  | "C" | "D" | "L"  | "M" |
|---------------|--------|---|------|-----|-----|------|-----|
| 8G509M3x6.0   | B      | N | 4.0  | 8.0 | 6.0 | 6.0  | M3  |
| 8G509M3x8.0   | B      | N | 6.0  | 8.0 | 6.0 | 8.0  | M3  |
| 8G509M3x8/6.3 |        | N | 6.0  | 6.3 | 6.0 | 8.0  | M3  |
| 8G509M3x10.0  | B      | N | 8.0  | 8.0 | 6.0 | 10.0 | M3  |
| 8G509M3x20.0  | B      | N | 10.0 | 8.0 | 6.0 | 20.0 | M3  |
| 8G509M3x22.0  | B      | N | 10.0 | 8.0 | 6.0 | 22.0 | M3  |
| 8G509M3x30.0  | B      | N | 10.0 | 8.0 | 6.0 | 30.0 | M3  |

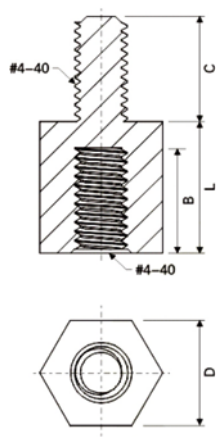
Ordering example: 8G509M3x6.0B for black  
8G509M3x6.0N for natural



# Support Post (Metric)

## Spacer Bolts DIA

[ Polyamide, UNC-thread ]



### Spacer bolts

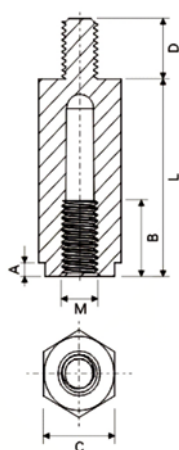
|               |                      |
|---------------|----------------------|
| Type          | thread / thread      |
| Styles        | internal / external  |
| Material      | Nylon 6 HB / DMS 820 |
| Colour        | black / natural      |
| Unit          | mm                   |
| Standard Pack | 500 pcs              |

Standard lengths "L" in 1 mm increments available

| Order No.     | Colour |   | "B" | "C" | "D" | "L" | "Inch" |
|---------------|--------|---|-----|-----|-----|-----|--------|
| 8G5104-40x6.0 | B      | N | 4.8 | 4.8 | 6.4 | 6.0 | #4-40  |
| 8G5104-40x8.0 | B      | N | 4.8 | 4.8 | 6.4 | 8.0 | #4-40  |

Ordering example: 8G5104-40x6.0B for black  
8G5104-40x6.0N for natural

[ Polyamid, metric thread ]



### Spacer bolts

|               |                      |
|---------------|----------------------|
| Type          | thread / thread      |
| Styles        | internal / external  |
| Material      | Nylon 6 HB / DMS 820 |
| Colour        | black / natural      |
| Unit          | mm                   |
| Standard Pack | 1.000 pcs            |

Standard lengths "L" in 1 mm increments available

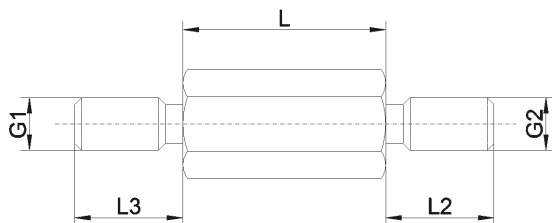
| Order No.    | Colour |   | "A" | "B"  | "C"  | "D" | "L"  | "M" |
|--------------|--------|---|-----|------|------|-----|------|-----|
| 8G511M4x30.0 | B      | N | 1.8 | 10.0 | 8.0  | 8.0 | 30.0 | M4  |
| 8G511M5x50.0 | B      |   | 1.8 | 10.0 | 10.0 | 8.0 | 50.0 | M5  |

Ordering example: 8G511M4x30.0B for black  
8G511M4x30.0N for natural

# Support Post (Metric)

## Spacer Bolts DAA

[ Brass, metric thread ]



External thread lengths [mm]

| G1=G2 | L2=L3 |
|-------|-------|
| M2    | 5     |
| M2,5  | 6     |
| M3    | 6+8   |
| M4    | 8     |
| M5    | 8     |
| M6    | 10    |



(Illustration: Brass blank, optional bl.)

Minimum tensile strength: 430 N/mm<sup>2</sup>

Tolerance for length dimensions: +/- 0,1 mm

Lengths [mm]

| Order No.      | SW (hexagonal) | Thread | 05 | 06 | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 |
|----------------|----------------|--------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
| 411 x (length) | SW 4           | M2     | 05 | 06 | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 |    |    |    |    |    |    |    |    |    |     |
| 4112 x         | SW 4           | M2,5   | 05 | 06 | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 |    |    |    |    |    |    |    |    |    |     |
| 412 x          | SW 5           | M2,5   | 05 | 06 | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 |    |    |    |    |    |    |    |     |
| 413 x          | SW 5           | M3     | 05 | 06 | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 |    |    |    |    |    |    |    |     |
| 414 x          | SW 5,5         | M3     | 05 | 06 | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 |    |    |    |    |    |     |
| 415 x          | SW 6           | M3     | 05 | 06 | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 |    |    |    |    |    |     |
| 416 x          | SW 7           | M4     | 05 | 06 | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 |
| 418 x          | SW 8           | M5     |    |    | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 |
| 419 x          | SW 10          | M6     |    |    |    | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 |
| 4113 x         | SW 13          | M8     |    |    |    |    |    | 15 |    | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 |

SW: width across flats

**Ordering example:** 411 x 10 = DAA / Br / SW 4 / M2 x 10

Articles 413 and 414 also come in an ext. thread length of 6 mm. In this case the article number has the suffix "K"

**Example:** 413 x 10K = DAA / Br / SW 5 / M3 x 10 (6)

Please add the suffix "of" to the article No. to specify the variant without undercut

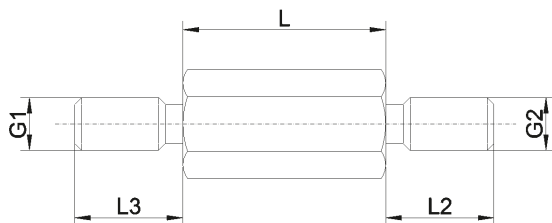
|               |                                                                     |
|---------------|---------------------------------------------------------------------|
| Spacer bolts  |                                                                     |
| Type          | hexagonal                                                           |
| Styles        | external / external<br>with undercut<br>(optional without undercut) |
| Material      | Brass 2.0401 / DMS 100                                              |
| Surface       | nickel plated (G3E)                                                 |
| Standard Pack | from 100 pcs                                                        |



# Support Post (Metric)

## Spacer Bolts DAA

[ Steel, metric thread ]



### Spacer bolts

|               |                                                                     |
|---------------|---------------------------------------------------------------------|
| Type          | hexagonal                                                           |
| Styles        | external / external<br>with undercut<br>(optional without undercut) |
| Material      | Steel 1.0718 / DMS 200                                              |
| Surface       | zinc plated (A3F)                                                   |
| Standard Pack | from 100 pcs                                                        |

### External thread lengths [mm]

| G1=G2 | L2=L3 |
|-------|-------|
| M2    | 5     |
| M2,5  | 6     |
| M3    | 6     |
| M4    | 8     |
| M5    | 8     |
| M6    | 10    |
| M8    | 14    |



Minimum tensile strength: 500 N/mm<sup>2</sup>  
Tolerance for length dimensions: +/- 0,1 mm  
(applies to SW 13 : DIN 2768-m)

### Lengths [mm]

| Order No.      | SW (hexagonal) | Thread | 05 | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 |
|----------------|----------------|--------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
| 421 x (length) | SW 4           | M2     | 05 | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 |    |    |    |    |    |    |    |    |    |    |    |     |
| 4212 x         | SW 4           | M2,5   | 05 | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 |    |    |    |    |    |    |    |    |    |    |    |     |
| 422 x          | SW 5           | M2,5   | 05 | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 |    |    |    |    |    |    |    |    |    |     |
| 423 x          | SW 5           | M3     | 05 | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 |    |    |    |    |    |    |    |    |    |     |
| 424 x          | SW 5,5         | M3     | 05 | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 |    |    |    |    |    |     |
| 425 x          | SW 6           | M3     | 05 | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 |
| 426 x          | SW 7           | M4     | 05 | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 |
| 427 x          | SW 8           | M4     | 05 | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 |
| 428 x          | SW 8           | M5     |    | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 |
| 429 x          | SW 10          | M6     |    |    | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 |
| 4213 x         | SW 13          | M8     |    |    |    |    | 15 |    | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 |

SW: width across flats

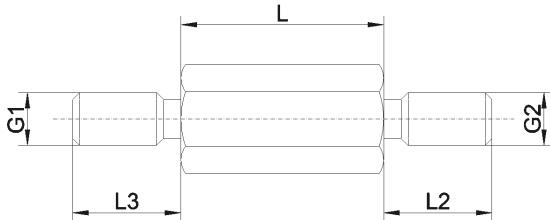
Ordering example: 429 x 50 = DAA / St / SW 10 / M6 x 50

Please add the suffix "of" to the article No. to specify the variant without undercut

# Support Post (Metric)

## Spacer Bolts DAA

[ Aluminium, metric thread ]



External thread lengths [L3 in mm]

| G1=G2 | L2=L3 |
|-------|-------|
| M3    | 6     |
| M4    | 8     |
| M5    | 8     |
| M6    | 10    |
| M8    | 14    |



Minimum tensile strength: 310 N/mm<sup>2</sup>  
Tolerance for length dimensions: +/- 0,1 mm  
(applies to SW 13 : DIN 2768-m)

Lengths [mm]

| Order No.      | SW (hexagonal) | Thread | 05 | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 |
|----------------|----------------|--------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
| 432 x (length) | SW 5           | M2,5   | 05 | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 |    |    |    |    |    |    |    |    |    |     |
| 434 x          | SW 5,5         | M3     | 05 | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 |    |    |    |    |    |     |
| 435 x          | SW 6           | M3     | 05 | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 |    |    |    |    |    |     |
| 436 x          | SW 7           | M4     | 05 | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 |
| 438 x          | SW 8           | M5     |    | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 |
| 439 x          | SW 10          | M6     |    |    | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 |
| 4313 x         | SW 13          | M8     |    |    |    |    | 15 |    | 20 | 25 | 30 | 35 | 40 | 45 | 50 |    | 60 |    | 70 |    | 80 |    | 90 |    | 100 |

SW: width across flats

Ordering example: 436 x 50 = DAA / Alu / SW 7 / M4 x 50

Please add the suffix "of" to the article No. to specify the variant without undercut

Spacer bolts

Type

hexagonal

Styles

external / external  
with undercut

(optional without undercut)

Material

Aluminium 3.1655 / DMS 300

Standard Pack

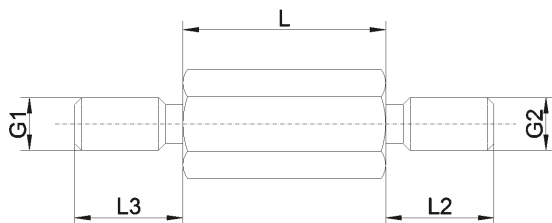
from 100 pcs



# Support Post (Metric)

## Spacer Bolts DAA

[ Stainless steel, metric thread ]



External thread lengths [L3 in mm]

| G1=G2   | L2=L3 |
|---------|-------|
| M2.5-M3 | 6     |
| M4      | 8     |
| M5      | 8     |
| M6      | 10    |
| M8      | 14    |



Minimum tensile strength: 750 N/mm<sup>2</sup>  
Tolerance for length dimensions: +/- 0,1 mm  
(applies for SW 13 : DIN 2768-m)

Lengths [mm]

| Order No.      | SW (hexagonal) | Thread | 05 | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95  | 100 |
|----------------|----------------|--------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|-----|
| 442 x (length) | SW 5           | M2,5   | 05 | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 |    |    |    |    |    |    |    |    |     |     |
| 444 x          | SW 5,5         | M3     | 05 | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 |    |    |    |    |     |     |
| 446 x          | SW 7           | M4     |    | 08 | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95  | 100 |
| 448 x          | SW 8           | M5     |    |    | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95  | 100 |
| 449 x          | SW 10          | M6     |    |    | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95  | 100 |
| 4413 x         | SW 13          | M8     |    |    |    |    | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 |    | 60 |    | 70 |    | 80 |    | 90 |    | 100 |     |

SW: width across flats

Ordering example: 446 x 50 = DAA / 1.4305 / SW 7 / M4 x 50

Please add the suffix "of" to the article No. to specify the variant without undercut

### Spacer bolts

#### Type

hexagonal

#### Styles

external / external  
with undercut

(optional without undercut)

#### Material

Stainless steel 1.4305 / DMS 400

#### Standard Pack

from 100 pcs





# Support Post (Metric)

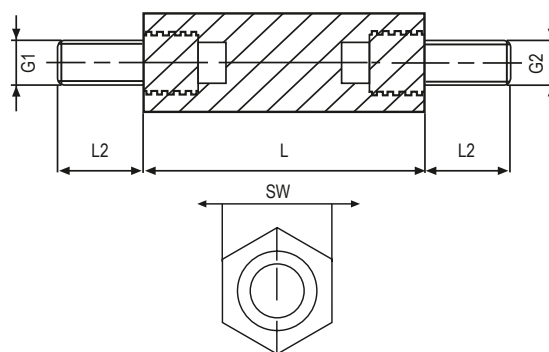
## Spacer Bolts DAA

[ Polyamide, brass thread ]



### Spacer bolts

|               |                                                                         |
|---------------|-------------------------------------------------------------------------|
| Type          | hexagonal                                                               |
| Styles        | external / external<br>without undercut DIN 76                          |
| Material      | Body: Polyamide 6.6 / DMS 823<br>Thread: Brass, nickel plated / DMS 100 |
| Colour        | white                                                                   |
| Standard Pack | from 100 pcs                                                            |



Contact resistance:  $10^{12}$  Ohm/cm

Dielectric strength: 50 kV/mm

Tolerance for length dimensions:  $\pm 0,1$  mm

| Order No.       | SW (hexagonal) | Thread | Lengths (L) in mm increments |
|-----------------|----------------|--------|------------------------------|
| 4182 x (length) | SW 6           | M2,5   | 15-65                        |
| 4183 x          | SW 6           | M3     | 15-65                        |
| 4186 x          | SW 8           | M4     | 15-65                        |
| 4188 x          | SW 10          | M5     | 15-70                        |

**Note:** The pull-out strength and torques may vary depending on application and ambient influences (e.g. temperature, air humidity, etc.). for critical applications please carry out trials. DREMEC GmbH does not assume any liability for the specified strength values.

SW: width across flats

## Strength / resistance values

### Thread lengths [mm]

| G1=G2 | L2 (mm) |
|-------|---------|
| M2,5  | 6       |
| M3    | 6       |
| M4    | 8       |
| M5    | 10      |

### Torques [Nm]

|       |      |     |
|-------|------|-----|
| SW 6  | M2,5 | 1,3 |
| SW 6  | M3   | 1,3 |
| SW 8  | M4   | 3,0 |
| SW 10 | M5   | 4,5 |

### Pull-out torques [N]

|       |      |     |
|-------|------|-----|
| SW 6  | M2,5 | 300 |
| SW 6  | M3   | 300 |
| SW 8  | M4   | 600 |
| SW 10 | M5   | 800 |

# Support Post (Metric)

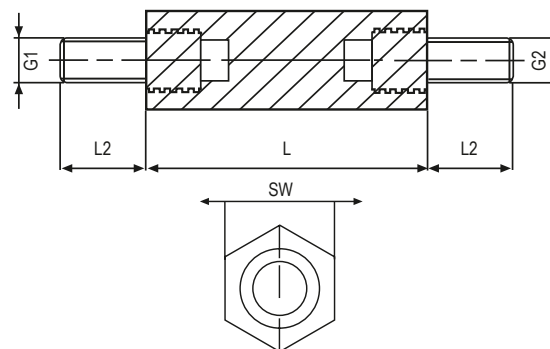
## Spacer Bolts DAA

[ Polyamide, brass thread ]



### Spacer bolts

|               |                                                                |
|---------------|----------------------------------------------------------------|
| Type          | hexagonal                                                      |
| Styles        | external / external<br>without undercut DIN 76                 |
| Material      | Body: Polyamide 6.6 / DMS 818<br>Thread: Brass blank / DMS 101 |
| Colour        | natural                                                        |
| Standard Pack | from 100 pcs                                                   |



Contact resistance:  $10^{12}$  Ohm/cm

Dielectric strength: 50 kV/mm

Tolerance for length dimensions:  $\pm 0,2$  mm

| Order No.         | SW (hexagonal) | Thread | Lengths (L) in mm increments |
|-------------------|----------------|--------|------------------------------|
| 418139 x (length) | SW 13          | M6     | 25-100                       |
| 4181510 x         | SW 15          | M8     | 25-100                       |

SW: width across flats

**Note:** The pull-out strength and torques may vary depending on application and ambient influences (e.g. temperature, air humidity, etc.). for critical applications please carry out trials. DREMEC GmbH does not assume any liability for the specified strength values.

## Strength / resistance values

### Thread lengths [mm]

| G1=G2 | L2 (mm) |
|-------|---------|
| M6    | 12      |
| M8    | 14      |

### Torques [Nm]

|       |    |      |
|-------|----|------|
| SW 13 | M6 | 12,0 |
| SW 15 | M8 | 18,0 |

### Pull-out torques [N]

|       |    |      |
|-------|----|------|
| SW 13 | M6 | 1000 |
| SW 15 | M8 | 1600 |

# Support Post (Metric)

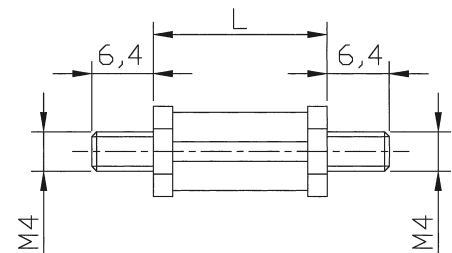
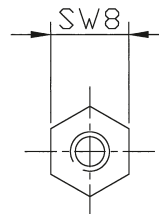
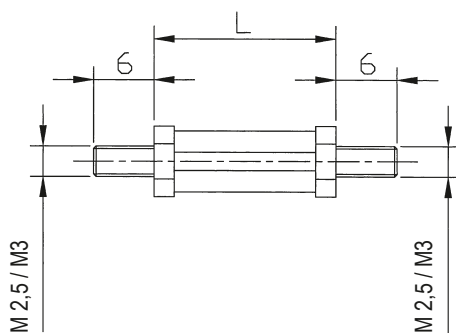
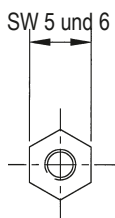
## Spacer Bolts DAA

[ Polyamide, metric thread ]



### Spacer bolts

|               |                         |
|---------------|-------------------------|
| Type          | hexagonal               |
| Styles        | external / external     |
| Material      | Polyamide 6.6 / DMS 824 |
| Colour        | black                   |
| Standard Pack | from 100 pcs            |



Contact resistance DIN 53 482:  $>10^{12}$  Ohm/cm

Dielectric strength DIN 54 481: 40 kV/mm

Tolerance for length dimensions:  $\pm 0,1$  mm

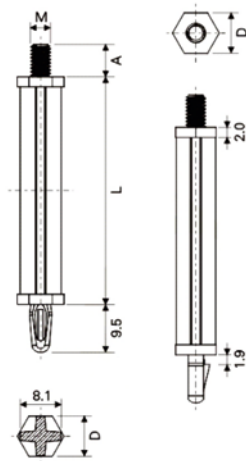
| Order No.      | SW (hexagonal) | Thread | Standard lengths in mm-increments |
|----------------|----------------|--------|-----------------------------------|
| 482 x (length) | SW 5           | M2,5   | from 3 mm to 65 mm                |
| 485 x          | SW 6           | M3     | from 5 mm to 65 mm                |
| 487 x          | SW 8           | M4     | from 5 mm to 65 mm                |

**SW:** width across flats

# Support Post (Metric)

## Spacer Bolts DAA

[ Polyamide, metric thread ]

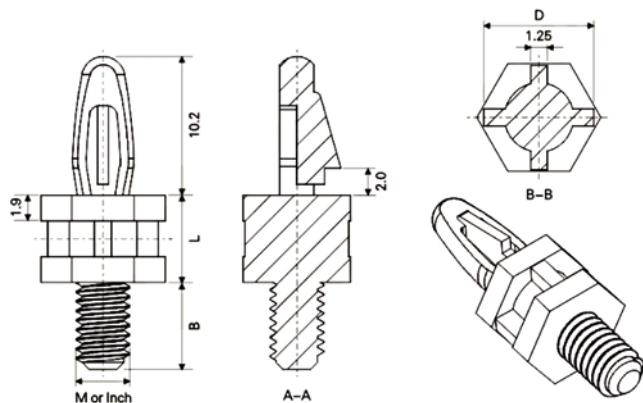


| Order No.  | "A" | "D" | "L"  | "M" |
|------------|-----|-----|------|-----|
| 8G503M4x45 | 6.4 | 8.0 | 45.0 | M4  |
| 8G503M4x50 | 6.4 | 8.0 | 50.0 | M4  |

### Spacer bolts

|                 |                             |
|-----------------|-----------------------------|
| Type            | snap-lock / thread          |
| Styles          | external / external         |
| Material        | Nylon 6 HB / DMS 820        |
| Colour          | black                       |
| Unit            | mm                          |
| Panel Thickness | 1.57 mm                     |
| Bottom Hole     | $\varnothing 4 \pm 0.08$ mm |
| Standard Pack   | 500 pcs                     |

[ Polyamide, metric / UNC-thread ]



### Spacer bolts

|                 |                                                  |
|-----------------|--------------------------------------------------|
| Type            | snap-lock / thread                               |
| Styles          | external / external                              |
| Material        | Nylon 6/6 V2 / DMS 801<br>Nylon 6/6 V0 / DMS 806 |
| Colour          | black / natural                                  |
| Unit            | mm                                               |
| Panel Thickness | 1.57 mm                                          |
| Top Hole        | (snap-lock) $\varnothing 4 \pm 0.08$ mm          |
| Standard Pack   | 1.000 pcs                                        |

| Order No.    | Colour |   | "B" | "D" | "L"  | "M" |
|--------------|--------|---|-----|-----|------|-----|
| 8G504M4x6.4  | B      | N | 6.4 | 8.0 | 6.4  | M4  |
| 8G504M4x9.5  | B      | N | 6.4 | 8.0 | 9.5  | M4  |
| 8G504M4x12.7 | B      | N | 6.4 | 8.0 | 12.7 | M4  |
| 8G504M4x15.9 | B      | N | 6.4 | 8.0 | 15.9 | M4  |
| 8G504M4x19.1 | B      | N | 6.4 | 8.0 | 19.1 | M4  |
| 8G504M4x22.2 | B      | N | 6.4 | 8.0 | 22.2 | M4  |
| 8G504M4x25.4 | B      | N | 6.4 | 8.0 | 25.4 | M4  |
| 8G504M4x28.6 | B      | N | 6.4 | 8.0 | 28.6 | M4  |
| 8G504M4x35.7 | B      | N | 6.4 | 8.0 | 35.7 | M4  |

| Order No.      | Colour |   | "B" | "D" | "L"  | "Inch" |
|----------------|--------|---|-----|-----|------|--------|
| 8G5048-32x6.4  | B      | N | 6.4 | 8.0 | 6.4  | #8-32  |
| 8G5048-32x9.5  | B      | N | 6.4 | 8.0 | 9.5  | #8-32  |
| 8G5048-32x12.7 | B      | N | 6.4 | 8.0 | 12.7 | #8-32  |
| 8G5048-32x15.9 | B      | N | 6.4 | 8.0 | 15.9 | #8-32  |
| 8G5048-32x19.1 | B      | N | 6.4 | 8.0 | 19.1 | #8-32  |
| 8G5048-32x22.2 | B      | N | 6.4 | 8.0 | 22.2 | #8-32  |
| 8G5048-32x25.4 | B      | N | 6.4 | 8.0 | 25.4 | #8-32  |
| 8G5048-32x28.6 | B      | N | 6.4 | 8.0 | 28.6 | #8-32  |
| 8G5048-32x35.7 | B      | N | 6.4 | 8.0 | 35.7 | #8-32  |

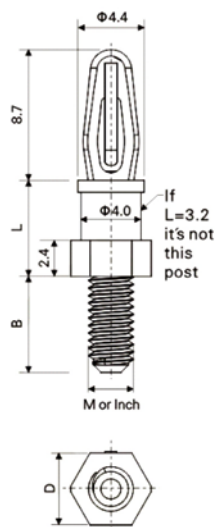
Please add the suffix "VO" to the article No. to specify the variant in VO

**Ordering example:** 8G504M4x6.4B for black V2  
8G504M4x6.4BV0 for black V0

# Support Post (Metric)

## Spacer Bolts DAA

[ Polyamide, metric / UNC-thread ]



### Spacer bolts

|                 |                                            |
|-----------------|--------------------------------------------|
| Type            | snap-lock / thread                         |
| Styles          | external / external                        |
| Material        | Nylon 6/6 V2 / DMS 801                     |
| Colour          | black / natural                            |
| Unit            | mm                                         |
| Panel Thickness | 1.57 mm                                    |
| Top Hole        | (snap-lock) $\varnothing 3.18 \pm 0.05$ mm |
| Standard Pack   | 1.000 pcs                                  |

| Order No.    | Colour |   | "B" | "D" | "L"  | "M" |
|--------------|--------|---|-----|-----|------|-----|
| 8G505M3x3.2  | B      | N | 6.4 | 4.8 | 3.2  | M3  |
| 8G505M3x4.8  | B      | N | 6.4 | 4.8 | 4.8  | M3  |
| 8G505M3x6.4  | B      | N | 6.4 | 4.8 | 6.4  | M3  |
| 8G505M3x7.9  | B      | N | 6.4 | 4.8 | 7.9  | M3  |
| 8G505M3x9.5  | B      | N | 6.4 | 4.8 | 9.5  | M3  |
| 8G505M3x11.1 | B      | N | 6.4 | 4.8 | 11.1 | M3  |
| 8G505M3x12.7 | B      | N | 6.4 | 4.8 | 12.7 | M3  |
| 8G505M3x14.3 | B      | N | 6.4 | 4.8 | 14.3 | M3  |
| 8G505M3x15.9 | B      | N | 6.4 | 4.8 | 15.9 | M3  |

|              |   |   |     |     |      |    |
|--------------|---|---|-----|-----|------|----|
| 8G505M4x3.2  | B | N | 6.4 | 4.8 | 3.2  | M4 |
| 8G505M4x4.8  | B | N | 6.4 | 4.8 | 4.8  | M4 |
| 8G505M4x6.4  | B | N | 6.4 | 4.8 | 6.4  | M4 |
| 8G505M4x7.9  | B | N | 6.4 | 4.8 | 7.9  | M4 |
| 8G505M4x9.5  | B | N | 6.4 | 4.8 | 9.5  | M4 |
| 8G505M4x11.1 | B | N | 6.4 | 4.8 | 11.1 | M4 |
| 8G505M4x12.7 | B | N | 6.4 | 4.8 | 12.7 | M4 |
| 8G505M4x14.3 | B | N | 6.4 | 4.8 | 14.3 | M4 |
| 8G505M4x15.9 | B | N | 6.4 | 4.8 | 15.9 | M4 |

| Order No.      | Colour |   | "B" | "D" | "L"  | "Inch" |
|----------------|--------|---|-----|-----|------|--------|
| 8G5056-32x3.2  | B      | N | 6.4 | 4.8 | 3.2  | #6-32  |
| 8G5056-32x4.8  | B      | N | 6.4 | 4.8 | 4.8  | #6-32  |
| 8G5056-32x6.4  | B      | N | 6.4 | 4.8 | 6.4  | #6-32  |
| 8G5056-32x7.9  | B      | N | 6.4 | 4.8 | 7.9  | #6-32  |
| 8G5056-32x9.5  | B      | N | 6.4 | 4.8 | 9.5  | #6-32  |
| 8G5056-32x11.1 | B      | N | 6.4 | 4.8 | 11.1 | #6-32  |
| 8G5056-32x12.7 | B      | N | 6.4 | 4.8 | 12.7 | #6-32  |
| 8G5056-32x14.3 | B      | N | 6.4 | 4.8 | 14.3 | #6-32  |
| 8G5056-32x15.9 | B      | N | 6.4 | 4.8 | 15.9 | #6-32  |

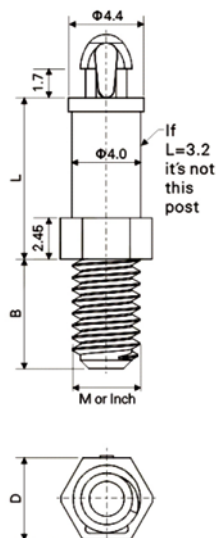
Ordering example: 8G505M3x3.2B for black  
8G505M3x3.2N for natural



# Support Post (Metric)

## Spacer Bolts DAA

[ Polyamide, metric thread ]



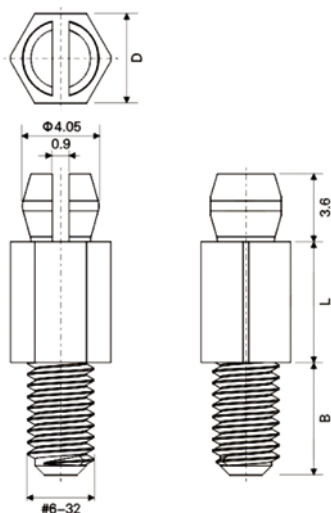
### Spacer bolts

|                 |                                            |
|-----------------|--------------------------------------------|
| Type            | snap-lock / thread                         |
| Styles          | external / external                        |
| Material        | Nylon 6/6 V2 / DMS 801                     |
| Colour          | black / natural                            |
| Unit            | mm                                         |
| Panel Thickness | 1.6 mm                                     |
| Top Hole        | (snap-lock) $\varnothing 2.50 \pm 0.05$ mm |
| Standard Pack   | 1.000 pcs                                  |

| Order No.    | Colour |   | "B" | "D" | "L"  | "M" |
|--------------|--------|---|-----|-----|------|-----|
| 8G506M4x3.2  | B      | N | 6.4 | 4.8 | 3.2  | M4  |
| 8G506M4x4.8  | B      | N | 6.4 | 4.8 | 4.8  | M4  |
| 8G506M4x6.4  | B      | N | 6.4 | 4.8 | 6.4  | M4  |
| 8G506M4x7.9  | B      | N | 6.4 | 4.8 | 7.9  | M4  |
| 8G506M4x9.5  | B      | N | 6.4 | 4.8 | 9.5  | M4  |
| 8G506M4x11.1 | B      | N | 6.4 | 4.8 | 11.1 | M4  |
| 8G506M4x12.7 | B      | N | 6.4 | 4.8 | 12.7 | M4  |
| 8G506M4x14.3 | B      | N | 6.4 | 4.8 | 14.3 | M4  |
| 8G506M4x15.9 | B      | N | 6.4 | 4.8 | 15.9 | M4  |

Ordering example: 8G506M4x3.2B for black  
8G506M4x3.2N for natural

[ Polyamid, UNC-Thread ]



### Spacer bolts

|                 |                                            |
|-----------------|--------------------------------------------|
| Type            | snap-lock / thread                         |
| Styles          | external / external                        |
| Material        | Nylon 6/6 V0 / DMS 806                     |
| Colour          | black / natural                            |
| Unit            | mm                                         |
| Panel Thickness | 1.57 mm                                    |
| Top Hole        | (snap-lock) $\varnothing 3.86 \pm 0.05$ mm |
| Standard Pack   | 1.000 pcs                                  |

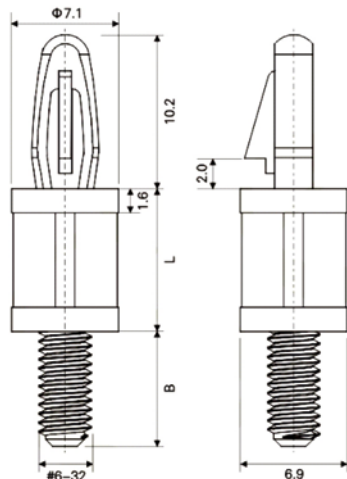
| Order No.      | Colour |   | "B"  | "D"  | "L"  | "Inch" |
|----------------|--------|---|------|------|------|--------|
| 8G5076-32x3.2  | B      | N | 5.97 | 4.75 | 3.2  | #6-32  |
| 8G5076-32x4.8  | B      | N | 5.97 | 4.75 | 4.8  | #6-32  |
| 8G5076-32x6.4  | B      | N | 5.97 | 4.75 | 6.4  | #6-32  |
| 8G5076-32x9.5  | B      | N | 5.97 | 4.75 | 9.5  | #6-32  |
| 8G5076-32x12.7 | B      | N | 5.97 | 4.75 | 12.7 | #6-32  |
| 8G5076-32x15.9 | B      | N | 5.97 | 4.75 | 15.9 | #6-32  |
| 8G5076-32x19.1 | B      | N | 5.97 | 4.75 | 19.1 | #6-32  |
| 8G5076-32x22.2 | B      | N | 5.97 | 4.75 | 22.2 | #6-32  |

Ordering example: 8G5076-32x3.2B for black  
8G5076-32x3.2N for natural

# Support Post (Metric)

## Spacer Bolts DAA

[ Polyamide, metric / UNC-thread ]



Standard lengths "L" in 1 mm increments available

| Order No.      | Colour | "B" | "L" | "Inch" |
|----------------|--------|-----|-----|--------|
| 8G5156-32x6.4  | B      | N   | 7.6 | 6.4    |
| 8G5156-32x9.5  | B      | N   | 7.6 | 9.5    |
| 8G5156-32x12.7 | B      | N   | 7.6 | 12.7   |
| 8G5156-32x15.9 | B      | N   | 7.6 | 15.9   |
| 8G5156-32x19.1 | B      | N   | 7.6 | 19.1   |
| 8G5156-32x22.2 | B      | N   | 7.6 | 22.2   |
| 8G5156-32x25.4 | B      | N   | 7.6 | 25.4   |

Standard lengths "L" in 1 mm increments available

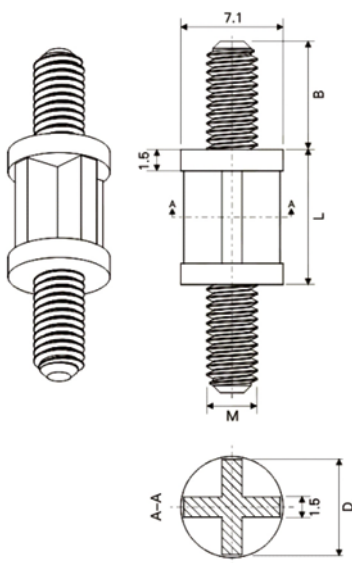
| Order No.    | Colour | "B" | "L" | "M"  |
|--------------|--------|-----|-----|------|
| 8G515M4x6.4  | B      | N   | 7.6 | 6.4  |
| 8G515M4x9.5  | B      | N   | 7.6 | 9.5  |
| 8G515M4x12.7 | B      | N   | 7.6 | 12.7 |
| 8G515M4x15.9 | B      | N   | 7.6 | 15.9 |
| 8G515M4x19.1 | B      | N   | 7.6 | 19.1 |
| 8G515M4x22.2 | B      | N   | 7.6 | 22.2 |
| 8G515M4x25.4 | B      | N   | 7.6 | 25.4 |

Ordering example: 8G5156-32x6.4B for black  
8G5156-32x6.4N for natural

### Spacer bolts

|                 |                                         |
|-----------------|-----------------------------------------|
| Type            | snap-lock / thread                      |
| Styles          | external / external                     |
| Material        | Nylon 6/6 V2 / DMS 801                  |
| Colour          | black / natural                         |
| Unit            | mm                                      |
| Panel Thickness | 1.57 mm                                 |
| Top Hole        | (snap-lock) $\varnothing 4 \pm 0.08$ mm |
| Standard Pack   | 1.000 pcs                               |

[ Polyamid, UNC-Thread ]



Ordering example: 8G5166-32x6.4B for black  
8G5166-32x6.4N for natural

### Spacer bolts

|               |                        |
|---------------|------------------------|
| Type          | thread / thread        |
| Styles        | external / external    |
| Material      | Nylon 6/6 V2 / DMS 801 |
| Colour        | black / natural        |
| Unit          | mm                     |
| Standard Pack | 1.000 pcs              |

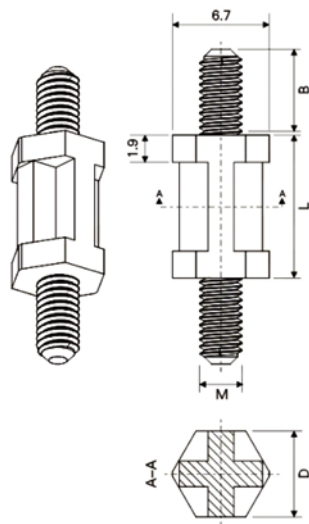
Standard lengths "L" in 1 mm increments available

| Order No.      | Colour | "B" | "L" | "Inch" |
|----------------|--------|-----|-----|--------|
| 8G5166-32x6.4  | B      | N   | 7.6 | 6.4    |
| 8G5166-32x9.5  | B      | N   | 7.6 | 9.5    |
| 8G5166-32x12.7 | B      | N   | 7.6 | 12.7   |
| 8G5166-32x15.9 | B      | N   | 7.6 | 15.9   |
| 8G5166-32x19.1 | B      | N   | 7.6 | 19.1   |
| 8G5166-32x22.2 | B      | N   | 7.6 | 22.2   |
| 8G5166-32x25.4 | B      | N   | 7.6 | 25.4   |

# Support Post (Metric)

## Spacer Bolts DAA

[ Polyamide, metric thread ]



### Spacer bolts

|               |                      |
|---------------|----------------------|
| Type          | thread / thread      |
| Styles        | external / external  |
| Material      | Nylon 6 HB / DMS 820 |
| Colour        | black / natural      |
| Unit          | mm                   |
| Standard Pack | 1.000 pcs            |

| Order No.  | Colour |   | "B" | "D" | "L"  | "M" |
|------------|--------|---|-----|-----|------|-----|
| 8G508M3x25 | B      | N | 6.0 | 6.0 | 25.0 | M3  |

Ordering example: 8G508M3x25B for black



## General

In the following chapter flathead support posts and support posts for PCBs with a variety of mounting options are presented. Mounting options: plug, plug/ plug, plug/ screw, plug/ rivet.

| Material              | Material number | RoHS Compliance | Dremec Material-Specification |
|-----------------------|-----------------|-----------------|-------------------------------|
| Brass (nickel plated) | 2.0401          | Yes             | 100                           |
| Brass (blank)         | 2.0401          | Yes             | 101                           |
| Steel (zinc plated)   | 1.0718          | Yes             | 200                           |
| Steel (blank)         | 1.0718          | Yes             | 201                           |
| Aluminium             | 3.1655          | Yes             | 300                           |
| Stainless steel       | 1.4305          | Yes             | 400                           |

| Material                | Flammability Rating | RoHS Compliance | Dremec Material-Specification |
|-------------------------|---------------------|-----------------|-------------------------------|
| Nylon 6/6               | V2                  | Yes             | 801                           |
| Nylon 6/6               | V0                  | Yes             | 806                           |
| Polyamid 6.6 GV (black) | HB                  | Yes             | 826                           |

For more details on material properties please consult the data section (DMS) of the catalogue.

