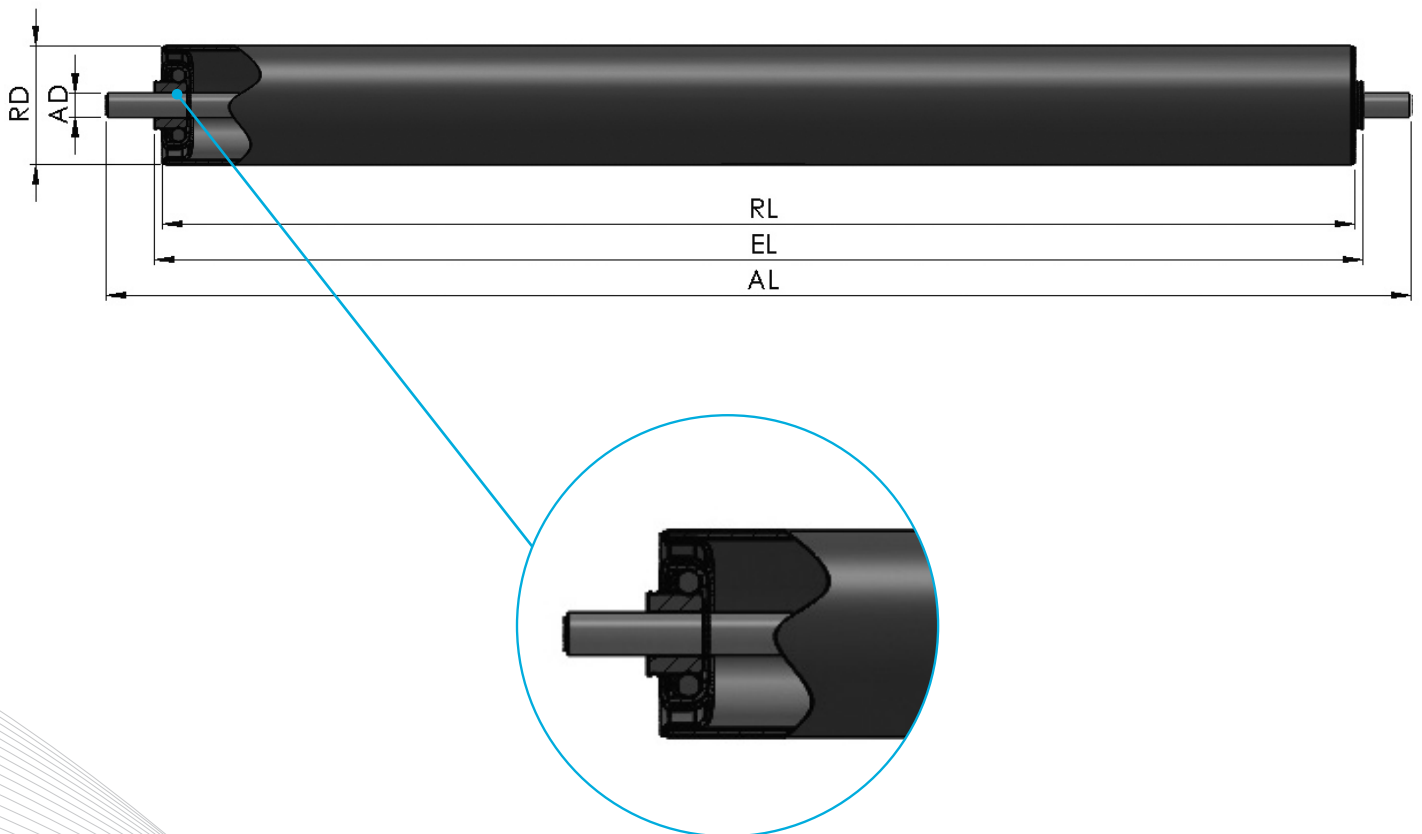


## gravity-driven carrier rollers // up to 160 kg



### 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



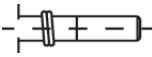
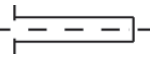
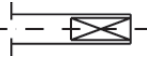


