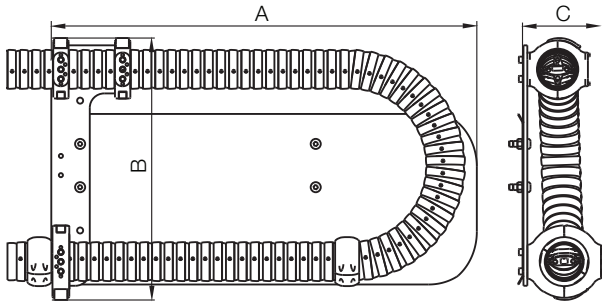


Triflex® RS - Installation Dimensions



Triflex® RS - Fastening point, right

Universal module	Part No.	A	B	C
TRS for Series		[mm]	[mm]	[mm]
TRC.40/TRE.40	▶ TRC/TRE.RS.40.R	620	301	95
TRC.60/TRE.60	▶ TRC/TRE.RS.60.R	885	528	150
TRC.70/TRE.70	▶ TRC/TRE.RS.70.R	885	545	167
TRC.85/TRE.85	▶ TRC/TRE.RS.85.R	885	565	167
TRC.100/TRE.100	▶ TRC/TRE.RS.100.R	912,5	614	167

Triflex® RS - Fastening point, right, with cover

Universal module	Part No.	A	B	C
TRS for Series		[mm]	[mm]	[mm]
TRC.40/TRE.40	▶ TRC/TRE.RS.40.RC	620	301	95
TRC.60/TRE.60	▶ TRC/TRE.RS.60.RC	885	528	150
TRC.70/TRE.70	▶ TRC/TRE.RS.70.RC	885	545	167
TRC.85/TRE.85	▶ TRC/TRE.RS.85.RC	885	565	167
TRC.100/TRE.100	▶ TRC/TRE.RS.100.RC	912,5	614	167

Triflex® RS - Fastening point, left

Universal module	Part No.	A	B	C
TRS for Series		[mm]	[mm]	[mm]
TRC.40/TRE.40	▶ TRC/TRE.RS.40.L	620	301	95
TRC.60/TRE.60	▶ TRC/TRE.RS.60.L	885	528	150
TRC.70/TRE.70	▶ TRC/TRE.RS.70.L	885	545	167
TRC.85/TRE.85	▶ TRC/TRE.RS.85.L	885	565	167
TRC.100/TRE.100	▶ TRC/TRE.RS.100.L	912,5	614	167

Triflex® RS - Fastening point, left, with cover

Universal module	Part No.	A	B	C
TRS for Series		[mm]	[mm]	[mm]
TRC.40/TRE.40	▶ TRC/TRE.RS.40.LC	620	301	95
TRC.60/TRE.60	▶ TRC/TRE.RS.60.LC	885	528	150
TRC.70/TRE.70	▶ TRC/TRE.RS.70.LC	885	545	167
TRC.85/TRE.85	▶ TRC/TRE.RS.85.LC	885	565	167
TRC.100/TRE.100	▶ TRC/TRE.RS.100.LC	912,5	614	167

Fastening point, right



Triflex® R-Set with cover for the additional support of switch cabinets or valve terminals

Triflex® R - More accessories available now ...



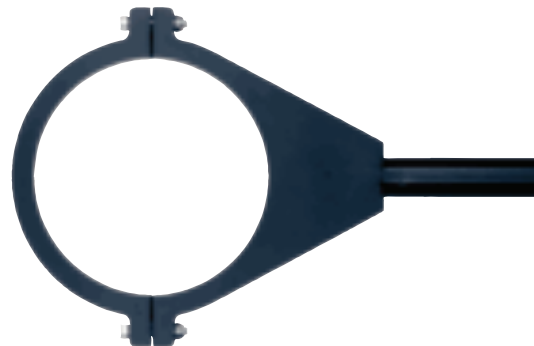
Triflex® R-Set with cover (barrier)

- Creates more mounting space on robots - e.g. for switch cabinets or valve terminals
- For upside down applications
- Enables the use of Triflex® RS in applications with extreme movements



43 Adapter brackets for robots from stock

- 43 adapter bracket types from stock for many different robots
- For all Triflex® RS modules
- For assembly to the side or on top
- Free download of 3D CAD files for many brackets ▶ www.igus.eu/triflexbrackets



Triflex® R fixation to axis 6
Part No. TR.907.667.Inner Ø

- One axis diameter (Ø30 mm) for all robots
- Easy and fast assembly
- For Triflex® R mounting bracket with CFX clamps (TR.XX.20.30)
- Für Triflex® R mounting bracket with tiwrap plates (TR.XX21.30)
- For TR.XX.22.30 Quick exchange kit

Triflex® R

Phone +49- (0) 22 03-96 49-800
Fax +49- (0) 22 03-96 49-222



igus® E-ChainSystems®

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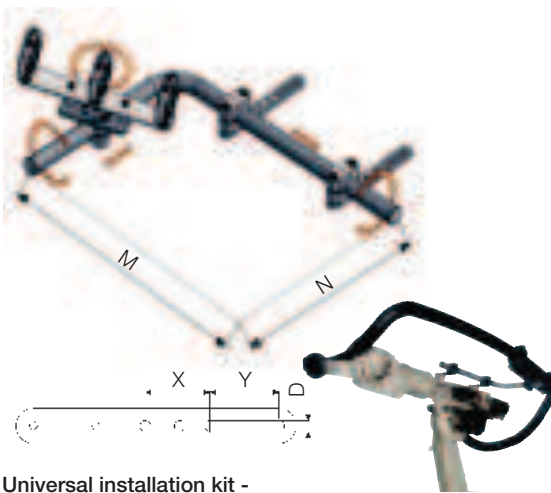
igus® GmbH
51147 Cologne