## Colour

### Plastic material:

Standard colours include black and natural. Other colours/ materials upon request.

### Metal:

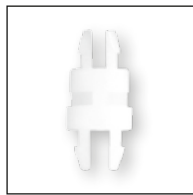
Standard = Brass nickel plated. Optional: blank (bl)

Standard = Steel zinc plated. Optional: blank (bl)

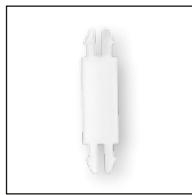
Standard = Aluminium

Standard = Stainless steel

# Support Post



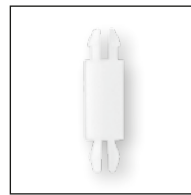
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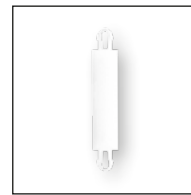
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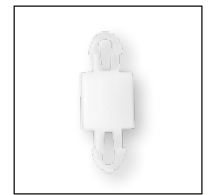
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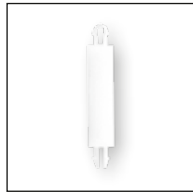
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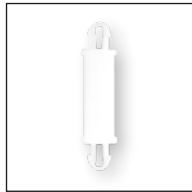
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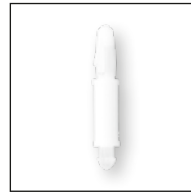
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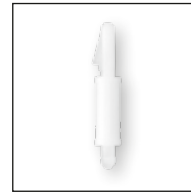
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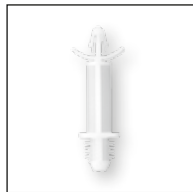
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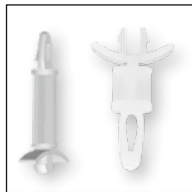
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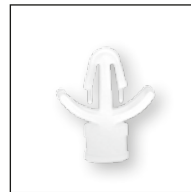
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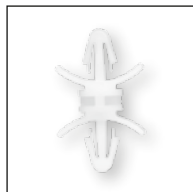
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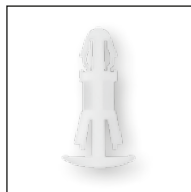
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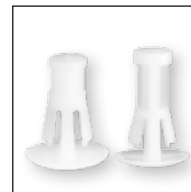
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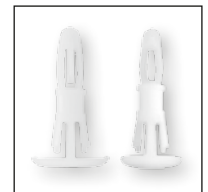
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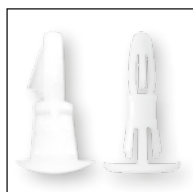
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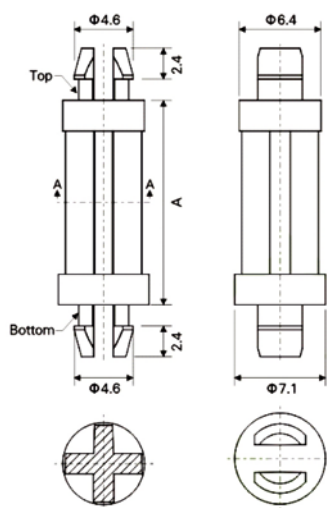
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## Circuit Board Support



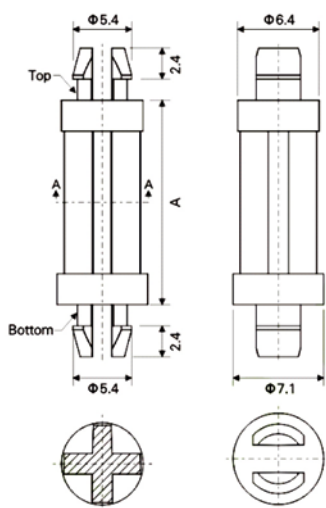
|               |                        |
|---------------|------------------------|
| Type          | snap-lock / snap-lock  |
| Material      | Nylon 6/6 V2 / DMS 801 |
| Colour        | black / natural        |
| Unit          | mm                     |
| Standard Pack | 1.000 pcs              |



1

Top & Bottom Hole  $\varnothing$  4.0 mm  
Panel Thickness 1.6 mm

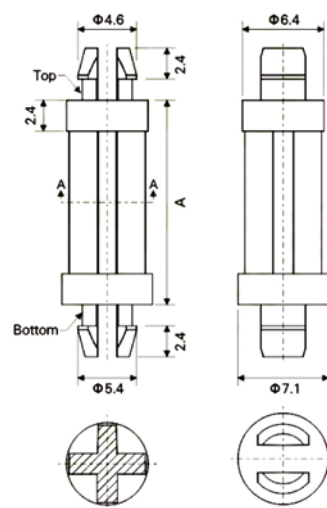
| Order No.     | Colour | "A" $\pm$ 0.4 |
|---------------|--------|---------------|
| 8G8014.0x4.8  | N B    | 4.8           |
| 8G8014.0x6.4  | N B    | 6.4           |
| 8G8014.0x7.9  | N B    | 7.9           |
| 8G8014.0x9.5  | N B    | 9.5           |
| 8G8014.0x11.1 | N B    | 11.1          |
| 8G8014.0x12.7 | N B    | 12.7          |
| 8G8014.0x14.3 | N B    | 14.3          |
| 8G8014.0x15.9 | N B    | 15.9          |
| 8G8014.0x19.1 | N B    | 19.1          |
| 8G8014.0x22.2 | N B    | 22.2          |
| 8G8014.0x25.4 | N B    | 25.4          |



2

Top & Bottom Hole  $\varnothing$  4.8 mm  
Panel Thickness 1.6 mm

| Order No.     | Colour | "A" $\pm$ 0.4 |
|---------------|--------|---------------|
| 8G8014.8x4.8  | N B    | 4.8           |
| 8G8014.8x6.4  | N B    | 6.4           |
| 8G8014.8x7.9  | N B    | 7.9           |
| 8G8014.8x9.5  | N B    | 9.5           |
| 8G8014.8x11.1 | N B    | 11.1          |
| 8G8014.8x12.7 | N B    | 12.7          |
| 8G8014.8x14.3 | N B    | 14.3          |
| 8G8014.8x15.9 | N B    | 15.9          |
| 8G8014.8x19.1 | N B    | 19.1          |
| 8G8014.8x22.2 | N B    | 22.2          |
| 8G8014.8x25.4 | N B    | 25.4          |



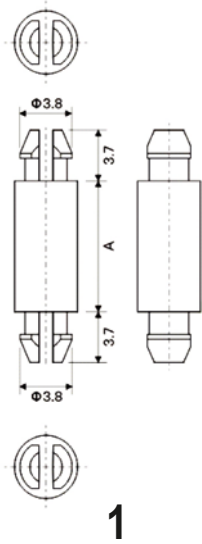
3

Bottom Hole  $\varnothing$  4.0 mm Top Hole  
 $\varnothing$  4.8 mm; Panel Thickness 1.6 mm

| Order No.         | Colour | "A" $\pm$ 0.4 |
|-------------------|--------|---------------|
| 8G8014.0/4.8x4.8  | N B    | 4.8           |
| 8G8014.0/4.8x6.4  | N B    | 6.4           |
| 8G8014.0/4.8x7.9  | N B    | 7.9           |
| 8G8014.0/4.8x9.5  | N B    | 9.5           |
| 8G8014.0/4.8x11.1 | N B    | 11.1          |
| 8G8014.0/4.8x12.7 | N B    | 12.7          |
| 8G8014.0/4.8x14.3 | N B    | 14.3          |
| 8G8014.0/4.8x15.9 | N B    | 15.9          |
| 8G8014.0/4.8x19.1 | N B    | 19.1          |
| 8G8014.0/4.8x22.2 | N B    | 22.2          |
| 8G8014.0/4.8x25.4 | N B    | 25.4          |

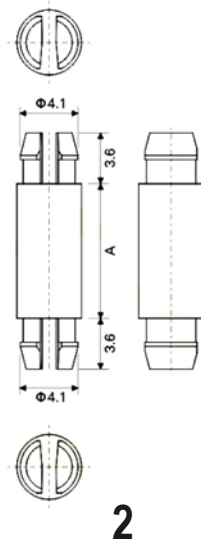
Ordering example: 8G8014.0x4.8N for natural  
8G8014.0x4.8B for black

## Mini Support Post



Top & Bottom Hole  $\varnothing$  3.2 mm  
Panel Thickness 1.6 mm

| Order No.     | "A" $\pm$ 0.4 |
|---------------|---------------|
| 8G8023.2x3.2  | 3.2           |
| 8G8023.2x4.8  | 4.8           |
| 8G8023.2x6.4  | 6.4           |
| 8G8023.2x7.9  | 7.9           |
| 8G8023.2x9.5  | 9.5           |
| 8G8023.2x11.1 | 11.1          |
| 8G8023.2x12.7 | 12.7          |
| 8G8023.2x14.3 | 14.3          |
| 8G8023.2x15.9 | 15.9          |
| 8G8023.2x17.5 | 17.5          |
| 8G8023.2x19.1 | 19.1          |
| 8G8023.2x20.6 | 20.6          |
| 8G8023.2x22.2 | 22.2          |
| 8G8023.2x25.4 | 25.4          |
| 8G8023.2x28.6 | 28.6          |
| 8G8023.2x31.7 | 31.7          |
| 8G8023.2x34.9 | 34.9          |
| 8G8023.2x38.1 | 38.1          |



Top & Bottom Hole  $\varnothing$  3.86 mm  
Panel Thickness 1.6 mm

| Order No.      | "A" $\pm$ 0.4 |
|----------------|---------------|
| 8G8023.86x3.2  | 3.2           |
| 8G8023.86x4.8  | 4.8           |
| 8G8023.86x6.4  | 6.4           |
| 8G8023.86x7.9  | 7.9           |
| 8G8023.86x9.5  | 9.5           |
| 8G8023.86x11.1 | 11.1          |
| 8G8023.86x12.7 | 12.7          |
| 8G8023.86x14.3 | 14.3          |
| 8G8023.86x15.9 | 15.9          |
| 8G8023.86x17.5 | 17.5          |
| 8G8023.86x19.1 | 19.1          |
| 8G8023.86x20.6 | 20.6          |
| 8G8023.86x22.2 | 22.2          |
| 8G8023.86x25.4 | 25.4          |
| 8G8023.86x28.6 | 28.6          |
| 8G8023.86x31.7 | 31.7          |
| 8G8023.86x34.9 | 34.9          |
| 8G8023.86x38.1 | 38.1          |

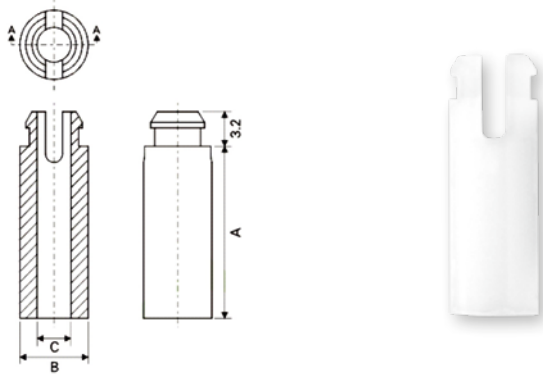
**Type** mini snap-lock / snap-lock  
**Material** Nylon 6/6 V2 / DMS 801  
 Nylon 6/6 V0 / DMS 806  
**Colour** natural  
**Unit** mm  
**Standard Pack** 1.000 pcs



Please add the suffix "VO" to the article No. to specify the variant in VO

**Ordering example:** 8G8023.2x3.2 = V2  
 8G8023.2x3.2VO = V0

## Self-Retaining Spacer



|               |                        |
|---------------|------------------------|
| Type          | self-retaining         |
| Material      | Nylon 6/6 V2 / DMS 801 |
| Colour        | natural                |
| Unit          | mm                     |
| Standard Pack | 1.000 pcs              |

Panel Thickness 1.6 mm  
for M3 Screws "B" = 6.4 mm "C" = 3.2 mm

| Order No.         | Hole-ø | "A"  | "B" | "C" |
|-------------------|--------|------|-----|-----|
| 8G8036.4/3.2x3.2  | 4.7    | 3.2  | 6.4 | 3.2 |
| 8G8036.4/3.2x4.8  |        | 4.8  |     |     |
| 8G8036.4/3.2x6.4  |        | 6.4  |     |     |
| 8G8036.4/3.2x7.9  |        | 7.9  |     |     |
| 8G8036.4/3.2x9.5  |        | 9.5  |     |     |
| 8G8036.4/3.2x11.1 |        | 11.1 |     |     |
| 8G8036.4/3.2x12.7 |        | 12.7 |     |     |
| 8G8036.4/3.2x15.9 |        | 15.9 |     |     |
| 8G8036.4/3.2x19.1 |        | 19.1 |     |     |
| 8G8036.4/3.2x22.2 |        | 22.2 |     |     |
| 8G8036.4/3.2x25.4 |        | 25.4 |     |     |

Panel Thickness 1.6 mm  
for M3 Screws "B" = 7.0 mm "C" = 3.9 mm

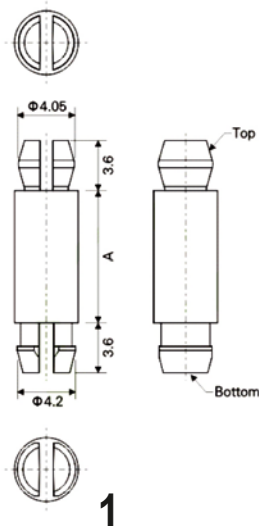
| Order No.         | Hole-ø | "A"  | "B" | "C" |
|-------------------|--------|------|-----|-----|
| 8G8037.0/3.9x6.4  | 5.9    | 6.4  | 7.0 | 3.9 |
| 8G8037.0/3.9x7.9  |        | 7.9  |     |     |
| 8G8037.0/3.9x9.5  |        | 9.5  |     |     |
| 8G8037.0/3.9x11.1 |        | 11.1 |     |     |
| 8G8037.0/3.9x12.7 |        | 12.7 |     |     |
| 8G8037.0/3.9x15.9 |        | 15.9 |     |     |
| 8G8037.0/3.9x19.1 |        | 19.1 |     |     |
| 8G8037.0/3.9x22.2 |        | 22.2 |     |     |
| 8G8037.0/3.9x25.4 |        | 25.4 |     |     |

Ordering example: 8G8037.0/3.9x25.4

Panel Thickness 1.6 mm  
for M4 Screws "B" = 7.0 mm "C" = 4.3 mm

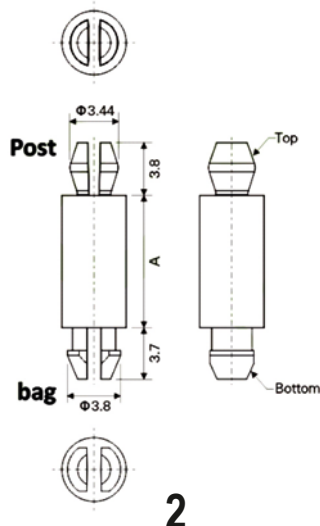
| Order No.         | Hole-ø | "A"  | "B" | "C" |
|-------------------|--------|------|-----|-----|
| 8G8037.0/4.3x6.4  | 5.9    | 6.4  | 7.0 | 4.3 |
| 8G8037.0/4.3x7.9  |        | 7.9  |     |     |
| 8G8037.0/4.3x9.5  |        | 9.5  |     |     |
| 8G8037.0/4.3x11.1 |        | 11.1 |     |     |
| 8G8037.0/4.3x12.7 |        | 12.7 |     |     |
| 8G8037.0/4.3x15.9 |        | 15.9 |     |     |
| 8G8037.0/4.3x19.1 |        | 19.1 |     |     |
| 8G8037.0/4.3x22.2 |        | 22.2 |     |     |
| 8G8037.0/4.3x25.4 |        | 25.4 |     |     |

## Mini Support Post



Top & Bottom Hole  $\varnothing$  3.86 mm  
Panel Thickness 1.6 mm

| Order No.      | "A" $\pm$ 0.4 |
|----------------|---------------|
| 8G8043.86x3.2  | 3.2           |
| 8G8043.86x4.8  | 4.8           |
| 8G8043.86x6.4  | 6.4           |
| 8G8043.86x7.9  | 7.9           |
| 8G8043.86x9.5  | 9.5           |
| 8G8043.86x11.1 | 11.1          |
| 8G8043.86x12.7 | 12.7          |
| 8G8043.86x14.3 | 14.3          |
| 8G8043.86x15.9 | 15.9          |
| 8G8043.86x17.5 | 17.5          |
| 8G8043.86x19.1 | 19.1          |
| 8G8043.86x20.6 | 20.6          |
| 8G8043.86x22.2 | 22.2          |
| 8G8043.86x25.4 | 25.4          |
| 8G8043.86x28.6 | 28.6          |
| 8G8043.86x31.7 | 31.7          |
| 8G8043.86x34.9 | 34.9          |
| 8G8043.86x38.1 | 38.1          |



Top & Bottom Hole  $\varnothing$  3.2 mm  
Panel Thickness 1.6 mm

| Order No.     | "A" $\pm$ 0.4 |
|---------------|---------------|
| 8G8043.2x2.0  | 2.0           |
| 8G8043.2x2.54 | 2.54          |
| 8G8043.2x3.2  | 3.2           |
| 8G8043.2x4.8  | 4.8           |
| 8G8043.2x6.4  | 6.4           |
| 8G8043.2x7.9  | 7.9           |
| 8G8043.2x9.5  | 9.5           |
| 8G8043.2x11.1 | 11.1          |
| 8G8043.2x12.7 | 12.7          |
| 8G8043.2x14.3 | 14.3          |
| 8G8043.2x15.9 | 15.9          |
| 8G8043.2x17.5 | 17.5          |
| 8G8043.2x19.1 | 19.1          |
| 8G8043.2x20.6 | 20.6          |
| 8G8043.2x22.2 | 22.2          |
| 8G8043.2x25.4 | 25.4          |
| 8G8043.2x28.6 | 28.6          |
| 8G8043.2x31.7 | 31.7          |
| 8G8043.2x34.9 | 34.9          |
| 8G8043.2x38.1 | 38.1          |

**Type** mini snap-lock / snap-lock  
**Material** Nylon 6/6 V2 / DMS 801  
Nylon 6/6 V0 / DMS 806  
**Colour** natural  
**Unit** mm  
**Standard Pack** 1.000 pcs

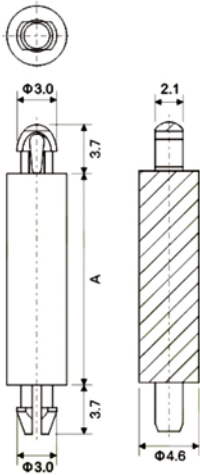


Please add the suffix "VO" to the article No. to specify the variant in VO

**Ordering example:** 8G8043.86x3.2 for V2  
8G8043.86x3.2VO for V0

## Mini Support Post

Top & Bottom Hole  $\varnothing 2.5 \pm 0.05$  mm  
Panel Thickness 1.6 mm



| Order No.     | "A" $\pm 0.4$ |
|---------------|---------------|
| 8G8052.5x2.0  | 2.0           |
| 8G8052.5x3.0  | 3.0           |
| 8G8052.5x4.0  | 4.0           |
| 8G8052.5x5.0  | 5.0           |
| 8G8052.5x6.0  | 6.0           |
| 8G8052.5x7.0  | 7.0           |
| 8G8052.5x8.0  | 8.0           |
| 8G8052.5x10.0 | 10.0          |
| 8G8052.5x12.0 | 12.0          |
| 8G8052.5x14.0 | 14.0          |
| 8G8052.5x16.0 | 16.0          |
| 8G8052.5x18.0 | 18.0          |
| 8G8052.5x20.0 | 20.0          |
| 8G8052.5x22.0 | 22.0          |

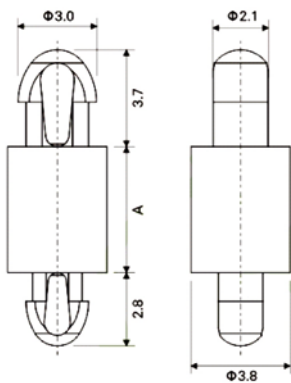
Please add the suffix "VO" to the article No. to specify the variant in VO

Type mini snap-lock / snap-lock  
Material Nylon 6/6 V2 / DMS 801  
Nylon 6/6 V0 / DMS 806  
Colour natural  
Unit mm  
Standard Pack 1.000 pcs



Ordering example: 8G8052.5x2.0 for V2  
8G8052.5x2.0VO for V0

## Mini Support Post



Type mini snap-lock / snap-lock  
Material Nylon 6/6 V2 / DMS 801  
Colour natural  
Unit mm  
Standard Pack 1.000 pcs

Top Hole  $\varnothing 2.5 \pm 0.05$  mm  
Panel Thickness 1.63 mm  
Bottom Hole  $\varnothing 2.0 \pm 0.05$  mm  
Panel Thickness 1.0 mm

| Order No.    | "A" $\pm 0.4$ |
|--------------|---------------|
| 8G8072.5x1.6 | 1.6           |
| 8G8072.5x3.2 | 3.2           |
| 8G8072.5x4.8 | 4.8           |
| 8G8072.5x6.4 | 6.4           |
| 8G8072.5x7.9 | 7.9           |
| 8G8072.5x9.5 | 9.5           |

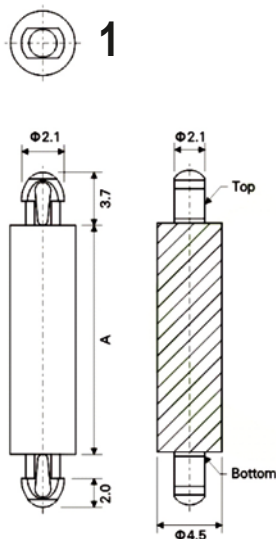
Ordering example: 8G8072.5x9.5

# Support Post

## Mini Support Post

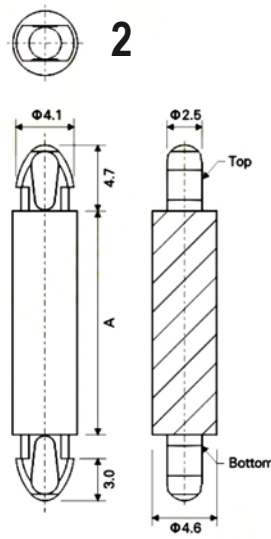


**Type** mini snap-lock / snap-lock  
**Material** Nylon 6/6 V2 / DMS 801  
Nylon 6/6 V0 / DMS 806  
**Colour** natural  
**Unit** mm  
**Standard Pack** 1.000 pcs



Top & Bottom Hole  
 $\varnothing 2.5 \pm 0.05$  mm  
Top & Bottom  
Panel Thickness 1.57 mm  
Type 1

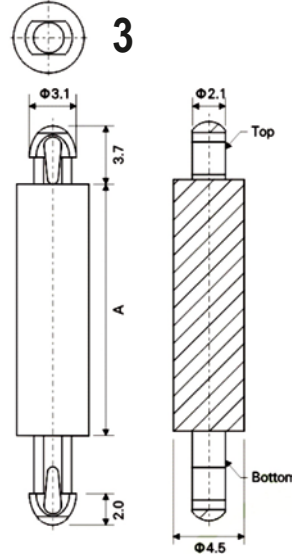
| Order No.     | "A" $\pm 0.4$ |
|---------------|---------------|
| 8G8062.5x2.0  | 2.0           |
| 8G8062.5x3.0  | 3.0           |
| 8G8062.5x4.0  | 4.0           |
| 8G8062.5x5.0  | 5.0           |
| 8G8062.5x6.0  | 6.0           |
| 8G8062.5x7.0  | 7.0           |
| 8G8062.5x8.0  | 8.0           |
| 8G8062.5x10.0 | 10.0          |
| 8G8062.5x12.0 | 12.0          |
| 8G8062.5x14.0 | 14.0          |
| 8G8062.5x16.0 | 16.0          |
| 8G8062.5x18.0 | 18.0          |
| 8G8062.5x20.0 | 20.0          |
| 8G8062.5x22.0 | 22.0          |



Top & Bottom Hole  
 $\varnothing 3.5 \pm 0.05$  mm  
Top Panel Thickness 1.57 mm

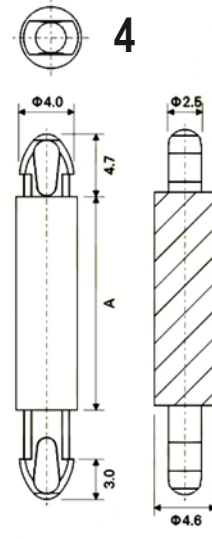
Type 2

| Order No.     | "A" $\pm 0.4$ |
|---------------|---------------|
| 8G8063.5x2.0  | 2.0           |
| 8G8063.5x3.0  | 3.0           |
| 8G8063.5x4.0  | 4.0           |
| 8G8063.5x5.0  | 5.0           |
| 8G8063.5x6.0  | 6.0           |
| 8G8063.5x7.0  | 7.0           |
| 8G8063.5x8.0  | 8.0           |
| 8G8063.5x10.0 | 10.0          |
| 8G8063.5x12.0 | 12.0          |
| 8G8063.5x14.0 | 14.0          |
| 8G8063.5x16.0 | 16.0          |
| 8G8063.5x18.0 | 18.0          |
| 8G8063.5x20.0 | 20.0          |
| 8G8063.5x22.0 | 22.0          |



Top & Bottom Hole  
 $\varnothing 2.5 \pm 0.05$  mm  
Top Panel Thickness 1.57 mm  
Bottom Panel Thickness 3.6 mm  
Type 3

| Order No.         | "A" $\pm 0.4$ |
|-------------------|---------------|
| 8G8062.5/3.6x2.0  | 2.0           |
| 8G8062.5/3.6x3.0  | 3.0           |
| 8G8062.5/3.6x4.0  | 4.0           |
| 8G8062.5/3.6x5.0  | 5.0           |
| 8G8062.5/3.6x6.0  | 6.0           |
| 8G8062.5/3.6x7.0  | 7.0           |
| 8G8062.5/3.6x8.0  | 8.0           |
| 8G8062.5/3.6x10.0 | 10.0          |
| 8G8062.5/3.6x12.0 | 12.0          |
| 8G8062.5/3.6x14.0 | 14.0          |
| 8G8062.5/3.6x16.0 | 16.0          |
| 8G8062.5/3.6x18.0 | 18.0          |
| 8G8062.5/3.6x20.0 | 20.0          |
| 8G8062.5/3.6x22.0 | 22.0          |



Top & Bottom Hole  
 $\varnothing 3.5 \pm 0.05$  mm  
Top Panel Thickness 1.57 mm  
Bottom Panel Thickness 3.6 mm  
Type 4

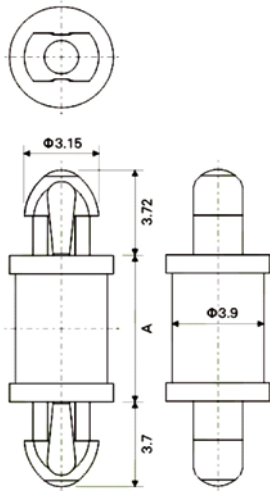
| Order No.         | "A" $\pm 0.4$ |
|-------------------|---------------|
| 8G8063.5/3.6x2.0  | 2.0           |
| 8G8063.5/3.6x3.0  | 3.0           |
| 8G8063.5/3.6x4.0  | 4.0           |
| 8G8063.5/3.6x5.0  | 5.0           |
| 8G8063.5/3.6x6.0  | 6.0           |
| 8G8063.5/3.6x7.0  | 7.0           |
| 8G8063.5/3.6x8.0  | 8.0           |
| 8G8063.5/3.6x10.0 | 10.0          |
| 8G8063.5/3.6x12.0 | 12.0          |
| 8G8063.5/3.6x14.0 | 14.0          |
| 8G8063.5/3.6x16.0 | 16.0          |
| 8G8063.5/3.6x18.0 | 18.0          |
| 8G8063.5/3.6x20.0 | 20.0          |
| 8G8063.5/3.6x22.0 | 22.0          |

Please add the suffix "VO" to the article No. to specify the variant in VO

**Ordering example:** 8G8062.5x2.0 for V2  
8G8062.5x2.0VO for VO



## Mini Support Post



Top Hole  $\varnothing 2.54 \pm 0.05$  mm  
Panel Thickness 1.63 mm MAX  
Bottom Hole  $\varnothing 2.5 \pm 0.05$  mm  
Panel Thickness 1.6 mm

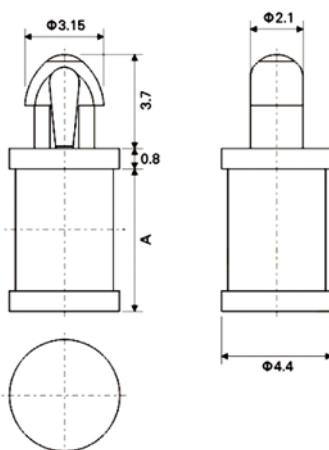
| Order No.      | "A" $\pm 0.4$ |
|----------------|---------------|
| 8G8082.54x1.6  | 1.6           |
| 8G8082.54x3.2  | 3.2           |
| 8G8082.54x4.8  | 4.8           |
| 8G8082.54x6.4  | 6.4           |
| 8G8082.54x7.9  | 7.9           |
| 8G8082.54x9.5  | 9.5           |
| 8G8082.54x11.1 | 11.1          |
| 8G8082.54x12.7 | 12.7          |
| 8G8082.54x14.3 | 14.3          |
| 8G8082.54x15.9 | 15.9          |
| 8G8082.54x22.2 | 22.2          |

Ordering example: 8G8082.54x22.2

Type mini snap-lock / snap-lock  
Material Nylon 6/6 V2 / DMS 801  
Colour natural  
Unit mm  
Standard Pack 1.000 pcs



## Push Spacer Teardrop



Bottom Hole  $\varnothing 2.5 \pm 0.05$  mm  
Bottom Panel Thickness 1.6 mm

| Order No.     | "A" $\pm 0.4$ |
|---------------|---------------|
| 8G8092.5x1.6  | 1.6           |
| 8G8092.5x3.2  | 3.2           |
| 8G8092.5x4.8  | 4.8           |
| 8G8092.5x6.4  | 6.4           |
| 8G8092.5x7.9  | 7.9           |
| 8G8092.5x9.5  | 9.5           |
| 8G8092.5x11.1 | 11.1          |
| 8G8092.5x12.7 | 12.7          |
| 8G8092.5x14.3 | 14.3          |
| 8G8092.5x15.9 | 15.9          |

