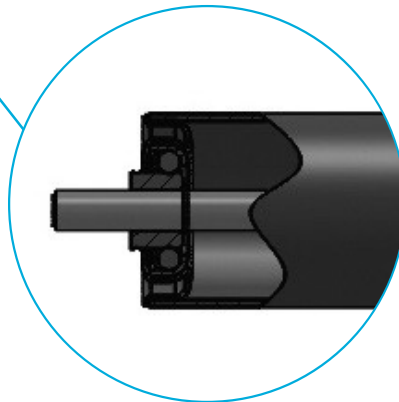
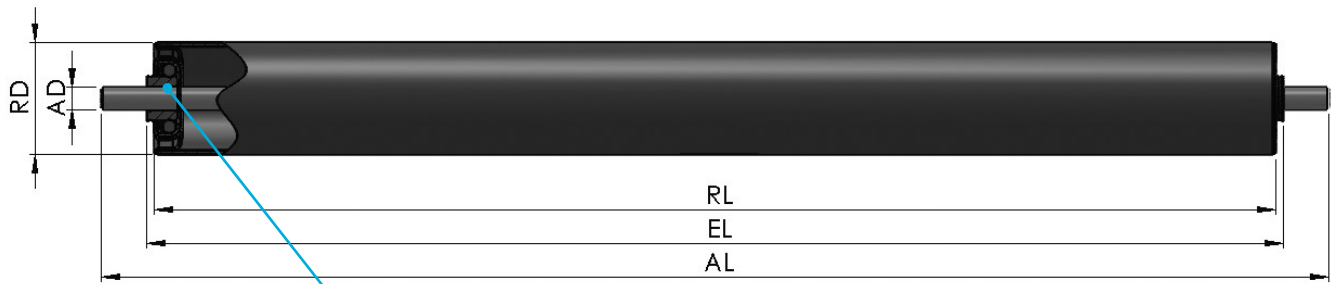


gravity-driven carrier rollers // up to 160 kg



TRG

Areas of use:

- for conveying lightweight to medium-weight products on a non-gravity-driven roller conveyor
- dust-free and dry environment
- for use in enclosed rooms

Bearing:

- galvanized steel sheet base with tapered steel ball bearing

Properties:

- light-running
- temperature range: -5 to +80° C
- speed: 0.6 m/s
- load capacity: max. 160 kg/roller
(Depending on the load limit of the tubes, bearings and axle; refer to the general information)

Optional:

- variety of coatings are available
- tube and axle made from stainless steel
- antistatic
- with flanges

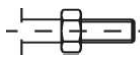

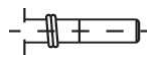
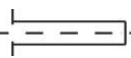
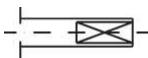


“Standard carrier rollers are available directly from stock – see page 551”

Combination

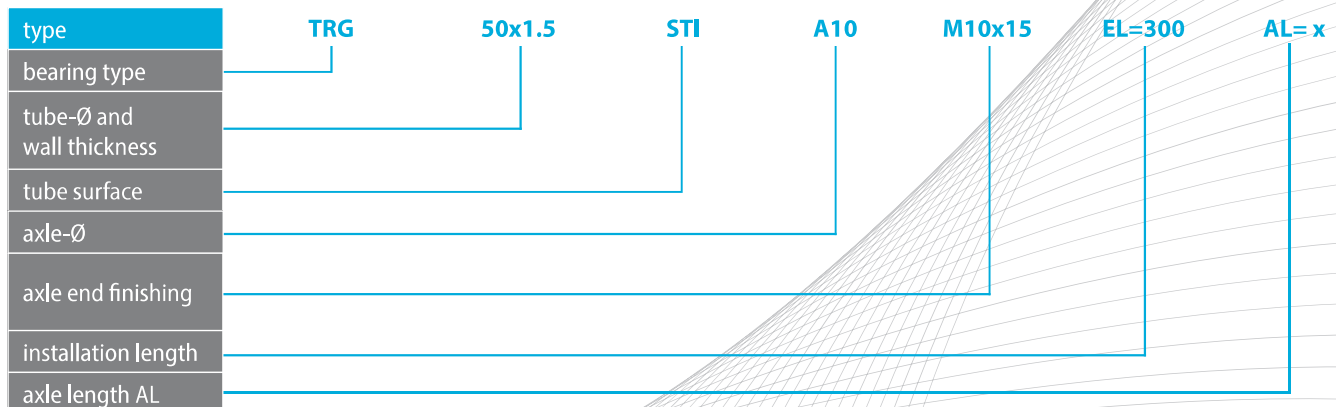
tube-Ø	axle-Ø	ST	STI	STP	N
30 x 1.5	8 / 10	x	x	x	
40 x 1.5	8 / 10 / SK11 / 12	x	x	x	x
50 x 1.5	8 / 10 / SK11 / 12	x	x	x	x
50 x 2	8 / 10 / SK11 / 12	x	x	x	x
60 x 2	8 / 10 / SK11 / 12	x	x	x	x
80 x 2	8 / 10 / SK11 / 12	x	x	x	x

