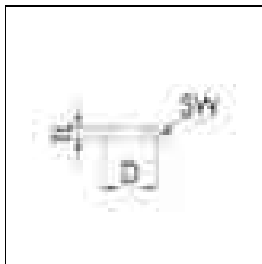


## Locknuts, metric

## Gegenmuttern, metrisch



**Temperature range:** -40°C to 100°C, intermittent to approx. 150°C  
**Material:** Polyamide / reinforced glass fibre

**Einsatztemperatur:** -40°C bis 100°C, kurzzeitig bis ca. 150°C  
**Material:** Polyamid / glasfaserverstärkt

| Type    | WISKA-No.<br>RAL 7035<br>□ 100. | WISKA-No.<br>RAL 9005<br>■ 100. | WISKA-No.<br>RAL 7001<br>■ 100. |  | <br>D | <br>SW | TL |
|---------|---------------------------------|---------------------------------|---------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|----|
|         |                                 |                                 |                                 |                                                                                   | mm                                                                                       | mm                                                                                        | mm |
| EMUG 12 | 60770                           | 61780                           | 62712                           | 100/1000                                                                          | M 12x1,5                                                                                 | 18                                                                                        | 5  |
| EMUG 16 | 60771                           | 61781                           | 62713                           | 100/1000                                                                          | M 16x1,5                                                                                 | 22                                                                                        | 5  |
| EMUG 20 | 60772                           | 61782                           | 62714                           | 100/1000                                                                          | M 20x1,5                                                                                 | 27                                                                                        | 5  |
| EMUG 25 | 60773                           | 61783                           | 62715                           | 100                                                                               | M 25x1,5                                                                                 | 32                                                                                        | 6  |
| EMUG 32 | 60774                           | 61784                           | 62716                           | 100                                                                               | M 32x1,5                                                                                 | 40                                                                                        | 6  |
| EMUG 40 | 60775                           | 61785                           | 62717                           | 50                                                                                | M 40x1,5                                                                                 | 50                                                                                        | 7  |
| EMUG 50 | 60776                           | 61786                           | 62718                           | 25                                                                                | M 50x1,5                                                                                 | 60                                                                                        | 7  |
| EMUG 63 | 60777                           | 61787                           | 62719                           | 10                                                                                | M 63x1,5                                                                                 | 75                                                                                        | 7  |

## Locknuts, PG

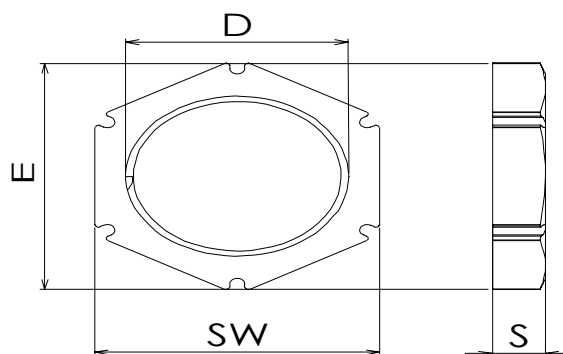
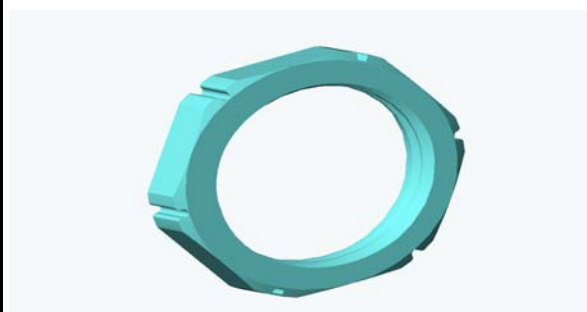
## Gegenmuttern, PG

| Type     | WISKA-No.<br>RAL 7035<br>□ 100. | WISKA-No.<br>RAL 9005<br>■ 100. |  | <br>D | <br>SW | TL |
|----------|---------------------------------|---------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|----|
|          |                                 |                                 |                                                                                     | mm                                                                                         | mm                                                                                          | mm |
| MUG 7    | 60670                           | 60680                           | 100/1000                                                                            | PG 7                                                                                       | 19                                                                                          | 5  |
| MUG 9    | 60671                           | 60681                           | 100/1000                                                                            | PG 9                                                                                       | 22                                                                                          | 5  |
| MUG 11   | 60672                           | 60682                           | 100/1000                                                                            | PG 11                                                                                      | 24                                                                                          | 5  |
| MUG 13,5 | 60673                           | 60683                           | 100/1000                                                                            | PG 13,5                                                                                    | 27                                                                                          | 6  |
| MUG 16   | 60674                           | 60684                           | 100/1000                                                                            | PG 16                                                                                      | 30                                                                                          | 6  |
| MUG 21   | 60675                           | 60685                           | 100/1000                                                                            | PG 21                                                                                      | 36                                                                                          | 7  |
| MUG 29   | 60676                           | 60686                           | 50                                                                                  | PG 29                                                                                      | 46                                                                                          | 7  |
| MUG 36   | 60677                           | 60687                           | 25                                                                                  | PG 36                                                                                      | 60                                                                                          | 8  |
| MUG 42   | 60678                           | 60688                           | 25                                                                                  | PG 42                                                                                      | 73                                                                                          | 8  |
| MUG 48   | 60679                           | 60689                           | 10                                                                                  | PG 48                                                                                      | 78                                                                                          | 8  |