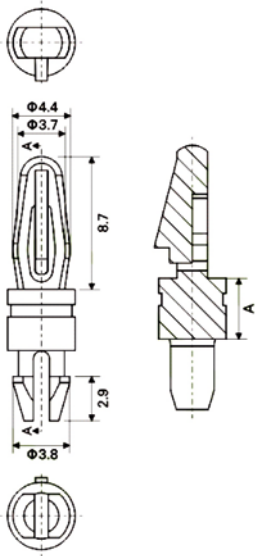
Please add the suffix "VO" to the article No. to specify the variant in VO

Type mini snap-lock  
Material Nylon 6/6 V2 / DMS 801  
Nylon 6/6 V0 / DMS 806  
Colour natural  
Unit mm  
Standard Pack 1.000 pcs



Ordering example: 8G8092.5x1.6 for V2  
8G8092.5x1.6V0 for V0

## Mini Support Post

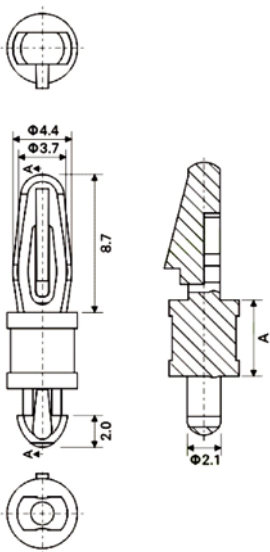


**Type** mini snap-lock / snap-lock  
**Material** Nylon 6/6 V2 / DMS 801  
**Colour** natural  
**Unit** mm  
**Standard Pack** 1.000 pcs

Top & Bottom Hole  $\varnothing 3.2 \pm 0.05$  mm  
Top & Bottom Panel Thickness 1.6 mm

| Order No.     | "A" $\pm 0.4$ |
|---------------|---------------|
| 8G8103.2x3.2  | 3.2           |
| 8G8103.2x4.8  | 4.8           |
| 8G8103.2x6.4  | 6.4           |
| 8G8103.2x7.9  | 7.9           |
| 8G8103.2x9.5  | 9.5           |
| 8G8103.2x11.1 | 11.1          |
| 8G8103.2x12.7 | 12.7          |
| 8G8103.2x14.3 | 14.3          |
| 8G8103.2x15.9 | 15.9          |
| 8G8103.2x19.1 | 19.1          |
| 8G8103.2x22.2 | 22.2          |

## Mini Support Post

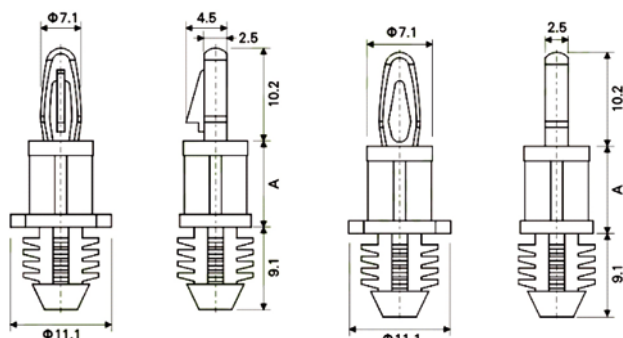


**Type** mini snap-lock / snap-lock  
**Material** Nylon 6/6 V2 / DMS 801  
**Colour** natural  
**Unit** mm  
**Standard Pack** 1.000 pcs

Top Hole  $\varnothing 3.18 \pm 0.05$  mm  
Panel Thickness 1.57 mm  
Bottom Hole  $\varnothing 2.54 \pm 0.05$  mm  
Panel Thickness 1.63 mm

| Order No.      | "A" $\pm 0.4$ |
|----------------|---------------|
| 8G8113.18x3.2  | 3.2           |
| 8G8113.18x4.8  | 4.8           |
| 8G8113.18x6.4  | 6.4           |
| 8G8113.18x7.9  | 7.9           |
| 8G8113.18x9.5  | 9.5           |
| 8G8113.18x11.1 | 11.1          |
| 8G8113.18x12.7 | 12.7          |
| 8G8113.18x15.9 | 15.9          |

## Circuit Board Support



1



2



**Type** support post for blind hole  
**Material** Nylon 6/6 V2 / DMS 801  
**Colour** natural  
**Unit** mm  
**Standard Pack** 1.000 pcs



Top Hole  $\varnothing 4.0 \pm 0.08$  mm  
Panel Thickness 1.57 mm  
Bottom Hole  $\varnothing 7.92 \pm 0.08$  mm  
Panel Thickness 6.4 mm MIN

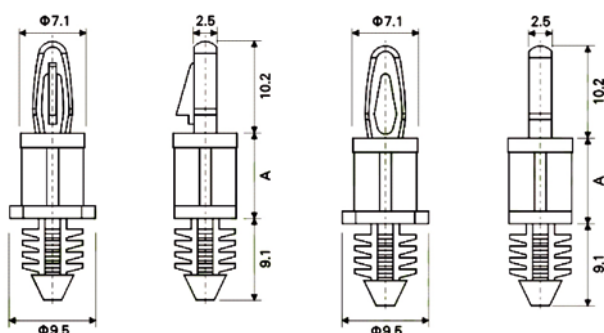
### Type 1

| Order No.   | "A" $\pm 0.4$ |
|-------------|---------------|
| 8G812V41010 | 4.8           |
| 8G812V41011 | 6.4           |
| 8G812V41012 | 9.5           |
| 8G812V41013 | 11.1          |
| 8G812V41014 | 12.7          |
| 8G812V41015 | 15.9          |
| 8G812V41016 | 19.1          |
| 8G812V41017 | 22.2          |

### Type 2

| Order No.   | "A" $\pm 0.4$ |
|-------------|---------------|
| 8G812V41113 | 4.8           |
| 8G812V41114 | 6.4           |
| 8G812V41115 | 9.5           |
| 8G812V41116 | 11.1          |
| 8G812V41117 | 12.7          |
| 8G812V41118 | 15.9          |
| 8G812V41119 | 19.1          |
| 8G812V41120 | 22.2          |

## Circuit Board Support



3



4



**Type** support post for blind hole  
**Material** Nylon 6/6 V2 / DMS 801  
**Colour** natural  
**Unit** mm  
**Standard Pack** 1.000 pcs



Top Hole  $\varnothing 4.0 \pm 0.08$  mm  
Panel Thickness 1.57 mm  
Bottom Hole  $\varnothing 6.35 \pm 0.08$  mm  
Panel Thickness 6.4 mm MIN

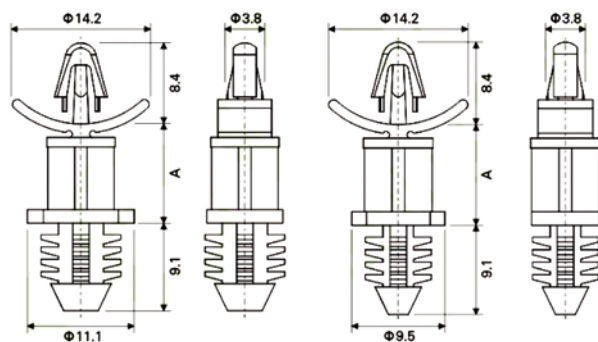
### Type 3

| Order No.   | "A" $\pm 0.4$ |
|-------------|---------------|
| 8G812V41127 | 4.8           |
| 8G812V41128 | 6.4           |
| 8G812V41129 | 9.5           |
| 8G812V41130 | 11.1          |
| 8G812V41131 | 12.7          |
| 8G812V41132 | 15.9          |
| 8G812V41133 | 19.1          |
| 8G812V41134 | 22.2          |

### Type 4

| Order No.   | "A" $\pm 0.4$ |
|-------------|---------------|
| 8G812V41135 | 4.8           |
| 8G812V41136 | 6.4           |
| 8G812V41137 | 9.5           |
| 8G812V41138 | 11.1          |
| 8G812V41139 | 12.7          |
| 8G812V41140 | 15.9          |
| 8G812V41141 | 19.1          |
| 8G812V41142 | 22.2          |

## Circuit Board Support



5

6



**Type**  
**Material**  
**Colour**  
**Unit**  
**Standard Pack**

support post for blind hole  
Nylon 6/6 V2 / DMS 801  
natural  
mm  
1.000 pcs



Top Hole  $\varnothing 4.0 \pm 0.08$  mm  
Panel Thickness 0.79 ~ 1.98 mm  
Bottom Hole  $\varnothing 7.92 \pm 0.08$  mm  
Panel Thickness 6.4 mm MIN

### Type 5

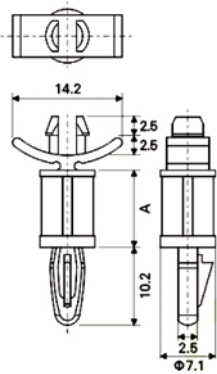
| Order No.   | "A" $\pm 0.4$ |
|-------------|---------------|
| 8G812V41121 | 6.4           |
| 8G812V41122 | 9.5           |
| 8G812V41123 | 12.7          |
| 8G812V41124 | 15.9          |
| 8G812V41125 | 19.1          |
| 8G812V41126 | 22.2          |

Top Hole  $\varnothing 4.0 \pm 0.08$  mm  
Panel Thickness 0.79 ~ 1.98 mm  
Bottom Hole  $\varnothing 6.35 \pm 0.08$  mm  
Panel Thickness 6.4 mm MIN

### Type 6

| Order No.   | "A" $\pm 0.4$ |
|-------------|---------------|
| 8G812V41143 | 6.4           |
| 8G812V41144 | 9.5           |
| 8G812V41145 | 12.7          |
| 8G812V41146 | 15.9          |
| 8G812V41147 | 19.1          |
| 8G812V41148 | 22.2          |

## Circuit Board Support

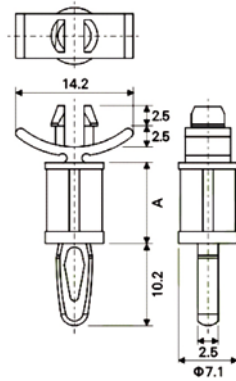


**1**

Top Hole  $\varnothing 4.75 \pm 0.08$  mm  
Panel Thickness 0.79 ~ 1.98 mm  
Bottom Hole  $\varnothing 4.0 \pm 0.08$  mm  
Panel Thickness 1.57 mm

**Type 1**

| Order No.   | "A" $\pm 0.4$ |
|-------------|---------------|
| 8G814V41087 | 4.8           |
| 8G814V41088 | 6.4           |
| 8G814V41089 | 7.9           |
| 8G814V41090 | 9.5           |
| 8G814V41091 | 11.1          |
| 8G814V41092 | 12.7          |
| 8G814V41093 | 15.9          |
| 8G814V41094 | 19.1          |
| 8G814V41095 | 22.2          |
| 8G814V41096 | 25.4          |
| 8G814V41097 | 28.6          |
| 8G814V41098 | 31.7          |
| 8G814V41099 | 34.9          |



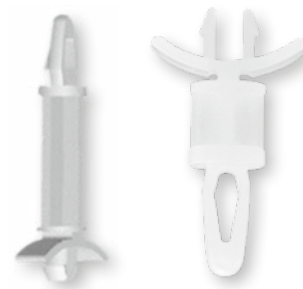
**2**

Top Hole  $\varnothing 4.75 \pm 0.08$  mm  
Panel Thickness 0.79 ~ 1.98 mm  
Bottom Hole  $\varnothing 4.0 \pm 0.08$  mm  
Panel Thickness 1.57 mm

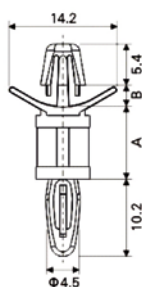
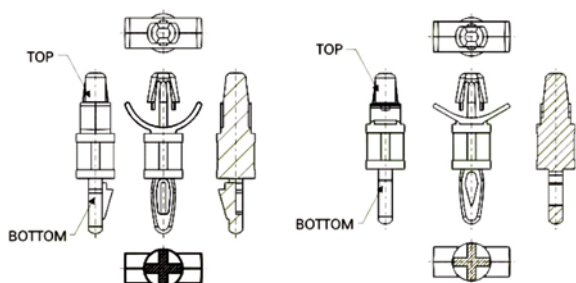
**Type 2**

| Order No.   | "A" $\pm 0.4$ |
|-------------|---------------|
| 8G814V40899 | 4.8           |
| 8G814V40900 | 6.4           |
| 8G814V40901 | 9.5           |
| 8G814V40902 | 12.7          |
| 8G814V40903 | 15.9          |
| 8G814V40904 | 19.1          |
| 8G814V40905 | 22.2          |

**Type** snap-lock / snap-lock  
**Material** Nylon 6/6 V2 / DMS 801  
**Colour** natural  
**Unit** mm  
**Standard Pack** 1.000 pcs



## Circuit Board Support

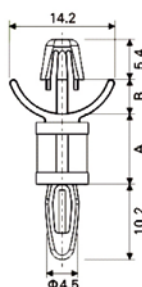


**1**

Top Hole  $\varnothing 4.75 \pm 0.08$  mm  
Panel Thickness 0.79 ~ 1.98 mm  
Bottom Hole  $\varnothing 4.00 \pm 0.08$  mm  
Panel Thickness 1.57 mm

Type 1 "B" = 2.8

| Order No.   | "A" $\pm 0.4$ |
|-------------|---------------|
| 8G813V40346 | 4.8           |
| 8G813V40347 | 6.4           |
| 8G813V40348 | 7.9           |
| 8G813V40349 | 9.5           |
| 8G813V40351 | 11.1          |
| 8G813V40352 | 12.7          |
| 8G813V40353 | 15.9          |
| 8G813V40354 | 19.1          |
| 8G813V40355 | 22.2          |
| 8G813V40356 | 25.4          |
| 8G813V40357 | 28.6          |
| 8G813V40358 | 31.7          |
| 8G813V40359 | 34.9          |

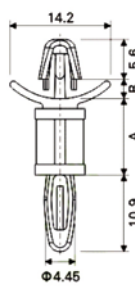


**2**

Top Hole  $\varnothing 4.75 \pm 0.08$  mm  
Panel Thickness 1.98 ~ 3.56 mm  
Bottom Hole  $\varnothing 4.00 \pm 0.08$  mm  
Panel Thickness 1.57 mm

Type 2 "B" = 4.6

| Order No.   | "A" $\pm 0.4$ |
|-------------|---------------|
| 8G813V40360 | 4.8           |
| 8G813V40361 | 6.4           |
| 8G813V40362 | 7.9           |
| 8G813V40363 | 9.5           |
| 8G813V40364 | 11.1          |
| 8G813V40365 | 12.7          |
| 8G813V40367 | 15.9          |
| 8G813V40368 | 19.1          |
| 8G813V40369 | 22.2          |
| 8G813V40370 | 25.4          |
| 8G813V40371 | 28.6          |
| 8G813V40372 | 31.7          |
| 8G813V40373 | 34.9          |

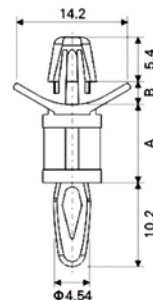


**3**

Top Hole  $\varnothing 4.75 \pm 0.08$  mm  
Panel Thickness 0.79 ~ 1.98 mm  
Bottom Hole  $\varnothing 4.00 \pm 0.08$  mm  
Panel Thickness 2.36 mm

Type 3 "B" = 2.8

| Order No.   | "A" $\pm 0.4$ |
|-------------|---------------|
| 8G813V40935 | 4.8           |
| 8G813V40936 | 6.4           |
| 8G813V40937 | 7.9           |
| 8G813V40938 | 9.5           |
| 8G813V40939 | 11.1          |
| 8G813V40940 | 12.7          |
| 8G813V40941 | 15.9          |
| 8G813V40942 | 19.1          |
| 8G813V40943 | 22.2          |
| 8G813V40944 | 25.4          |
| 8G813V40945 | 28.6          |
| 8G813V40946 | 31.7          |
| 8G813V40947 | 34.9          |



**4**

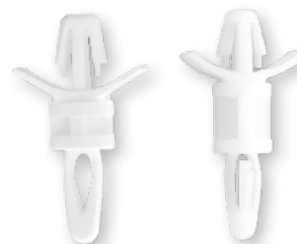
Top Hole  $\varnothing 4.75 \pm 0.08$  mm  
Panel Thickness 0.79 ~ 1.98 mm  
Bottom Hole  $\varnothing 4.00 \pm 0.08$  mm  
Panel Thickness 1.57 mm

Type 4 "B" = 2.8

| Order No.   | "A" $\pm 0.4$ |
|-------------|---------------|
| 8G813V40374 | 4.8           |
| 8G813V40375 | 6.4           |
| 8G813V40377 | 7.9           |
| 8G813V40378 | 9.5           |
| 8G813V40379 | 11.1          |
| 8G813V40380 | 12.7          |
| 8G813V40381 | 15.9          |
| 8G813V40382 | 19.1          |
| 8G813V40383 | 22.2          |
| 8G813V40384 | 25.4          |
| 8G813V40385 | 28.6          |
| 8G813V40386 | 31.7          |
| 8G813V40387 | 34.9          |

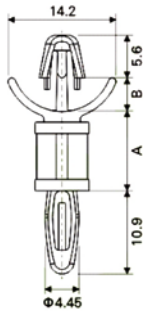
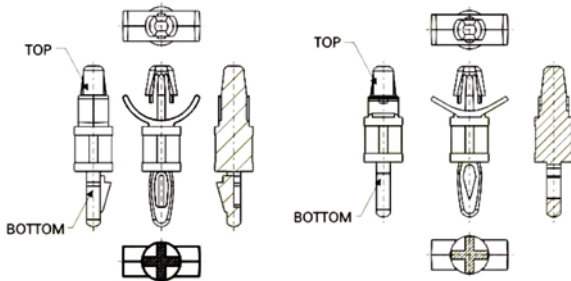
Type  
Material  
Colour  
Unit  
Standard Pack

snap-lock / snap-lock  
Nylon 6/6 V2 / DMS 801  
natural  
mm  
1.000 pcs





## Circuit Board Support

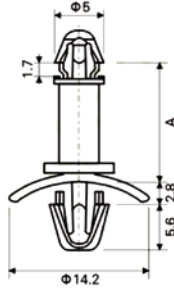


6

Top Hole  $\varnothing 4.75 \pm 0.08$  mm  
Panel Thickness 1.98 ~ 3.56 mm  
Bottom Hole  $\varnothing 4.00 \pm 0.08$  mm  
Panel Thickness 2.36 mm

Type 6 "B" = 4.4

| Order No.   | "A" $\pm 0.4$ |
|-------------|---------------|
| 8G813V40948 | 4.8           |
| 8G813V40949 | 6.4           |
| 8G813V40950 | 7.9           |
| 8G813V40951 | 9.5           |
| 8G813V40952 | 11.1          |
| 8G813V40953 | 12.7          |
| 8G813V40954 | 15.9          |
| 8G813V40955 | 19.1          |
| 8G813V40956 | 22.2          |
| 8G813V40957 | 25.4          |
| 8G813V40958 | 28.6          |
| 8G813V40959 | 31.7          |
| 8G813V40960 | 34.9          |

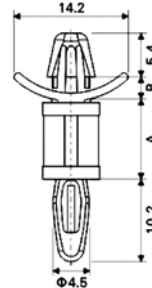


7

Top Hole  $\varnothing 4.00 \pm 0.08$  mm  
Panel Thickness 1.6 mm  
Bottom Hole  $\varnothing 4.75 \pm 0.08$  mm  
Panel Thickness 0.79 ~ 1.98 mm

Type 7 "B" = 2.8

| Order No.   | "A" $\pm 0.4$ |
|-------------|---------------|
| 8G813V41100 | 4.8           |
| 8G813V41101 | 6.4           |
| 8G813V41102 | 7.9           |
| 8G813V41103 | 9.5           |
| 8G813V41104 | 11.1          |
| 8G813V41105 | 12.7          |
| 8G813V41106 | 15.9          |
| 8G813V41107 | 19.1          |
| 8G813V41108 | 22.2          |
| 8G813V41109 | 25.4          |
| 8G813V41110 | 28.6          |
| 8G813V41111 | 31.7          |
| 8G813V41112 | 34.9          |

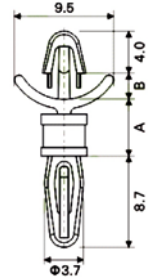


8

Top Hole  $\varnothing 4.75 \pm 0.08$  mm  
Panel Thickness 0.2 ~ 1.4 mm  
Bottom Hole  $\varnothing 4.00 \pm 0.08$  mm  
Panel Thickness 1.57 mm

Type 8 "B" = 2.0

| Order No.   | "A" $\pm 0.4$ |
|-------------|---------------|
| 8G813V40388 | 4.8           |
| 8G813V40389 | 6.4           |
| 8G813V40390 | 7.9           |
| 8G813V40391 | 9.5           |
| 8G813V40392 | 11.1          |
| 8G813V40393 | 12.7          |
| 8G813V40394 | 15.9          |
| 8G813V40395 | 19.1          |
| 8G813V40396 | 22.2          |
| 8G813V40397 | 25.4          |
| 8G813V40398 | 28.6          |
| 8G813V40399 | 31.7          |
| 8G813V40400 | 34.9          |



9

Top Hole  $\varnothing 3.18 \pm 0.05$  mm  
Panel Thickness 1.57 mm  
Bottom Hole  $\varnothing 3.18 \pm 0.05$  mm  
Panel Thickness 1.57 mm

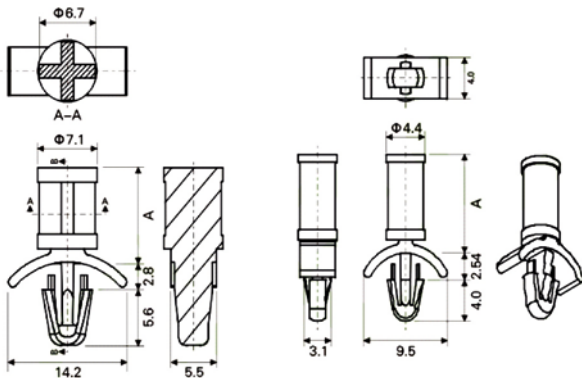
Type 9 "B" = 2.5

| Order No.   | "A" $\pm 0.4$ |
|-------------|---------------|
| 8G813V40850 | 3.2           |
| 8G813V40852 | 4.8           |
| 8G813V40854 | 6.4           |
| 8G813V40856 | 7.9           |
| 8G813V40858 | 9.5           |
| 8G813V40860 | 11.1          |
| 8G813V40862 | 12.7          |
| 8G813V40864 | 15.9          |

Please add the suffix "VO" to the article No. to specify the variant in VO

Ordering example for Type 9: 8G813V40850 for V2  
8G813V40850VO for VO

## Circuit Board Support



1

2



**Type** mini snap-lock  
**Material** Nylon 6/6 V2 / DMS 801  
**Colour** natural  
**Unit** mm  
**Standard Pack** 1.000 pcs



Hole  $\varnothing 4.75 \pm 0.08$  mm  
Panel Thickness 0.79 ~ 1.98 mm

### Type 1

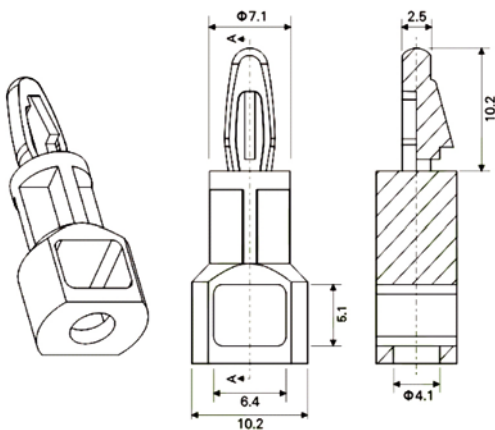
| Order No.      | "A" $\pm 0.4$ |
|----------------|---------------|
| 8G8154.75x4.8  | 4.8           |
| 8G8154.75x6.4  | 6.4           |
| 8G8154.75x7.9  | 7.9           |
| 8G8154.75x9.5  | 9.5           |
| 8G8154.75x11.1 | 11.1          |
| 8G8154.75x12.7 | 12.7          |
| 8G8154.75x15.9 | 15.9          |
| 8G8154.75x19.1 | 19.1          |
| 8G8154.75x22.2 | 22.2          |

Hole  $\varnothing 3.18 \pm 0.05$  mm  
Panel Thickness 0.79 ~ 1.98 mm

### Type 2

| Order No.      | "A" $\pm 0.4$ |
|----------------|---------------|
| 8G8153.18x3.2  | 3.2           |
| 8G8153.18x4.8  | 4.8           |
| 8G8153.18x6.4  | 6.4           |
| 8G8153.18x7.9  | 7.9           |
| 8G8153.18x9.5  | 9.5           |
| 8G8153.18x11.1 | 11.1          |
| 8G8153.18x12.7 | 12.7          |
| 8G8153.18x14.3 | 14.3          |
| 8G8153.18x15.9 | 15.9          |

## Circuit Board Support



Top Hole  $\varnothing 4.0 \pm 0.08$  mm  
Panel Thickness 1.6 mm  
Bottom Hole 4.1 ~ 4.2 mm

| Order No.     | "A" $\pm 0.4$ |
|---------------|---------------|
| 8G8164.0x9.5  | 9.5           |
| 8G8164.0x11.1 | 11.1          |
| 8G8164.0x12.7 | 12.7          |
| 8G8164.0x15.9 | 15.9          |
| 8G8164.0x19.1 | 19.1          |
| 8G8164.0x22.2 | 22.2          |
| 8G8164.0x25.4 | 25.4          |

All 8G816 articles without rivets.  
Include rivets with your order.



**Type** snap rivet locking  
**Material** Nylon 6/6 V2 / DMS 801  
**Colour** natural  
**Bottom Panel Thickness** see rivet table  
**Unit** mm  
**Standard Pack** 1.000 pcs



| Rivet Order No. | P.Thick.  |
|-----------------|-----------|
| 8G4024.0x3.5    | 0.7 ~ 1.6 |
| 8G4024.0x4.5    | 1.6 ~ 2.7 |
| 8G4024.0x5.5    | 2.7 ~ 3.7 |
| 8G4024.0x6.5    | 3.7 ~ 4.7 |
| 8G4024.0x8.5    | 5.7 ~ 6.7 |

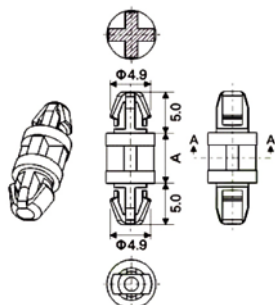
Rivets in black or white available.  
Please add the suffix "B" for black or "W" for white to the article No.

**Ordering example:** 8G4024.0x3.5B for black

## Circuit Board Support



|               |                        |
|---------------|------------------------|
| Type          | snap-lock / snap-lock  |
| Material      | Nylon 6/6 V2 / DMS 801 |
| Colour        | natural                |
| Unit          | mm                     |
| Standard Pack | 1.000 pcs              |

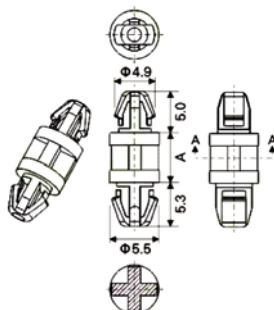


1

Top Hole  $\varnothing 4.0 \pm 0.08$  mm  
Top & Bottom Panel Thickness 1.6 mm  
Bottom Hole 4.0 mm

### Type 1

| Order No.   | "A" $\pm 0.4$ |
|-------------|---------------|
| 8G817V40401 | 3.0           |
| 8G817V40402 | 4.0           |
| 8G817V40403 | 6.0           |
| 8G817V40404 | 8.0           |
| 8G817V40405 | 10.0          |
| 8G817V40406 | 12.0          |
| 8G817V40407 | 14.0          |
| 8G817V40408 | 16.0          |
| 8G817V40409 | 18.0          |

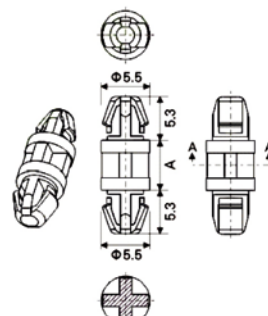


2

Top Hole  $\varnothing 4.0 \pm 0.08$  mm  
Top & Bottom Panel Thickness 1.6 mm  
Bottom Hole 4.8 mm

### Type 2

| Order No.   | "A" $\pm 0.4$ |
|-------------|---------------|
| 8G817V40410 | 3.0           |
| 8G817V40411 | 4.0           |
| 8G817V40412 | 6.0           |
| 8G817V40413 | 8.0           |
| 8G817V40414 | 10.0          |
| 8G817V40415 | 12.0          |
| 8G817V40416 | 14.0          |
| 8G817V40417 | 16.0          |
| 8G817V40418 | 18.0          |



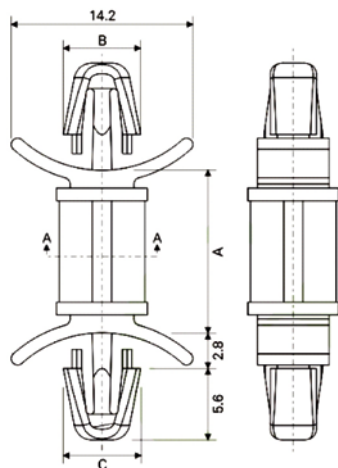
3

Top Hole  $\varnothing 4.8 \pm 0.08$  mm  
Top & Bottom Panel Thickness 1.6 mm  
Bottom Hole 4.8 mm

### Type 3

| Order No.   | "A" $\pm 0.4$ |
|-------------|---------------|
| 8G817V41078 | 3.0           |
| 8G817V41079 | 4.0           |
| 8G817V41080 | 6.0           |
| 8G817V41081 | 8.0           |
| 8G817V41082 | 10.0          |
| 8G817V41083 | 12.0          |
| 8G817V41084 | 14.0          |
| 8G817V41085 | 16.0          |
| 8G817V41086 | 18.0          |

## Circuit Board Support



Top Hole  $\varnothing 4.0 \pm 0.08$  mm  
Bottom Hole  $\varnothing 4.0 \pm 0.08$  mm  
Panel Thickness 0.8 ~ 2.0 mm

"B" = 5.5 mm "C" = 5.5 mm

| Order No.         | "A" $\pm 0.4$ |
|-------------------|---------------|
| 8G8185.5/5.5x4.8  | 4.8           |
| 8G8185.5/5.5x6.4  | 6.4           |
| 8G8185.5/5.5x9.5  | 9.5           |
| 8G8185.5/5.5x12.7 | 12.7          |
| 8G8185.5/5.5x15.9 | 15.9          |
| 8G8185.5/5.5x19.1 | 19.1          |
| 8G8185.5/5.5x22.2 | 22.2          |



Top Hole  $\varnothing 4.8 \pm 0.08$  mm  
Bottom Hole  $\varnothing 4.8 \pm 0.08$  mm  
Panel Thickness 0.8 ~ 2.0 mm

"B" = 6.05 mm "C" = 6.05 mm

| Order No.           | "A" $\pm 0.4$ |
|---------------------|---------------|
| 8G8186.05/6.05x4.8  | 4.8           |
| 8G8186.05/6.05x6.4  | 6.4           |
| 8G8186.05/6.05x9.5  | 9.5           |
| 8G8186.05/6.05x12.7 | 12.7          |
| 8G8186.05/6.05x15.9 | 15.9          |
| 8G8186.05/6.05x19.1 | 19.1          |
| 8G8186.05/6.05x22.2 | 22.2          |

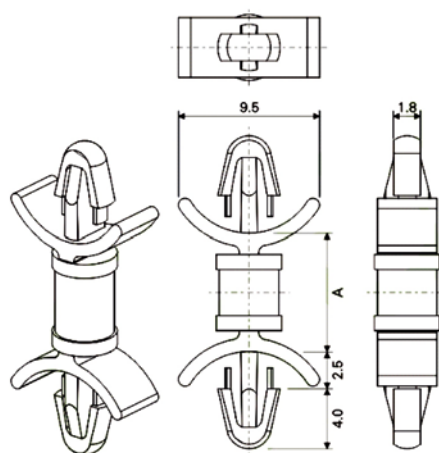
Top Hole  $\varnothing 4.8 \pm 0.08$  mm  
Bottom Hole  $\varnothing 4.0 \pm 0.08$  mm  
Panel Thickness 0.8 ~ 2.0 mm

"B" = 5.5 mm "C" = 6.05 mm

| Order No.          | "A" $\pm 0.4$ |
|--------------------|---------------|
| 8G8185.5/6.05x4.8  | 4.8           |
| 8G8185.5/6.05x6.4  | 6.4           |
| 8G8185.5/6.05x9.5  | 9.5           |
| 8G8185.5/6.05x12.7 | 12.7          |
| 8G8185.5/6.05x15.9 | 15.9          |
| 8G8185.5/6.05x19.1 | 19.1          |
| 8G8185.5/6.05x22.2 | 22.2          |

Please add the suffix "VO" to the article No. to specify the variant in VO

## Circuit Board Support



Hole  $3.2 \pm 0.08$  mm  
Panel Thickness 0.8 ~ 2.0 mm

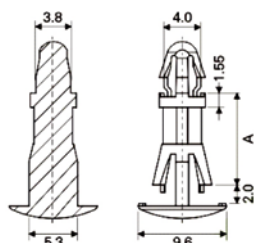
| Order No.     | "A" $\pm 0.4$ |
|---------------|---------------|
| 8G8193.2x4.8  | 4.8           |
| 8G8193.2x6.4  | 6.4           |
| 8G8193.2x7.9  | 7.9           |
| 8G8193.2x9.5  | 9.5           |
| 8G8193.2x11.1 | 11.1          |
| 8G8193.2x12.7 | 12.7          |
| 8G8193.2x14.3 | 14.3          |
| 8G8193.2x15.9 | 15.9          |



Please add the suffix "VO" to the article No. to specify the variant in VO

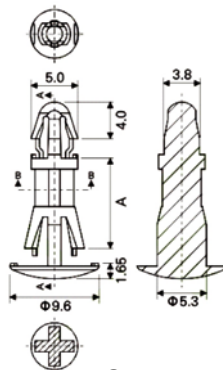
## Circuit Board Support

Round



1

Round



2



Top Hole  $4.0 \pm 0.05$  mm  
Bottom Hole  $5.4 \pm 0.05$  mm  
Panel Thickness 1.6 mm

Type 1

| Order No.   | "A" $\pm 0.4$ |
|-------------|---------------|
| 8G820V40578 | 6.0           |
| 8G820V40579 | 8.0           |
| 8G820V40580 | 10.0          |
| 8G820V40581 | 12.0          |
| 8G820V40582 | 14.0          |