***“Standard carrier rollers are available directly from stock – see page 551”***

## 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

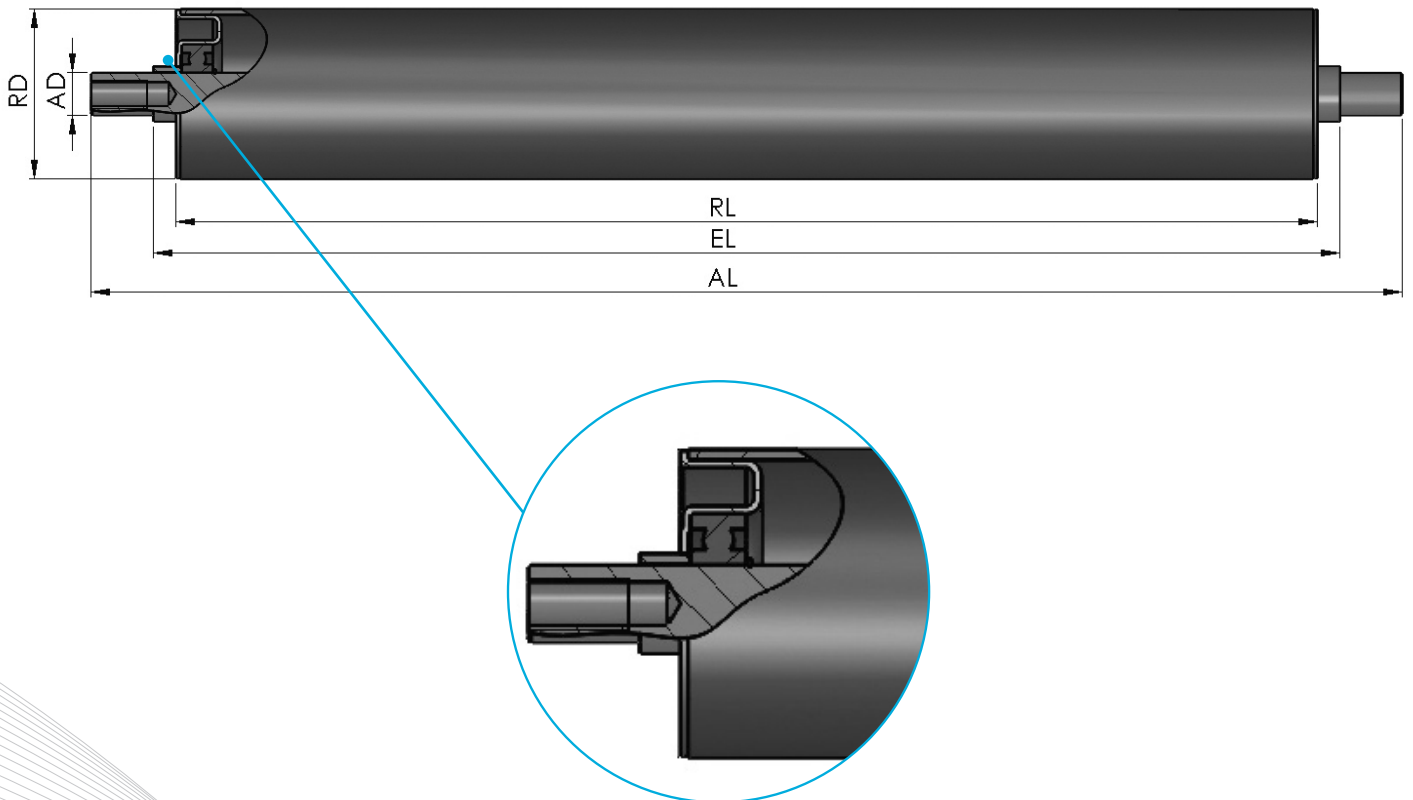
tube-Ø mm	axle-Ø mm	EL=	 external thread	 internal thread	 spring axle	 flat	 spanner flat
30 / 40 / 50 / 60	8	RL +	19	6	6	6	6
30 / 40 / 50 / 60	10	RL +	18	6	6	6	6
40 / 50 / 60	SK11	RL +			6		
40 / 50 / 60	12	RL +	20	6	6	6	6
80 x 2	10	RL +	20	6	6	6	6
80 x 2	SK11	RL +			10		
80 x 2	12	RL +	22	10	10	10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