# EMUG

## Datenblatt / data sheet

|                                                              |                                                                                                                                                                                                              |
|--------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Produkt /<br><i>product</i>                                  | Metrische Sechskantmutter für erhöhte Anforderungen<br><i>metric hexagonal locknut for higher applications</i>                                                                                               |
| Material / <i>material</i>                                   | glasfaserverstärktes Polyamid / <i>polyamide reinforced glas fibre</i>                                                                                                                                       |
| Farbe /<br><i>colour</i>                                     | grau , RAL 7035 oder schwarz , RAL 9005<br><i>grey , RAL 7035 or black , RAL 9005</i>                                                                                                                        |
| Chemische Beständigkeit /<br><br><i>chemical resistance</i>  | beständig gegen: Aceton,Benzin,Benzol,Dieselöl,Fette,Öle,<br>Lösungsmittel für Farben und Lacke<br><i>resistant to: Acetone,benzine, benzene,diesel oil,oils and<br/>greases, paint and varnish solvents</i> |
| Spannungsrißgefahr /<br><i>susceptib. to stress cracking</i> | niedrig<br><i>low</i>                                                                                                                                                                                        |
| Temperaturbeständigkeit /<br><i>temperature resistance</i>   | -40°C bis 100°C , kurzzeitig bis ca.150°C<br><i>-40°C to 100°C , intermittent up to approx 150°C</i>                                                                                                         |



| Typ / type | Anschlußgewindegröße /<br>connection thread size<br>D<br>[ mm ] | Schlüsselweite / key<br>width<br>SW<br>[ mm ] | Eckmaß / corner<br>dimension<br>E<br>[ mm ] | S Höhe / height<br>[ mm ] | maximales Drehmoment<br>/ maximum torques<br>[ Nm ] | Bestellnummer /<br>order number |          | VPE / packing unit |
|------------|-----------------------------------------------------------------|-----------------------------------------------|---------------------------------------------|---------------------------|-----------------------------------------------------|---------------------------------|----------|--------------------|
|            |                                                                 |                                               |                                             |                           |                                                     | RAL 7035                        | RAL 9005 |                    |
| EMUG 12    | M 12x1,5                                                        | 18                                            | 20                                          | 5                         | 2,0                                                 | 60770                           | 61780    | 100/1000           |
| EMUG 16    | M 16x1,5                                                        | 22                                            | 24                                          | 5                         | 3,5                                                 | 60771                           | 61781    | 100/1000           |
| EMUG 20    | M 20x1,5                                                        | 27                                            | 29                                          | 5                         | 4,0                                                 | 60772                           | 61782    | 100/1000           |
| EMUG 25    | M 25x1,5                                                        | 32                                            | 35,5                                        | 6                         | 10,0                                                | 60773                           | 61783    | 100                |
| EMUG 32    | M 32x1,5                                                        | 40                                            | 44,5                                        | 6                         | 15,0                                                | 60774                           | 61784    | 100                |
| EMUG 40    | M 40x1,5                                                        | 50                                            | 55                                          | 7                         | 30,0                                                | 60775                           | 61785    | 50                 |
| EMUG 50    | M 50x1,5                                                        | 60                                            | 67                                          | 7                         | 30,0                                                | 60776                           | 61786    | 25                 |
| EMUG 63    | M 63x1,5                                                        | 75                                            | 83                                          | 7                         | 30,0                                                | 60777                           | 61787    | 10                 |

Die Erstellung des Datenblattes erfolgte nach bestem Wissen und Gewissen. Eine Gewähr kann jedoch nicht übernommen werden. Technische Änderungen vorbehalten.  
The correctness of data has been made to the best of our knowledge and no responsibility is accepted. Technical improvement reserved. Freigabe : 21.10.2002-Sie