Type  
Material  
Colour  
Unit  
Standard Pack

snap-lock  
Nylon 6/6 V2 / DMS 801  
natural  
mm  
1.000 pcs

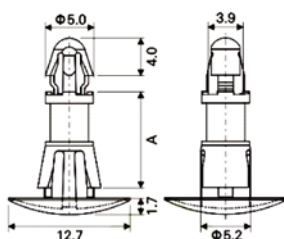
Top Hole  $4.0 \pm 0.08$  mm  
Panel Thickness 1.6 mm  
Bottom Hole  $5.4 \pm 0.08$  mm  
Panel Thickness 2.0 mm

Type 2

| Order No.   | "A" $\pm 0.4$ |
|-------------|---------------|
| 8G820V41249 | 6.0           |
| 8G820V41250 | 8.0           |
| 8G820V41251 | 10.0          |
| 8G820V41252 | 12.0          |
| 8G820V41253 | 14.0          |

## Circuit Board Support

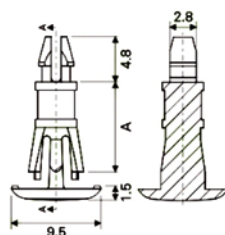
Round



3



Flat



4



Top Hole  $4.0 \pm 0.08$  mm  
Panel Thickness 1.6 mm  
Bottom Hole  $5.4 \pm 0.08$  mm  
Panel Thickness 1.0 ~ 1.6 mm

Type 3

| Order No.   | "A" $\pm 0.4$ |
|-------------|---------------|
| 8G820V41225 | 8.0           |
| 8G820V41226 | 10.0          |
| 8G820V41227 | 12.0          |
| 8G820V41228 | 14.0          |

Type  
Material  
Colour  
Unit  
Standard Pack

snap-lock  
Nylon 6/6 V2 / DMS 801  
natural  
mm  
1.000 pcs

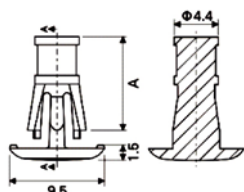
Top Hole  $3.18 \pm 0.05$  mm  
Panel Thickness 1.57 mm  
Bottom Hole  $4.75 \pm 0.05$  mm  
Panel Thickness 1.5 ~ 1.6 mm

Type 4

| Order No.   | "A" $\pm 0.4$ |
|-------------|---------------|
| 8G820V41211 | 6.4           |
| 8G820V41212 | 7.9           |
| 8G820V41213 | 9.5           |
| 8G820V41214 | 11.1          |
| 8G820V41215 | 12.7          |
| 8G820V41216 | 14.3          |
| 8G820V41217 | 15.9          |

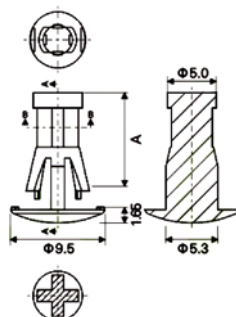
## Circuit Board Support

Flat



5

Round



6



Type

Material

Colour

Unit

Standard Pack

snap-lock

Nylon 6/6 V2 / DMS 801

natural

mm

1.000 pcs

Bottom Hole  $4.75 \pm 0.05$  mm  
Panel Thickness 1.5 ~ 1.6 mm

Type 5

| Order No.      | "A" $\pm 0.4$ |
|----------------|---------------|
| 8G8204.75x6.4  | 6.4           |
| 8G8204.75x7.9  | 7.9           |
| 8G8204.75x9.5  | 9.5           |
| 8G8204.75x11.1 | 11.1          |
| 8G8204.75x12.7 | 12.7          |
| 8G8204.75x14.3 | 14.3          |
| 8G8204.75x15.9 | 15.9          |

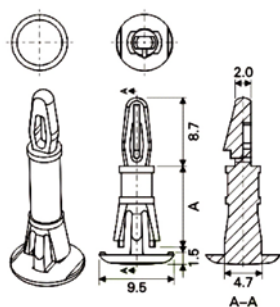
Bottom Hole  $5.4 \pm 0.05$  mm  
Panel Thickness 1.6 mm

Type 6

| Order No.     | "A" $\pm 0.4$ |
|---------------|---------------|
| 8G8205.4x6.0  | 6.0           |
| 8G8205.4x8.0  | 8.0           |
| 8G8205.4x10.0 | 10.0          |
| 8G8205.4x12.0 | 12.0          |
| 8G8205.4x14.0 | 14.0          |

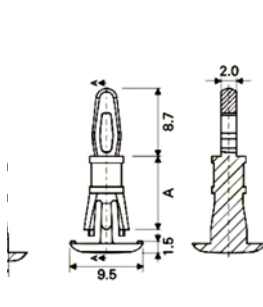
## Circuit Board Support

Flat

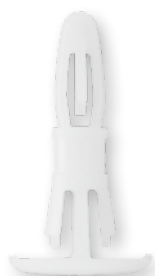


7

Flat



8



Type

Material

Colour

Unit

Standard Pack

snap-lock

Nylon 6/6 V2 / DMS 801

natural

mm

1.000 pcs

Top Hole  $3.18 \pm 0.05$  mm  
Panel Thickness 1.57 mm  
Bottom Hole  $4.75 \pm 0.05$  mm  
Panel Thickness 1.5 ~ 1.6 mm

Type 7

| Order No.   | "A" $\pm 0.4$ |
|-------------|---------------|
| 8G820V40618 | 6.4           |
| 8G820V40620 | 7.9           |
| 8G820V40621 | 9.5           |
| 8G820V40622 | 11.1          |
| 8G820V40623 | 12.7          |
| 8G820V40625 | 14.3          |
| 8G820V40626 | 15.9          |

Top Hole  $3.18 \pm 0.05$  mm  
Panel Thickness 1.57 mm  
Bottom Hole  $4.75 \pm 0.05$  mm  
Panel Thickness 1.5 ~ 1.6 mm

Type 8

| Order No.   | "A" $\pm 0.4$ |
|-------------|---------------|
| 8G820V41218 | 6.4           |
| 8G820V41219 | 7.9           |
| 8G820V41220 | 9.5           |
| 8G820V41221 | 11.1          |
| 8G820V41222 | 12.7          |
| 8G820V41223 | 14.3          |
| 8G820V41224 | 15.9          |



## Circuit Board Support

Round

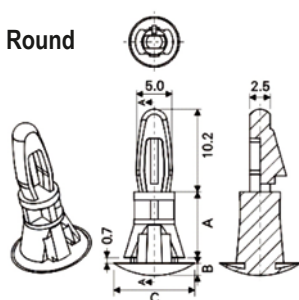


Flat



Type snap-lock  
Material Nylon 6/6 V2 / DMS 801  
Colour natural  
Unit mm  
Standard Pack 1.000 pcs

Round



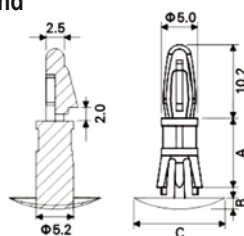
9

Top Hole  $4.0 \pm 0.08$  mm  
Panel Thickness 1.56 mm  
Bottom Hole  $6.0 \pm 0.08$  mm  
Panel Thickness 0.8 ~ 1.2 mm

Type 9 "B" = 1.5 mm "C" = 10.0 mm

| Order No.   | "A" $\pm 0.4$ |
|-------------|---------------|
| 8G820V40893 | 4.8           |
| 8G820V40894 | 6.4           |
| 8G820V40895 | 9.5           |
| 8G820V40896 | 12.7          |
| 8G820V40897 | 15.9          |
| 8G820V40898 | 19.1          |

Round



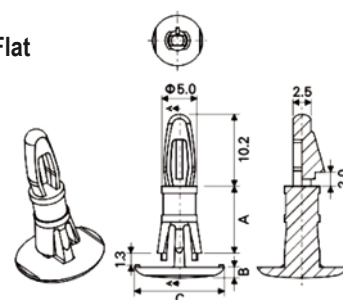
10

Top Hole  $4.0 \pm 0.08$  mm  
Panel Thickness 1.56 mm  
Bottom Hole  $5.4 \pm 0.08$  mm  
Panel Thickness 1.2 ~ 2.0 mm

Type 10 "B" = 1.5 mm "C" = 12.7 mm

| Order No.   | "A" $\pm 0.4$ |
|-------------|---------------|
| 8G820V40889 | 6.4           |
| 8G820V40890 | 9.5           |
| 8G820V40891 | 12.7          |
| 8G820V40892 | 15.9          |

Flat



11

Top Hole  $4.0 \pm 0.08$  mm  
Panel Thickness 1.57 mm  
Bottom Hole  $5.4 \pm 0.08$  mm  
Panel Thickness 1.5 ~ 1.65 mm

Type 11 "B" = 1.8 mm "C" = 12.7 mm

| Order No.   | "A" $\pm 0.4$ |
|-------------|---------------|
| 8G820V40984 | 6.4           |
| 8G820V40985 | 9.5           |
| 8G820V40986 | 12.7          |
| 8G820V40987 | 15.9          |

Top Hole  $4.0 \pm 0.08$  mm  
Panel Thickness 1.57 mm  
Bottom Hole  $6.35 \pm 0.08$  mm  
Panel Thickness 1.5 ~ 1.65 mm

Type 11 "B" = 1.8 mm "C" = 12.7 mm

| Order No.   | "A" $\pm 0.4$ |
|-------------|---------------|
| 8G820V40988 | 6.4           |
| 8G820V40989 | 9.5           |
| 8G820V40990 | 12.7          |
| 8G820V40991 | 15.9          |

# Spacer Sleeves



## Spacer sleeves

### Type

round

### Material

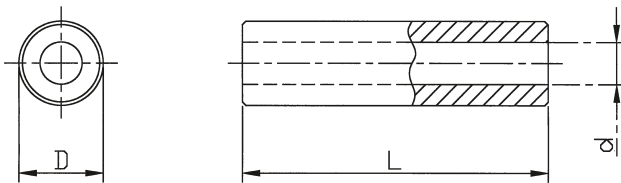
Brass (nickel plated) / DMS 100  
Brass (blank) / DMS 101  
Steel (zinc plated) / DMS 200  
Steel (blank) / DMS 201  
Aluminium / DMS 300  
Stainless steel / DMS 400

### Colour

according to material

### Standard Pack

from 100 pcs



Tolerance for length dimensions: +/- 0,1 mm

All Diameter "D" between 4 – 16 mm possible! (only whole data; Exception: 4,5 mm)

All Diameter "d" between 1 – 12,5 mm possible!

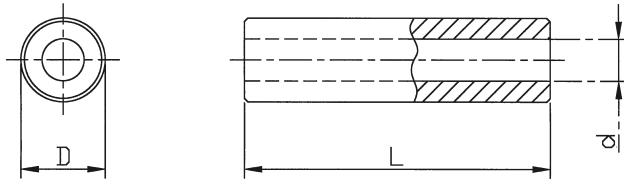
All lengths between 1 – 80 mm possible!

| Styles | Material Styles |         |             |        | Diameter D (mm) |   | Diameter d (mm) |   | Length    |
|--------|-----------------|---------|-------------|--------|-----------------|---|-----------------|---|-----------|
| SP     | Brass 1         | Steel 2 | Aluminium 3 | Niro 4 | 4 – 16 mm       | / | 1 – 12,5 mm     | x | 1 – 50 mm |
| 3      | e.g. Steel 2    |         |             |        | e.g. 4          |   | e.g. 2,1        |   | e.g. 10   |

Ordering example: **324/2,1 x 10** (= SP / Steel / Diameter "D" 4 mm / Diameter "d" 2,1 mm / Length 10 mm)

# Spacer Sleeves

[ Polyamide black ]



## Spacer sleeves

**Type** round  
**Material** Polyamide 6.6 GV / DMS 826  
**Colour** black  
**Standard Pack** from 100 pcs



## Technical data [ reference values ]

| Material  | Specific contact resistance | Dielectric strength | Heat resistance |
|-----------|-----------------------------|---------------------|-----------------|
| Polyamide | > 10 <sup>12</sup> Ohm / cm | 80 kV / mm          | 110° C          |

| Order No.            | Diameter D (mm) | Diameter d (mm) | Standard lengths in mm-increments |
|----------------------|-----------------|-----------------|-----------------------------------|
| 384 / 1,5 x (Length) | 4               | 1,5             | from 2 mm to 10 mm                |
| 384 / 2,2 x          | 4               | 2,2             | from 2 mm to 50 mm                |
| 385 / 2,7 x          | 5               | 2,7             | from 2 mm to 55 mm                |
| 386 / 3,4 x          | 6               | 3,4             | from 2 mm to 60 mm                |
| 388 / 4,2 x          | 8               | 4,2             | from 2 mm to 60 mm                |
| 3810 / 5,2 x         | 10              | 5,2             | from 2 mm to 57 mm                |
| 3810 / 6,2 x         | 10              | 6,2             | from 2 mm to 55 mm                |
| 3812 / 8,2 x         | 12              | 8,2             | from 2 mm to 63 mm                |
| 3816 / 10,5 x        | 16              | 10,5            | from 2 mm to 50 mm                |

**Ordering example:** 386 / 3,4 x 25 mm = SP / Polyamide / 6 (3,4) x 25 mm



## General

In the following chapter plastic rivets are presented.

## Specification

- Rivet:** To install, simply press the head of the double rivets. The rivet expands, ensuring a safe and secure installation.
- Flat plastic rivets: :** Easily installed by hand. The pin is driven into the rivet which causes the rivet to spread thus ensuring a secure attachment.
- Plastic rivets:** Installation with a standard rivet tool.
- Mounting Knob:** For fixing thin materials or for the easier assembling of components. Economical and easy to install.

| Material     | Flammability Rating | RoHS Compliance | Dremec Material-Spezifikation |
|--------------|---------------------|-----------------|-------------------------------|
| Nylon 6/6    | V2                  | Yes             | 801                           |
| Nylon 6      | V2                  | Yes             | 811                           |
| Nylon 66/6   | V0                  | Yes             | 813                           |
| POM (Acetal) | HB                  | Yes             | 804                           |

For more details on material properties please consult the data section (DMS) of the catalogue.

## Colour

Standard colours include black, white and natural. Other colours upon request.

# Rivets



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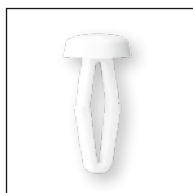
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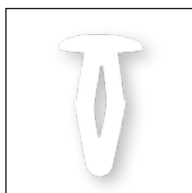
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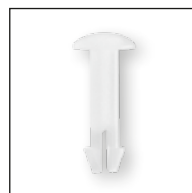
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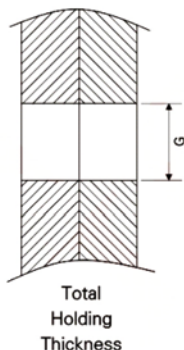
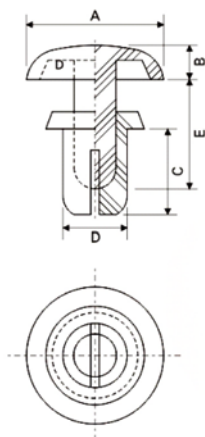
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# Rivets



**Type** round head type I  
**Material** Nylon 6/6 V2 / DMS 801  
**Colour** black / white  
**Unit** mm  
**Standard Pack** 1.000 pcs

Alternative as V0 (Nylon 66/6 DMS 813) and different colours (from 20.000 pcs) available. Please request separately.

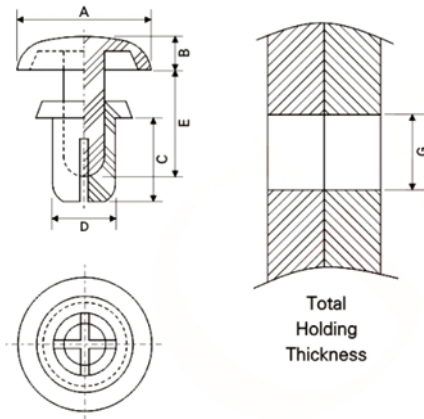
| Insert force |        |   | ≤ 2.5 kgf |                 | Extraction force |     |     |     | ≥ 3.0 kgf |
|--------------|--------|---|-----------|-----------------|------------------|-----|-----|-----|-----------|
| Order No.    | Colour |   | Hole-Ø    | Panel Thickness | "A"              | "B" | "C" | "D" | "E"       |
| 8G4012.0x1.2 | B      | W | 2.1       | 0.6 ~ 1.2       | 4.2              | 1.2 | 2.4 | 2.0 | 2.8       |
| 8G4012.0x2.0 | B      | W |           | 1.3 ~ 2.0       |                  |     | 3.2 |     | 3.8       |
| 8G4012.0x2.8 | B      | W |           | 2.1 ~ 2.8       |                  |     | 4.0 |     | 5.5       |
| 8G4012.0x3.6 | B      | W |           | 2.9 ~ 3.6       |                  |     | 4.8 |     |           |
| 8G4012.0x4.4 | B      | W |           | 3.7 ~ 4.4       |                  |     | 5.6 |     |           |
| 8G4012.0x5.2 | B      | W |           | 4.5 ~ 5.2       |                  |     | 6.4 |     | 7.2       |

| Insert force |        |   | ≤ 3.0 kgf |                 | Extraction force |     |     |     | ≥ 5.0 kgf |
|--------------|--------|---|-----------|-----------------|------------------|-----|-----|-----|-----------|
| Order No.    | Colour |   | Hole-Ø    | Panel Thickness | "A"              | "B" | "C" | "D" | "E"       |
| 8G4012.6x2.0 | B      | W | 2.7       | 1.0 ~ 2.0       | 5.0              | 1.4 | 3.2 | 2.6 | 4.6       |
| 8G4012.6x3.0 | B      | W |           | 2.1 ~ 3.0       |                  |     | 4.2 |     |           |
| 8G4012.6x3.6 | B      | W |           | 2.7 ~ 3.6       |                  |     | 4.8 |     | 6.2       |
| 8G4012.6x4.3 | B      | W |           | 3.4 ~ 4.3       |                  |     | 5.5 |     |           |
| 8G4012.6x5.2 | B      | W |           | 4.3 ~ 5.2       |                  |     | 6.4 |     |           |
| 8G4012.6x6.0 | B      | W |           | 5.1 ~ 6.0       |                  |     | 7.2 |     | 7.8       |

| Insert force  |        |   | ≤ 3.0 kgf |                 | Extraction force |     |      |     | ≥ 8.0 kgf |
|---------------|--------|---|-----------|-----------------|------------------|-----|------|-----|-----------|
| Order No.     | Colour |   | Hole-Ø    | Panel Thickness | "A"              | "B" | "C"  | "D" | "E"       |
| 8G4013.0x2.0  | B      | W | 3.1       | 1.0 ~ 2.0       | 6.4              | 1.6 | 3.5  | 3.0 | 5.1       |
| 8G4013.0x3.0  | B      | W |           | 2.0 ~ 3.0       |                  |     | 4.5  |     | 6.1       |
| 8G4013.0x4.0  | B      | W |           | 3.0 ~ 4.0       |                  |     | 5.5  |     |           |
| 8G4013.0x5.0  | B      | W |           | 4.0 ~ 5.0       |                  |     | 6.5  |     | 7.1       |
| 8G4013.0x6.0  | B      | W |           | 5.0 ~ 6.0       |                  |     | 7.5  |     | 9.0       |
| 8G4013.0x6.5  | B      | W |           | 5.5 ~ 6.5       |                  |     | 8.0  |     |           |
| 8G4013.0x7.5  | B      | W |           | 6.5 ~ 7.5       |                  |     | 9.0  |     | 11.0      |
| 8G4013.0x8.5  | B      | W |           | 7.5 ~ 8.5       |                  |     | 10.0 |     |           |
| 8G4013.0x13.0 | B      | W |           | 11.5 ~ 13.0     |                  |     | 14.5 |     | 15.5      |
| 8G4013.0x21.5 | B      | W |           | 20.5 ~ 21.5     |                  |     | 23.0 |     | 24.0      |

**Ordering example:** 8G4012.0x1.2B for black  
8G4012.0x1.2W for white

# Rivets



**Type** round haed type II  
**Material** Nylon 6/6 V2 / DMS 801  
**Colour** black / white  
**Unit** mm  
**Standard Pack** 1.000 pcs

Alternative as V0 (Nylon 66/6 DMS 813) and different colours (from 20.000 pcs) available. Please request separately.



| Insert force |        |        | ≤ 4.0 kgf       |     | Extraction force |     |     |     | ≥ 12.0 kgf |
|--------------|--------|--------|-----------------|-----|------------------|-----|-----|-----|------------|
| Order No.    | Colour | Hole-ø | Panel Thickness | "A" | "B"              | "C" | "D" | "E" |            |
| 8G4023.5x2.1 | B      | W      | 1.1 ~ 2.1       | 6.4 | 1.6              | 3.5 | 3.5 | 5.1 |            |
| 8G4023.5x3.1 | B      | W      | 2.2 ~ 3.1       |     |                  | 4.5 |     | 6.1 |            |
| 8G4023.5x3.6 | B      | W      | 2.7 ~ 3.6       |     |                  | 5.0 |     | 7.1 |            |
| 8G4023.5x4.1 | B      | W      | 3.2 ~ 4.1       |     |                  | 5.5 |     | 9.0 |            |
| 8G4023.5x4.6 | B      | W      | 3.7 ~ 4.6       |     |                  | 6.0 |     |     |            |
| 8G4023.5x5.6 | B      | W      | 4.7 ~ 5.6       |     |                  | 7.0 |     |     |            |
| 8G4023.5x6.6 | B      | W      | 5.7 ~ 6.6       |     |                  | 8.0 |     |     |            |

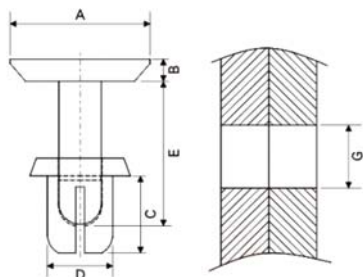
| Insert force  |        |        | ≤ 4.0 kgf       |     | Extraction force |      |     |      | ≥ 20.0 kgf |
|---------------|--------|--------|-----------------|-----|------------------|------|-----|------|------------|
| Order No.     | Colour | Hole-ø | Panel Thickness | "A" | "B"              | "C"  | "D" | "E"  |            |
| 8G4024.0x3.5  | B      | W      | 2.5 ~ 3.5       | 8.0 | 1.8              | 5.0  | 4.0 | 7.1  |            |
| 8G4024.0x4.5  | B      | W      | 3.5 ~ 4.5       |     |                  | 6.0  |     | 9.0  |            |
| 8G4024.0x5.5  | B      | W      | 4.5 ~ 5.5       |     |                  | 7.0  |     | 11.0 |            |
| 8G4024.0x6.5  | B      | W      | 5.5 ~ 6.5       |     |                  | 8.0  |     | 14.0 |            |
| 8G4024.0x7.5  | B      | W      | 6.5 ~ 7.5       |     |                  | 9.0  |     | 16.6 |            |
| 8G4024.0x8.5  | B      | W      | 7.5 ~ 8.5       |     |                  | 10.0 |     |      |            |
| 8G4024.0x10.5 | B      | W      | 9.0 ~ 10.5      |     |                  | 12.0 |     |      |            |
| 8G4024.0x14.0 | B      | W      | 12.5 ~ 14.0     |     |                  | 15.0 |     |      |            |

| Insert force |        |        | ≤ 5.0 kgf       |     | Extraction force |      |     |      | ≥ 25.0 kgf |
|--------------|--------|--------|-----------------|-----|------------------|------|-----|------|------------|
| Order No.    | Colour | Hole-ø | Panel Thickness | "A" | "B"              | "C"  | "D" | "E"  |            |
| 8G4025.0x2.5 | B      | W      | 1.5 ~ 2.5       | 9.0 | 2.2              | 4.5  | 5.0 | 6.5  |            |
| 8G4025.0x3.5 | B      | W      | 2.5 ~ 3.5       |     |                  | 5.5  |     | 8.5  |            |
| 8G4025.0x4.5 | B      | W      | 3.5 ~ 4.5       |     |                  | 6.5  |     | 10.5 |            |
| 8G4025.0x5.5 | B      | W      | 4.5 ~ 5.5       |     |                  | 7.5  |     | 12.0 |            |
| 8G4025.0x6.5 | B      | W      | 5.5 ~ 6.5       |     |                  | 8.5  |     |      |            |
| 8G4025.0x7.5 | B      | W      | 6.5 ~ 7.5       |     |                  | 9.5  |     |      |            |
| 8G4025.0x8.5 | B      | W      | 7.5 ~ 8.5       |     |                  | 10.5 |     |      |            |

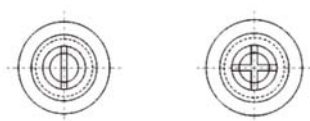
| Insert force |        |        | ≤ 6.0 kgf       |      | Extraction force |     |     |     | ≥ 25.0 kgf |
|--------------|--------|--------|-----------------|------|------------------|-----|-----|-----|------------|
| Order No.    | Colour | Hole-ø | Panel Thickness | "A"  | "B"              | "C" | "D" | "E" |            |
| 8G4025.8x4.0 | B      | W      | 5.9 ~ 6.0       | 12.0 | 2.7              | 6.5 | 5.8 | 9.0 |            |

| Insert force |        |        | ≤ 6.0 kgf       |      | Extraction force |     |     |      | ≥ 30.0 kgf |
|--------------|--------|--------|-----------------|------|------------------|-----|-----|------|------------|
| Order No.    | Colour | Hole-ø | Panel Thickness | "A"  | "B"              | "C" | "D" | "E"  |            |
| 8G4026.0x4.0 | B      | W      | 2.5 ~ 4.0       | 12.0 | 2.5              | 6.0 | 6.0 | 9.0  |            |
| 8G4026.0x5.5 | B      | W      | 4.0 ~ 5.5       |      | 3.0              | 8.0 |     | 10.0 |            |

**Ordering example:** 8G4023.5x2.1B for black  
8G4023.5x2.1W for white



Bottom of the trench



Type 1

Type 2



**Type** flat haed  
**Material** Nylon 6/6 V2 / DMS 801  
**Colour** black / white  
**Unit** mm  
**Standard Pack** 1.000 pcs

Alternative in different colours (from 20.000 pcs) available. Please request separately.

| Type 1       | Insert force |        | ≤ 3.0 kgf       |           | Extraction force |     |     |     | ≥ 8.0 kgf |
|--------------|--------------|--------|-----------------|-----------|------------------|-----|-----|-----|-----------|
| Order No.    | Colour       | Hole-ø | Panel Thickness | "A"       | "B"              | "C" | "D" | "E" |           |
| 8G4032.6x7.0 | B            | W      | 2.7             | 6.0 ~ 7.0 | 6.4              | 0.7 | 8.5 | 2.6 | 10.0      |

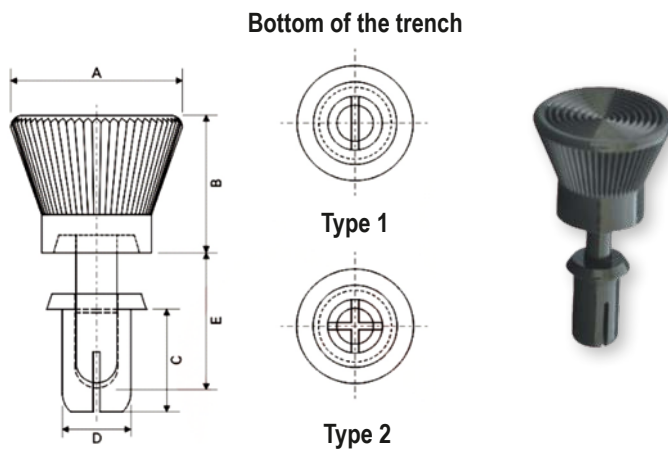
| Type 1       | Insert force |        | ≤ 3.0 kgf       |     | Extraction force |     |     |     | ≥ 8.0 kgf |
|--------------|--------------|--------|-----------------|-----|------------------|-----|-----|-----|-----------|
| Order No.    | Colour       | Hole-ø | Panel Thickness | "A" | "B"              | "C" | "D" | "E" |           |
| 8G4033.0x2.0 | B            | W      | 1.0 ~ 2.0       | 6.4 | 1.0              | 3.5 | 3.0 | 6.5 |           |
| 8G4033.0x3.0 | B            | W      | 2.0 ~ 3.0       |     |                  | 4.5 |     |     |           |
| 8G4033.0x4.0 | B            | W      | 3.0 ~ 4.0       |     |                  | 5.5 |     |     |           |

| Type 1       | Insert force |        | ≤ 3.0 kgf       |     | Extraction force |      |     |      | ≥ 8.0 kgf |
|--------------|--------------|--------|-----------------|-----|------------------|------|-----|------|-----------|
| Order No.    | Colour       | Hole-ø | Panel Thickness | "A" | "B"              | "C"  | "D" | "E"  |           |
| 8G4033.0x5.0 | B            | W      | 4.0 ~ 5.0       | 6.0 | 1.0              | 6.5  | 3.0 | 10.0 |           |
| 8G4033.0x6.0 | B            | W      | 5.0 ~ 6.0       |     |                  | 7.5  |     |      |           |
| 8G4033.0x6.5 | B            | W      | 5.5 ~ 6.5       |     |                  | 8.0  |     |      |           |
| 8G4033.0x7.5 | B            | W      | 6.5 ~ 7.5       |     |                  | 9.0  |     |      |           |
| 8G4033.0x8.5 | B            | W      | 7.5 ~ 8.5       |     |                  | 10.0 |     | 12.0 |           |

| Type 2       | Insert force |   | ≤ 4.0 kgf |                 | Extraction force |     |     | ≥ 12.0 kgf |      |
|--------------|--------------|---|-----------|-----------------|------------------|-----|-----|------------|------|
| Order No.    | Colour       |   | Hole-ø    | Panel Thickness | "A"              | "B" | "C" | "D"        | "E"  |
| 8G4033.5x2.0 | B            | W | 3.6       | 1.0 ~ 2.0       | 6.4              | 1.0 | 3.5 | 3.5        | 6.5  |
| 8G4033.5x3.0 | B            | W |           | 2.0 ~ 3.0       |                  |     | 4.5 |            |      |
| 8G4033.5x4.0 | B            | W |           | 3.0 ~ 4.0       | 6.0              |     | 5.5 |            | 10.0 |
| 8G4033.5x4.5 | B            | W |           | 3.5 ~ 4.5       |                  |     | 6.0 |            |      |
| 8G4033.5x5.5 | B            | W |           | 4.5 ~ 5.5       |                  |     | 7.0 |            |      |
| 8G4033.0x6.5 | B            | W |           | 5.5 ~ 6.5       |                  |     | 8.0 |            |      |

**Ordering example:** 8G4033.0x2.0B for black  
8G4033.0x2.0W for white

# Rivets



**Type** T  
**Material** Nylon 6/6 V2 / DMS 801  
**Colour** black / white  
**Unit** mm  
**Standard Pack** 1.000 pcs

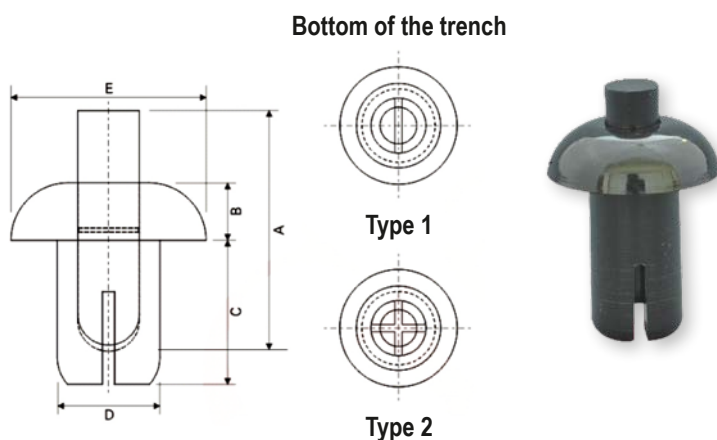
Alternative in different colours (from 20.000 pcs) available. Please request separately.

| Type 1       | Insert force |   | ≤ 3.0 kgf |                 | Extraction force |     |     | ≥ 8.0 kgf |     |
|--------------|--------------|---|-----------|-----------------|------------------|-----|-----|-----------|-----|
| Order No.    | Colour       |   | Hole-ø    | Panel Thickness | "A"              | "B" | "C" | "D"       | "E" |
| 8G4043.0x2.0 | B            | W | 3.1       | 1.0 ~ 2.0       | 10.0             | 8.0 | 3.5 | 3.0       | 6.6 |
| 8G4043.0x3.0 | B            | W |           | 2.0 ~ 3.0       |                  |     | 4.5 |           |     |
| 8G4043.0x4.0 | B            | W |           | 3.0 ~ 4.0       |                  |     | 5.5 |           |     |
| 8G4043.0x5.0 | B            | W |           | 4.0 ~ 5.0       |                  |     | 6.5 |           |     |
| 8G4043.0x6.0 | B            | W |           | 5.0 ~ 6.0       |                  |     | 7.5 |           | 9.0 |
| 8G4033.0x6.5 | B            | W |           | 5.5 ~ 6.5       |                  |     | 8.0 |           |     |

| Type 2       |        | Insert force |        | ≤ 4.0 kgf       |      | Extraction force |     | ≥ 12.0 kgf |     |
|--------------|--------|--------------|--------|-----------------|------|------------------|-----|------------|-----|
| Order No.    | Colour |              | Hole-ø | Panel Thickness | "A"  | "B"              | "C" | "D"        | "E" |
| 8G4043.5x2.0 | B      | W            | 3.6    | 1.0 ~ 2.0       | 10.0 | 8.0              | 3.5 | 3.5        | 6.6 |
| 8G4043.5x3.0 | B      | W            |        | 2.0 ~ 3.0       |      |                  | 4.5 |            |     |
| 8G4043.5x4.0 | B      | W            |        | 3.0 ~ 4.0       |      |                  | 5.5 |            |     |
| 8G4043.5x4.5 | B      | W            |        | 3.5 ~ 4.5       |      |                  | 6.0 |            |     |
| 8G4043.5x5.5 | B      | W            |        | 4.5 ~ 5.5       |      |                  | 7.0 |            | 9.0 |
| 8G4043.5x6.5 | B      | W            |        | 5.5 ~ 6.5       |      |                  | 8.0 |            |     |

| Type 2       |        | Insert force |        | ≤ 4.0 kgf       |      | Extraction force |      | ≥ 20.0 kgf |      |
|--------------|--------|--------------|--------|-----------------|------|------------------|------|------------|------|
| Order No.    | Colour |              | Hole-ø | Panel Thickness | "A"  | "B"              | "C"  | "D"        | "E"  |
| 8G4044.0x3.5 | B      | W            | 4.1    | 2.5 ~ 3.5       | 12.0 | 8.0              | 5.0  | 4.0        | 7.6  |
| 8G4044.0x4.5 | B      | W            |        | 3.5 ~ 4.5       |      |                  | 6.0  |            |      |
| 8G4044.0x5.5 | B      | W            |        | 4.5 ~ 5.5       |      |                  | 7.0  |            | 11.2 |
| 8G4044.0x6.5 | B      | W            |        | 5.5 ~ 6.5       |      |                  | 8.0  |            |      |
| 8G4044.0x7.5 | B      | W            |        | 6.5 ~ 7.5       |      |                  | 9.0  |            |      |
| 8G4044.0x8.5 | B      | W            |        | 7.5 ~ 8.5       |      |                  | 10.0 |            |      |

