

Straight male stud fitting Series A-GAI-M-71



Main body with nut and cutting ring



B4-Cutting ring

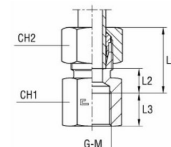
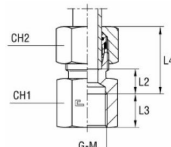
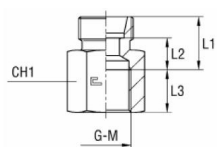


B3-Cutting ring

Design type	Compression fitting with cutting ring, with B3 or B4 cutting ring
Male thread	M10x1...M48x2
Tube outside diameter	6...42mm
Material	Stainless steel 1.4571
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 -60...+200°C B4-Cutting ring FKM -25...+200°C
Operating pressure	Nominal pressure according to table up to 50°C, above 50°C 4,5% Pressure reduction, above 100°C 11% Pressure reduction



Dimensions



Main body

with B4 cutting ring

with B3 cutting ring

Series	PN [bar]	Tube diameter	M	L1	L2	L3	L4	CH1	CH2	Type Main body	Type B4 ring	Type B3 ring
L	315	6	10x1	16	7	12,5	24	14	14	A-GAI06LM10X171X	A-GAI06ZLM10X171	A-GAI06LM10X171
		8	12x1,5	16,5	7	17	24	17	17	A-GAI08LM12X1,571X	A-GAI08ZLM12X1,571	A-GAI08LM12X1,571
		10	14x1,5	17,5	8	17	26	19	19	A-GAI10LM14X1,571X	A-GAI10ZLM14X1,571	A-GAI10LM14X1,571
		12	16x1,5	18,5	9	17	27	22	22	A-GAI12LM16X1,571X	A-GAI12ZLM16X1,571	A-GAI12LM16X1,571
		15	18x1,5	23,5	15	17	29	24	27	A-GAI15LM18X1,571X	A-GAI15ZLM18X1,571	A-GAI15LM18X1,571
		18	22x1,5	21,5	10,5	19	30	30	32	A-GAI18LM22X1,571X	A-GAI18ZLM22X1,571	A-GAI18LM22X1,571
	160	22	26x1,5	23,5	13,5	21	33	32	36	A-GAI22LM26X1,571X	A-GAI22ZLM26X1,571	A-GAI22LM26X1,571
		28	33x2	24	13,5	24	35	41	41	A-GAI28LM33X271X	A-GAI28ZLM33X271	A-GAI28LM33X271
		35	42x2	28	14,5	26	41	55	50	A-GAI35LM42X271X	A-GAI35ZLM42X271	A-GAI35LM42X271
		42	48x2	29	14	28	41	60	60	A-GAI42LM48X271X	A-GAI42ZLM48X271	A-GAI42LM48X271
S	630	6	12x1,5	18,5	9	17	26	17	17	A-GAI06SM12X1,571X	A-GAI06ZSM12X1,571	A-GAI06SM12X1,571
		8	14x1,5	18,5	9	17	26	19	19	A-GAI08SM14X1,571X	A-GAI08ZSM14X1,571	A-GAI08SM14X1,571
		10	16x1,5	19,5	9,5	17	29	22	22	A-GAI10SM16X1,571X	A-GAI10ZSM16X1,571	A-GAI10SM16X1,571
		12	18x1,5	19,5	10,5	17	30	24	24	A-GAI12SM18X1,571X	A-GAI12ZSM18X1,571	A-GAI12SM18X1,571
		14	20x1,5	23,5	12	19	32	27	27	A-GAI14SM20X1,571X	A-GAI14ZSM20X1,571	A-GAI14SM20X1,571
	400	16	22x1,5	23,5	11,5	19	33	30	30	A-GAI16SM22X1,571X	A-GAI16ZSM22X1,571	A-GAI16SM22X1,571
		20	27x2	26	12,5	22	38	36	36	A-GAI20SM27X271X	A-GAI20ZSM27X271	A-GAI20SM27X271
		25	33x2	28	13	24	41	41	46	A-GAI25SM33X271X	A-GAI25ZSM33X271	A-GAI25SM33X271
		30	42x2	33	15,5	26	45	55	50	A-GAI30SM42X271X	A-GAI30ZSM42X271	A-GAI30SM42X271
	315	38	48x2	35	15	28	50	60	60	A-GAI38SM48X271X	A-GAI38ZSM48X271	A-GAI38SM48X271

Illustrations non-binding

Design, dimensional and material changes reserved

Pneumatics / Fittings and couplings / Tube fittings / Tube fittings - Stainless steel AISI 316Ti ISO 8434-1 (DIN 2353) / Straight female fitting Series A-GAI-M-71

Version 10

138523 / Generated 2026/40 EN

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