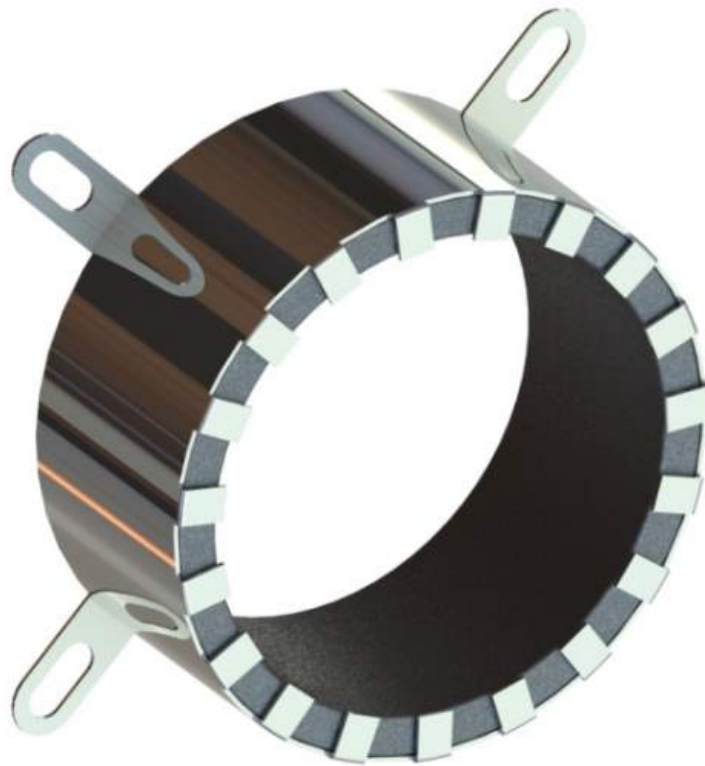




- **Application:** designed for fire protective proofing of passages:
  - flammable pipes,
  - steel and copper pipes insulated with a synthetic foam cover, through separations of fire protection division.
- **Installations:**
  - in walls - two flanges (on both sides of the wall), - in floors - one flange (on the bottom of the floor). Free spaces, width up to 5 mm, between the hole in the wall or in the floor and the pipe or the external insulating cover, pipes are to be filled with fire protection acrylic sealant. Slits of width no greater than 5 mm are to be filled with cement or plaster mass. Detailed rules of installation and the scope of application are defined in the Technical Approval. In order to undergo training and obtain a Contractor Licence, one has to contact representatives of Niczuk Metall-PL.

**FIRE PROTECTION PIPE COLLARS (KO)**

External pipe diameter D [mm]	Collar dimensions			Number of fixtures	Stud length and diameter [mm]	Mass [kg]	Designation for the order	Part number
	A x G [mm]	L [mm]	K [mm]					
25□	111	95	60x2,0	2	M6x60	0,08	KO-25	0620002500
32	120	104	60x2,0	2	M6x60	0,09	KO-32	0620003200
40	124	108	60x2,5	2	M6x60	0,10	KO-40	0620004000
48	135	119	60x4,0	2	M6x60	0,13	KO-48	0620004800
50	140	124	60x6,0	3	M6x60	0,20	KO-50	0620005000
68	150	134	60x6,0	3	M8x80	0,21	KO-68	0620006800
82	166	150	60x6,0	3	M8x80	0,24	KO-82	0620008200
110	176	160	60x9,5	4	M8x80	0,42	KO-110	0620011000
125	196	180	60x9,5	4	M8x80	0,56	KO-125	0620012500
135	208	192	60x9,5	4	M8x80	0,57	KO-135	0620013500
160	250	234	60x17,0	6	M8x80	0,95	KO-160	0620016000
200	331	315	190x18,0	7	M8x80	4,00	KO-200	0620020000
250	381	365	190x24,5	8	M8x80	6,10	KO-250	0620025000
315	431	415	190x28,5	11	M8x80	8,00	KO-315	0620031500
350	480	464	190x28,5	12	M8x80	8,70	KO-350	0620035000
400	532	514	190x28,5	14	M8x80	9,66	KO-400	0620040000



**FIRE PROTECTION PIPE COLLARS (KO)**