**Ordering example:** 8G4043.0x2.0B for black  
8G4043.0x2.0W for white



**Type** push rivet  
**Material** Nylon 6/6 V2 / DMS 801  
**Colour** black / white  
**Unit** mm  
**Standard Pack** 1.000 pcs

Alternative in different colours (from 20.000 pcs)  
available. Please request separately.

| Type 1       |        | Insert force |                 | ≤ 3.0 kgf |     | Extraction force |     | ≥ 8.0 kgf |  |
|--------------|--------|--------------|-----------------|-----------|-----|------------------|-----|-----------|--|
| Order No.    | Colour | Hole-Ø       | Panel Thickness | "A"       | "B" | "C"              | "D" | "E"       |  |
| 8G4053.0x3.0 | B W    | 3.1          | 2.0 ~ 3.0       | 8.9       | 2.0 | 4.5              | 3.0 | 5.8       |  |
| 8G4053.0x4.0 | B W    |              | 3.0 ~ 4.0       |           |     | 5.6              |     |           |  |

| Type 2       |        | Insert force |                 | ≤ 4.0 kgf |     | Extraction force |     | ≥ 20.0 kgf |  |
|--------------|--------|--------------|-----------------|-----------|-----|------------------|-----|------------|--|
| Order No.    | Colour | Hole-Ø       | Panel Thickness | "A"       | "B" | "C"              | "D" | "E"        |  |
| 8G4054.0x3.5 | B W    | 4.1          | 2.5 ~ 3.5       | 9.2       | 2.2 | 5.0              | 4.0 | 8.0        |  |
| 8G4054.0x4.5 | B W    |              | 3.5 ~ 4.5       |           |     | 6.0              |     |            |  |

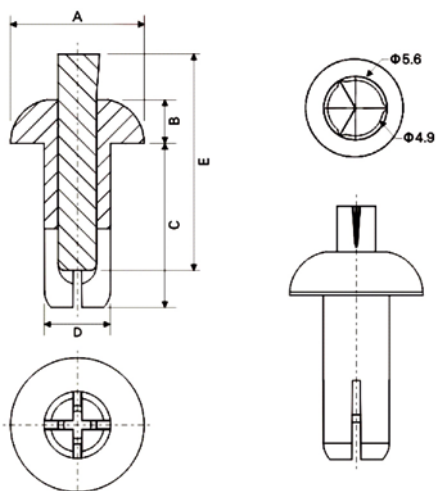
| Order No.    | Colour | Hole-Ø | Panel Thickness | "A"  | "B" | "C" | "D" | "E" |  |
|--------------|--------|--------|-----------------|------|-----|-----|-----|-----|--|
| 8G4054.8x3.0 | B W    | 4.8    | 1.2 ~ 3.0       | 10.4 | 3.3 | 5.1 | 4.8 | 9.9 |  |

| Type 2       |        | Insert force |        | ≤ 5.0 kgf       |      | Extraction force |      | ≥ 25.0 kgf |     |
|--------------|--------|--------------|--------|-----------------|------|------------------|------|------------|-----|
| Order No.    | Colour |              | Hole-ø | Panel Thickness | "A"  | "B"              | "C"  | "D"        | "E" |
| 8G4055.0x3.0 | B      | W            | 5.1    | 2.0 ~ 3.0       | 9,4  | 2.8              | 5.1  | 5.0        | 9.5 |
| 8G4055.0x4.0 | B      | W            |        | 3.0 ~ 4.0       |      |                  | 6.1  |            |     |
| 8G4055.0x5.0 | B      | W            |        | 4.0 ~ 5.0       | 11.4 |                  | 7.1  |            |     |
| 8G4055.0x6.0 | B      | W            |        | 5.0 ~ 6.0       |      |                  | 8.1  |            |     |
| 8G4055.0x7.0 | B      | W            |        | 6.0 ~ 7.0       | 12.4 |                  | 8.9  |            |     |
| 8G4055.0x8.0 | B      | W            |        | 7.0 ~ 8.0       | 13.6 |                  | 10.0 |            |     |

| Type 2       |        | Insert force |                 | ≤ 6.0 kgf |     | Extraction force |     | ≥ 30.0 kgf |  |
|--------------|--------|--------------|-----------------|-----------|-----|------------------|-----|------------|--|
| Order No.    | Colour | Hole-Ø       | Panel Thickness | "A"       | "B" | "C"              | "D" | "E"        |  |
| 8G4056.0x4.0 | B W    | 6.1          | 2.5 ~ 4.0       | 9.4       | 1.5 | 6.1              | 6.0 | 10.9       |  |

**Ordering example:** 8G4053.0x3.0B for black  
8G4053.0x3.0W for white

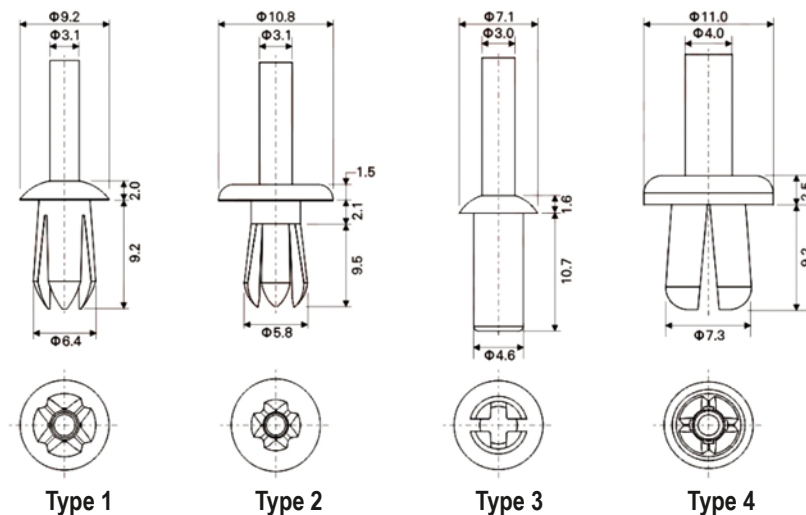
# Rivets



**Type** push rivet  
**Material** Nylon 6/6 V2 / DMS 801  
**Colour** black / white  
**Unit** mm  
**Standard Pack** 1.000 pcs

| Order No.     | Colour |   | "A"  | "B" | "C"  | "D" | "E"  |
|---------------|--------|---|------|-----|------|-----|------|
| 8G4058.4x15.5 | B      | W | 16.4 | 5.0 | 15.5 | 8.4 | 21.0 |
| 8G4058.5x20.8 | B      | W | 17.0 |     | 20.8 | 8.5 | 27.4 |
| 8G4058.5x15.5 | B      | W |      |     | 15.5 |     |      |

**Ordering example:** 8G4058.4x15.5B for black  
8G4058.4x15.5W for white



**Type** push rivet  
**Material** Nylon 6/6 V2 / DMS 801  
**Colour** black / white  
**Unit** mm  
**Standard Pack** 1.000 pcs

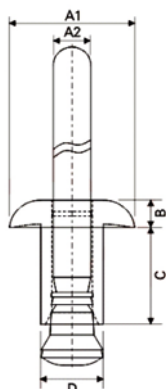


| Type   | Order No.   | Colour |
|--------|-------------|--------|
| Type 1 | 8G406V20679 | B W    |
| Type 2 | 8G406V20685 | B W    |
| Type 3 | 8G406V20819 | B W    |
| Type 4 | 8G406V20678 | B W    |

**Ordering example:** 8G406V20679B for black  
8G406V20679W for white



# Rivets



**Type** clinch rivet  
**Material** Nylon 6 V2 / DMS 811  
**Colour** black / white / grey / tan  
**Unit** mm  
**Standard Pack** 500 pcs  
1.000 pcs

Alternative in different colours available. Please request separately.

Tensile Strength Type: 12 kgf

Shear Strength Type: 12 kgf

| Order No.    | Colour |       |      |     | Hole-Ø | Panel Thickness | "A1" | "A2" | "B" | "C"  | "D" |
|--------------|--------|-------|------|-----|--------|-----------------|------|------|-----|------|-----|
|              | black  | white | grey | tan |        |                 |      |      |     |      |     |
| 8G4073.2x3.5 | -1     | -2    | -3   | -4  | 3.3    | 1.0 ~ 3.5       | 6.4  | 2.1  | 1.4 | 6.4  | 3.2 |
| 8G4073.2x6.5 | -1     | -2    | -3   | -4  |        | 3.5 ~ 6.5       |      |      |     | 9.6  |     |
| 8G4073.2x9.5 | -1     | -2    | -3   | -4  |        | 6.5 ~ 9.5       |      |      |     | 12.7 |     |

Tensile Strength Type: 18 kgf

Shear Strength Type: 25 kgf

| Order No.    | Colour |       |      |     | Hole-Ø | Panel Thickness | "A1" | "A2" | "B" | "C"  | "D" |
|--------------|--------|-------|------|-----|--------|-----------------|------|------|-----|------|-----|
|              | black  | white | grey | tan |        |                 |      |      |     |      |     |
| 8G4074.0x3.5 | -1     | -2    | -3   | -4  | 4.1    | 1.0 ~ 3.5       | 8.0  | 2.4  | 1.8 | 6.4  | 4.0 |
| 8G4074.0x6.5 | -1     | -2    | -3   | -4  |        | 3.5 ~ 6.5       |      |      |     | 9.6  |     |
| 8G4074.0x9.5 | -1     | -2    | -3   | -4  |        | 6.5 ~ 9.5       |      |      |     | 12.7 |     |

Tensile Strength Type: 28 kgf

Shear Strength Type: 40 kgf

| Order No.     | Colour |       |      |     | Hole-Ø | Panel Thickness | "A1" | "A2" | "B" | "C"  | "D" |
|---------------|--------|-------|------|-----|--------|-----------------|------|------|-----|------|-----|
|               | black  | white | grey | tan |        |                 |      |      |     |      |     |
| 8G4074.8x4.5  | -1     | -2    | -3   | -4  | 4.9    | 1.5 ~ 4.5       | 9.6  | 2.8  | 2.0 | 8.0  | 4.8 |
| 8G4074.8x7.5  | -1     | -2    | -3   | -4  |        | 4.5 ~ 7.5       |      |      |     | 11.2 |     |
| 8G4074.8x10.5 | -1     | -2    | -3   | -4  |        | 7.5 ~ 10.5      |      |      |     | 14.4 |     |

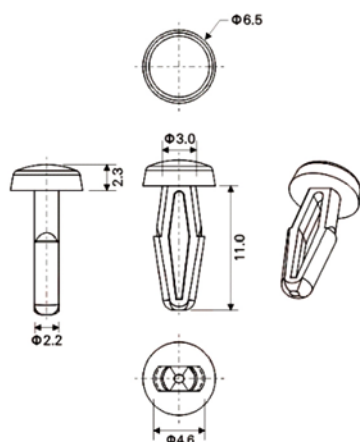
Tensile Strength Type: 40 kgf

Shear Strength Type: 65 kgf

| Order No.     | Colour |       |      |     | Hole-Ø | Panel Thickness | "A1" | "A2" | "B" | "C"  | "D" |
|---------------|--------|-------|------|-----|--------|-----------------|------|------|-----|------|-----|
|               | black  | white | grey | tan |        |                 |      |      |     |      |     |
| 8G4075.6x5.0  | -1     | -2    | -3   | -4  | 5.7    | 2.0 ~ 5.0       | 12.0 | 3.4  | 2.2 | 9.6  | 5.6 |
| 8G4075.6x8.0  | -1     | -2    | -3   | -4  |        | 5.0 ~ 8.0       |      |      |     | 12.7 |     |
| 8G4075.6x11.5 | -1     | -2    | -3   | -4  |        | 8.0 ~ 11.5      |      |      |     | 15.9 |     |

Ordering example: 8G4073.2x3.5-1 for black  
8G4073.2x3.5-2 for white

# Rivets

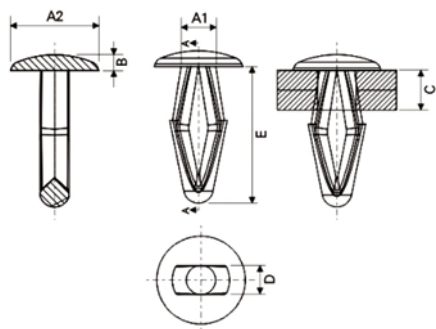


## Fastener button type I

**Material** POM / DMS 804  
**Colour** black / natural  
**Unit** mm  
**Standard Pack** 1.000 pcs

| Order No.   | Colour |   |
|-------------|--------|---|
| 8G414V20656 | B      | N |

Ordering example: 8G414V20656B for black

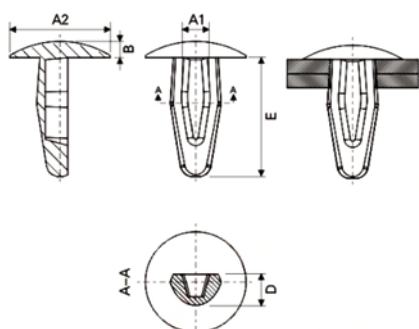


## Fastener button type II

**Material** POM / DMS 804  
**Colour** black / natural  
**Unit** mm  
**Standard Pack** 1.000 pcs

| Order No.      | Colour |   | A1  | A2   | B   | C   | D   | E    |
|----------------|--------|---|-----|------|-----|-----|-----|------|
| 8G4142.9x13.8  | B      | N | 3.5 | 8.9  | 1.6 | 1~5 | 2.9 | 13.8 |
| 8G41413.8x18.0 | B      | N | 4.5 | 12.0 | 2.0 | 6~9 | 3.8 | 18.0 |

Ordering example: 8G4142.9x13.8B for black  
8G4142.9x13.8N for natural



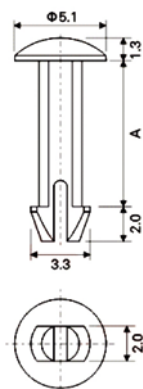
## Fastener button type III

**Material** Nylon 6 V2 / DMS 811  
**Colour** black / natural  
**Unit** mm  
**Standard Pack** 1.000 pcs

| Order No.    | Colour |   | Hole-Ø      | Panel Thickness | A1  | A2    | B    | D   | E    |
|--------------|--------|---|-------------|-----------------|-----|-------|------|-----|------|
| 8G4152.2x2.5 | B      | N | 3.10 ~ 3.22 | 2.0 ~ 2.5       | 2.0 | 7.10  | 1.15 | 2.2 | 8.4  |
| 8G4152.0x4.0 | B      | N | 3.22 ~ 3.58 | 2.9 ~ 4.0       | 2.4 | 10.30 | 1.70 | 2.0 | 11.1 |

Ordering example: 8G4152.2x2.5B for black  
8G4152.2x2.5N for natural

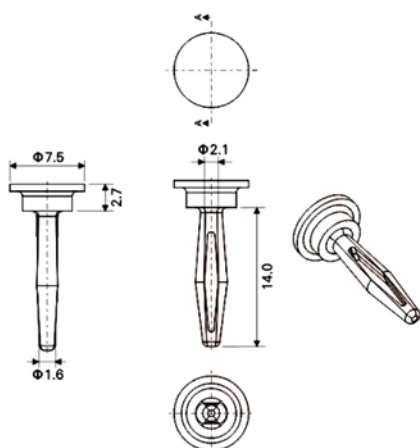
# Rivets



**Snap lock pin**  
**Material**  
**Colour**  
**Unit**  
**Standard Pack**

Nylon 6/6 V2 / DMS 801  
natural  
mm  
1.000 pcs

| Order No.     | Hole- $\phi$ | A     |
|---------------|--------------|-------|
| 8G4162.5x4.5  | 2.5          | 4.50  |
| 8G4162.5x5.6  |              | 5.60  |
| 8G4162.5x6.0  |              | 6.00  |
| 8G4162.5x6.2  |              | 6.22  |
| 8G4162.5x7.8  |              | 7.80  |
| 8G4162.5x8.0  |              | 8.02  |
| 8G4162.5x8.3  |              | 8.38  |
| 8G4162.5x10.5 |              | 10.50 |
| 8G4162.5x16.2 |              | 16.20 |
| 8G4162.5x16.7 |              | 16.76 |
| 8G4162.5x17.8 |              | 17.80 |

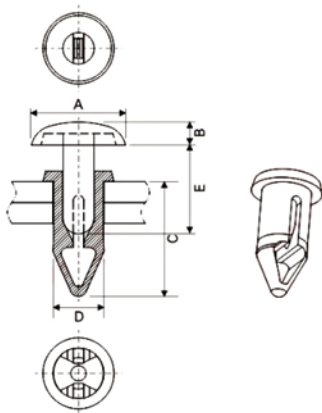


**Fastener button type IV**  
**Material**  
**Colour**  
**Unit**  
**Standard Pack**

POM / DMS 804  
natural  
mm  
1.000 pcs

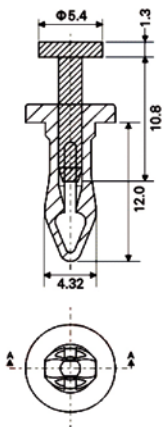
**Order No.**  
8G417V20664

# Rivets



**Type** snap rivet  
**Material** Nylon 6 V2 / DMS 811  
**Colour** black  
**Unit** mm  
**Standard Pack** 2.000 pcs

| Order No.    | "A" | "B" | "C"  | "D" | "E" |
|--------------|-----|-----|------|-----|-----|
| 8G4183.6x6.1 | 6.4 | 1.6 | 9.5  | 3.6 | 6.1 |
| 8G4184.2x7.1 | 8.0 | 1.8 | 10.0 | 4.2 | 7.1 |
| 8G4184.9x8.5 | 9.0 | 2.2 | 11.0 | 4.9 | 8.5 |



**Type** snap rivet  
**Material** Nylon 6 V2 / DMS 811  
**Hole-Ø** 3.6  
**Panel Thickness** 1 ~ 3  
**Colour** black  
**Unit** mm  
**Standard Pack** 2.000 pcs

Order No.

8G419V20677

## General

In the following chapters Expanding Rivet- Fixing Systems for quick installation are presented. The two components snap together and ensure a secure attachment.

| Material     | Flammability Rating | RoHS Compliance | Dremec Material-Spezifikation |
|--------------|---------------------|-----------------|-------------------------------|
| Nylon 6      | V2                  | Yes             | 814                           |
| Polycarbonat | V2                  | Yes             | 812                           |

For more details on material properties please consult the data section (DMS) of the catalogue.

## Colour

Standard colours include black and white. Other colours/ materials upon request.



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## Snap latch

### Styles

### Material

### Colour

### Unit

### Standard Pack

Plunger und Grommet

Plunger = Nylon 6 V2 / DMS 814

Grommet = PC V2 / DMS 812

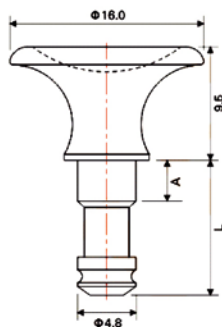
black / white

mm

1.000 pcs



Type 1



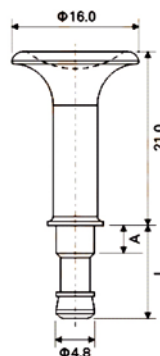
Recommendation: Refer to the grommet table for combinations

### Plunger

| Order No.   | Colour | "L"  | "A" |
|-------------|--------|------|-----|
| 8G701V20536 | B W    | 11.3 | 3.4 |
| 8G701V20540 | B W    | 10.7 | 2.8 |
| 8G701V20542 | B W    | 12.3 | 4.4 |
| 8G701V20545 | B W    | 13.9 | 6.0 |
| 8G701V20547 | B W    | 15.1 | 7.2 |



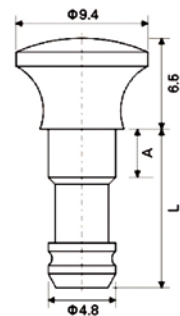
Type 2



| Order No.   | Colour | "L"  | "A" |
|-------------|--------|------|-----|
| 8G701V20644 | B W    | 11.3 | 3.4 |



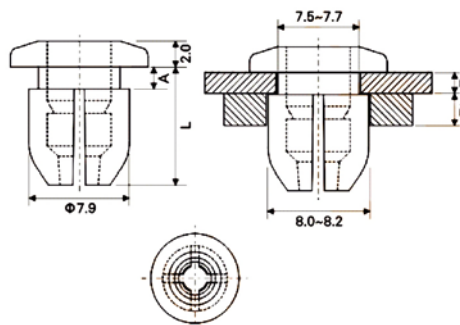
Type 3



| Order No.   | Colour | "L"  | "A" |
|-------------|--------|------|-----|
| 8G701V20514 | B W    | 10.7 | 2.8 |
| 8G701V20516 | B W    | 11.3 | 3.4 |
| 8G701V20519 | B W    | 12.3 | 4.4 |
| 8G701V20522 | B W    | 13.9 | 6.0 |
| 8G701V20524 | B W    | 15.1 | 7.2 |

### Grommet

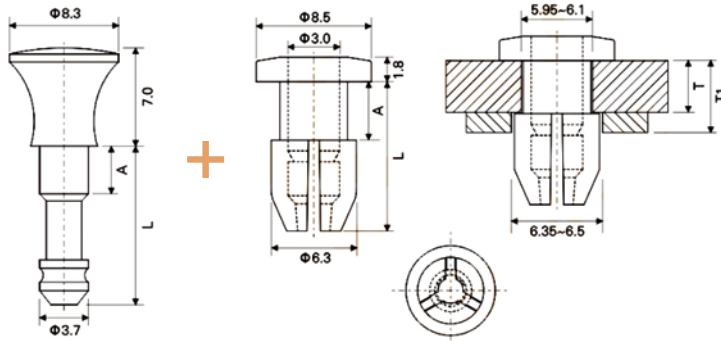
| Order No.   | Colour | "L"  | "A" | "T" | "T1"      |
|-------------|--------|------|-----|-----|-----------|
| 8G701V20496 | B W    | 8.6  | 1.2 | 1.1 | 1.5 ~ 3.7 |
| 8G701V20498 | B W    | 9.0  | 1.7 | 1.6 | 2.0 ~ 4.2 |
| 8G701V20501 | B W    | 10.0 | 2.7 | 2.5 | 3.0 ~ 5.2 |
| 8G701V20504 | B W    | 11.7 | 4.3 | 4.1 | 4.6 ~ 6.9 |
| 8G701V20506 | B W    | 12.9 | 5.5 | 5.3 | 5.8 ~ 8.0 |



Ordering example: 8G701V20536B for black  
8G701V20536W for white

# Snap Latches

## Snap latch



**Styles** Plunger und Grommet  
**Material** Plunger= Nylon 6 V2 / DMS 814  
Grommet = PC V2 / DMS 812  
**Colour** black / white  
**Unit** mm  
**Standard Pack** 1.000 pcs

Recommendation: Refer to table for combinations

### Plunger

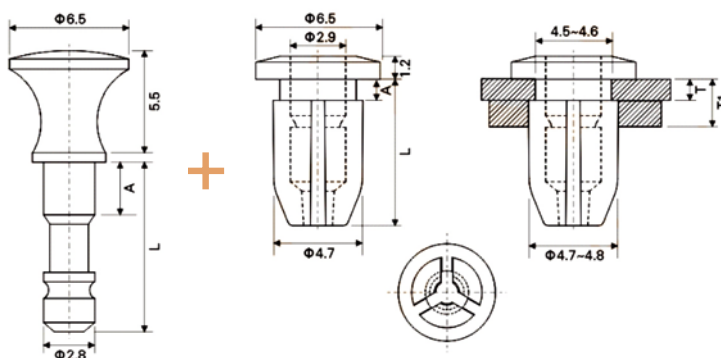
| Order No.     | Colour | "L"  | "A" |
|---------------|--------|------|-----|
| 8G7022.5x10.3 | B W    | 10.3 | 2.5 |
| 8G7023.0x10.8 | B W    | 10.8 | 3.0 |
| 8G7024.0x11.8 | B W    | 11.8 | 4.0 |
| 8G7025.3x13.1 | B W    | 13.1 | 5.3 |

### Grommet

| Order No.     | Colour | "L"  | "A" | "T" | "T1"      |
|---------------|--------|------|-----|-----|-----------|
| 8G7021.2x8.0  | B W    | 8.0  | 1.2 | 1.1 | 1.5 ~ 3.7 |
| 8G7021.7x8.5  | B W    | 8.5  | 1.7 | 1.6 | 2.0 ~ 4.2 |
| 8G7022.7x9.5  | B W    | 9.5  | 2.7 | 2.5 | 3.0 ~ 5.2 |
| 8G7024.3x11.0 | B W    | 11.0 | 4.3 | 4.1 | 4.6 ~ 6.9 |

Ordering example: 8G7022.5x10.3B for black  
8G7022.5x10.3W for white

## Snap latch



**Styles** Plunger und Grommet  
**Material** Plunger= Nylon 6 V2 / DMS 814  
Grommet = PC V2 / DMS 812  
**Colour** black / white  
**Unit** mm  
**Standard Pack** 1.000 pcs

Recommendation: Refer to table for combinations

### Plunger

| Order No.    | Colour | "L" | "A" |
|--------------|--------|-----|-----|
| 8G7032.8x9.1 | B W    | 9.1 | 2.8 |
| 8G7033.3x9.6 | B W    | 9.6 | 3.3 |

### Grommet

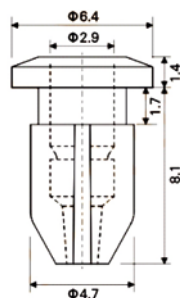
| Order No.    | Colour | "L" | "A" | "T" | "T1"      |
|--------------|--------|-----|-----|-----|-----------|
| 8G7031.1x7.6 | B W    | 7.6 | 1.1 | 1.0 | 2.0 ~ 4.0 |
| 8G7031.6x8.1 | B W    | 8.1 | 1.6 | 1.5 | 2.5 ~ 4.5 |

Ordering example: 8G7032.8x9.1B for black  
8G7032.8x9.1W for white



Technical drawing of a tapered horn antenna. The dimensions are as follows:

- Top diameter:  $\Phi 6.4$
- Horn length: 6.5
- Neck length: 3.3
- Total length: 9.6
- Base diameter:  $\Phi 2.8$



## This image shows a single page from a notebook or ledger. It features ten evenly spaced, thin grey horizontal lines across its entire width. The background is a light cream color, and there are no margins, text, or other markings present.

## General

In the following chapter plastic screws are presented.

## Specification

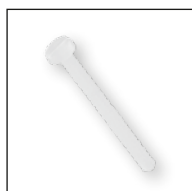
The nylon screws are available in different versions.  
Used for applications requiring an electrical insulation.

| Material  | Flammability Rating | RoHS Compliance | Dremec Material-Spezifikation |
|-----------|---------------------|-----------------|-------------------------------|
| Nylon 6/6 | V2                  | Yes             | 801                           |

For more details on material properties please consult the data section (DMS) of the catalogue.

## Colour

Standard colour is natural.



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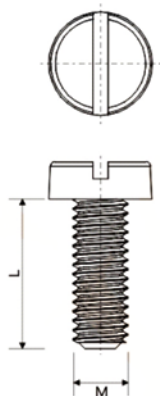


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## Slotted Cheese Head Screw



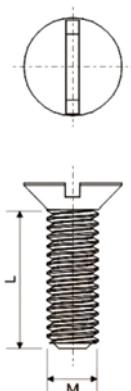
**Cheese head**  
**Thread**  
**Material**  
**Colour**  
**Unit**  
**Standard Pack**

**slotted**  
M2/M2.5/M3/M4/M5/M6  
Nylon 6/6 V2 / DMS 801  
natural  
mm  
1.000 pcs

| Lengths (mm)     | 04 | 04.5 | 05 | 06 | 06.5 | 08 | 10 | 12 | 16 | 20 | 25 | 30 | 35 | 40 | 50 | 60 |
|------------------|----|------|----|----|------|----|----|----|----|----|----|----|----|----|----|----|
| <b>Order No.</b> |    |      |    |    |      |    |    |    |    |    |    |    |    |    |    |    |
| 8G201M2x         | 04 |      | 05 | 06 |      | 08 | 10 | 12 | 16 | 20 | 25 |    |    |    |    |    |
| 8G201M2.5x       |    | 04.5 |    | 06 |      | 08 | 10 | 12 | 16 | 20 | 25 |    |    |    |    |    |
| 8G201M3x         | 04 |      | 05 | 06 |      | 08 | 10 | 12 | 16 | 20 | 25 | 30 | 35 | 40 |    |    |
| 8G201M4x         |    |      |    | 06 |      | 08 | 10 | 12 | 16 | 20 | 25 | 30 |    | 40 |    |    |
| 8G201M5x         |    |      |    | 06 |      | 08 | 10 | 12 | 16 | 20 | 25 | 30 |    | 40 | 50 |    |
| 8G201M6x         |    |      | 05 | 06 | 06.5 | 08 | 10 | 12 | 16 | 20 | 25 | 30 |    | 40 | 50 | 60 |

Ordering example: 8G201M6x60

## Counter Sunk Head Screw



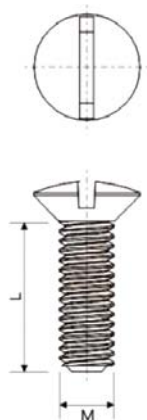
**Counter sunk head**  
**Thread**  
**Material**  
**Colour**  
**Unit**  
**Standard Pack**

**slotted**  
M3/M4/M5/M6  
Nylon 6/6 V2 / DMS 801  
natural  
mm  
1.000 pcs

| Lengths (mm)     | 05 | 06 | 07 | 08 | 10 | 12 | 15 | 16 | 18 | 20 | 25 | 30 | 35 | 40 | 42 | 50 | 60 |
|------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| <b>Order No.</b> |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 8G202M3x         | 05 | 06 |    | 08 |    |    |    | 16 |    | 20 | 25 | 30 |    |    | 42 |    |    |
| 8G202M4x         |    | 06 |    | 08 | 10 | 12 | 15 | 16 |    | 20 | 25 | 30 | 35 |    |    |    |    |
| 8G202M5x         |    |    | 07 | 08 | 10 | 12 | 15 | 16 | 18 | 20 | 25 | 30 | 35 | 40 |    |    |    |
| 8G202M6x         |    |    |    | 08 | 10 | 12 | 15 |    |    | 20 | 25 | 30 |    | 40 |    | 50 | 60 |

Ordering example: 8G202M6x60

## Slotted Counter Sunk Oval Head Screw



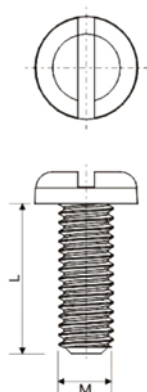
Counter sunk, oval head  
Thread  
Material  
Colour  
Unit  
Standard Pack

slotted  
M3 / M4 / M5 / M6  
Nylon 6/6 V2 / DMS 801  
natural  
mm  
1.000 pcs

| Lengths (mm) | 05 | 06 | 08 | 10 | 12 | 15 | 16 | 18 | 20 | 22 | 25 | 30 | 40 | 50 |
|--------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Order No.    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 8G203M3x     | 05 | 06 | 08 | 10 | 12 |    | 16 |    | 20 |    | 25 |    |    |    |
| 8G203M4x     |    | 06 | 08 | 10 | 12 | 15 |    |    | 20 |    | 25 | 30 |    |    |
| 8G203M5x     |    |    |    | 10 | 12 | 15 | 16 | 18 | 20 |    | 25 | 30 |    |    |
| 8G203M6x     |    |    | 08 | 10 | 12 | 15 |    |    | 20 | 22 | 25 | 30 | 40 | 50 |

Ordering example: 8G203M6x50

## Slotted Pan Head Screw



Pan head  
Thread  
Material  
Colour  
Unit  
Standard Pack

slotted  
M2 / M2.5 / M3 / M4 / M5 / M6  
Nylon 6/6 V2 / DMS 801  
natural  
mm  
1.000 pcs

| Lengths (mm) | 04 | 04.5 | 05 | 06 | 06.5 | 08 | 10 | 12 | 16 | 20 | 25 | 30 | 35 | 40 | 50 | 60 |
|--------------|----|------|----|----|------|----|----|----|----|----|----|----|----|----|----|----|
| Order No.    |    |      |    |    |      |    |    |    |    |    |    |    |    |    |    |    |
| 8G204M2x     | 04 |      | 05 | 06 |      | 08 | 10 | 12 | 16 | 20 | 25 |    |    |    |    |    |
| 8G204M2.5x   |    | 04.5 |    | 06 |      | 08 | 10 | 12 | 16 | 20 | 25 |    |    |    |    |    |
| 8G204M3x     | 04 |      | 05 | 06 |      | 08 | 10 | 12 | 16 | 20 | 25 | 30 | 35 | 40 |    |    |
| 8G204M4x     |    |      |    | 06 |      | 08 | 10 | 12 | 16 | 20 | 25 | 30 |    | 40 |    |    |
| 8G204M5x     |    |      |    | 06 |      | 08 | 10 | 12 | 16 | 20 | 25 | 30 |    | 40 | 50 |    |
| 8G204M6x     |    |      | 05 | 06 | 06.5 | 08 | 10 | 12 | 16 | 20 | 25 | 30 |    | 40 | 50 | 60 |

Ordering example: 8G204M6x60

## Cross Recessed Oval Head Screw



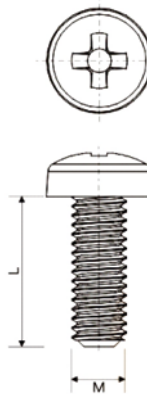
Oval head  
Thread  
Material  
Colour  
Unit  
Standard Pack

cross recessed  
M3 / M4 / M5 / M6  
Nylon 6/6 V2 / DMS 801  
natural  
mm  
1.000 pcs

| Lengths (mm) | 04 | 05 | 06 | 06.5 | 08 | 10 | 12 | 16 | 20 | 25 | 30 | 35 | 40 | 50 | 60 |
|--------------|----|----|----|------|----|----|----|----|----|----|----|----|----|----|----|
| Order No.    |    |    |    |      |    |    |    |    |    |    |    |    |    |    |    |
| 8G205M3x     | 04 | 05 | 06 |      | 08 | 10 | 12 | 16 | 20 | 25 | 30 | 35 | 40 |    |    |
| 8G205M4x     |    |    | 06 |      | 08 | 10 | 12 | 16 | 20 | 25 | 30 |    | 40 |    |    |
| 8G205M5x     |    |    | 06 |      | 08 | 10 | 12 | 16 | 20 | 25 | 30 |    | 40 | 50 |    |
| 8G205M6x     |    | 05 | 06 | 06.5 | 08 | 10 | 12 | 16 | 20 | 25 | 30 |    | 40 | 50 | 60 |

Ordering example: 8G205M6x60

## Cross Pan Head Screw



Pan head  
Thread  
Material  
Colour  
Unit  
Standard Pack

slotted and phillips  
M3 / M4 / M5 / M6 / M8 / M10  
Nylon 6/6 V2 / DMS 801  
natural  
mm  
1.000 pcs

| Lengths (mm) | 04 | 04.5 | 05 | 06 | 06.5 | 08 | 10 | 12 | 16 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 60 |
|--------------|----|------|----|----|------|----|----|----|----|----|----|----|----|----|----|----|----|
| Order No.    |    |      |    |    |      |    |    |    |    |    |    |    |    |    |    |    |    |
| 8G206M2x     | 04 |      | 05 | 06 |      | 08 | 10 | 12 | 16 | 20 | 25 |    |    |    |    |    |    |
| 8G206M2.5x   |    | 04.5 |    | 06 |      | 08 | 10 | 12 | 16 | 20 | 25 |    |    |    |    |    |    |
| 8G206M3x     | 04 |      | 05 | 06 |      | 08 | 10 | 12 | 16 | 20 | 25 | 30 | 35 | 40 |    |    |    |
| 8G206M4x     |    |      |    | 06 |      | 08 | 10 | 12 | 16 | 20 | 25 | 30 |    | 40 |    |    |    |
| 8G206M5x     |    |      |    | 06 |      | 08 | 10 | 12 | 16 | 20 | 25 | 30 |    | 40 |    | 50 |    |
| 8G206M6x     |    |      | 05 | 06 | 06.5 | 08 | 10 | 12 | 16 | 20 | 25 | 30 |    | 40 |    | 50 | 60 |
| 8G206M8x     |    |      |    |    |      |    | 10 | 12 | 16 | 20 | 25 | 30 | 35 | 40 | 45 | 50 |    |
| 8G206M10x    |    |      |    |    |      |    |    |    | 16 | 20 | 25 | 30 |    |    |    |    |    |

Ordering example: 8G206M10x30

## Cross Counter Sunk Head



Counter sunk  
Thread  
Material  
Colour  
Unit  
Standard Pack

slotted and phillips  
M3 / M4 / M5 / M6  
Nylon 6/6 V2 / DMS 801  
natural  
mm  
1.000 pcs

| Lengths (mm) | 05 | 06 | 07 | 08 | 10 | 12 | 15 | 16 | 18 | 20 | 22 | 25 | 30 | 35 | 40 | 42 | 50 | 60 |
|--------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Order No.    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 8G207M3x     | 05 | 06 |    | 08 | 10 | 12 |    | 16 |    | 20 |    | 25 | 30 |    |    | 42 |    |    |
| 8G207M4x     |    | 06 |    | 08 | 10 | 12 | 15 | 16 |    | 20 |    | 25 | 30 | 35 |    |    |    |    |
| 8G207M5x     |    |    | 07 | 08 | 10 | 12 | 15 | 16 | 18 | 20 |    | 25 | 30 | 35 | 40 |    |    |    |
| 8G207M6x     |    |    |    | 08 | 10 | 12 | 15 | 16 |    | 20 | 22 | 25 | 30 |    | 40 |    | 50 | 60 |

Ordering example: 8G207M6x60

## Cross Counter Sunk Oval Head Screw



Counter sunk, oval head  
Thread  
Material  
Colour  
Unit  
Standard Pack

slotted and phillips  
M3 / M4 / M5 / M6  
Nylon 6/6 V2 / DMS 801  
natural  
mm  
1.000 pcs

| Lengths (mm) | 05 | 06 | 07 | 08 | 10 | 12 | 15 | 16 | 18 | 20 | 22 | 25 | 30 | 35 | 40 | 42 | 50 | 60 |
|--------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Order No.    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 8G208M3x     | 05 | 06 |    | 08 | 10 | 12 |    | 16 |    | 20 |    | 25 | 30 |    |    | 42 |    |    |
| 8G208M4x     |    | 06 |    | 08 | 10 | 12 | 15 | 16 |    | 20 |    | 25 | 30 | 35 |    |    |    |    |
| 8G208M5x     |    |    | 07 | 08 | 10 | 12 | 15 | 16 | 18 | 20 |    | 25 | 30 | 35 | 40 |    |    |    |
| 8G208M6x     |    |    |    | 08 | 10 | 12 | 15 | 16 |    | 20 | 22 | 25 | 30 |    | 40 |    | 50 | 60 |

Ordering example: 8G208M6x60

[illegible]



## General

In the following chapter circuit board holders in various styles are presented.  
The materials are glass-filled nylon 6 UL 94, polystyrene PH-60G UL 94, POM acetyl 90-44 UL 94.  
The thread inserts are made of nickel plated brass.

