

Standard energy chains do not allow lateral displacements or torsion movements. They are made of rigid material with the set on maximum unsupported length and show a straight, hard running. The energy chains SYSTEM ALLROUND open new opportunities.

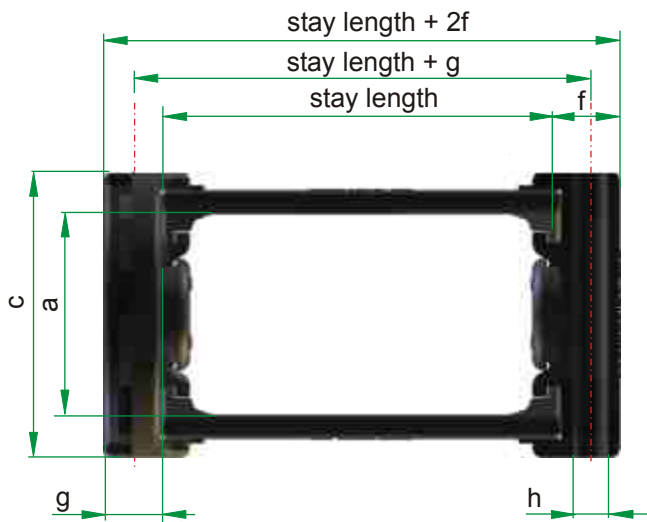
By using a highly flexible link-material (thermoset elastomer) offers SYSTEM ALLROUND countless exercise options without additional design efforts.

The high flexibility of the SYSTEM ALLROUND makes the combination of several movements. The combination of two linear motion is a possible.

Just as well combined rotary or oscillating movements may overlap to simple linear movements. Thus, if there is sufficient chain length, lateral pivoting movements of 90° and axial rotation of 180° are achieved.

An almost limitless range of motion is given in a hanging arrangement at sufficient chain length.

Practical examples demonstrate the versatility of the SYSTEMALLROUND:



ALLROUND	bend radius R	pitch	a	c	f	g	stay length [mm]
PKK 210	65 75 100 125 150 200 300	65	34	50	10	10	50...200 (see PKK)
PKK 240	75 100 150 200 300	65	44	60	10	10	50...200 (see PKK)
PKK 310	100 130 150 200 300 400	90	51	75	12	12	50...300 (see PKK)
PKK 340	100 130 150 200 300 400	90	60	85	12	15	50...300 (see PKK)
PKK 520	150 200 300 400 500	115	80	104	20	14	50...300 (see PKK)

The connector links of the SYSTEM ALLROUND are manufactured in the standard material PA 6 GF 35. A combination of standard links and ALLROUND links achieve applications with specific features are available on request.

order example:

PKK 220 / 200 x 3510 / 100 ALLROUND
type radius X length / stay variant