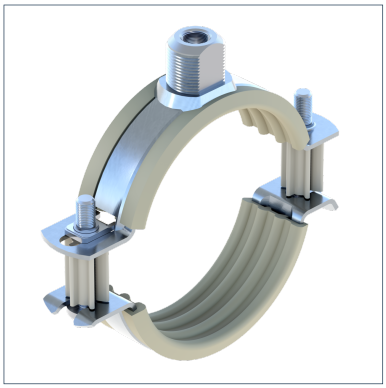
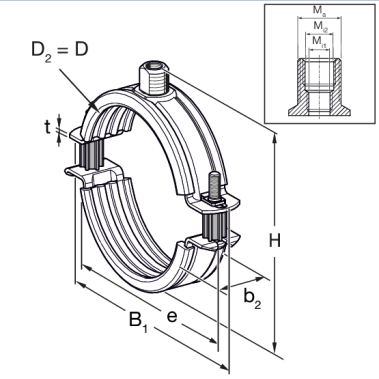
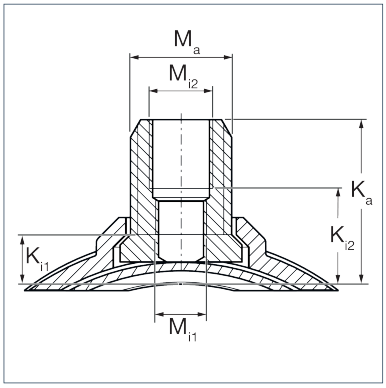
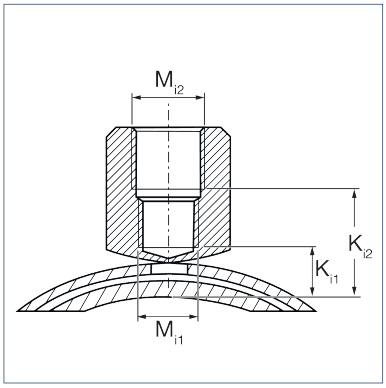
Slide Tube Clamp Ratio S-K









General Information

Two-piece clamp with quick-set clip and special lining for installing coated and uncoated plastic pipes of DIN and ANSI standard. No diffusion of plasticisers from the lining material into the plastic pipe. For ceiling, floor and wall mounting. Connections without adapter: M8, M10. Connections with Adapter (see this chapter): M12, M16, R 1/2', R 3/4' and R 1'. Up to size 110 equipped with spacers which allow sliding. To stop sliding, the spacers can be detached. For sliding installations from 4' on, we recommend the use of Pipe Clamp Stabil D-3G with Slide Set or Slide Element.

Temperature

Max. temperature	110 °C
Min. temperature	-50 °C

Mechanical Properties

Ultimate tensile strength	6.00 N/mm²

Material Properties

Elongation at break	450 %
Hardness	55+ / -5° Shore
Halogen-free	0
UV-resistant	0
Long-term performance	Weatherproof, ageing and ozone- resistant (DIN 53508 and DIN 53509)
Rebound elasticity	45 %

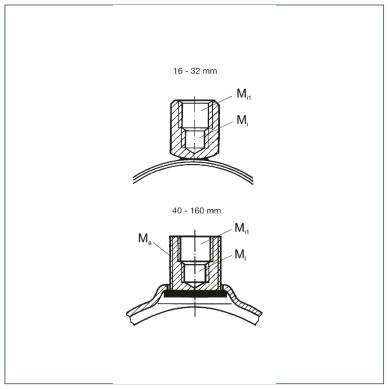
Material

Primary element material	steel
Isolating element material	SBR/EPDM
Connecting element material	steel PP
Surface finish	electro galvanized (Fe//Zn)
Corrosion protection class	C2

Forces

Type	-V{Z,perm.}
RATIO S-K 16	0.65 kN
RATIO S-K 20	0.65 kN
RATIO S-K 25	0.65 kN
RATIO S-K 32	0.65 kN

Slide Tube Clamp Ratio S-K



Type	-V{Z,perm.}
RATIO S-K 40	0.65 kN
RATIO S-K 50	0.65 kN
RATIO S-K 56	0.65 kN
RATIO S-K 63	0.65 kN
RATIO S-K 75	0.65 kN
RATIO S-K 90	1.00 kN
RATIO S-K 110	1.20 kN

Note on loadings

The recommended load is calculated using specific statistical methods relating to break load and is designed to restrict deflection to 1.5 mm or 2 % of the maximum applicable clamping diameter.

