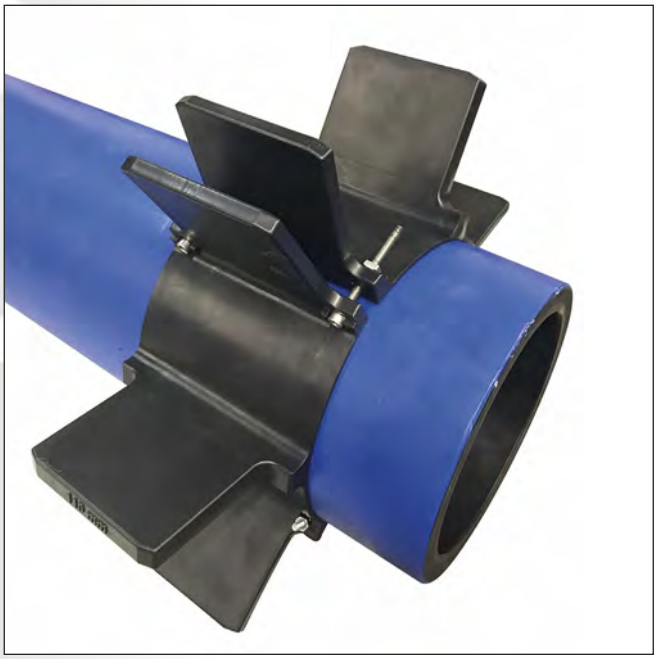
Insulator Type KAS 1 & KAS 2



KAS 1 short element

KAS 2 long element

- with new innovative skid design
- from UV stabilized black polypropylene
- for carrier pipes with 98 mm to 380 mm OD
- width 150 mm
- skid heights 25, 36, 50, 75, 90,110 mm
- working temperature -10° C to + 90° C
- providing dielectric, conducting insulation and cathodic protection >10 KV / mm
- assembly uses stainless steel bolts with hexagon socket heads
- easy to mount as all bolts are arranged outside the skids
- nuts have optimized locations
- maximum static loading
  – skid height 25, 36, 50 mm; max. 750 kg per ring
  – skid height 75, 90,100 mm; max. 500 kg per ring

Stated maximum loads are under static conditions.
Dynamic forces must be considered individually.

The **KONEX** INTERNATIONAL guarantee for KAS insulators is limited to failures in the material.
The user is responsible for their individual application.

carrier pipe OD/mm		number of elements/ring		screws
min.	max.	KAS 1	KAS 2	number/size
98	130	3		6 M6 x 70
130	172	4		8 M6 x 70
173	210	5		10 M6 x 70
211	228		3	6 M6 x 70
229	260	1	3	8 M6 x 70
261	300		4	8 M6 x 70
301	345	1	4	10 M6 x 70
346	380		5	10 M6 x 70

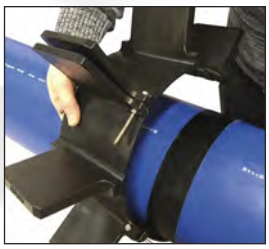
KONEX INTERNATIONAL • D-79771 Klettgau-Erzingen • Saizig 5 • Germany
Tel. +49 (0) 7742 4399 • Fax. +49 (0) 7742 1083 • export@konex-international.com • www.konex-international.com

Insulator Type KAS 1 & KAS 2
Assembly Instructions

- before connecting the elements together, prepare the number of insulator elements and bolts required in accordance to our selection tables. We recommend the placing of two insulator rings at each end of the carrier pipe.
- as a first step, screw each nut just a few turns onto the bolts but not up to the insulator ring at this stage
- K O N E X anti-slip tape provides an ideal fixation for insulator rings on the smooth surfaces of all types of pipes
- when assembling, arrange the already prepared insulator rings so that they are equally spaced around the carrier pipe. Then evenly tighten each bolt using a maximum torque of 8 Nm. Ensure an equal interspace exists between all elements. During tightening, the square nut heads must be firmly located in the respective cavity on the insulator.
- depending on the pipe dimension it may not always be necessary to draw the insulator rings completely together

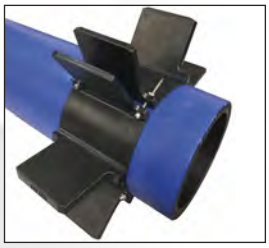
Anti-slip tape

Apply ring



Screw each nut just a few turns onto the bolts

Fasten evenly



Assembled insulator

KONEX INTERNATIONAL • D-79771 Klettgau-Erzingen • Saizig 5 • Germany
Tel. +49 (0) 7742 4399 • Fax. +49 (0) 7742 1083 • export@konex-international.com • www.konex-international.com