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

## Order example

type	TRG	50x1.5	STI	A10	M10x15	EL=300	AL= x
bearing type							
tube-Ø and wall thickness							
tube surface							
axle-Ø							
axle end finishing							
installation length							
axle length AL							

## 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)


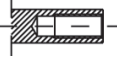
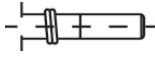
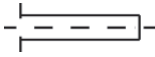
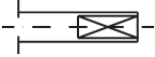
#### Optional:

- 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

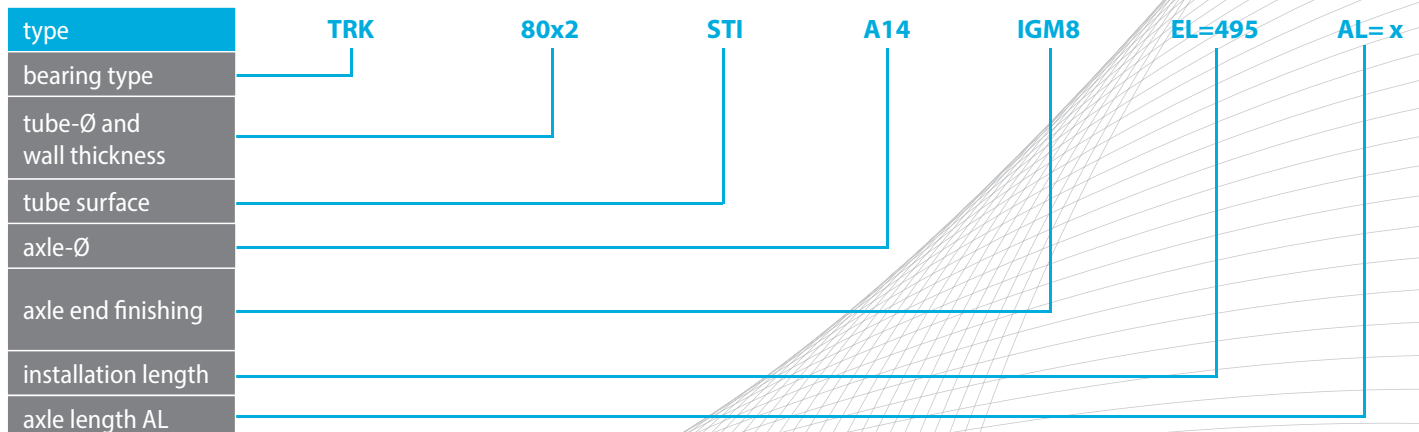
tube-Ø	axle-Ø	ST	STI	STP	N
50 x 1.5	10 / SK11 / 12 / 14 / 15 / 17	x	x	x	x
50 x 2	10 / SK11 / 12 / 14 / 15 / 17	x	x	x	x
60 x 2	10 / SK11 / 12 / 14 / 15 / 17	x	x	x	
80 x 2	10 / SK11 / 12 / 14 / 15 / 17	x	x	x	x