Axle type

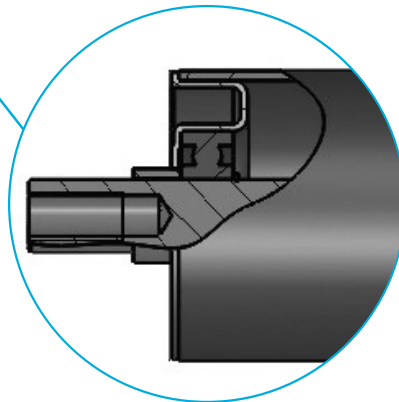
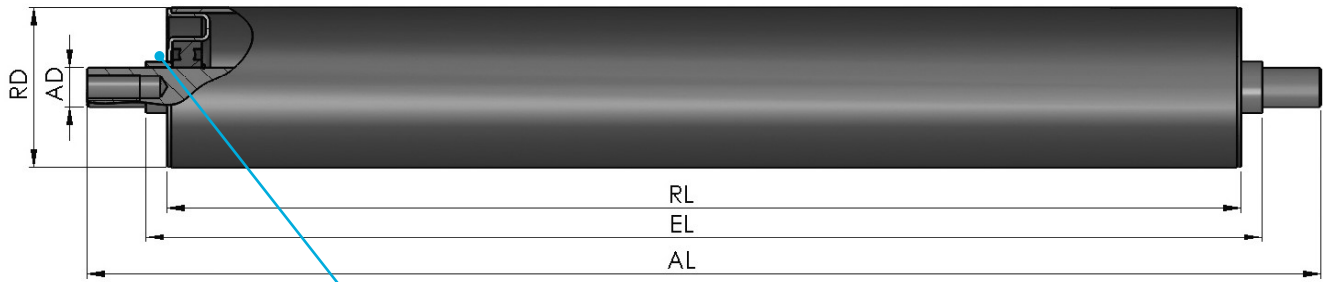
tube-Ø mm	axle-Ø mm	EL=	 external thread	 internal thread	 spring axle	 flat	 spanner flat
30 / 40 / 50 / 60	8	RL +	19	6	6	6	6
30 / 40 / 50 / 60	10	RL +	18	6	6	6	6
40 / 50 / 60	SK11	RL +			6		
40 / 50 / 60	12	RL +	20	6	6	6	6
80 x 2	10	RL +	20	6	6	6	6
80 x 2	SK11	RL +			10		
80 x 2	12	RL +	22	10	10	10	10

 "The axle length and installation length change depending on the type of axle end finishing"

Order example



gravity-driven carrier rollers // up to 240 kg



TRK

Areas of use:

- for conveying medium-weight to heavy products on a gravity-driven roller conveyor or as a power-driven roller
- for dust-free and dry environments

Bearing:

- galvanized steel sheet base with precision deep-groove ball bearing

Properties:

- temperature range: -5 to +60° C
- speed: max. 1.2 m/s
- load capacity: max. 240 kg/roller
(Depending on the load limit of the tubes, bearings and axle; refer to the general information)

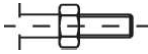
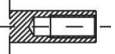
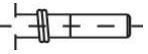

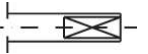
Optional:

- variety of coatings are available
- RS ZZ bearing for dusty environments
- tube and axle made from stainless steel
- antistatic
- with flanges
- for heated and cold storage applications