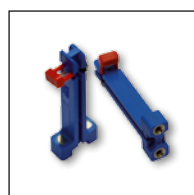
| Material              | Material-number | RoHS Compliance | Dremec Material-Spezifikation |
|-----------------------|-----------------|-----------------|-------------------------------|
| Brass (nickel plated) | 2.0401          | Yes             | 100                           |

| Material  | Flammability Rating | RoHS Compliance | Dremec Material-Spezifikation |
|-----------|---------------------|-----------------|-------------------------------|
| Nylon 6/6 | V2                  | Yes             | 801                           |

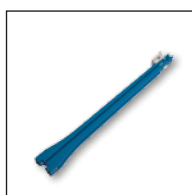
For more details on material properties please consult the data section (DMS) of the catalogue.

## Colour

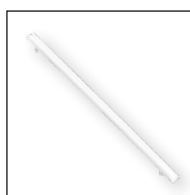
Body colour is blue, locking pin colour is red for type 1 and white for type 2.  
Standard colour for type 3 is natural.



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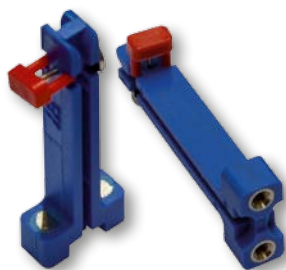


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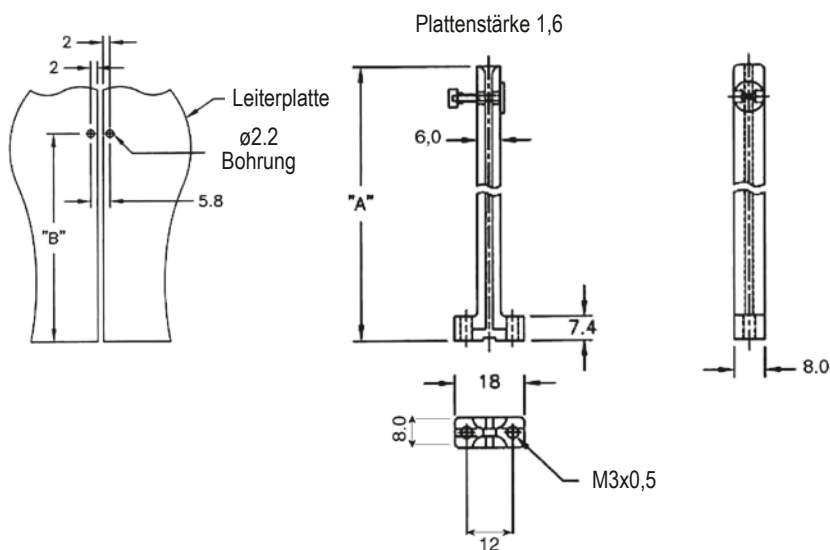
## Type 1



Material Nylon 6 glass filled UL94  
Metall locking pin nickel brass  
Threaded insert M3 x 0,5 nickel brass  
Standard Pack: 100 pcs

Upon request we can supply hardware kit separately.  
Part No.: GSV-Kit 1  
Packaging 1 bag with 3 different bags:  
200 screws M3 3x8 + 200 washers + 200 lockwashers.

| Order No. | A (mm) | B (mm) |
|-----------|--------|--------|
| 8GH01x50  | 50,00  | 42,18  |
| 8GH01x65  | 65,00  | 56,50  |
| 8GH01x90  | 90,00  | 81,50  |
| 8GH01x120 | 120,00 | 112,50 |



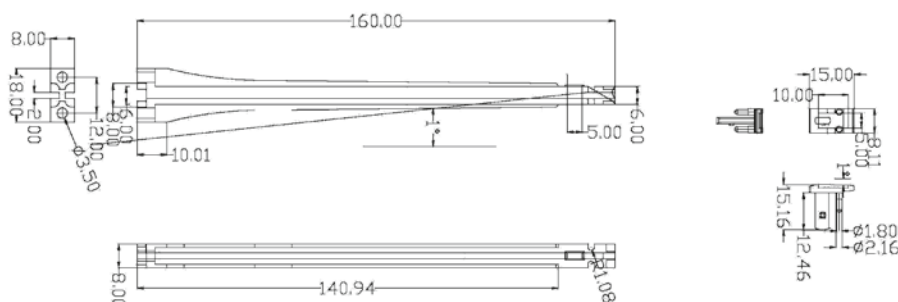
## Type 2



Body material Polystyrene POLYREX® PH-60G UL 94  
Locking pin material POM Acetyl 90-44. UL94  
Threaded insert M3 x 0,5 nickel brass  
Standard Pack: 100 pcs

Upon request we can supply hardware kit separately.  
Part No.: GSV-Kit 1  
Packaging 1 bag with 3 different bags:  
200 screws M3 3x8 + 200 washers + 200 lockwashers.

| Order No. | A (mm) | B (mm) |
|-----------|--------|--------|
| 8GH02x160 | 160,00 | 140,94 |



## Type 3 horizontal



**Material**

**Colour**

**Unit**

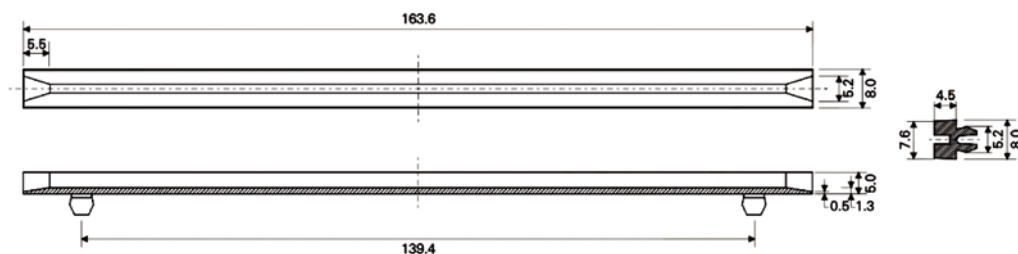
**Standard Pack**

Nylon 6/6 V2/ DMS 801

natural

mm

1.000 pcs



**Order No.**

8GH03V60173

[illegible]

## General

In the following chapter cable ties, cable tie holders and cable management accessories are presented. These are mainly products for the attachment and protection of cables.

| Material  | Flammability Rating | RoHS Compliance | Dremec Material-Spezifikation |
|-----------|---------------------|-----------------|-------------------------------|
| Nylon 6/6 | V2                  | Yes             | 801                           |
| Nylon 6/6 | V0                  | Yes             | 806                           |

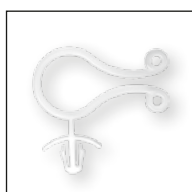
For more details on material properties please consult the data section (DMS) of the catalogue.

## Colour

Standard colour is natural. Other colours/ materials upon request.



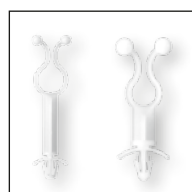
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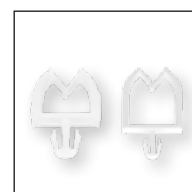
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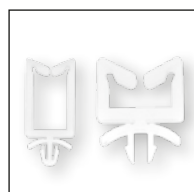
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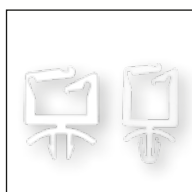
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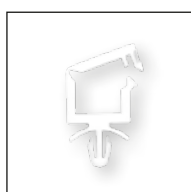
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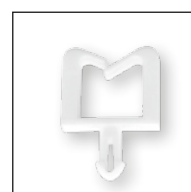
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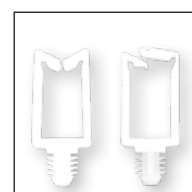
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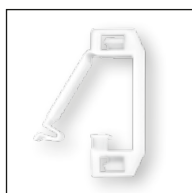
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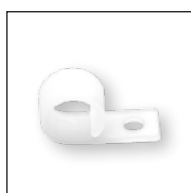
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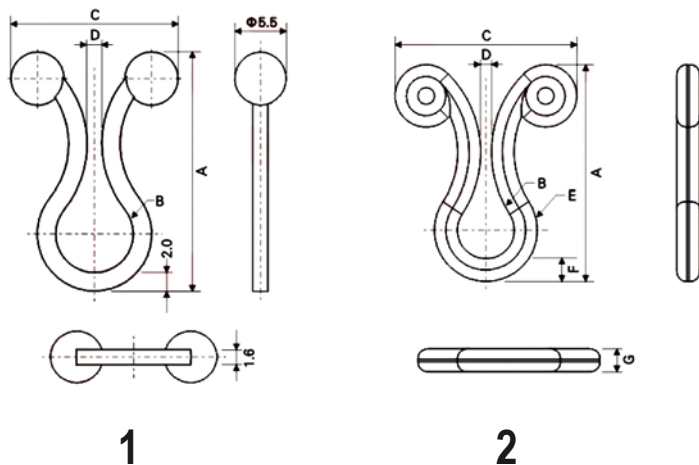


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## Twist Lock



1

2

**Material** Nylon 6/6 V2 / DMS 801  
**Colour** natural  
**Unit** mm  
**Standard Pack** 1.000 pcs



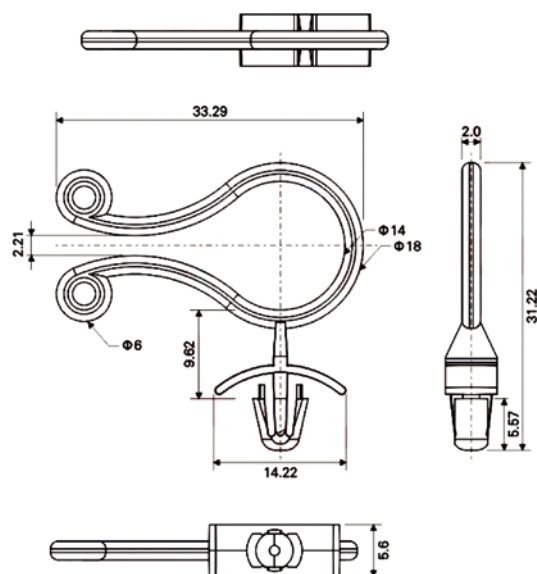
Type 1

| Order No.   | "A"  | "B"   | "C"  | "D" |
|-------------|------|-------|------|-----|
| 8GA02V60236 | 22.9 | 6.35  | 17.9 | 1.5 |
| 8GA02V60237 | 30.5 | 11.40 | 19.0 | 1.5 |

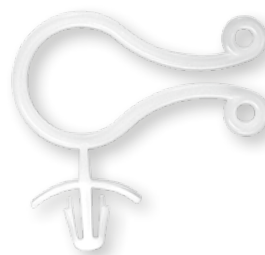
Type 2

| Order No.   | "A"  | "B" | "C"  | "D" | "E" | "F" | "G" |
|-------------|------|-----|------|-----|-----|-----|-----|
| 8GA02V60238 | 12.2 | 3.8 | 9.5  | 0.6 | 3.5 | 1.4 | 1.4 |
| 8GA02V60239 | 20.8 | 5.5 | 17.5 | 1.0 | 6.0 | 2.2 | 2.2 |

## Side Entry Curly Lock



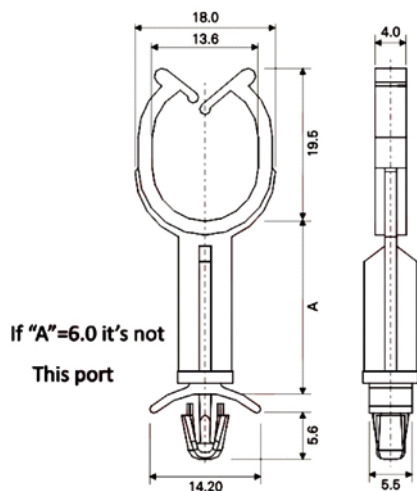
**Type** with snap-lock  
**Material** Nylon 6/6 V2 / DMS 801  
**Colour** natural  
**Hole-Ø**  $4.75 \pm 0.05$  mm  
**Panel Thickness** 1.6 mm  
**Unit** mm  
**Standard Pack** 1.000 pcs



Order No.

8GA03V60318

## Stand-Off Harness Clip



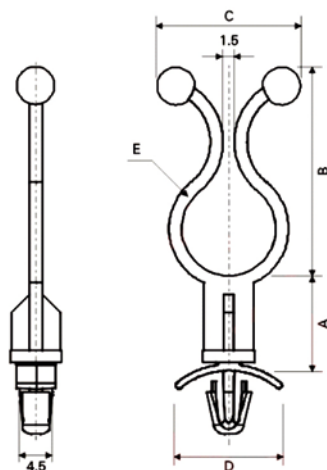
|                 |                        |
|-----------------|------------------------|
| Type            | with snap-lock         |
| Material        | Nylon 6/6 V2 / DMS 801 |
| Colour          | natural                |
| Hole-ø          | 4.75 ± 0.05 mm         |
| Panel Thickness | 1.6 mm                 |
| Unit            | mm                     |
| Standard Pack   | 1.000 pcs              |

| Order No.   | "A" ± 0.4 |
|-------------|-----------|
| 8GA04V60305 | 6.0       |
| 8GA04V60306 | 8.0       |
| 8GA04V60307 | 10.0      |
| 8GA04V60308 | 12.0      |
| 8GA04V60309 | 14.0      |
| 8GA04V60310 | 16.0      |
| 8GA04V60311 | 18.0      |
| 8GA04V60312 | 20.0      |
| 8GA04V60313 | 22.0      |
| 8GA04V60314 | 24.0      |
| 8GA04V60315 | 26.0      |
| 8GA04V60316 | 28.0      |

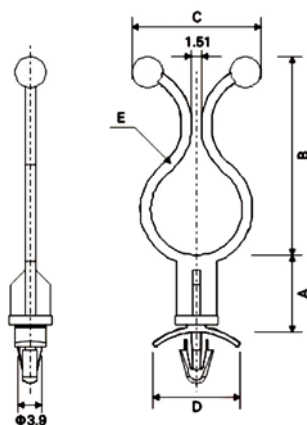
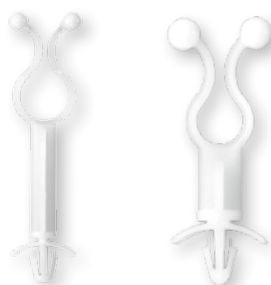


## Stand-Off Twist Lock

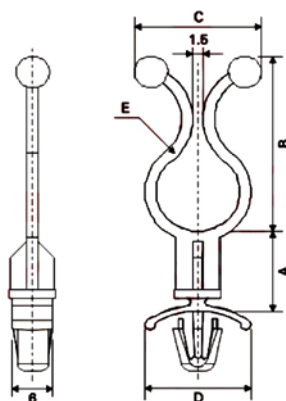
Type with snap-lock  
Material Nylon 6/6 V2 / DMS 801  
Colour natural  
Unit mm  
Standard Pack 1.000 pcs



1



2



3

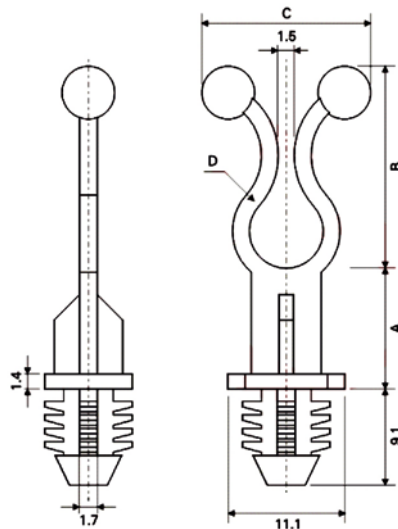
Top Hole  
 $4.75 \pm 0.08$  mm  
Panel Thickness  
0.8 ~ 2.0 mm  
"D" = 14.2  
"B" = 19.1  
"C" = 16.0  
"E" = 7.0

Top Hole  
 $4.0 \pm 0.08$  mm  
Panel Thickness  
0.8 ~ 2.0 mm  
"D" = 14.2  
"B" = 23.1  
"C" = 17.5  
"E" = 10.0

Top Hole  
 $6.0 \pm 0.08$  mm  
Panel Thickness  
0.78 ~ 2.0 mm  
"D" = 15.8  
"B" = 27.7  
"C" = 19.0  
"E" = 12.5

| Order No. Type 1 | Order No. Type 2 | Order No. Type 3 | "A" $\pm 0.4$ |
|------------------|------------------|------------------|---------------|
| 8GA05V60152      | 8GA05V60245      | 8GA05V60285      | 4.8           |
| 8GA05V60153      | 8GA05V60246      | 8GA05V60286      | 12.7          |
| 8GA05V60154      | 8GA05V60247      | 8GA05V60287      | 19.1          |
| 8GA05V60155      | 8GA05V60248      | 8GA05V60288      | 25.4          |
| 8GA05V60156      | 8GA05V60249      | 8GA05V60289      | 31.8          |

## Stand-Off Twist Lock



**Type** for blind hole  
**Material** Nylon 6/6 V2 / DMS 801  
**Colour** natural  
**Unit** mm  
**Standard Pack** 1.000 pcs

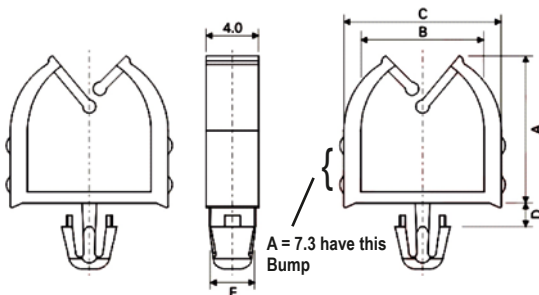
Top Hole  
7.9 ± 0.08 mm  
Panel Thickness  
6.4 mm  
"B" = 19.1  
"C" = 16.0  
"D" = 6.0

Top Hole  
7.9 ± 0.08 mm  
Panel Thickness  
6.4 mm  
"B" = 27.7  
"C" = 19.0  
"D" = 12.5

Top Hole  
7.9 ± 0.08 mm  
Panel Thickness  
6.4 mm  
"B" = 32.5  
"C" = 21.0  
"D" = 15.0

| Order No.   | Order No.   | Order No.   | "A" ± 0.4 |
|-------------|-------------|-------------|-----------|
| 8GA06V60265 | 8GA06V60280 | 8GA06V60295 | 4.8       |
| 8GA06V60266 | 8GA06V60281 | 8GA06V60296 | 12.7      |
| 8GA06V60267 | 8GA06V60282 | 8GA06V60297 | 19.1      |
| 8GA06V60268 | 8GA06V60283 | 8GA06V60298 | 25.4      |
| 8GA06V60269 | 8GA06V60284 | 8GA06V60299 | 31.8      |

## Micro Wire Saddle



**Type** with snap-lock  
**Material** Nylon 6/6 V2 / DMS 801  
Nylon 6/6 V0 / DMS 806  
**Colour** natural  
**Unit** mm  
**Standard Pack** 1.000 pcs



E = 2.9

| Order No.   | "A"  | "B" | "C"  | "D" | Panel Thickness |
|-------------|------|-----|------|-----|-----------------|
| 8GA07V60083 | 7.3  | 6.7 | 9.1  | 1.8 | 1.6             |
| 8GA07V60084 | 9.1  | 8.2 | 10.8 |     |                 |
| 8GA07V60091 | 11.2 | 9.4 | 12.0 |     |                 |
| 8GA07V60092 | 13.0 | 9.4 | 12.0 |     |                 |
| 8GA07V60085 | 7.3  | 6.7 | 9.1  | 2.6 | 2.4             |
| 8GA07V60086 | 9.1  | 8.2 | 10.8 |     |                 |
| 8GA07V60093 | 11.2 | 9.4 | 12.0 |     |                 |
| 8GA07V60094 | 13.0 | 9.4 | 12.0 |     |                 |

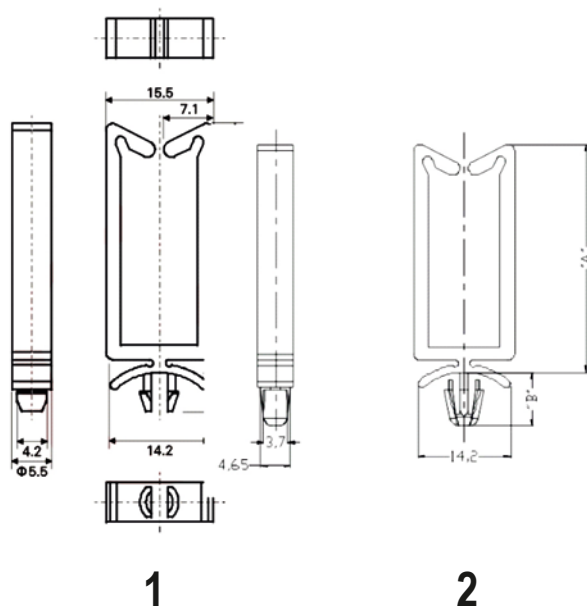
Please add the suffix "VO" to the article No. to specify the variant in VO

E = 3.43

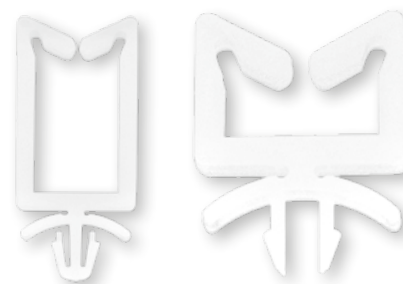
| Order No.   | "A"  | "B" | "C"  | "D" | Panel Thickness |
|-------------|------|-----|------|-----|-----------------|
| 8GA07V60087 | 7.3  | 6.7 | 9.1  | 1.8 | 1.6             |
| 8GA07V60088 | 9.1  | 8.2 | 10.8 |     |                 |
| 8GA07V60095 | 11.2 | 9.4 | 12.0 |     |                 |
| 8GA07V60096 | 13.0 | 9.4 | 12.0 |     |                 |
| 8GA07V60089 | 7.3  | 6.7 | 9.1  | 1.8 | 2.4             |
| 8GA07V60090 | 9.1  | 8.2 | 10.8 |     |                 |
| 8GA07V60097 | 11.2 | 9.4 | 12.0 |     |                 |
| 8GA07V60098 | 13.0 | 9.4 | 12.0 |     |                 |

**Ordering example:** 8GA07V60083 for V2  
8GA07V60083VO for VO

## Wire Saddle, Arrowhead Mount

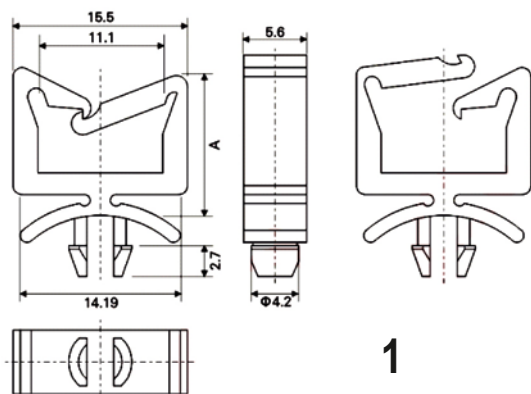


Type with snap-lock  
Material Nylon 6/6 V2 / DMS 801  
Colour natural  
Hole- $\varnothing$   $4.75 \pm 0.08$  mm  
Unit mm  
Standard Pack 1.000 pcs

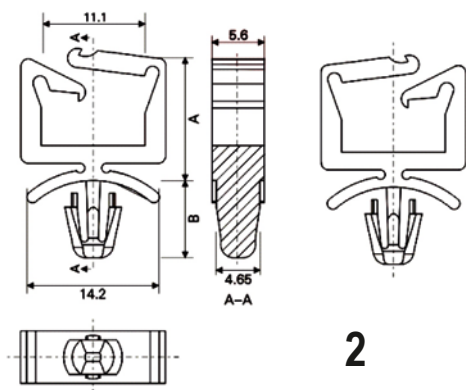


| Panel Thickness<br>1.6 mm | Panel Thickness<br>1.6 mm<br>"B" = 8.2 | Panel Thickness<br>3.2 mm<br>"B" = 9.8 |               |
|---------------------------|----------------------------------------|----------------------------------------|---------------|
| Order No. Type 1          | Order No. Type 2                       | Order No. Type 2                       | "A" $\pm 0.4$ |
| 8GA09V60115               | 8GA09V60119                            | 8GA09V60126                            | 13.0          |
| 8GA09V60116               | 8GA09V60120                            | 8GA09V60127                            | 18.0          |
| 8GA09V60117               | 8GA09V60122                            | 8GA09V60128                            | 26.9          |
| 8GA09V60118               | 8GA09V60124                            | 8GA09V60129                            | 34.8          |

## Locking Wire Saddle, Arrowhead Mount

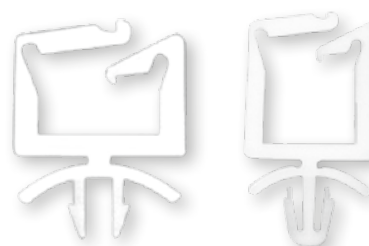


1



2

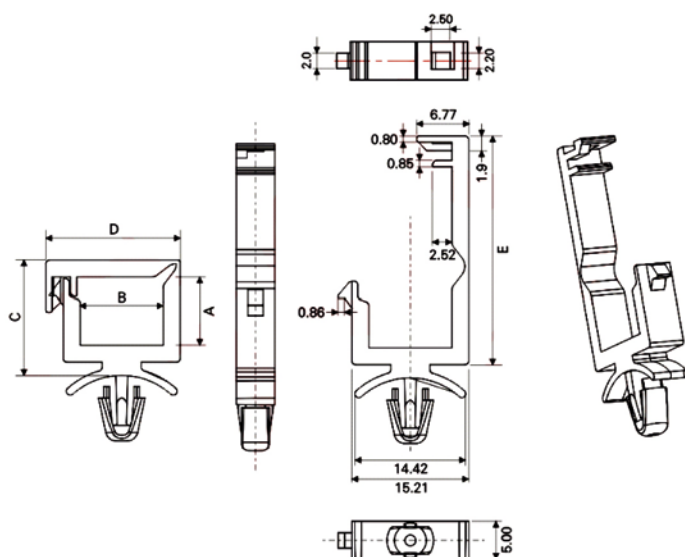
Type with snap-lock  
Material Nylon 6/6 V2 / DMS 801  
Colour natural  
Hole-ø 4.75 ± 0.08 mm  
Unit mm  
Standard Pack 1.000 pcs



Panel Thickness 1.6 mm  
Panel Thickness 1.6 mm "B" = 5.37  
Panel Thickness 3.2 mm "B" = 8.27

| Order No. Type 1 | Order No. Type 2 | Order No. Type 2 | "A" ± 0.4 |
|------------------|------------------|------------------|-----------|
| 8GA10V60130      | 8GA10V60134      | 8GA10V60138      | 13.0      |
| 8GA10V60131      | 8GA10V60135      | 8GA10V60139      | 18.0      |
| 8GA10V60132      | 8GA10V60136      | 8GA10V60140      | 27.2      |
| 8GA10V60133      | 8GA10V60137      | 8GA10V60141      | 35.1      |

## Wire Saddle, Locking Top

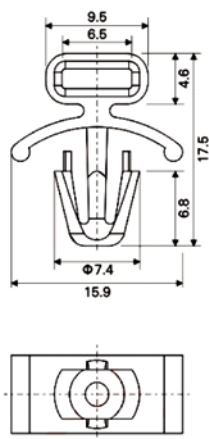


Type with snap-lock  
Material Nylon 6/6 V2 / DMS 801  
Colour natural  
Hole-ø & Panel Thickness ø 4.8 ± 0.1 mm 1.57 mm  
Unit mm  
Standard Pack 1.000 pcs



| Order No.   | "A" | "B"  | "C"  | "D"  | "E"  |
|-------------|-----|------|------|------|------|
| 8GA12V60230 | 4.8 | 10.7 | 10.6 | 16.8 | 25.5 |
| 8GA12V60231 | 8.8 | 10.7 | 14.6 | 16.8 | 29.7 |

## Flat Tie Holder, Arrowhead

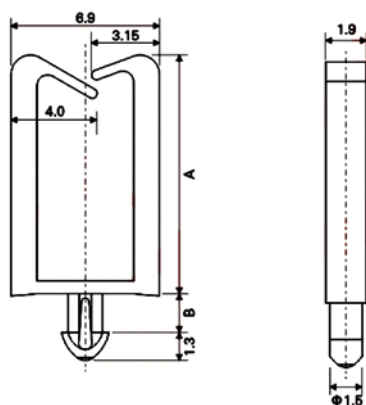


### Order No.

8GA14V60317

|                 |                              |
|-----------------|------------------------------|
| Type            | with snap-lock<br>releasable |
| Material        | Nylon 6/6 V0 / DMS 806       |
| Colour          | natural                      |
| Hole-ø          | ø 6.35                       |
| Panel Thickness | 1.99 ~ 2.77 mm               |
| Unit            | mm                           |
| Standard Pack   | 1.000 pcs                    |

## Micro Wire Saddle



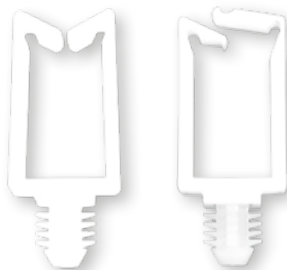
|               |                                                  |
|---------------|--------------------------------------------------|
| Type          | with snap-lock                                   |
| Material      | Nylon 6/6 V2 / DMS 801<br>Nylon 6/6 V0 / DMS 806 |
| Colour        | natural                                          |
| Hole-ø        | 1.75 ± 0.05 mm                                   |
| Unit          | mm                                               |
| Standard Pack | 1.000 pcs                                        |

| Order No.   | "A"  | "B"  | Panel Thickness |
|-------------|------|------|-----------------|
| 8GA16V60075 | 5.8  | 1.70 | 1.57            |
| 8GA16V60076 | 11.2 | 1.70 | 1.60            |
| 8GA16V60077 | 11.2 | 2.30 | 2.20            |
| 8GA16V60078 | 5.8  | 2.45 | 2.36            |

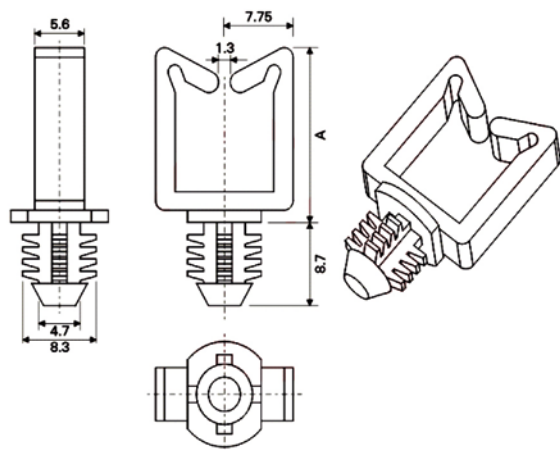
Please add the suffix "VO" to the article No. to specify the variant in VO

**Ordering example:** 8GA16V60075 for V2  
8GA16V60075VO for VO

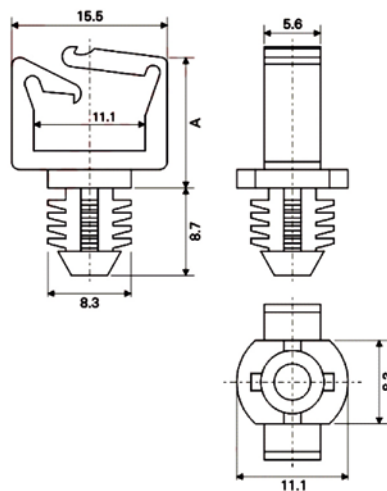
## Wire Saddle with Blind Hole Mount



Type for blind hole  
Material Nylon 6/6 V2 / DMS 801  
Colour natural  
Unit mm  
Standard Pack 1.000 pcs



1



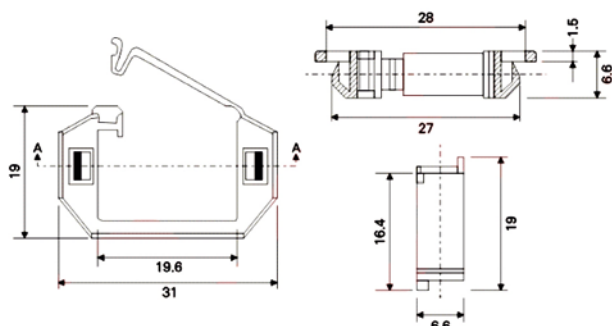
2

Hole  
7.9 ± 0.08 mm  
Panel Thickness  
6.4 mm

Hole  
7.9 ± 0.08 mm  
Panel Thickness  
6.4 mm

| Order No. Type 1 | Order No. Type 2 | "A" ± 0.4 |
|------------------|------------------|-----------|
| 8GA17V60070      | 8GA17V60232      | 13.0      |
| 8GA17V60071      | 8GA17V60233      | 18.3      |
| 8GA17V60072      | 8GA17V60234      | 27.2      |
| 8GA17V60073      | 8GA17V60235      | 35.6      |

## Hinged Edge Wire Saddle



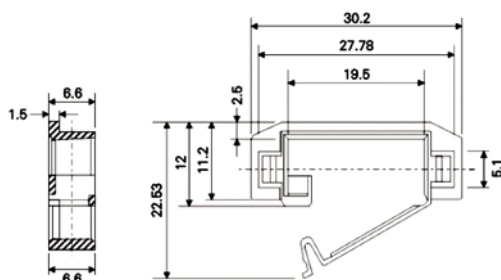
| Order No.   | Colour |
|-------------|--------|
| 8GA18V60371 | N   R  |

Ordering example: 8GA18V60371N for natural

|               |                        |
|---------------|------------------------|
| Material      | Nylon 6/6 V2 / DMS 801 |
| Colour        | natural / red          |
| Unit          | mm                     |
| Standard Pack | 1.000 pcs              |



## Hinged Edge Wire Saddle

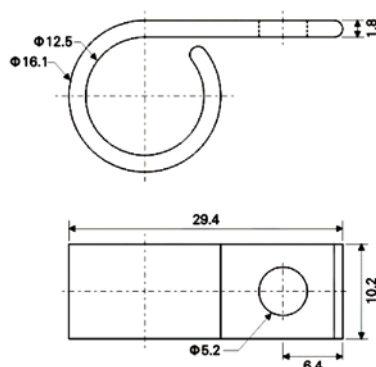


| Order No.   |
|-------------|
| 8GA19V60060 |

|               |                        |
|---------------|------------------------|
| Material      | Nylon 6/6 V2 / DMS 801 |
| Colour        | natural                |
| Unit          | mm                     |
| Standard Pack | 1.000 pcs              |



## Wire Harness Clamps



| Order No.   |
|-------------|
| 8GA20V60337 |

|               |                        |
|---------------|------------------------|
| Material      | Nylon 6/6 V2 / DMS 801 |
| Colour        | natural                |
| Unit          | mm                     |
| Standard Pack | 1.000 pcs              |





## General

In the following chapter cable ties, cable tie mounts, cable tie holders, cable tie bases, cable ties with Arrowhead and mounting bases are presented.

