

## Befestigungselemente für Kolbenstange Typ GA, G, M, SAS und U



GA ...



G ..



M ..



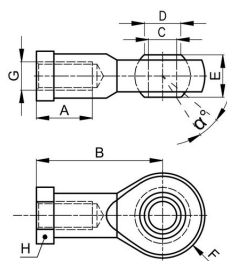
SAS ..



U ..

|                    |                                                                                                  |
|--------------------|--------------------------------------------------------------------------------------------------|
| Werkstoff G ..     | Körper Stahl verzinkt, Bolzen Automatenstahl 9 S Mn 28, Federklappbolzen Federbandstahl gehärtet |
| Werkstoff GA ..    | Körper Stahl verzinkt, Kugel Stahl gehärtet 100 Cr 6, Lagerung Bronze                            |
| Werkstoff M ..     | Aluminium bzw. Stahl verzinkt                                                                    |
| Werkstoff SAS/U .. | Stahl verzinkt                                                                                   |

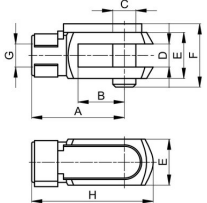
### GA- .. Gelenkauge



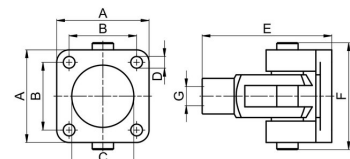
| G        | A  | B   | C  | D  | E  | α° | F  | H  | Typ        |
|----------|----|-----|----|----|----|----|----|----|------------|
| M6       | 12 | 30  | 6  | 9  | 9  | 13 | 10 | 11 | GA-12-16   |
| M8       | 16 | 36  | 8  | 10 | 12 | 14 | 12 | 14 | GA-20      |
| M10x1,25 | 20 | 43  | 10 | 13 | 14 | 13 | 14 | 17 | GA-25      |
| M10x1,25 | 20 | 43  | 10 | 13 | 14 | 13 | 14 | 17 | GA-32      |
| M12x1,25 | 22 | 50  | 12 | 15 | 16 | 13 | 16 | 19 | GA-40      |
| M16x1,5  | 28 | 64  | 16 | 19 | 21 | 15 | 21 | 22 | GA-50-63   |
| M20x1,5  | 33 | 77  | 20 | 24 | 25 | 14 | 25 | 30 | GA-80-100  |
| M27x2    | 51 | 110 | 30 | 35 | 37 | 17 | 34 | 41 | GA-41-125  |
| M36x2    | 56 | 125 | 35 | 38 | 43 | 19 | 40 | 50 | GA-160-200 |



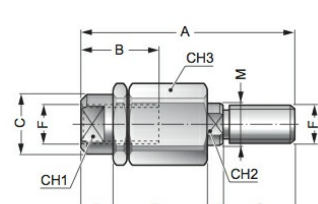
## G- .. Gabelkopf

|  | G        | A   | B  | C  | D  | E  | F  | H   | Typ       |
|-----------------------------------------------------------------------------------|----------|-----|----|----|----|----|----|-----|-----------|
|                                                                                   | M6       | 24  | 12 | 6  | 6  | 12 | 16 | 31  | G-12-16   |
|                                                                                   | M8       | 32  | 16 | 8  | 8  | 16 | 22 | 42  | G-20      |
|                                                                                   | M10x1,25 | 40  | 20 | 10 | 10 | 20 | 26 | 52  | G-25      |
|                                                                                   | M10x1,25 | 40  | 20 | 10 | 10 | 20 | 26 | 52  | G-32      |
|                                                                                   | M12x1,25 | 48  | 24 | 12 | 12 | 24 | 32 | 62  | G-40      |
|                                                                                   | M16x1,5  | 64  | 32 | 16 | 16 | 32 | 40 | 83  | G-50-63   |
|                                                                                   | M20x1,5  | 80  | 40 | 20 | 20 | 40 | 48 | 105 | G-80-100  |
|                                                                                   | M27x2    | 110 | 54 | 30 | 30 | 55 | -  | 148 | G-41-125  |
|                                                                                   | M36x2    | 144 | 72 | 35 | 35 | 70 | -  | 188 | G-160-200 |

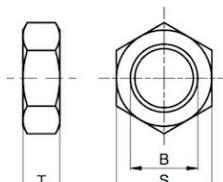
## M- .. Gabelkopf mit Gegenlager

|  | G        | A   | B    | C  | D   | E   | F   | Typ      |
|-----------------------------------------------------------------------------------|----------|-----|------|----|-----|-----|-----|----------|
|                                                                                   | M10x1,25 | 45  | 32,5 | 30 | 6,6 | 62  | 53  | M-32     |
|                                                                                   | M12x1,25 | 52  | 38   | 35 | 6,6 | 73  | 60  | M-40     |
|                                                                                   | M16x1,5  | 75  | 56,5 | 45 | 9   | 96  | 78  | M50-63   |
|                                                                                   | M20x1,5  | 115 | 89   | 55 | 11  | 121 | 118 | M-80-100 |
|                                                                                   |          |     |      |    |     |     |     |          |

## SAS- .. Flexokupplung

|  | A   | B  | ØC   | CH1 | CH2 | CH3 | D   | E    | F        | G  | H   | ØM | Typ        |
|------------------------------------------------------------------------------------|-----|----|------|-----|-----|-----|-----|------|----------|----|-----|----|------------|
|                                                                                    | 35  | 10 | 8,5  | 7   | 5   | 13  | 4   | 17,5 | M6       | 10 | 3,5 | 6  | SAS-12-16  |
|                                                                                    | 57  | 20 | 12,5 | 11  | 7   | 17  | 4,5 | 28,5 | M8       | 20 | 4   | 8  | SAS-20     |
|                                                                                    | 71  | 20 | 22   | 19  | 12  | 30  | 11  | 35   | M10x1,25 | 20 | 5   | 14 | SAS-25     |
|                                                                                    | 71  | 20 | 22   | 19  | 12  | 30  | 11  | 35   | M10x1,25 | 20 | 5   | 14 | SAS-32     |
|                                                                                    | 75  | 20 | 22   | 19  | 12  | 30  | 11  | 35   | M12x1,25 | 24 | 5   | 14 | SAS-40     |
|                                                                                    | 103 | 32 | 32   | 30  | 20  | 41  | 9   | 54   | M16x1,5  | 32 | 8   | 22 | SAS-50-63  |
|                                                                                    | 119 | 40 | 32   | 30  | 20  | 41  | 17  | 54   | M20x1,5  | 40 | 8   | 22 | SAS-80-100 |

## U- .. Kontermutter

|  | B        | T  | S  | Typ       |
|-------------------------------------------------------------------------------------|----------|----|----|-----------|
|                                                                                     | M6       | 4  | 10 | U-12-16   |
|                                                                                     | M8       | 5  | 13 | U-20      |
|                                                                                     | M10x1,25 | 6  | 17 | U-25      |
|                                                                                     | M10x1,25 | 6  | 17 | U-32      |
|                                                                                     | M12x1,25 | 7  | 19 | U-40      |
|                                                                                     | M16x1,5  | 8  | 24 | U-50-63   |
|                                                                                     | M20x1,5  | 9  | 30 | U-80-100  |
|                                                                                     | M27x2    | 12 | 41 | U-41-125  |
|                                                                                     | M36x2    | 18 | 55 | U-160-200 |

Abbildungen unverbindlich  
Konstruktions-, Maß- und Werkstoffänderungen vorbehalten