Combination

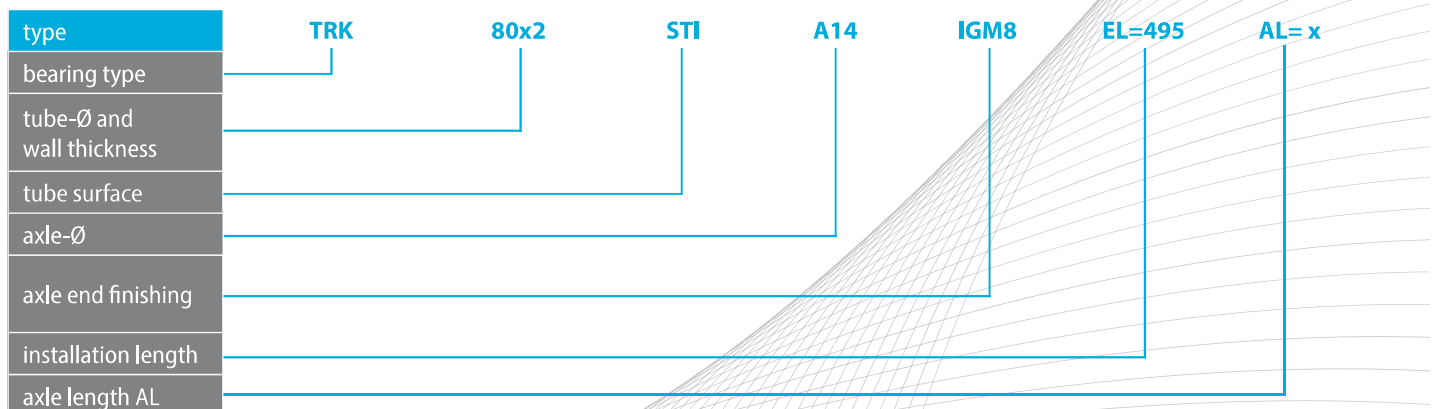
tube-Ø	axle-Ø	ST	STI	STP	N
50 x 1.5	10 / SK11 / 12 / 14 / 15 / 17	x	x	x	x
50 x 2	10 / SK11 / 12 / 14 / 15 / 17	x	x	x	x
60 x 2	10 / SK11 / 12 / 14 / 15 / 17	x	x	x	
80 x 2	10 / SK11 / 12 / 14 / 15 / 17	x	x	x	x

Axle type

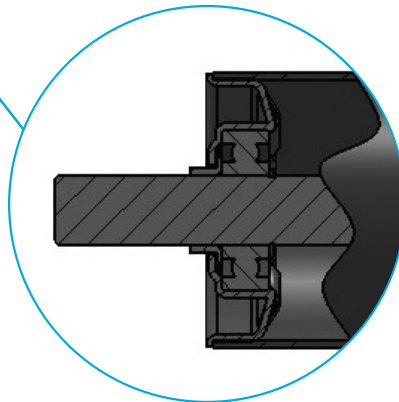
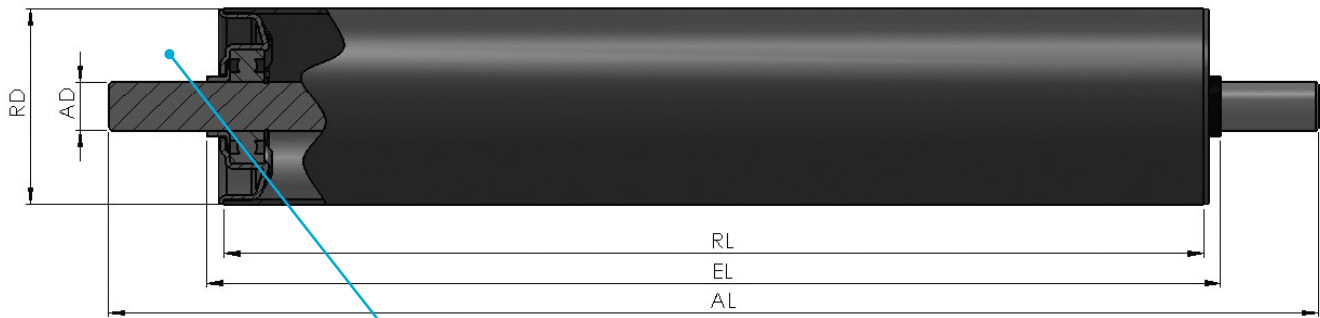
axle-Ø mm	EL=	 external thread	 internal thread	 spring axle	 flat	 spanner flat
10	RL +	22	10	10	10	10
SK11	RL +			10		
12	RL +	24	10	10	10	10
14	RL +	26	10	10	10	10
15	RL +		10	10	10	10
17	RL +	26	10	10	10	10