The cable tie can be easily bent by hand due to the angled tip. They are made of plastic and can be recycled.

The cable tie bases and fastening supports in combination with the standard cable ties allow for individual mounting systems to be put together.

| Material  | Flammability Rating | RoHS Compliance | Dremec Material-Spezifikation |
|-----------|---------------------|-----------------|-------------------------------|
| Nylon 6/6 | V2                  | Yes             | 801                           |

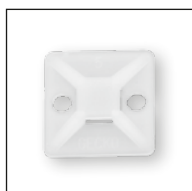
For more details on material properties please consult the data section (DMS) of the catalogue.

## Colour

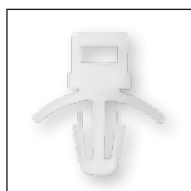
Standard colour is natural. Other colours/ materials upon request.



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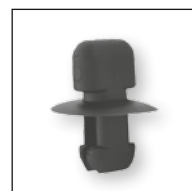
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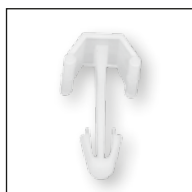
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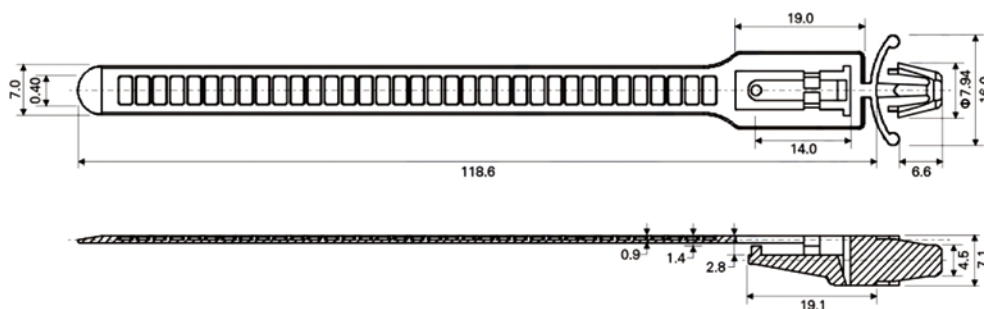


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## Tie on Arrowhead – releasable –

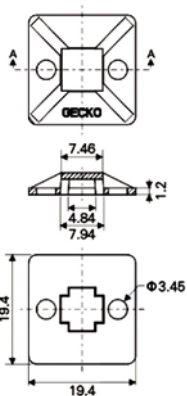


|                 |                        |
|-----------------|------------------------|
| Material        | Nylon 6/6 V2 / DMS 801 |
| Colour          | natural                |
| Hole-ø          | 6.35 mm                |
| Panel Thickness | 1.6 mm                 |
| Max. Bundle ø   | 30 mm                  |
| Unit            | mm                     |
| Standard Pack   | 1.000 pcs              |



Order No.  
8G902V60051

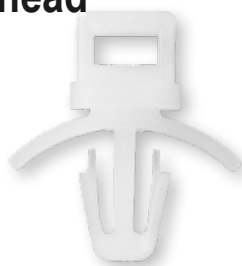
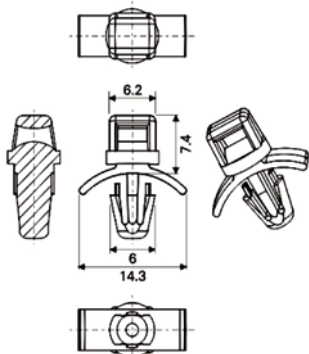
## Flat Tie Holder



Order No.  
8G904V60074

|               |                        |
|---------------|------------------------|
| Material      | Nylon 6/6 V2 / DMS 801 |
| Colour        | natural                |
| Unit          | mm                     |
| Standard Pack | 1.000 pcs              |

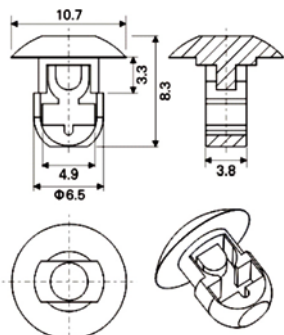
## Flat Tie Holder, Arrowhead



Order No.  
8G905V60181

|                 |                        |
|-----------------|------------------------|
| Type            | with snap-lock         |
| Material        | Nylon 6/6 V2 / DMS 801 |
| Colour          | natural                |
| Hole-ø          | 4.75 ± 0.08 mm         |
| Panel Thickness | 0.79 ~ 1.98 mm         |
| Unit            | mm                     |
| Standard Pack   | 1.000 pcs              |

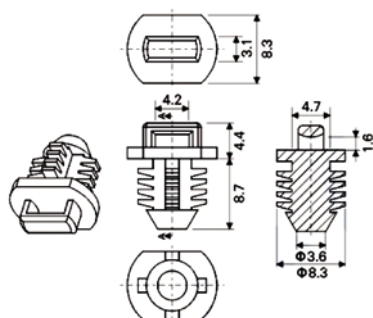
## Flat Tie Holder



Order No.  
8G906V60510

**Material** Nylon 6/6 V2 / DMS 801  
**Colour** natural  
**Hole-ø** 6.35 mm  
**Panel Thickness** 3.18 mm  
**Standard Pack** 1.000 pcs

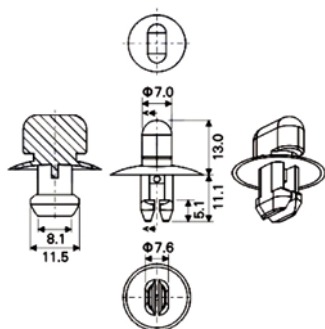
## Flat Tie Holder, Blind Hole



Order No.  
8G907V60063

**Type** for blind hole  
**Material** Nylon 6/6 V2 / DMS 801  
**Colour** natural  
**Hole-ø**  $7.92 \pm 0.08$  mm  
**Panel Thickness** 6.4 mm Min  
**Unit** mm  
**Standard Pack** 1.000 pcs

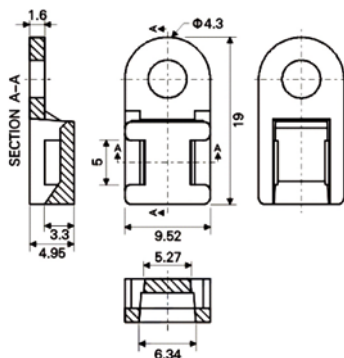
## Flat Tie Holder



Order No.  
8G908V60180

**Material** Nylon 6/6 V2 / DMS 801  
**Colour** natural  
**Unit** mm  
**Standard Pack** 1.000 pcs

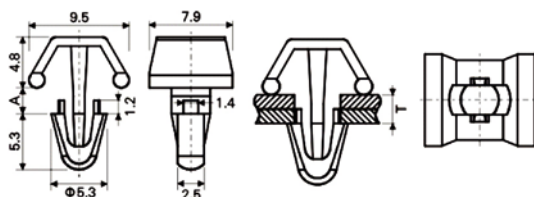
## Flat Tie Holder



Order No.  
8G911V60338

**Material** Nylon 6/6 V2 / DMS 801  
**Colour** natural  
**Unit** mm  
**Standard Pack** 1.000 pcs

## Mounting Button



**Material** Nylon 6/6 V2 / DMS 801  
**Colour** natural  
**Hole-Ø**  $\varnothing 4 \pm 0.08$  mm  
**Unit** mm  
**Standard Pack** 1.000 pcs

| Order No.      | "A"  | "T"         |
|----------------|------|-------------|
| 8G9130.8x2.4   | 0.8  | 0.8 ~ 2.4   |
| 8G9132.1x4.0   | 2.1  | 2.4 ~ 4.0   |
| 8G9134.8x5.6   | 4.8  | 4.8 ~ 5.6   |
| 8G9135.6x7.1   | 5.6  | 5.6 ~ 7.1   |
| 8G9137.9x9.5   | 7.9  | 7.9 ~ 9.5   |
| 8G9139.5x11.1  | 9.5  | 9.5 ~ 11.1  |
| 8G91311.1x12.7 | 11.1 | 11.1 ~ 12.7 |
| 8G91312.7x14.3 | 12.7 | 12.7 ~ 14.3 |
| 8G91314.3x15.9 | 14.3 | 14.3 ~ 15.9 |

## General

In the following chapter cable holder and cable management, PCB Support Post and PSE support post (to prevent a curvature of circuit boards) is presented.

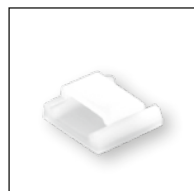
With double-sided adhesive tape.

| Material                                         | Flammability Rating | RoHS Compliance | Dremec Material-Spezifikation |
|--------------------------------------------------|---------------------|-----------------|-------------------------------|
| Nylon 6/6                                        | V2                  | Yes             | 801                           |
| Nylon 6/6                                        | V0                  | Yes             | 806                           |
| Acrylic adhesive / Urethane foam tape / PE liner | not rated           | Yes             | 807                           |
| Acrylic adhesive / Polyethylene foam tape        | not rated           | Yes             | 819                           |
| Acrylic adhesive / Urethane foam tape / PE liner | not rated           | Yes             | 805                           |

For more details on material properties please consult the data section (DMS) of the catalogue.

## Colour

Standard colour is natural. Other colours/ materials upon request.



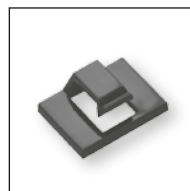
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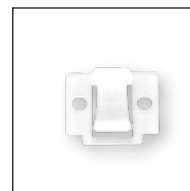
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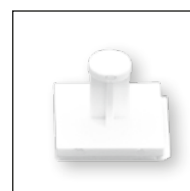
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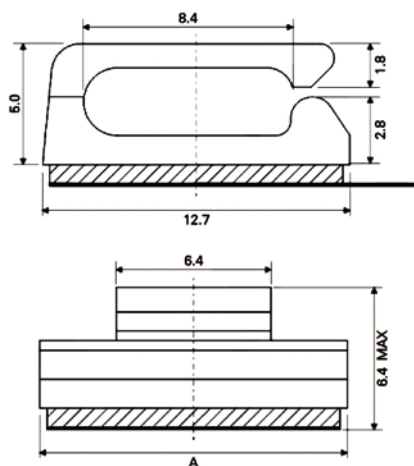


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## Side Entry Micro Wire Saddle – on adhesive base –

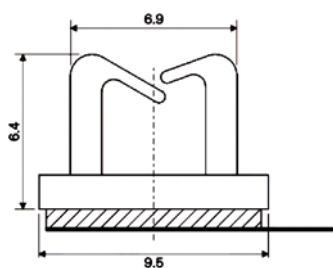


| Order No.   | "A" ± 0.4 | Adhesive size |
|-------------|-----------|---------------|
| 8GB01V60193 | 12.7      | 12.7*12.7*0.8 |
| 8GB01V60194 | 9.5       | 12.7*9.5*0.8  |

|               |                        |
|---------------|------------------------|
| Adhesive tape | DMS 807                |
| Material      | Nylon 6/6 V2 / DMS 801 |
| Colour        | natural                |
| Unit          | mm                     |
| Standard Pack | 1.000 pcs              |

Alternative as V0 (Nylon 6/6 DMS 806) available.  
Please request separately.

## Micro Wire Saddle – on adhesive base –

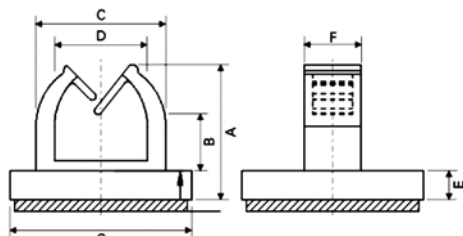


|               |                        |
|---------------|------------------------|
| Adhesive tape | DMS 807                |
| Material      | Nylon 6/6 V2 / DMS 801 |
| Colour        | natural                |
| Unit          | mm                     |
| Standard Pack | 1.000 pcs              |
| Adhesive size | 9.5*9.5*0.8            |

Alternative as V0 (Nylon 6/6 DMS 806) available.  
Please request separately.

| Order No.   |
|-------------|
| 8GB02V60195 |

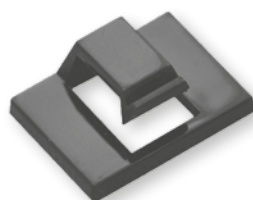
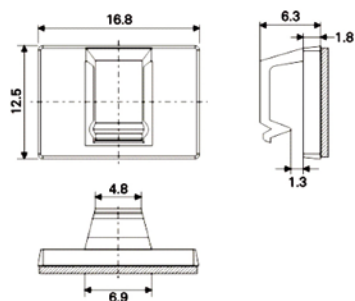
## Micro Wire Saddle – on adhesive base –



**Adhesive tape** DMS 807  
**Material** Nylon 6/6 V2 / DMS 801  
**Colour** natural  
**Unit** mm  
**Standard Pack** 1.000 pcs

Alternative as V0 (Nylon 6/6 DMS 806) available.  
Please request separately.

| Order No.   | Adhesive size | "A"  | "B" | "C"  | "D" | "E" | "F" | "G"  |
|-------------|---------------|------|-----|------|-----|-----|-----|------|
| 8GB03V60198 | 12.7*12.7*0.8 | 4.2  | 1.0 | 7.1  | 4.6 | 1.5 | 2.0 | 9.4  |
| 8GB03V60199 |               | 6.0  | 2.8 |      |     |     |     |      |
| 8GB03V60200 |               | 7.4  | 3.2 | 9.1  | 6.4 | 2.0 | 4.0 | 12.7 |
| 8GB03V60201 |               | 9.1  | 4.1 |      |     |     |     |      |
| 8GB03V60202 |               | 11.3 | 6.1 | 11.9 | 8.9 |     |     |      |
| 8GB03V60203 |               | 12.9 | 7.6 |      |     |     |     |      |

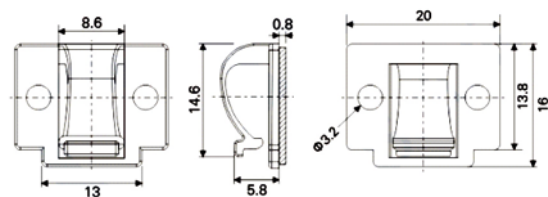


**Adhesive tape** DMS 819  
**Material** Nylon 6/6 V2 / DMS 801  
**Colour** natural  
**Unit** mm  
**Standard Pack** 1.000 pcs

Alternative as V0 (Nylon 6/6 DMS 806) available.  
Please request separately.

### Order No.

8GB04V60144



**Adhesive tape** DMS 819  
**Material** Nylon 6/6 V2 / DMS 801  
**Colour** natural  
**Unit** mm  
**Standard Pack** 1.000 pcs

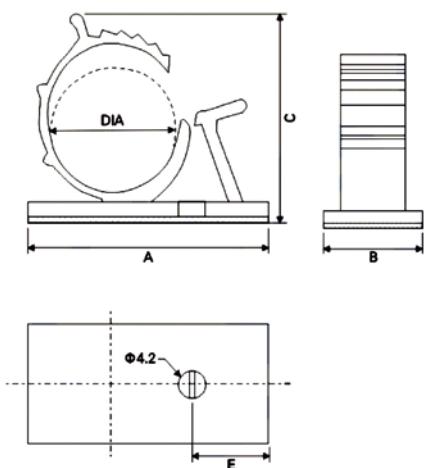
Alternative as V0 (Nylon 6/6 DMS 806) available.  
Please request separately.

### Order No.

8GB05V60321



## Adjustable Clip – on adhesive base –

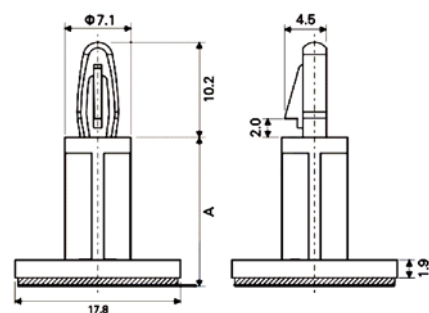


**Adhesive tape** DMS 805  
**Material** Nylon 6/6 V2 / DMS 801  
**Colour** natural  
**Unit** mm  
**Standard Pack** 1.000 pcs

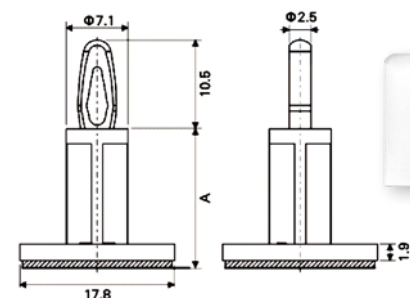
Alternative as V0 (Nylon 6/6 DMS 806) available.  
Please request separately.

| Order No.   | Adhesive size | "A"  | "B"  | "C"  | Clip width | "E"  | "Ø"         |
|-------------|---------------|------|------|------|------------|------|-------------|
| 8GB06V60182 | 25.4*19.0*0.8 | 25.4 | 19.1 | 22.0 | 10.2       | 9.0  | 7.0 ~ 10.3  |
| 8GB06V60183 | 31.5*19.0*0.8 | 31.5 |      | 27.7 |            | 10.0 | 11.9 ~ 14.3 |
| 8GB06V60184 | 38.1*19.0*0.8 | 38.1 | 25.4 | 32.8 | 12.7       | 12.0 | 14.7 ~ 19.1 |
| 8GB06V60185 | 50.5*25.0*0.8 | 50.5 |      | 44.5 |            | 16.0 | 22.2 ~ 25.4 |

## Circuit Board Support on Base



1



2

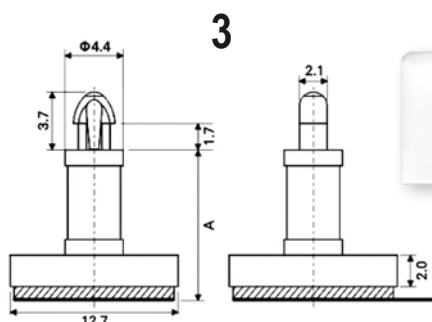
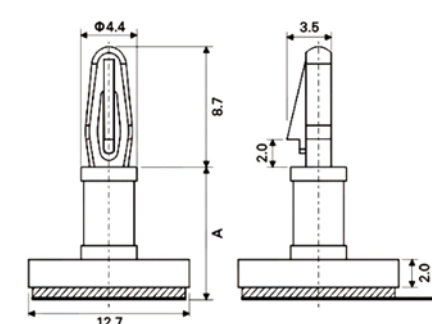


Hole-Ø  
4.0 ± 0.05 mm  
Panel Thickness  
1.6 mm

Hole-Ø  
4.0 ± 0.05 mm  
Panel Thickness  
1.6 mm

| Order No. Type 1 | Order No. Type 2 | "A" ± 0.4 | Adhesive size |
|------------------|------------------|-----------|---------------|
| 8GB07V40992      | 8GB07V41001      | 4.8       | 17.0x17.0x0.8 |
| 8GB07V40993      | 8GB07V41002      | 6.4       |               |
| 8GB07V40994      | 8GB07V41003      | 9.5       |               |
| 8GB07V40995      | 8GB07V41004      | 12.7      |               |
| 8GB07V40996      | 8GB07V41005      | 15.9      |               |
| 8GB07V40997      | 8GB07V41006      | 19.1      |               |
| 8GB07V40998      | 8GB07V41007      | 22.2      |               |
| 8GB07V40999      | 8GB07V41008      | 25.4      |               |
| 8GB07V41000      | 8GB07V41009      | 28.6      |               |

## Circuit Board Support on Base



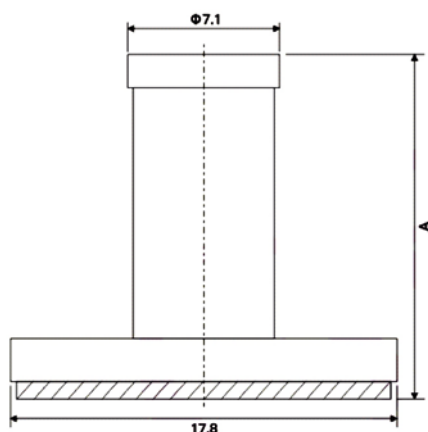
Hole- $\varnothing$   
3.18  $\pm$  0.05 mm  
Panel Thickness  
1.57 mm

Hole- $\varnothing$   
2.54  $\pm$  0.05 mm  
Panel Thickness  
1.63 mm

| Order No. Type 3 | Order No. Type 4 | "A" $\pm$ 0.4 | Adhesive size |
|------------------|------------------|---------------|---------------|
| 8GB07V41018      | 8GB07V41024      | 4.8           | 12.7x12.7x0.8 |
| 8GB07V41019      | 8GB07V41025      | 6.4           |               |
| 8GB07V41020      | 8GB07V41026      | 9.5           |               |
| 8GB07V41021      | 8GB07V41027      | 11.1          |               |
| 8GB07V41022      | 8GB07V41028      | 12.7          |               |
| 8GB07V41023      | 8GB07V41029      | 15.9          |               |

Adhesive tape DMS 807  
Material Nylon 6/6 V2 / DMS 801  
Colour natural  
Unit mm  
Standard Pack 1.000 pcs

## Push Spacer – on adhesive base –



Adhesive tape DMS 807  
Material Nylon 6/6 V2 / DMS 801  
Colour natural  
Unit mm  
Standard Pack 1.000 pcs



| Order No.   | "A"  | Adhesive size |
|-------------|------|---------------|
| 8GB08V41254 | 6.0  | 17.0x17.0x0.8 |
| 8GB08V41255 | 8.0  |               |
| 8GB08V41256 | 10.0 |               |
| 8GB08V41257 | 12.0 |               |
| 8GB08V41258 | 14.0 |               |
| 8GB08V41259 | 16.0 |               |

[illegible]

## General

In the following chapter housing feet with rivets are presented.

| Material     | Flammability Rating | RoHS Compliance | Dremec Material-Spezifikation |
|--------------|---------------------|-----------------|-------------------------------|
| Nylon 6/6    | V2                  | Yes             | 801                           |
| Nylon 6/6    | V0                  | Yes             | 806                           |
| TPV          | HB                  | Yes             | 815                           |
| POM (Acetal) | HB                  | Yes             | 809                           |
| TPR          | HB                  | Yes             | 810                           |
| PP           | HB                  | Yes             | 821                           |

For more details on material properties please consult the data section (DMS) of the catalogue.

## Colour

Standard colour is black. Other colours/ materials upon request.

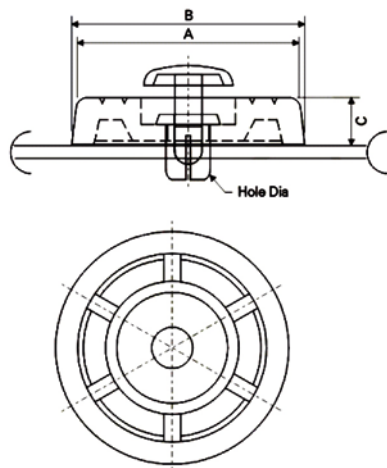


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## Riveted Feet



**Material**

Feet: TPV HB / DMS 815

**Colour**

black

**Unit**

mm

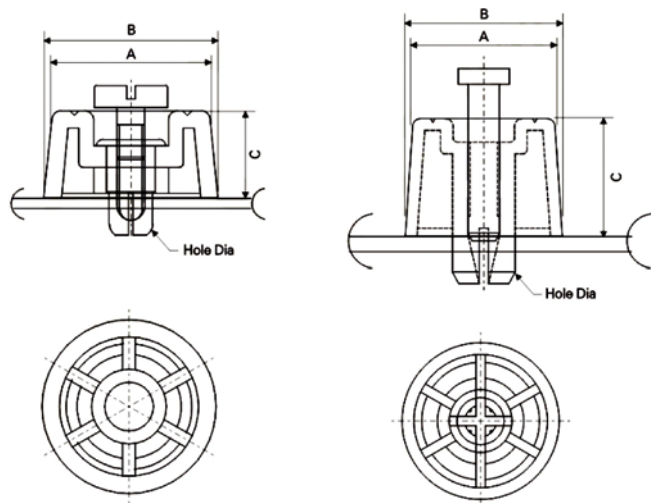
**Standard Pack**

500 pcs



| Order No.   | Panel Thickness | Hole-ø    | "A"  | "B"  | "C" |
|-------------|-----------------|-----------|------|------|-----|
| 8GD02V30014 | 0.8 ~ 1.8       | 3.1 ~ 3.2 | 13.5 | 14.2 | 5.5 |
| 8GD02V30177 | 1.8 ~ 2.8       |           |      |      |     |
| 8GD02V30016 | 0.8 ~ 1.8       | 4.1 ~ 4.2 | 20.0 | 21.0 | 4.2 |
| 8GD02V30018 | 1.8 ~ 2.8       |           |      |      |     |
| 8GD02V30019 | 2.9 ~ 3.7       |           |      |      |     |
| 8GD02V30020 | 3.8 ~ 4.8       |           |      |      |     |
| 8GD02V30021 | 0.6 max.        | 4.1 ~ 4.2 | 14.0 | 15.0 | 6.0 |
| 8GD02V30022 | 0.6 ~ 1.0       |           |      |      |     |
| 8GD02V30023 | 1.0 ~ 2.0       |           |      |      |     |
| 8GD02V30024 | 2.0 ~ 3.1       |           |      |      |     |
| 8GD02V30025 | 3.1 ~ 4.2       | 4.1 ~ 4.2 | 14.0 | 15.0 | 6.0 |
| 8GD02V30027 | 0.8 ~ 1.2       | 5.1 ~ 5.2 | 14.0 | 15.0 | 6.0 |
| 8GD02V30028 | 1.3 ~ 2.3       |           |      |      |     |
| 8GD02V30029 | 0.8 ~ 1.8       | 4.1 ~ 4.2 | 20.0 | 21.0 | 6.0 |
| 8GD02V30030 | 1.9 ~ 2.8       |           |      |      |     |
| 8GD02V30031 | 2.9 ~ 4.0       |           |      |      |     |
| 8GD02V30033 | 0 ~ 0.8         | 4.1~4.2   | 20.0 | 21.0 | 8.0 |
| 8GD02V30034 | 1.0 ~ 2.0       |           |      |      |     |
| 8GD02V30035 | 2.1 ~ 3.0       |           |      |      |     |
| 8GD02V30036 | 3.1 ~ 4.1       |           |      |      |     |
| 8GD02V30037 | 0.6 ~ 1.0       | 4.1 ~ 4.2 | 14.0 | 15.0 | 9.0 |
| 8GD02V30038 | 1.0 ~ 2.0       |           |      |      |     |
| 8GD02V30039 | 2.1 ~ 3.0       |           |      |      |     |
| 8GD02V30041 | 0.8 ~ 1.2       | 5.1 ~ 5.2 | 10.0 | 10.8 | 4.0 |
| 8GD02V30042 | 0.5 ~ 1.2       | 3.6 ~ 3.7 |      |      |     |
| 8GD02V30043 | 1.2 ~ 2.0       |           |      |      |     |
| 8GD02V30044 | 1.5 ~ 2.5       |           |      |      |     |
| 8GD02V30045 | 2.5 ~ 3.2       |           |      |      |     |
| 8GD02V30046 | 3.5 ~ 4.5       |           |      |      |     |

## Riveted Feet



### Material

Feet: TPR HB / DMS 810

PP HB / DMS 821

Pin POM HB / DMS 809

### Colour

black

### Unit

mm

### Standard Pack

500 pcs



| Order No.                       | Panel Thickness | Hole-ø    | "A"  | "B"  | "C"  |
|---------------------------------|-----------------|-----------|------|------|------|
| Material: Pin POM HB / DMS 809  |                 |           |      |      |      |
| 8GD03V30012                     | 1.0 ~ 2.3       | 5.0 ~ 5.1 | 20.0 | 24.0 | 14.0 |
| 8GD03V30015                     |                 |           | 18.0 | 20.0 | 10.0 |
| 8GD03V30049                     |                 |           | 28.0 | 30.0 | 15.0 |
| Material: Feet TPR HB / DMS 810 |                 |           |      |      |      |
| 8GD03V30052                     | 0.8 ~ 1.5       | 8.0 ~ 8.1 | 18.0 | 20.0 | 10.0 |
| 8GD03V30060                     |                 |           |      |      | 10.0 |
| 8GD03V30103                     |                 |           |      |      | 5.0  |
| 8GD03V30062                     | 5.0 ~ 8.0       | 7.9 ~ 8.0 | 20.0 | 21.0 | 6.0  |
| 8GD03V30064                     | 0.8 ~ 1.5       | 8.1 ~ 8.2 | 23.0 | 25.0 | 5.0  |
| 8GD03V30066                     | 0.5 ~ 1.2       | 8.1 ~ 8.2 | 18.0 | 20.0 | 12.0 |
| 8GD03V30056                     | 0.8 ~ 1.8       | 8.0 ~ 8.1 |      |      | 15.0 |
| 8GD03V30072                     | 0.8 ~ 1.5       | 8.0 ~ 8.1 |      |      | 15.0 |
| 8GD03V30081                     | 2.5~3.2         | 10.1~10.2 | 28.0 | 30.0 | 15.0 |
| 8GD03V30104                     |                 |           |      |      |      |
| Material: PP HB / DMS 821       |                 |           |      |      |      |
| 8GD03V30054                     | 0.8 ~ 1.5       | 8.0 ~ 8.1 | 18.0 | 20.0 | 10.0 |
| 8GD03V30063                     | 5.0 ~ 8.0       | 7.9 ~ 8.0 | 20.0 | 21.0 | 6.0  |
| 8GD03V30065                     | 0.8 ~ 1.5       | 8.1 ~ 8.2 | 23.0 | 25.0 | 5.0  |
| 8GD03V30067                     | 0.5 ~ 1.2       | 8.1 ~ 8.2 | 18.0 | 20.0 | 12.0 |
| 8GD03V30058                     | 0.8 ~ 1.8       | 8.0 ~ 8.1 |      |      | 15.0 |
| 8GD03V30069                     | 0.5 ~ 1.2       | 8.1 ~ 8.2 |      |      | 18.0 |

[illegible]



## General

In the following chapter quick fit connectors in various types are presented.