## Axle type

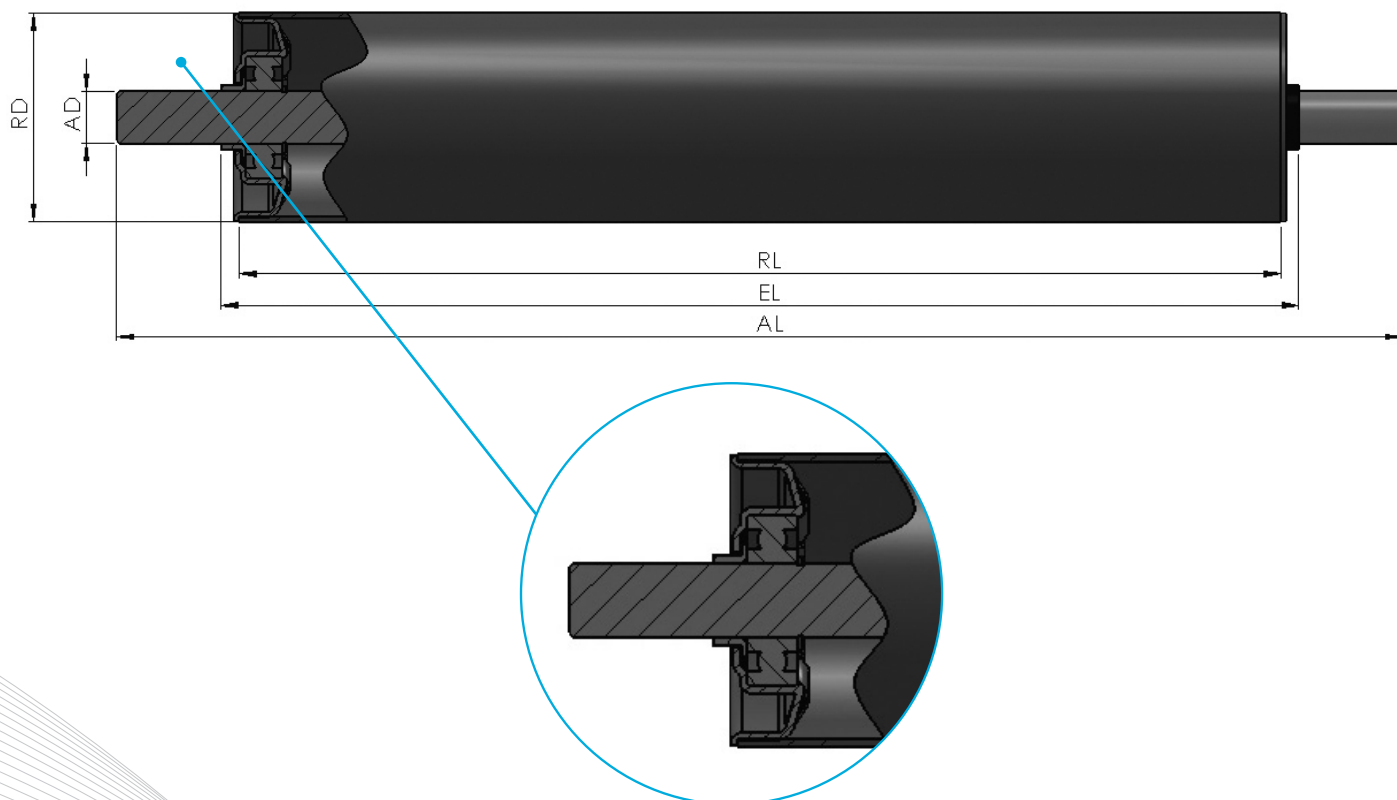
axle-Ø mm	EL=	 external thread	 internal thread	 spring axle	 flat	 spanner flat
10	RL +	22	10	10	10	10
SK11	RL +			10		
12	RL +	24	10	10	10	10
14	RL +	26	10	10	10	10
15	RL +		10	10	10	10
17	RL +	26	10	10	10	10

 "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)



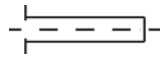
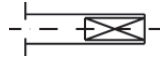
#### Optional:

- 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

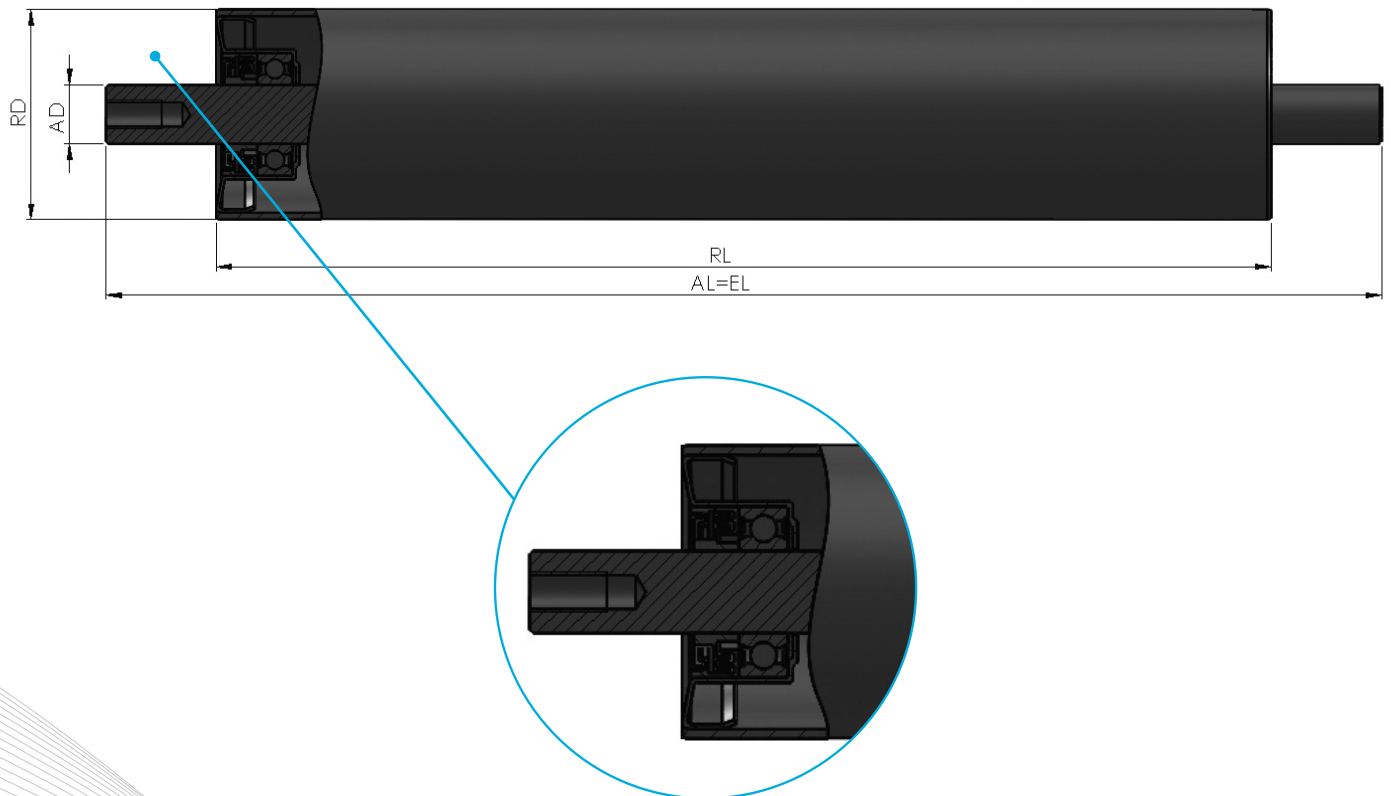


**"The axle length and installation length change depending on the type of axle end finishing"**

## Order example

type	TRKS	80x2	STI	A14	IGM8	EL=495	AL= x
bearing type	TRKS						
tube-Ø and wall thickness		80x2					
tube surface			STI				
axle-Ø				A14			
axle end finishing					IGM8		
installation length						EL=495	
axle length AL							AL= x

## 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


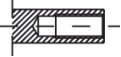
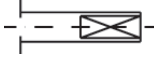


***“Standard carrier rollers are available directly from stock – see page 552”***

## Combination

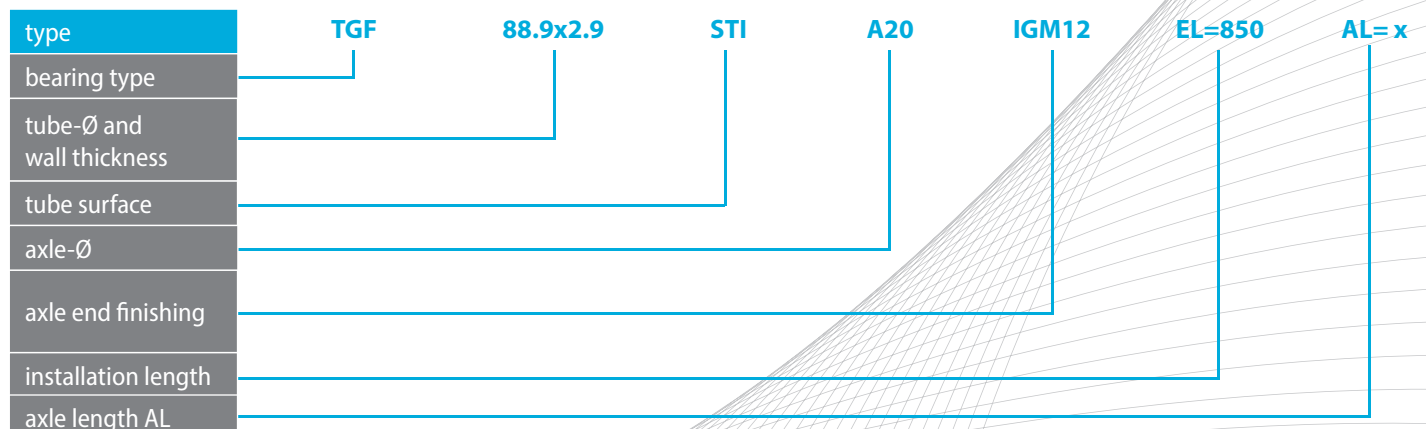
tube-Ø	axle-Ø	ST	STI	STP	STL
51 x 2.9	20	x	x		x
63.5 x 2.9	20	x	x		x
80 x 2	20	x	x	x	x
88.9 x 2.9	20 / 25 / 30	x	x	x	x
108 x 3.6	20 / 25 / 30	x	x		x
133 x 3.6	20 / 25 / 30	x	x		x
159 x 4.5	20 / 25 / 30	x	x		x