 "The axle length and installation length change depending on the type of axle end finishing"

Order example



gravity-driven carrier rollers // up to 400 kg



TRKS

Areas of use:

- for conveying very heavy products on a gravity-driven roller conveyor or as a power-driven roller
- for dust-free and dry environments

Bearing:

- galvanized steel sheet base with precision deep-groove ball bearing

Properties:

- temperature range: -5 to +80° C
- speed: 1.2 m/s
- load capacity: max. 400 kg/roller
(Depending on the load limit of the tubes, bearings and axle; refer to the general information)

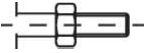
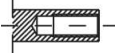

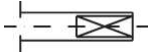
Optional:

- variety of coatings are available
- RS/ZZ bearing for dusty environments
- tube and axle made from stainless steel
- antistatic
- for heated and cold storage applications
- with flanges

Combination

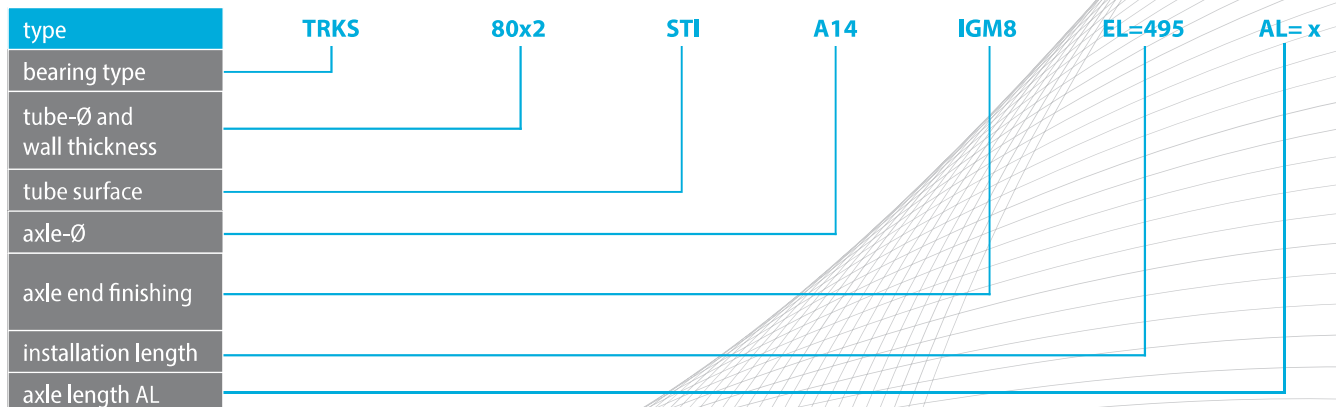
tube-Ø	axle-Ø	ST	STI	STP	N
63.5 x 2.9	20	x	x		
80 x 2	17 / 20 / 25	x	x	x	x
88.9 x 2.9	17 / 20 / 25	x	x	x	x
108 x 3.6	17 / 20 / 25	x	x		