Internet: www.igus.eu
E-mail: info@igus.de

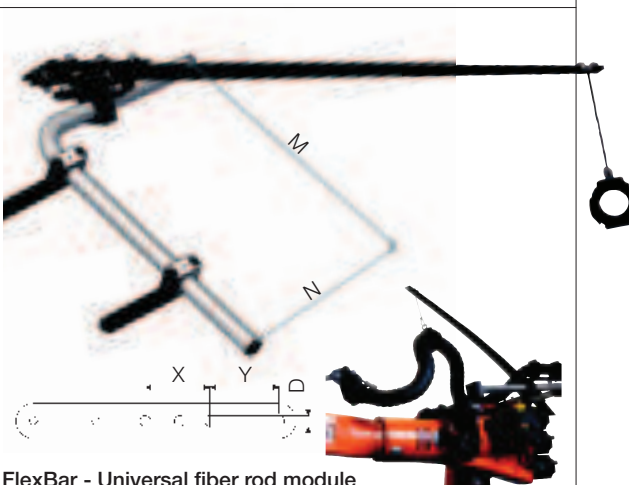
Other accessories available for special applications...



Fiber rod modules - Intelligent problem solution through directed pretension (for TRC/TRE)



Universal installation kit - Easy engineering of the fiber rods (for TRC/TRE)



FlexBar - Universal fiber rod module for extreme robotic movements (for TRC/TRE)

The igus® universal module as standard Triflex® R-Set ► page 2.22

Fiber rod module, universal assembly kit and FlexBar as individual parts for Triflex® R

Fiber rod module: For applications where too much flexibility is not desired. **Universal installation kit:** Universal installation kit allows the attachment of fiber rod modules in any given position, relative to the robotic arm. **FlexBar:** For robot-applications with extreme movements in the 4th to 6th axis and avoidance from loops

Product range - Fiber rods

	Part No. TRC/TRE with mounted fiber rods	Length ca.	max. load
		[m]	[kg/m]
Triflex® R 40	TRC.F.40.1000.1.0/TRE.F.40.1000.1.0	1,0	0,4
	TRC.F.40.0900.1.0/TRE.F.40.0900.1.0	0,9	0,5
	TRC.F.40.0800.1.0/TRE.F.40.0800.1.0*	0,8	0,6
	TRC.F.40.0700.1.0/TRE.F.40.0700.1.0	0,7	0,7
	TRC.F.40.0600.1.0/TRE.F.40.0600.1.0	0,6	0,8
	TRC.F.40.0500.1.0/TRE.F.40.0500.1.0	0,5	0,9
Triflex® R 60	TRC.F.60.1400.1.0/TRE.F.60.1400.1.0	1,4	1,0
	TRC.F.60.1200.1.0/TRE.F.60.1200.1.0	1,2	1,2
	TRC.F.60.1000.1.0/TRE.F.60.1000.1.0*	1,0	1,4
	TRC.F.60.0800.1.0/TRE.F.60.0800.1.0	0,8	1,6
	TRC.F.60.0600.1.0/TRE.F.60.0600.1.0	0,6	1,8
Triflex® R 70	TRC.F.70.1800.1.0/TRE.F.70.1800.1.0	1,8	1,4
	TRC.F.70.1600.1.0/TRE.F.70.1600.1.0	1,6	1,6
	TRC.F.70.1400.1.0/TRE.F.70.1400.1.0	1,4	1,8
	TRC.F.70.1200.1.0/TRE.F.70.1200.1.0*	1,2	2
Triflex® R 85	TRC.F.85.2000.1.0/TRE.F.85.2000.1.0	2,0	1,4
	TRC.F.85.1800.1.0/TRE.F.85.1800.1.0	1,8	1,7
	TRC.F.85.1600.1.0/TRE.F.85.1600.1.0	1,6	1,9
	TRC.F.85.1400.1.0/TRE.F.85.1400.1.0*	1,4	2,1
	TRC.F.85.1200.1.0/TRE.F.85.1200.1.0	1,2	2,3
	TRC.F.85.1000.1.0/TRE.F.85.1000.1.0	1,0	2,6
Triflex® R 100	TRC.F.100.2000.1.0/TRE.F.100.2000.1.0	2,0	1,6
	TRC.F.100.1800.1.0/TRE.F.100.1800.1.0	1,8	2,0
	TRC.F.100.1400.1.0/TRE.F.100.1400.1.0*	1,4	2,4
	TRC.F.100.1600.1.0/TRE.F.100.1600.1.0	1,6	2,2
	TRC.F.100.1200.1.0/TRE.F.100.1200.1.0	1,2	2,6
	TRC.F.100.1000.1.0/TRE.F.100.1000.1.0	1,0	3,0

*recommended lengths of the fiber rods

Product range - Universal installation kit

Installation kit for Series	Part No.	X [mm]	Y [mm]	M [mm]	N [mm]	D [mm]
TRC/TRE.40	► TR.40.80	40	30	475	325	6,3
TRC/TRE.60	► TR.60.80	40	30	475	325	6,3
TRC/TRE.70	► TR.70.80	75	80	875	575	12,5
TRC/TRE.85	► TR.85.80	75	80	875	575	12,5
TRC/TRE.100	► TR.100.80	75	80	875	575	12,5

Product range - FlexBar

FlexBar for Series	Part No.	X [mm]	Y [mm]	M [mm]	N [mm]	D [mm]
TRC/TRE.60	► TR.60.90	40	30	475	325	6,3
TRC/TRE.70	► TR.70.90	75	80	875	575	12,5
TRC/TRE.85	► TR.85.90	75	80	875	575	12,5
TRC/TRE.100	► TR.100.90	75	80	875	575	12,5