## 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

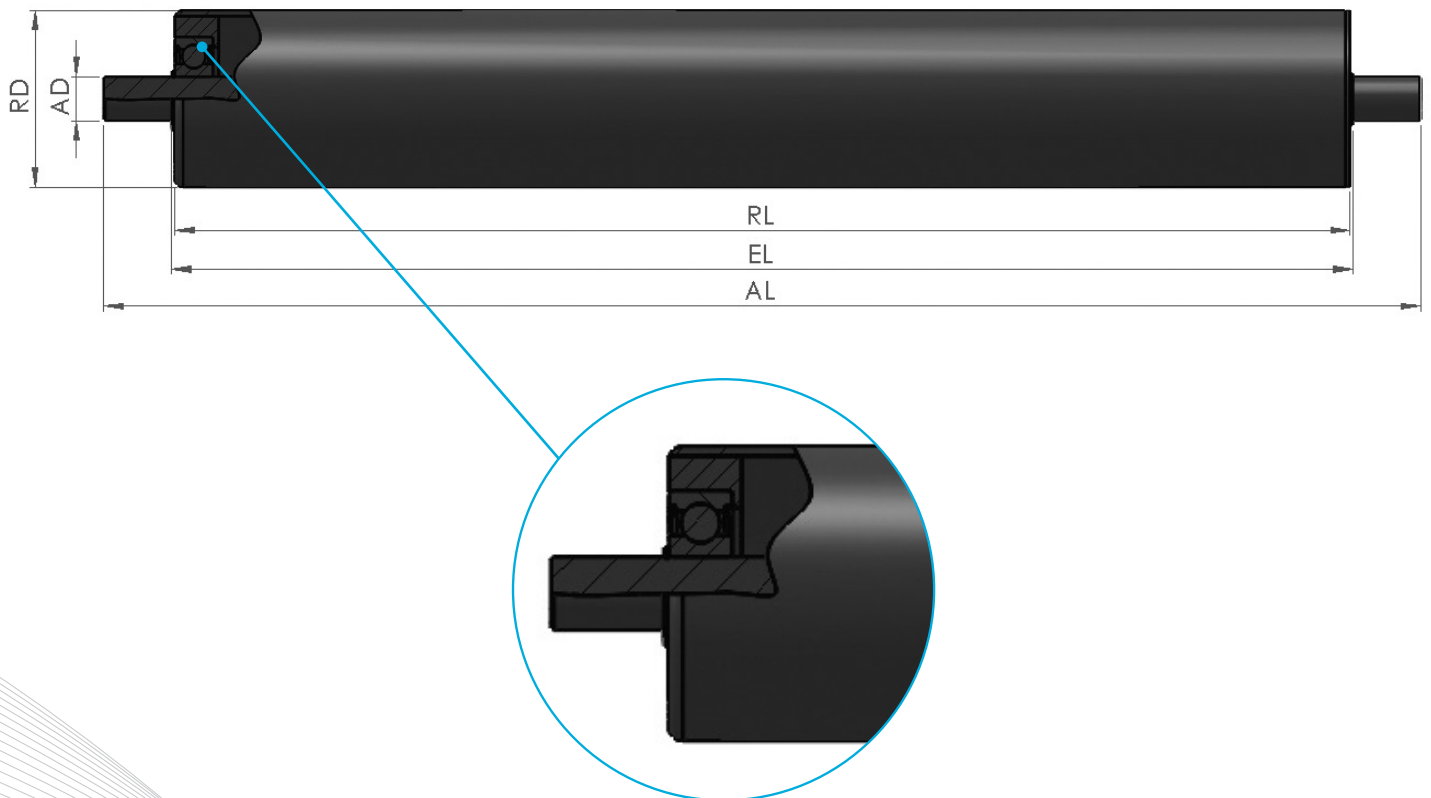
 "The axle length and installation length change depending on the type of axle end finishing"