Axle type

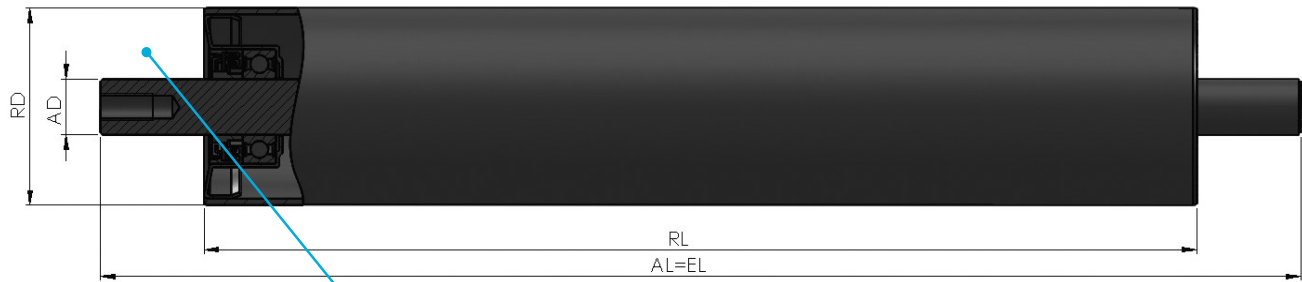
axle-Ø mm	EL=	 external thread	 internal thread	 flat	 spanner flat
17	RL +	26	10	10	10
20	RL +	28	10	10	10
25	RL +	30	10	10	10

 "The axle length and installation length change depending on the type of axle end finishing"

Order example



gravity-driven carrier rollers // up to 500 kg



TGF

Areas of use:

- for conveying very heavy products on a gravity-driven roller conveyor or as a power-driven roller
- for dusty, dirty and dry environments

Bearing:

- deep-drawn steel sheet base, welded to the tube, with precision ball bearing
- multiple-labyrinth seal: high-quality lithium grease is used to provide permanent lubrication
- additional protection provided by rain cap

Properties:

- very sturdy design and high-quality bearing protection
- temperature range: -5 to +80° C
- load capacity: max. 500 kg/roller
(Depending on the load limit of the tubes, bearings and axle; refer to the general information)

Optional:

- variety of coatings are available
- bearing, bearing retainer, tube and axle made from stainless steel
- for heated and cold storage applications
- with welded-on flanges
- with support rings and buffer rings

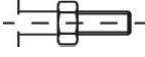

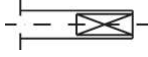


“Standard carrier rollers are available directly from stock – see page 552”

Combination

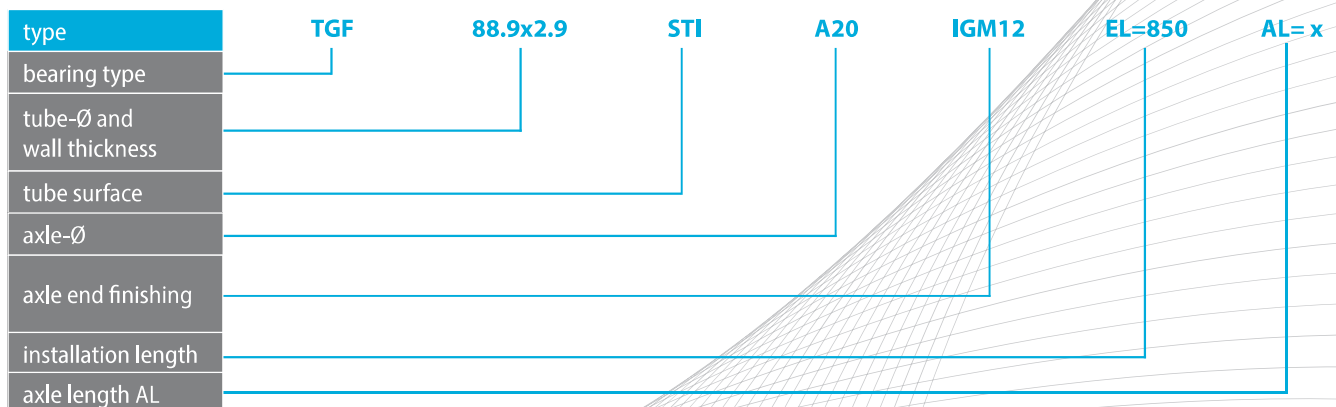
tube-Ø	axle-Ø	ST	STI	STP	STL
51 x 2.9	20	x	x		x
63.5 x 2.9	20	x	x		x
80 x 2	20	x	x	x	x
88.9 x 2.9	20 / 25 / 30	x	x	x	x
108 x 3.6	20 / 25 / 30	x	x		x
133 x 3.6	20 / 25 / 30	x	x		x
159 x 4.5	20 / 25 / 30	x	x		x