## Specification

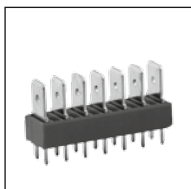
All connectors are manufactured from tin-plated material for direct soldering.

The insulator bodies are made of:

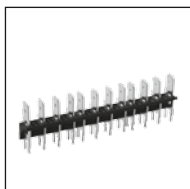
Type 1- of PA66 resin 10% glass fiber and are flame resistant,

Type 2- PA66 with 30% glass fiber and self-extinguishing.

The connectors are available in either tin-plated brass or steel.



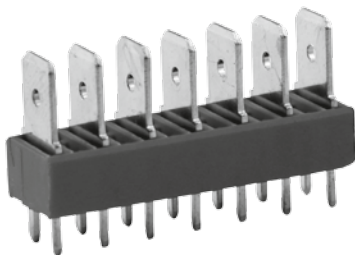
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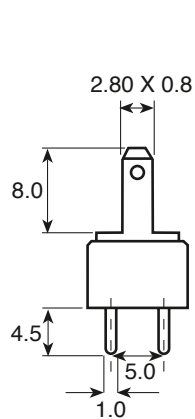
# Quick-Fit-Connector

## Type 1



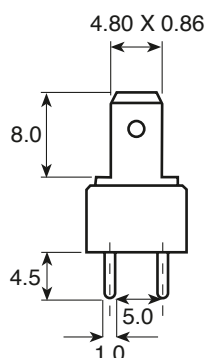
The connector can be supplied assembled  
TABS Types available as listed.  
Pitch: 2,50 or multiple  
and with number of contacts required.

Material Insulator: Thermoplastic, PA 66 10% glass fiber reinforced,  
flame retarded with halogens for injection moulding  
Temperature Rating: -25°C to +130°C  
Voltage Rating: 600 VAC  
Current Rating: 16 Amps  
Material: Tin plated brass or Steel Nickel Tin plated thickness 0,81  
Pitch: 2,50 or multiple  
Standard Pack: 250 pcs  
Mounting holes: 1,3 mm dia.  
Tabs: 2,80 - 4,80 - 6,35 - 7,80 (.118 - .187 - .250 - .324)  
RoHS-compliant



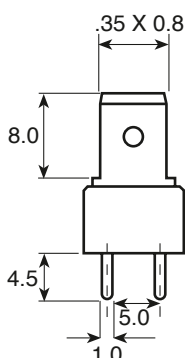
Type 1

1



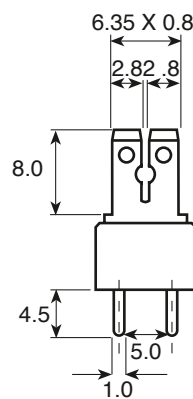
Type 2

2



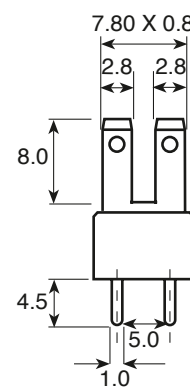
Type 3

3



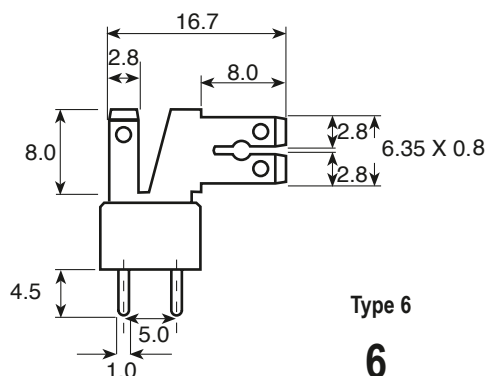
Type 4

4



Type 5

5



Type 6

6

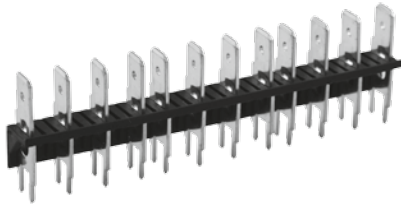
A = every 2. Pitch taken  
B = every 3. Pitch taken  
C = every 4. Pitch taken

| Styles | Type | TABS-Type | Distance of TABS in mm              | Number of Pitch | Steel tin plated | Brass tin plated |
|--------|------|-----------|-------------------------------------|-----------------|------------------|------------------|
| 8GG    | 01   | -(1-6)    | - A = 5,00; - B = 7,50; - C = 10,10 | x Number        | ST               | BR               |

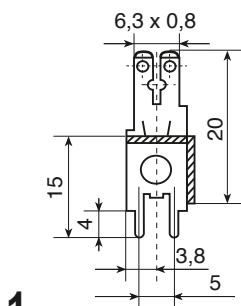
**Ordering example:** 8GG01-2-Cx6BR = Type 01, TABS-Type 2, every 4. Pitch taken, number of Pitch 6, Brass tin plated

# Quick-Fit-Connector

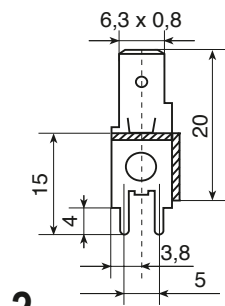
## Type 2



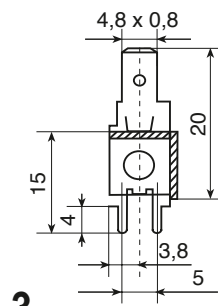
Material Insulator: Thermoplastic, PA 66 30% glass fiber self extinguishing with red phosphorous colour black.  
Temperature Rating: -30°C to +130°C  
Voltage Rating: 230 VAC  
Current Rating: 15 Amps  
Dielectric strength: 2000 VAC 1 minute  
Material: Tin plated brass or Steel Nickel Tin plated thickness 0,81  
Pitch: 2,54 or multiple  
Standard Pack: 250 pcs  
Mounting holes: 1,3 mm dia.  
Tabs: 2,80 - 4,80 - 6,35 - (.110 - .187 - .250 )  
RoHS-compliant



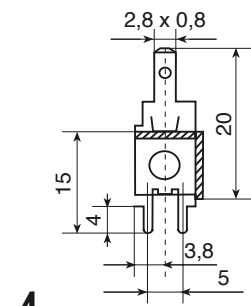
1



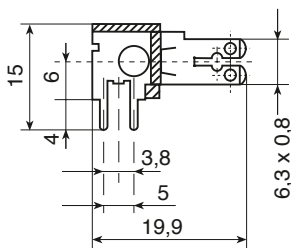
2



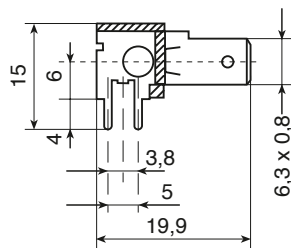
3



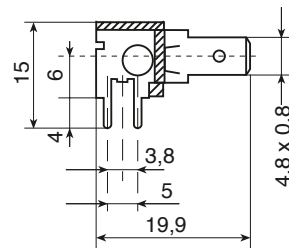
4



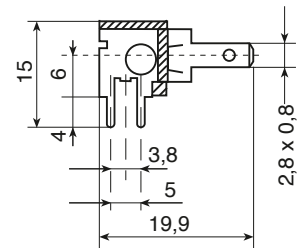
5



6



7



8

The connector can be supplied assembled  
TABS types available as listed.  
Pitch: 2,54 or multiple  
and with number of contacts required.

A = every 2. Pitch taken  
B = every 3. Pitch taken  
C = every 4. Pitch taken

| Styles | Type | TABS-Type | Distance of TABS in mm              | Number of Pitch | Steel tin plated | Brass tin plated |
|--------|------|-----------|-------------------------------------|-----------------|------------------|------------------|
| 8GG    | 02   | -(1-8)    | - A = 5,08; - B = 7,62; - C = 10,16 | x Number        | ST               | BR               |

**Ordering example:** 8GG02-1-Bx15ST = Type 02, TABS-Type 1, every 3. Pitch taken, Number of Pitch 15, Steel tin plated

[illegible]

## General

In this chapter, the following special items are presented:

Pawl Lock  
Cargo Lash  
Double Deg Clamp  
Metric LED Spacer  
Body Plug  
Flat Tie Holder  
Cable Support

| Material     | Flammability Rating | RoHS Compliance | Dremec Material-Spezifikation |
|--------------|---------------------|-----------------|-------------------------------|
| Nylon 6/6    | V2                  | Yes             | 801                           |
| PC           | HB                  | Yes             | 802                           |
| Nylon 6/6    | V0                  | Yes             | 806                           |
| PVC          | V0                  | Yes             | 808                           |
| POM (Acetal) | HB                  | Yes             | 809                           |
| PC           | V2                  | Yes             | 812                           |

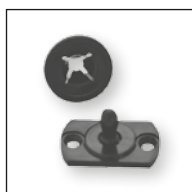
For more details on material properties please consult the data section (DMS) of the catalogue.

## Colour

Standard color depending on the product is black, natural, white or grey.  
Other colours/ materials upon request.



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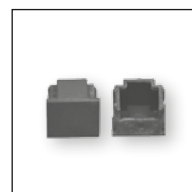
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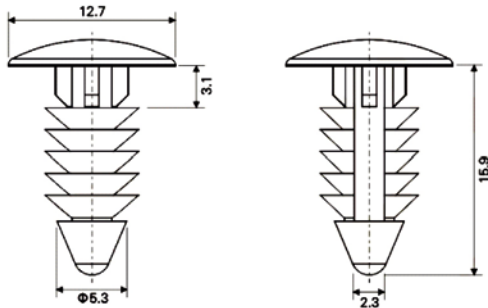


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## Pawl Lock

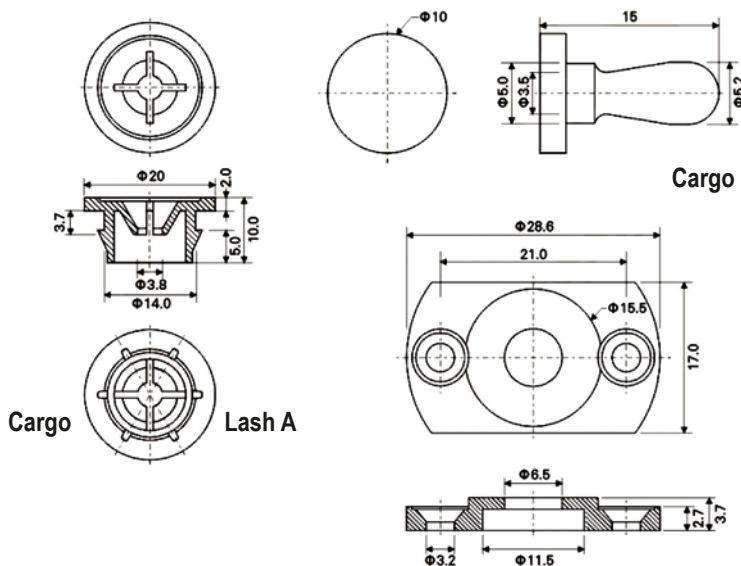


**Material** Nylon 6/6 V2 / DMS 801  
**Colour** natural / black  
**Hole-Ø** 6.4 mm  
**Unit** mm  
**Standard Pack** 1.000 pcs



| Order No.   | Colour |
|-------------|--------|
| 8GE01V20657 | N      |
| 8GE01V20658 | B      |

## Cargo Lash



Cargo Lash 1

Cargo Lash 2

**Colour** black / natural / grey  
**Standard Pack** 1.000 pcs



Type: Cargo Lash A  
Material: Nylon 6/6 V2 / DMS 801

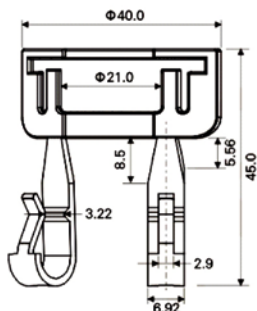
Type: Cargo Lash 1  
Material: Nylon 6/6 V2 / DMS 801

Type: Cargo Lash 2  
Material: POM HB / DMS 809

| Order No.   | Order No.   | Order No.   | Colour |
|-------------|-------------|-------------|--------|
| 8GE02V20558 | 8GE02V20561 | 8GE02V20563 | B      |
| 8GE02V20559 | 8GE02V20562 | 8GE02V20564 | N      |
| 8GE02V20560 |             |             | G      |

Ordering example: 8GE02V20558B for black  
8GE02V20558N for natural

## Double Deg Clamp



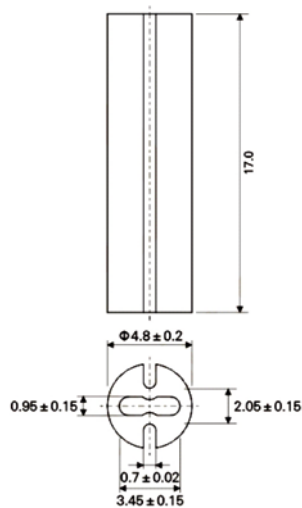
|                      |                                                |
|----------------------|------------------------------------------------|
| <b>Material</b>      | Nylon 6/6 V2/ DMS 801<br>Nylon 6/6 V0/ DMS 806 |
| <b>Colour</b>        | natural                                        |
| <b>Unit</b>          | mm                                             |
| <b>Standard Pack</b> | 500 pcs                                        |

### Order No.

8GE03V60034

Please add the suffix "VO" to the article No. to specify the variant in VO

## Metric LED Spacer



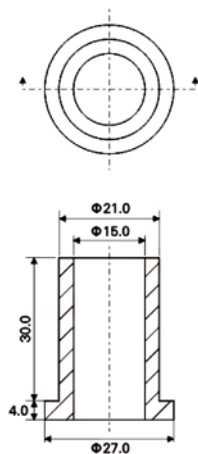
|                      |                  |
|----------------------|------------------|
| <b>Material</b>      | PVC V0 / DMS 808 |
| <b>Colour</b>        | natural          |
| <b>Unit</b>          | mm               |
| <b>Standard Pack</b> | 500 pcs          |

### Order No.

8GE04V80260



## Body Plug

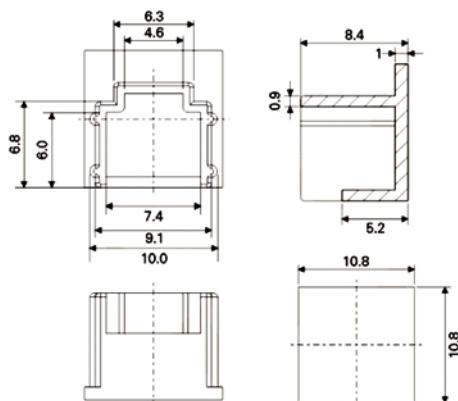


|               |                       |
|---------------|-----------------------|
| Material      | Nylon 6/6 V2/ DMS 801 |
| Colour        | natural               |
| Unit          | mm                    |
| Standard Pack | 1.000 pcs             |

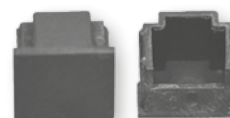
### Order No.

8GE05V60065

## Flat Tie Holder



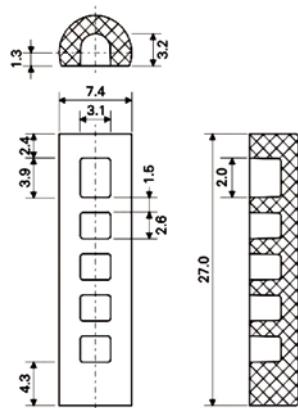
|               |                 |
|---------------|-----------------|
| Material      | PC HB / DMS 802 |
| Colour        | natural         |
| Unit          | mm              |
| Standard Pack | 1.000 pcs       |



### Order No.

8GE07V60355

## Dust Cap



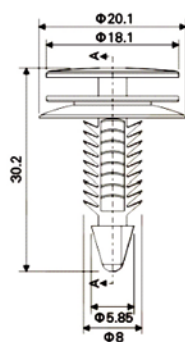
|                      |                 |
|----------------------|-----------------|
| <b>Material</b>      | PC V2 / DMS 812 |
| <b>Colour</b>        | natural         |
| <b>Unit</b>          | mm              |
| <b>Standard Pack</b> | 1.000 pcs       |



**Order No.**

8GE08V60334

## Flat Tie Holder

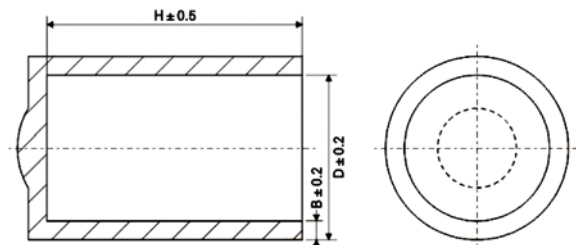


|                      |                |
|----------------------|----------------|
| <b>Type</b>          | for blind hole |
| <b>Material</b>      | on request     |
| <b>Colour</b>        | natural        |
| <b>Unit</b>          | mm             |
| <b>Standard Pack</b> | 1.000 pcs      |

**Order No.**

8GE09V60405

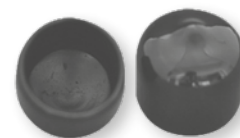
## Adapter Dust Cap



### Colour black

| Order No.   | "H"   | "D"    |             |        |        |
|-------------|-------|--------|-------------|--------|--------|
| 8GE10V00423 | 6.00  | 2.60   | 8GE10V00453 | 22.00  | 140.00 |
| 8GE10V00424 | 10.00 | 1.60   | 8GE10V00454 | 22.00  | 155.00 |
| 8GE10V00425 | 10.00 | 3.50   | 8GE10V00455 | 22.50  | 12.50  |
| 8GE10V00429 | 12.00 | 31.50  | 8GE10V00457 | 25.00  | 31.50  |
| 8GE10V00430 | 12.00 | 54.00  | 8GE10V00458 | 25.00  | 73.00  |
| 8GE10V00434 | 14.00 | 3.00   | 8GE10V00017 | 25.40  | 17.17  |
| 8GE10V00435 | 14.00 | 48.80  | 8GE10V00461 | 40.00  | 63.50  |
| 8GE10V00439 | 15.00 | 36.00  | 8GE10V00462 | 44.00  | 8.00   |
| 8GE10V00440 | 15.00 | 49.00  | 8GE10V00464 | 45.00  | 28.00  |
| 8GE10V00442 | 16.00 | 2.50   | 8GE10V00465 | 50.00  | 92.00  |
| 8GE10V00443 | 16.00 | 4.00   | 8GE10V00466 | 53.00  | 89.00  |
| 8GE10V00445 | 16.00 | 4.80   | 8GE10V00467 | 100.00 | 10.00  |
| 8GE10V00446 | 17.00 | 44.50  | 8GE10V00468 | 100.00 | 24.00  |
| 8GE10V00448 | 19.00 | 100.00 | 8GE10V00469 | 100.00 | 26.00  |
| 8GE10V00449 | 19.00 | 125.00 | 8GE10V00470 | 118.00 | 17.50  |
| 8GE10V00016 | 19.50 | 10.84  | 8GE10V00471 | 120.00 | 33.40  |
| 8GE10V00451 | 20.00 | 59.00  | 8GE10V00472 | 125.00 | 11.50  |
| 8GE10V00452 | 20.00 | 64.00  | 8GE10V00473 | 131.00 | 14.50  |
|             |       |        | 8GE10V00474 | 178.00 | 15.60  |

**Material** PVC V0 / DMS 808  
**Colour** black / white  
**Unit** mm  
**Standard Pack** 1.000 pcs



### Colour white

| Order No.   | "H"   | "D"  |
|-------------|-------|------|
| 8GE10V00427 | 11.50 | 2.80 |
| 8GE10V00428 | 11.50 | 3.00 |
| 8GE10V00431 | 13.00 | 2.70 |
| 8GE10V00432 | 13.00 | 2.80 |
| 8GE10V00436 | 15.00 | 5.00 |
| 8GE10V00437 | 15.00 | 6.00 |
| 8GE10V00441 | 16.00 | 1.20 |
| 8GE10V00444 | 16.00 | 4.50 |
| 8GE10V00450 | 20.00 | 5.50 |

Other colours on request.

The European Union has in recent years, adopted some important Environmental regulations (RoHS / WEE). DREMEC, with the help of its suppliers, in terms of Materials, products, machinery and equipment, has gone to great lengths to ensure compliance with these regulations. All data available (DMS) has been provided from the manufacturers of the raw materials. The data however is not a legally binding assurance.

The raw material manufacturers reserve the right to change this data at any time. DREMEC does not take any responsibility. All information (illustrations, drawings, specifications) in this catalogue are not binding guarantees and it is the personal responsibility of the user to test the suitability for their own application. Dremec reserves the right to change technical details at any time.

| DMS NO.                | Material                         | Material-number | RoHS Compliance | Minimum tensile strength | Surface finish                       | Tolerance for length dimensions             |
|------------------------|----------------------------------|-----------------|-----------------|--------------------------|--------------------------------------|---------------------------------------------|
| Brass                  |                                  |                 |                 |                          |                                      |                                             |
| 100                    | acc. to DIN 17660: Cu Zn 39 Pb 3 | 2.0401          | Yes             | 430 N / mm <sup>2</sup>  | acc. to DIN 267: nickel plated (G3E) | +/- 0,1 mm                                  |
| 101                    | acc. to DIN 17660: Cu Zn 39 Pb 3 | 2.0401          | Yes             | 430 N / mm <sup>2</sup>  | .I.                                  | +/- 0,1 mm                                  |
| Steel                  |                                  |                 |                 |                          |                                      |                                             |
| 200                    | acc. to DIN 176: 11 SMn Pb 30    | 1.0718          | Yes             | 500 N / mm <sup>2</sup>  | acc. to DIN 267: zinc plated (A3F)   | +/- 0,1 mm<br>(DIN 2768-m applies to SW 13) |
| 201                    | acc. to DIN 176: 11 SMn Pb 30    | 1.0718          | Yes             | 500 N / mm <sup>2</sup>  | .I.                                  | +/- 0,1 mm<br>(DIN 2768-m applies to SW 13) |
| Aluminium              |                                  |                 |                 |                          |                                      |                                             |
| 300                    | acc. to EN AW 2011: AlCuBiPb     | 3.1655          | Yes             | 310 N / mm <sup>2</sup>  | .I.                                  | +/- 0,1 mm<br>(DIN 2768-m applies to SW 13) |
| Stainless steel / Niro |                                  |                 |                 |                          |                                      |                                             |
| 400                    | acc. to EN 10088: X8CrNiS 18-9   | 1.4305          | Yes             | 750 N / mm <sup>2</sup>  | .I.                                  | +/- 0,1 mm<br>(DIN 2768-m applies to SW 13) |

The DREMEC material specification DMS for short, is used for identification of manufacturers, materials and their properties. All available data is provided by the manufacturers of the raw materials. The data however is not a legally binding assurance.

The manufacturers reserve the right to change this data at any time. The material test is according to UL "(Underwriters Laboratories Inc. ®) shows the classification according to the plastics reaction to fire.

With a horizontal and vertical test the behavior of fire under the influence of an open flame was tested. Detailed information about "UL" can be downloaded from the website, [www.ul.com](http://www.ul.com). The test levels are UL: UL94 -HB/V2/V1/V0.

The temperature ranges of the various materials are merely guidelines supplied to us by the respective raw material manufacturers. It does not represent a binding guarantee. The manufacturer reserves the right to make changes at any time.

| DMS NO. | Material                                         | UL-File No. | Flammability Rating | RoHS Compliance | Material Temperature Range |   |     |     |   |     |
|---------|--------------------------------------------------|-------------|---------------------|-----------------|----------------------------|---|-----|-----|---|-----|
|         |                                                  |             |                     |                 | °C                         |   |     | °F  |   |     |
| 801     | Nylon 6/6                                        | E70062      | V2                  | Yes             | -20                        | - | 85  | -4  | - | 185 |
| 802     | PC                                               | E45587      | HB                  | Yes             | -40                        | - | 115 | -40 | - | 239 |
| 803     | PP                                               | E63499      | HB                  | Yes             | 0                          | - | 65  | 32  | - | 149 |
| 804     | POM Acetal                                       | E38860      | HB                  | Yes             | -50                        | - | 90  | -58 | - | 194 |
| 805     | Acrylic adhesive / Urethane foam tape / PE liner | MH16770     | -                   | Yes             | 0                          | - | 85  | 32  | - | 185 |
| 806     | Nylon 6/6                                        | E70062      | V0                  | Yes             | -40                        | - | 105 | -40 | - | 221 |
| 807     | Acrylic adhesive / Urethane foam tape / PE liner | -           | -                   | Yes             | -20                        | - | 60  | -4  | - | 140 |
| 808     | PVC                                              | E54709      | V0                  | Yes             | 0                          | - | 105 | 32  | - | 221 |
| 809     | POM Acetal                                       | E66288      | HB                  | Yes             | -40                        | - | 100 | -40 | - | 212 |
| 810     | TPR                                              | E80017      | HB                  | Yes             | -60                        | - | 135 | -76 | - | 275 |
| 811     | Nylon 6                                          | E41871      | V2                  | Yes             | -40                        | - | 65  | -40 | - | 149 |
| 812     | PC Polycarbonat                                  | E123529     | V2                  | Yes             | -40                        | - | 80  | -40 | - | 176 |
| 813     | Nylon 66/6                                       | E41871      | V0                  | Yes             | -40                        | - | 65  | -40 | - | 149 |
| 814     | Nylon 6                                          | E119177     | V2                  | Yes             | -40                        | - | 152 | -40 | - | 306 |
| 815     | TPV                                              | E80017      | HB                  | Yes             | -50                        | - | 90  | -58 | - | 194 |
| 816     | Polystrol / HIPS                                 | E108538     | HB                  | Yes             | -20                        | - | 80  | -4  | - | 176 |
| 817     | Nylon 6 25% Glass Filled                         | E76261      | HB                  | Yes             | -20                        | - | 140 | -4  | - | 284 |
| 818     | Polyamid 6.6 (natural)                           | -           | V2                  | Yes             | -30                        | - | 100 | -22 | - | 212 |
| 819     | Acrylic adhesive / Polyethylene foam tape        | -           | -                   | Yes             | -40                        | - | 100 | -40 | - | 212 |
| 820     | Nylon 6                                          | E36632      | HB                  | Yes             | -40                        | - | 120 | -40 | - | 248 |
| 821     | PP                                               | -           | HB                  | Yes             | 0                          | - | 65  | 32  | - | 149 |
| 822     | Nylon 6/6 Heat Stabilized                        | E49138      | HB                  | Yes             | -40                        | - | 95  | -40 | - | 203 |
| 823     | Polyamid 6.6 (white)                             | E76261      | V2                  | Yes             | -30                        | - | 100 | -22 | - | 212 |
| 824     | Polyamid 6.6 (black)                             | E41938      | V2                  | Yes             | -30                        | - | 150 | -22 | - | 302 |
| 825     | Polyamid 6.0 GV (black)                          | -           | HB                  | Yes             | -30                        | - | 110 | -22 | - | 230 |
| 826     | Polyamid 6.6 GV (black)                          | -           | HB                  | Yes             | -30                        | - | 110 | -22 | - | 230 |

## RoHS Guidelines

RoHS (Restriction on Hazardous Substances) refers to the Directive 2002/95/EC of the European Parliament of 27 January 2003. From the 1 July 2006 this directive bans the subsequent use of hazardous substances in electrical and electronic equipment. Lead, mercury, cadmium, hexavalent chromium, polybrominated, Biphenyls (PBB), polybrominated biphenyl ethers (PBDEs).

The WEEE (Waste Electronic Equipment) refers to Directive 2002/95/EC of the European Parliament of 27 January 2003. This directive is used primarily to prevent waste from electrical and electronic equipment, as well as their recycling. DREMEC GmbH manufactures its products in compliance with these regulations. Please contact us if you need information regarding the RoHS or WEEE.

## Definition of Material Descriptions

POM Acetal = Polyacetal

Nylon = Polyamide (PA)

PC = Polycarbonate

PE = Polyethylene

PP = Polypropylene

PVC = Polyvinyl chloride

TPR = Thermoplastic rubber

## Adhesive tapes

### Please Note

When using self-adhesive parts the storage and handling guidelines must be followed. The support materials are either made of PE foil or paper. The excess support foil is for easier removal of the tape. Due to the different surfaces and materials the adhesive strength may vary. Our sales team will be happy to communicate with the manufacturers of the adhesive tape should you require further detailed information to the suitability for your application.

### Storage instructions for standard adhesive items

The parts must be protected from UV light and stored at room temperature +23 °C and an air humidity of 50%. In compliance with the above mentioned regulations, we can guarantee a product life of one year.

### Installation instructions for Adhesive Tape

The ideal application temperature is +21 °C to +38 °C.

### Processing information for Adhesive Items

**Surface:** The surface must be dry, clean and free of dust, grease, oil, release agents and cleaners. Moisture condensation is to be avoided.

## Cleaning

To clean the surface only use clean cloths and compatible solvents such as benzene, alcohol, esters or ketones.

## Processing

The contact pressure for parts of medium size should be between 8N to 12N. Corresponding to the size of the area, the pressure can be increased or reduced accordingly. Full adhesive strength is achieved after about 6 hours without extra pressure.

**Load:** The connections should be chosen so there is no leverage in the application. Shear and tensile loads must be able to distribute themselves over the entire bonding surface. Permanent peel stress can reduce the duration of the elastic connection.

### Acrylic-based adhesive / rubber-based adhesive

Rubber based adhesive has a high initial adhesive strength whereas an acrylic based adhesive has a higher (mechanical) long-term stress factor. Our sales team will be happy to communicate with the manufacturers of the adhesive tape should you require further detailed information to the suitability for your application or to recommend a suitable adhesive tape. DREMEC GmbH concentrates on manufacturing its products in compliance with government regulations (RoHS non-hazardous substances) and has developed a process which ensures that the production / distribution are according to these regulations.

# Conditions of Sale and Delivery of DREMEC GmbH

## 1. General

Our conditions of sale and delivery are applicable for all services, even if the customer specifies otherwise. Silence on our part to the conditions of the purchaser is not regarded as an acceptance or consent.

## 2. Prices

The prices are valid for delivery ex works, including packaging and VAT.

## 3. Retention of Title

Until the complete payment of the purchase price incl. collateral charges the delivered goods remain our property. By processing or alteration of the goods the purchaser does not acquire the right of property of the new object according to § 950 of the German Civil Code (BGB). If the goods are processed, mixed, blended or joined with other objects, Dremec acquires co-ownership of the new product with a share representing the proportion of the invoice value of our goods, subject to reservation of ownership, to the total value. The Buyer hereby assigns the receivables from the resale or other disposal, such as delivery contracts with all ancillary rights to us proportionally, insofar that the goods have been processed, mixed, blended or connected, and we have obtained the amount of our invoice ownership. If the buyer's claim from the resale is set on a current account relationship with his purchaser, the buyer assigns his claim from the current account relationship to the amount of the invoice value of the goods subject to reservation, to us. We hereby accept the above assignment.

## 4. Terms of Payment

Payments must be made within 30 days from the invoice date net or within 8 days with 2% discount. Payments shall be made without any deductions and free of transaction charges to the deliverer's designated account. The purchaser may only set off such claims which are undisputed or non-appealably assessed.

## 5. Deliveries

The delivery period begins with the issue of the written order confirmation and after clarification of all execution details. If we should default, the purchaser must set an appropriate extension period for delivery. After the expiry of this period the purchaser has the right to withdraw from the contract if the goods have not been notified ready for delivery up to the expiry of this time extension. However, in this case the purchaser must accept partial quantities insofar these can still be delivered within the extension of time. In this case the purchaser is also obliged to purchase from subsets if these are not delivered within the deadline. We are always entitled to partial deliveries.

The goods are delivered in conditions customary to the trade.

We reserve the right, for technical and organisational reasons, to deliver an excess of up to 10% of custom-made goods. Because our products are sold by weight, considering the tolerances of scale counters, we only accept delivery deviations of more than 2%.

## 6. Liability

Our liability for damages and for the reimbursement of the Expenses, no matter on which legal grounds, is limited to gross negligence and intent. This also applies for breaches of duty of our legal representatives and vicarious agents. In case of slight neglect, no matter on which legal grounds, we are only liable for breach of contract. All limitations of liability are not applicable for claims in the context of violation of life, body, or health as well as for claims from the Product Liability Act (Produkthaftungsgesetz) and other compulsory liability constituting regulations.

## 7. Transfer of Risk

Each delivery – including free carriage – is at the risk of the customer. The transport risk is transferred to the customer as soon as the delivery of goods to a freight forwarder, carrier or collector, but at the latest when leaving our company, has been carried out. This also applies for deliveries carried out with our forwarders.

## 8. Notification of Defects

Complaints of all kinds, including those relating to the absence of guaranteed properties, must be received, in writing specifying reason for complaint, within eight days of receipt of the goods. Hidden defects are to be reported immediately after discovery. Any warranty ends after twelve months after receipt of the goods. The right of complaint is void if the customer continues to process, install or sell the product after the defect is discovered. Defects of basic material which are not visible during processing in our production are excluded from the warranty. In the case of founded complaints, we are obliged to either perform a rectification of the defect, credit the reduced value or to make a replacement delivery. It is our choice which of these options is taken. The right of complaint is void if the customer buys the goods after the discovery of the defect further used, processed, installs or sells. Material defects in the processing in our production are not visible, are excluded from the warranty. We are committed to reasonable notice of defect, at our option to repair, credit note or replacement of the reduced value.

## 9. Quality

The tolerances of our products specified in this catalogue as well as the DREMEC factory norm, which are based on the DIN 13, DIN 76, etc. apply. According to our Certification DIN-ISO 9001:2008 we guarantee, in standard cases, a screw nut mobility for outer threads.

## 10. Price Quotations

Price quotations are always subject to change. They are confirmed on an immediate acceptance. Quotation prices for special parts are valid for a period of 3 months, thereafter the price on our order confirmation is applicable. In the case of information from our stock, we reserve the right to prior sales. Lead times for custom made parts are only valid at the time of the quotation.

## 11. Website

Orders via our website are binding for both sides. The DREMEC GmbH does not guarantee the correctness of the displayed data.

## 12. Place of Jurisdiction

If the purchaser is a merchant who has been entered as such in the commercial register (Vollkaufmann) the sole place of jurisdiction for all disputes resulting from the contractual relationship is the principal office of DREMEC GmbH in Löhne / Westfalen. Only the law of the Federal Republic of Germany is applicable. The United Nations Convention on Contracts for the international sale of goods and the German conflict of laws (deutsches internationales Privatrecht) are not applicable. The German version of these terms and conditions is fundamental.

## 13. Severability Clause

If any of the above clauses is or becomes invalid, the validity of the remaining clauses of the contract as a whole are not affected.









# Contact

[ We look forward to hearing from you ]



Presented by:



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