Fire Performance

Class B2 according to DIN 4102

Types

Type	Size max.	DN	Thread connection	Weight	Quantity	Part number
RATIO S-K 16	16.00 mm	DN 10 (3/8")	M8/M10	0.060 kg/pcs.	100 pcs.	148771
RATIO S-K 20	20.00 mm	DN 20 (3/4")	M8/M10	0.067 kg/pcs.	100 pcs.	148780
RATIO S-K 25	25.00 mm	DN 25 (1")	M8/M10	0.068 kg/pcs.	100 pcs.	148799
RATIO S-K 32	32.00 mm	DN 32 (1 1/4")	M8/M10	0.077 kg/pcs.	100 pcs.	148805
RATIO S-K 40	40.00 mm	DN 40 (1 1/2")	M8/M10/M16	0.094 kg/pcs.	50 pcs.	148814
RATIO S-K 50	50.00 mm	DN 50 (2")	M8/M10/M16	0.106 kg/pcs.	50 pcs.	148823
RATIO S-K 56	56.00 mm	DN 50 (2")	M8/M10/M16	0.117 kg/pcs.	50 pcs.	148832
RATIO S-K 63	63.00 mm	DN 50 (2")	M8/M10/M16	0.120 kg/pcs.	50 pcs.	148841
RATIO S-K 75	75.00 mm	DN 70	M8/M10/M16	0.145 kg/pcs.	25 pcs.	148850
RATIO S-K 90	90.00 mm	DN 80 (3")	M8/M10/M16	0.229 kg/pcs.	25 pcs.	155993
RATIO S-K 110	110.00 mm	DN 100 (4")	M8/M10/M16	0.341 kg/pcs.	25 pcs.	156000

Dimensions

Type	B1	b2	D	D2	e	H	Ma	Mi1	Mi2	t	Ki1	Ki2
RATIO S-K 16	56 mm	24.5 mm	19 mm	19 mm	40 mm	48.5 mm		M8	M10	1.5 mm	9.44 mm	16.67 mm
RATIO S-K 20	64 mm	24.5 mm	27 mm	27 mm	48 mm	56.5 mm		M8	M10	1.5 mm	9.44 mm	16.67 mm
RATIO S-K 25	64 mm	24.5 mm	27 mm	27 mm	48 mm	56.5 mm		M8	M10	1.5 mm	9.44 mm	16.67 mm

Slide Tube Clamp Ratio S-K

Type	B1	b2	D	D2	e	H	Ma	Mi1	Mi2	t	Ki1	Ki2
RATIO S-K 32	76 mm	24.5 mm	34 mm	34 mm	60 mm	63.5 mm		M8	M10	1.5 mm	9.44 mm	16.67 mm
RATIO S-K 40	85 mm	24.5 mm	46 mm	46 mm	70 mm	72.5 mm	M16	M8	M10	1.5 mm	7.59 mm	14.63 mm
RATIO S-K 50	96 mm	24.5 mm	56 mm	56 mm	80 mm	82.5 mm	M16	M8	M10	1.5 mm	7.59 mm	14.63 mm
RATIO S-K 56	106 mm	24.5 mm	62 mm	62 mm	90 mm	88.5 mm	M16	M8	M10	1.5 mm	7.59 mm	14.63 mm
RATIO S-K 63	106 mm	24.5 mm	64 mm	64 mm	92 mm	90.5 mm	M16	M8	M10	1.5 mm	7.59 mm	14.63 mm
RATIO S-K 75	124 mm	24.5 mm	80 mm	80 mm	110 mm	106.5 mm	M16	M8	M10	1.5 mm	7.59 mm	14.63 mm
RATIO S-K 90	140.5 mm	30.5 mm	89.4 mm	89.4 mm	123 mm	120.5 mm	M16	M8	M10	2 mm	10.14 mm	17.19 mm
RATIO S-K 110	182 mm	34.5 mm	116.2 mm	116.2 mm	161 mm	147.5 mm	M16	M8	M10	2 mm	10.14 mm	17.19 mm

Certification