Axle type

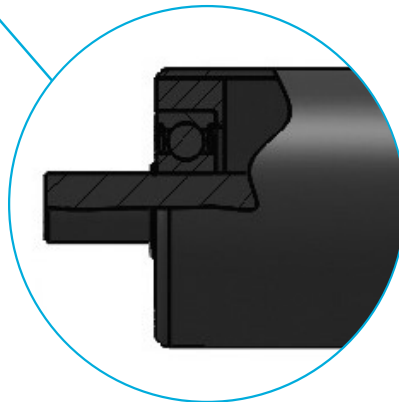
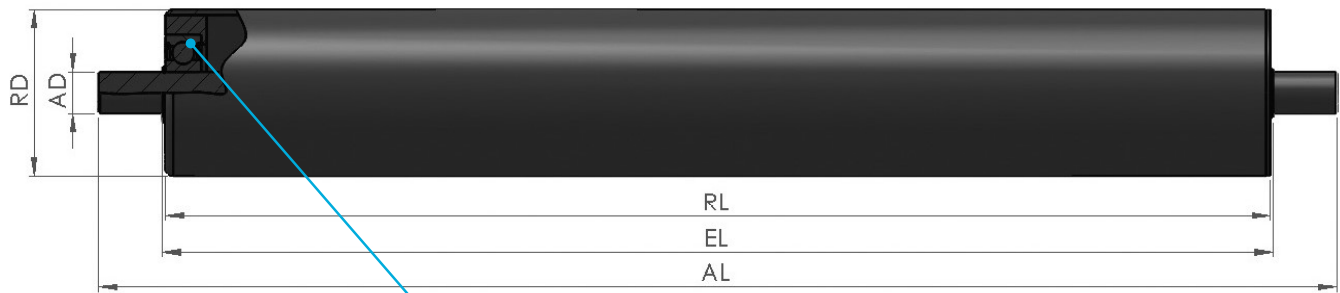
axle-Ø mm	EL=	 external thread	 internal thread	 spanner flat
20	RL +	24	6	6
25	RL +	24	6	6
30	RL +	24	6	6

 "The axle length and installation length change depending on the type of axle end finishing"

Order example



gravity-driven carrier rollers // up to 1,000 kg



TGFS

Areas of use:

- for conveying very heavy products on a gravity-driven roller conveyor or as a power-driven roller
- for dust-free and dry environments

Bearing:

- with screwed-in bearing seat directly in the tube, welded, with precision deep-groove ball bearing

Properties:

- sturdy bearing insert and robust overall construction
- larger tube wall thickness and axle diameter
- high load capacity, depending on the particular type (Depending on the load limit of the tubes, bearings and axle; refer to the general information)

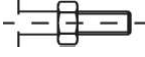

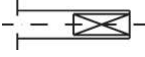
Optional:

- variety of coatings are available
- bearing ball, tube, and axle in stainless steel
- RS/ZZ bearing for dusty environments
- self-aligning bearing
- for heated and cold storage applications
- with flanges