## 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)


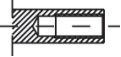
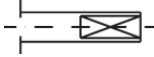
#### Optional:

- 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

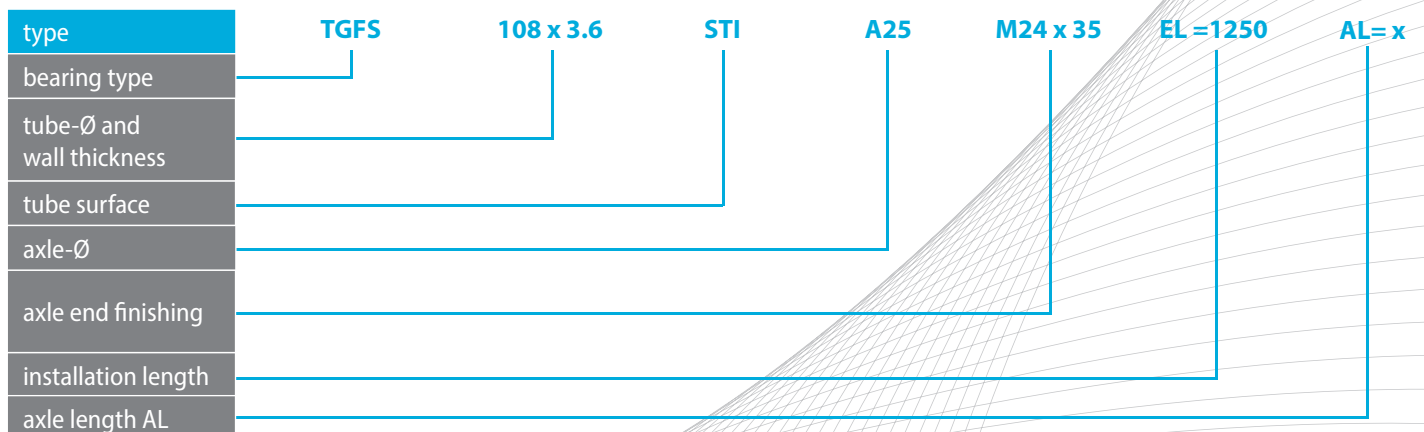
tube-Ø	axle-Ø	ST	STI	STP	N
63.5 x 2.9	20 / 25	x	x		
80 x 2	20 / 25	x	x	x	x
80 x 3	20 / 25	x	x	x	
88.9 x 2.9	20 / 25	x	x	x	x
108 x 3.6	20 / 25	x	x		
133 x 3.6	20 / 25	x	x		
159 x 4.5	20 / 25	x	x		

## 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



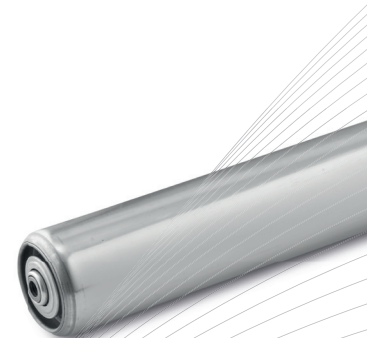
carrier rollers	tube-Ø mm	material of tube	axle-Ø mm	axle end finishing	roller length mm	Installation length mm	axle length mm
TRG-50x1,5-STI-A12-IGM8-EL=200 Ident No.: 0022776	50	steel galvanized	12	internal thread	194	200	200
TRG-50x1,5-STI-A12-IGM8-EL=300 Ident No.: 0022777	50	steel galvanized	12	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"**



