

## Straight male stud fitting Series C-GAI-R



Main body with nut and cutting ring



B4-Cutting ring

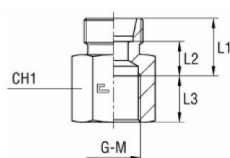


B3-Cutting ring

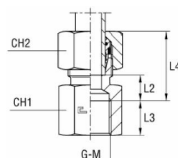
|                         |                                                                                   |
|-------------------------|-----------------------------------------------------------------------------------|
| Design type             | Compression fitting with cutting ring, with B3 or B4 cutting ring                 |
| Male thread             | 1/8...1 1/2"                                                                      |
| Tube outside diameter   | 6...42mm                                                                          |
| Material                | Steel galvanized                                                                  |
| (according to standard) | EN ISO 8434-1 (DIN 2353)                                                          |
| Medium                  | neutral liquids and gases that do not attack the materials used                   |
| Medium temperature      | B3-Cutting ring -40...+120°C<br>B4-Cutting ring NBR -35...+100°C (FKM on request) |
| Operating pressure      | Nominal pressure according to table                                               |



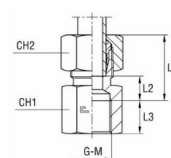
## Dimensions



Main body



with B4 cutting ring



with B3 cutting ring

| Series | PN<br>[bar] | Tube diameter | G     | L1   | L2   | L3   | L4   | CH1 | CH2 | Type<br>Main body | Type<br>with B4 ring | Type<br>with B3 ring |
|--------|-------------|---------------|-------|------|------|------|------|-----|-----|-------------------|----------------------|----------------------|
| L      | 315         | 6             | 1/8   | 16   | 9    | 10   | 23,5 | 14  | 14  | C-GAI06LR1/8X     | C-GAI06ZLR1/8        | C-GAI06LR1/8         |
|        |             | 8             | 1/4   | 17   | 10   | 14   | 25   | 19  | 17  | C-GAI08LR1/4X     | C-GAI08ZLR1/4        | C-GAI08LR1/4         |
|        |             | 10            | 1/4   | 18   | 11   | 14   | 26   | 19  | 19  | C-GAI10LR1/4X     | C-GAI10ZLR1/4        | C-GAI10LR1/4         |
|        |             | 12            | 3/8   | 19   | 12   | 14   | 26,5 | 24  | 22  | C-GAI12LR3/8X     | C-GAI12ZLR3/8        | C-GAI12LR3/8         |
|        |             | 15            | 1/2   | 21   | 14   | 17   | 29   | 27  | 27  | C-GAI15LR1/2X     | C-GAI15ZLR1/2        | C-GAI15LR1/2         |
|        |             | 18            | 1/2   | 21   | 13,5 | 17   | 30   | 27  | 32  | C-GAI18LR1/2X     | C-GAI18ZLR1/2        | C-GAI18LR1/2         |
|        | 160         | 22            | 3/4   | 24   | 16,5 | 19   | 33   | 36  | 36  | C-GAI22LR3/4X     | C-GAI22ZLR3/4        | C-GAI22LR3/4         |
|        |             | 28            | 1     | 23,5 | 16   | 21,5 | 32,5 | 41  | 41  | C-GAI28LR1X       | C-GAI28ZLR1          | C-GAI28LR1           |
|        |             | 35            | 1 1/4 | 28,5 | 18   | 23,5 | 39,5 | 55  | 50  | C-GAI35LR1 1/4X   | C-GAI35ZLR1 1/4      | C-GAI35LR1 1/4       |
|        |             | 42            | 1 1/2 | 28,5 | 17,5 | 25,5 | 40,5 | 60  | 60  | C-GAI42LR1 1/2X   | C-GAI42ZLR1 1/2      | C-GAI42LR1 1/2       |
| S      | 630         | 6             | 1/4   | 19   | 12   | 14   | 27   | 19  | 17  | C-GAI06SR1/4X     | C-GAI06ZSR1/4        | C-GAI06SR1/4         |
|        |             | 8             | 1/4   | 19   | 12   | 14   | 27   | 19  | 19  | C-GAI08SR1/4X     | C-GAI08ZSR1/4        | C-GAI08SR1/4         |
|        |             | 10            | 3/8   | 20   | 12,5 | 14   | 28,5 | 24  | 22  | C-GAI10SR3/8X     | C-GAI10ZSR3/8        | C-GAI10SR3/8         |
|        |             | 12            | 3/8   | 20   | 12,5 | 14   | 28,5 | 24  | 24  | C-GAI12SR3/8X     | C-GAI12ZSR3/8        | C-GAI12SR3/8         |
|        |             | 14            | 1/2   | 23   | 15   | 17   | 33   | 30  | 27  | C-GAI14SR1/2X     | C-GAI14ZSR1/2        | C-GAI14SR1/2         |
|        | 400         | 16            | 1/2   | 23   | 14,5 | 17   | 33   | 30  | 30  | C-GAI16SR1/2X     | C-GAI16ZSR1/2        | C-GAI16SR1/2         |
|        |             | 20            | 3/4   | 26   | 15,5 | 19   | 37   | 36  | 36  | C-GAI20SR3/4X     | C-GAI20ZSR3/4        | C-GAI20SR3/4         |
|        |             | 25            | 1     | 27,5 | 15,5 | 21,5 | 39,5 | 41  | 46  | C-GAI25SR1X       | C-GAI25ZSR1          | C-GAI25SR1           |
|        |             | 30            | 1 1/4 | 32,5 | 19   | 23,5 | 45,5 | 55  | 50  | C-GAI30SR1 1/4X   | C-GAI30ZSR1 1/4      | C-GAI30SR1 1/4       |
|        |             | 315           | 1 1/2 | 34,5 | 18,5 | 25,5 | 49,5 | 60  | 60  | C-GAI38SR1 1/2X   | C-GAI38ZSR1 1/2      | C-GAI38SR1 1/2       |

Illustrations non-binding

Design, dimensional and material changes reserved

Pneumatics / Fittings and couplings / Tube fittings / Tube fittings - Zinc plated steel ISO 8434-1 (DIN 2353) / Straight female fitting Series C-GAI-R

Version 9

138469 / Generated 2026/33 EN

MADE IN EUROPE

+43 512 52076

austria@stasto.eu

© STASTO Automation KG

www.stasto.com

Open series online

Page 2 / 2