Combination

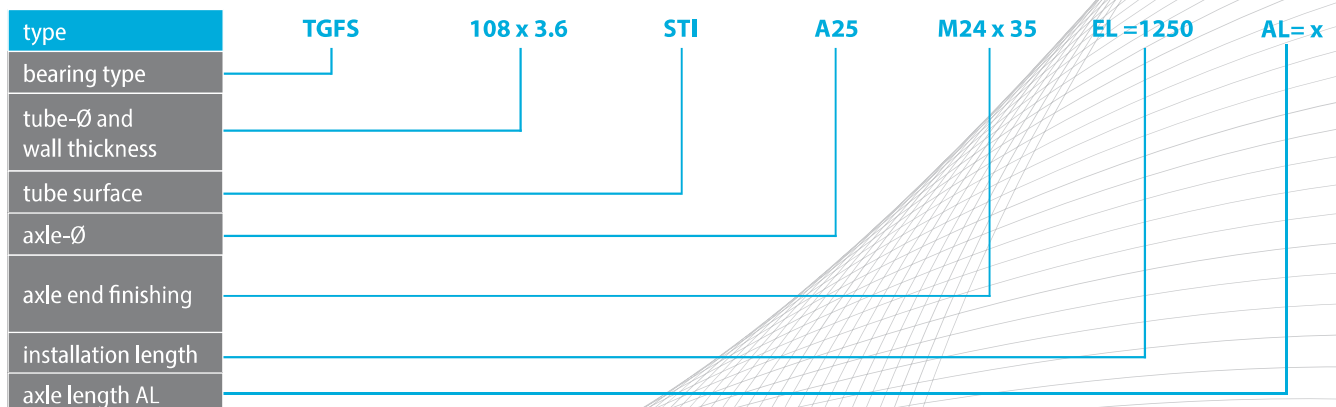
tube-Ø	axle-Ø	ST	STI	STP	N
63.5 x 2.9	20 / 25	x	x		
80 x 2	20 / 25	x	x	x	x
80 x 3	20 / 25	x	x	x	
88.9 x 2.9	20 / 25	x	x	x	x
108 x 3.6	20 / 25	x	x		
133 x 3.6	20 / 25	x	x		
159 x 4.5	20 / 25	x	x		

Axle type

axle-Ø mm	EL=	 external thread	 internal thread	 spanner flat
20	RL +	26	6	6
25	RL +	26	6	6

 "The axle length and installation length change depending on the type of axle end finishing"

Order example



carrier rollers	tube-Ø mm	material of tube	axle-Ø mm	axle end finishing	roller length mm	Installation length mm	axle length mm
TRG-50x1,5-STI-A12-IGM8-EL=200 Ident No.: 0022776	50	steel galvanized	12	internal thread	194	200	200
TRG-50x1,5-STI-A12-IGM8-EL=300 Ident No.: 0022777	50	steel galvanized	12	internal thread	294	300	300
TRG-50x1,5-STI-A12-IGM8-EL=400 Ident No.: 0022778	50	steel galvanized	12	internal thread	394	400	400
TRG-50x1,5-STI-A12-IGM8-EL=500 Ident No.: 0022779	50	steel galvanized	12	internal thread	494	500	500
TRG-50x1,5-STI-A12-IGM8-EL=600 Ident No.: 0022780	50	steel galvanized	12	internal thread	594	600	600



carrier rollers	tube-Ø mm	material of tube	axle-Ø mm	axle end finishing	roller length mm	Installation length mm	axle length mm
TRG-60x2-STI-A12-IGM8-EL=200 Ident No.: 0022781	60	steel galvanized	12	internal thread	194	200	200
TRG-60x2-STI-A12-IGM8-EL=300 Ident No.: 0022782	60	steel galvanized	12	internal thread	294	300	300
TRG-60x2-STI-A12-IGM8-EL=400 Ident No.: 0022783	60	steel galvanized	12	internal thread	394	400	400
TRG-60x2-STI-A12-IGM8-EL=500 Ident No.: 0022784	60	steel galvanized	12	internal thread	494	500	500
TRG-60x2-STI-A12-IGM8-EL=600 Ident No.: 0022785	60	steel galvanized	12	internal thread	594	600	600



carrier rollers	tube-Ø mm	material of tube	axle-Ø mm	axle end finishing	roller length mm	Installation length mm	axle length mm
TRG-80x2-STI-A12-IGM8-EL=200 Ident No.: 0022786	80	steel galvanized	12	internal thread	190	200	200
TRG-80x2-STI-A12-IGM8-EL=300 Ident No.: 0022787	80	steel galvanized	12	internal thread	290	300	300
TRG-80x2-STI-A12-IGM8-EL=400 Ident No.: 0022788	80	steel galvanized	12	internal thread	390	400	400
TRG-80x2-STI-A12-IGM8-EL=500 Ident No.: 0022789	80	steel galvanized	12	internal thread	490	500	500
TRG-80x2-STI-A12-IGM8-EL=600 Ident No.: 0022790	80	steel galvanized	12	internal thread	590	600	600
TRG-80x2-STI-A12-IGM8-EL=700 Ident No.: 0022791	80	steel galvanized	12	internal thread	790	800	800



**"All carrier rollers are available
directly from stock"**