carrier rollers	tube-Ø mm	material of tube	axle-Ø mm	axle end finishing	roller length mm	Installation length mm	axle length mm
TRST63,5-20-200 Ident No.: 0025876	63.5	steel	20	spanner flat	200	206	226
TRST63,5-20-250 Ident No.: 0025877	63.5	steel	20	spanner flat	250	256	276
TRST63,5-20-315 Ident No.: 0025878	63.5	steel	20	spanner flat	315	321	341
TRST63,5-20-380 Ident No.: 0025879	63.5	steel	20	spanner flat	380	386	406
TRST63,5-20-465 Ident No.: 0025880	63.5	steel	20	spanner flat	465	471	491
TRST63,5-20-500 Ident No.: 0025881	63.5	steel	20	spanner flat	500	506	532
TRST63,5-20-600 Ident No.: 0025883	63.5	steel	20	spanner flat	600	606	632
TRST63,5-20-750 Ident No.: 0025884	63.5	steel	20	spanner flat	750	756	782
TRST63,5-20-950 Ident No.: 0025885	63.5	steel	20	spanner flat	950	956	982
TRST63,5-20-1150 Ident No.: 0025875	63.5	steel	20	spanner flat	1,150	1,156	1,182
TRST89-20-200 Ident No.: 0025887	89	steel	20	spanner flat	200	206	226
TRST89-20-250 Ident No.: 0025888	89	steel	20	spanner flat	250	256	276
TRST89-20-315 Ident No.: 0025889	89	steel	20	spanner flat	315	321	341
TRST89-20-380 Ident No.: 0025890	89	steel	20	spanner flat	380	386	406
TRST89-20-465 Ident No.: 0025891	89	steel	20	spanner flat	465	471	491
TRST89-20-500 Ident No.: 0025892	89	steel	20	spanner flat	500	506	532
TRST89-20-530 Ident No.: 0025894	89	steel	20	spanner flat	530	536	556
TRST89-20-600 Ident No.: 0025895	89	steel	20	spanner flat	600	606	632
TRST89-20-750 Ident No.: 0025900	89	steel	20	spanner flat	750	756	782
TRST89-20-950 Ident No.: 0025901	89	steel	20	spanner flat	950	956	982
TRST89-20-1150 Ident No.: 0025886	89	steel	20	spanner flat	1,150	1,156	1,182
TRST108-20-200 Ident No.: 0025866	108	steel	20	spanner flat	200	206	226
TRST108-20-250 Ident No.: 0025867	108	steel	20	spanner flat	250	256	276

TRST108-20-315 Ident No.: 0025868	108	steel	20	spanner flat	315	321	341
TRST108-20-380 Ident No.: 0025869	108	steel	20	spanner flat	380	386	406
TRST108-20-465 Ident No.: 0025870	108	steel	20	spanner flat	465	471	491
TRST108-20-500 Ident No.: 0025871	108	steel	20	spanner flat	500	506	532
TRST108-20-600 Ident No.: 0025872	108	steel	20	spanner flat	600	606	632
TRST108-20-750 Ident No.: 0025873	108	steel	20	spanner flat	750	756	782
TRST108-20-950 Ident No.: 0025874	108	steel	20	spanner flat	950	956	982
TRST108-20-1150 Ident No.: 0025865	108	steel	20	spanner flat	1,150	1,156	1,182

tape threading path rollers	tube-Ø mm	material of tube	axle-Ø mm	axle end finishing	roller length mm	axle length mm
BRB50-12 Ident No.: 0015493	50	steel	12	external thread	100	145
BRB60-12 Ident No.: 0015494	60	steel	12	external thread	100	145
BRB63,5-20 Ident No.: 0015495	63.5	steel	20	external thread	100	145
BRB80-20 Ident No.: 0015496	80	steel	20	external thread	100	145
BRB89-20 Ident No.: 0015497	89	steel	20	external thread	100	145
BRB108-20 Ident No.: 0015491	108	steel	20	external thread	100	145



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