

triflex® R TRL

TRL - light and cost-effective with "easy" design

High tensile strength thanks to special ball and socket design

Defined torsion stop, allows free movement in any direction but still protects the cables

"Easy" design for fast filling with cables and hoses

Easy assembly and disassembly

Extremely lightweight due to one-piece design

Small bend radii and short pitch

Mounting bracket with strain relief also available as intermediate bracket

Lightweight and cost-effective - TRL

- Very easy to fill
- Multi-axis e-chain® for simple applications
- Easy to lengthen and shorten

Typical industries and applications

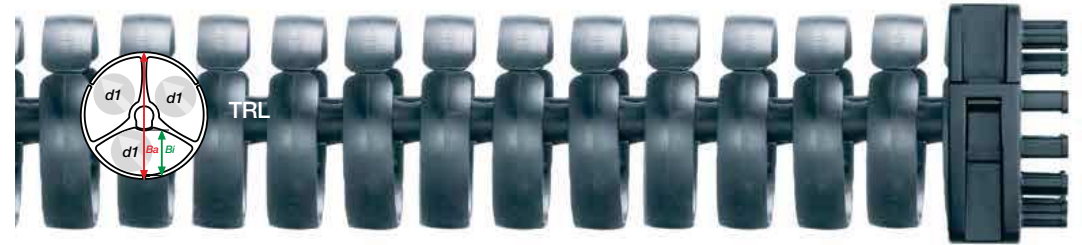
- Robot axes 1-3
- Non-robotic applications
- Bundling cables for operator controls
- Filament feeds on 3D printers
- Office applications



2007 igus® Series TRL

Product range

Robotic applications, light and cost-effective

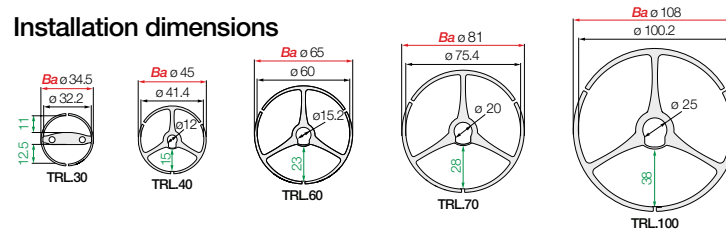


e-chains® | Series TRL | Light version with "easy" design - simply press cables in

Part No.	Bi1	Bi2	Ba	R	d1	d2	Pitch	Links	Weight
e-chains®	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	per m	[kg/m]
TRL.30.050.0 ¹⁾	12.5	11	34.5	050	10	8	11.3	89	≈ 0.26
TRL.40.058.0	15	-	45	058	13	-	13.9	72	≈ 0.29
TRL.60.087.0	23	-	65	087	20.5	-	20.4	49	≈ 0.49
TRL.70.110.0	28	-	81	110	26	-	25.6	39	≈ 0.82
TRL.100.145.0	38	-	108	145	35.5	-	34.5	29	≈ 1.42

1) Only available with 2-chamber design

Installation dimensions



Available from stock. Ready to ship in 24 - 48hrs.*
*Average time before the ordered goods are dispatched.