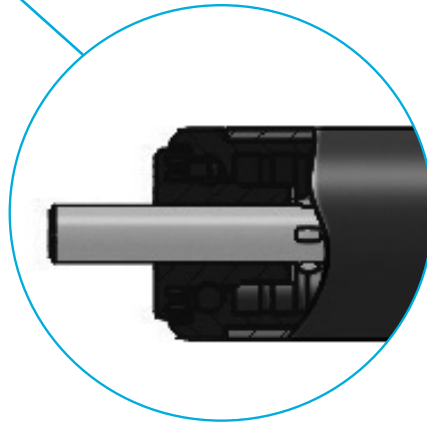
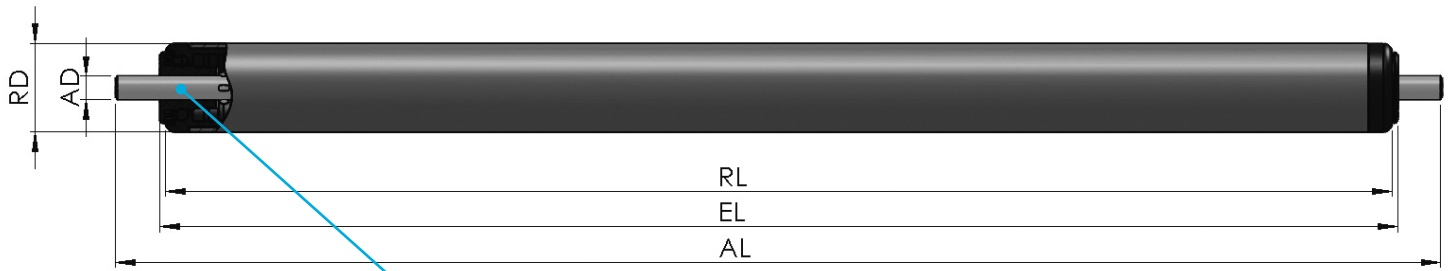


gravity-driven carrier rollers // up to 15 kg



KUT50/KUT50N

Areas of use:

- for conveying small, lightweight products on a non-gravity-driven roller conveyor for use in dry, dust-free environments (KUT50) or in damp, dust-free environments (KUT50N)

Bearing:

- KUT50 thermoplastic base with steel balls in a single row
- KUT50N thermoplastic base with stainless steel balls in a single row

Properties:

- light-running
- gentle on your product
- temperature range: -5 to +40° C
- speed: 0.3 m/s
- low weight
- quiet
- load capacity: max. 15 kg/roller
(Depending on the load limit of the tubes, bearings and axle; refer to the general information)


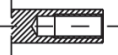
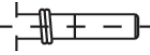
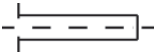
Optional:

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

Combination

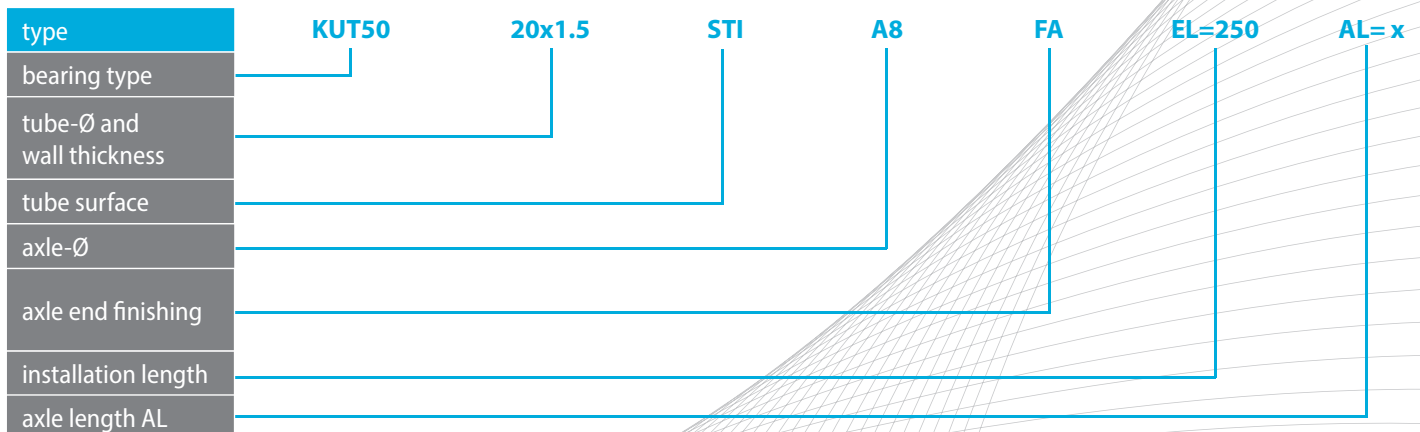
| tube-Ø | axle-Ø | ST | STI | STP | N | KB | KGH | ALU |
|----------|------------|----|-----|-----|---|----|-----|-----|
| 16 x 1 | 5 / 6 | x | x | | | | | |
| 20 x 1.5 | 6 / 8 | x | x | | x | x | x | x |
| 30 x 1 | 6 / 8 / 10 | x | x | x | x | | | |
| 30 x 1.5 | 6 / 8 / 10 | x | x | x | | | | |
| 30 x 1.8 | 6 / 8 / 10 | | | | | x | x | |
| 40 x 1.5 | 6 / 8 / 10 | x | x | x | x | | | |
| 40 x 2.3 | 6 / 8 / 10 | | | | | x | x | |

Axle type

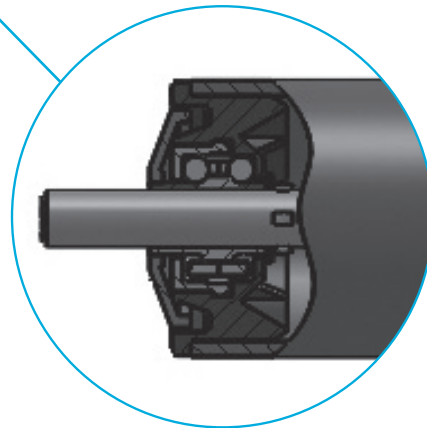
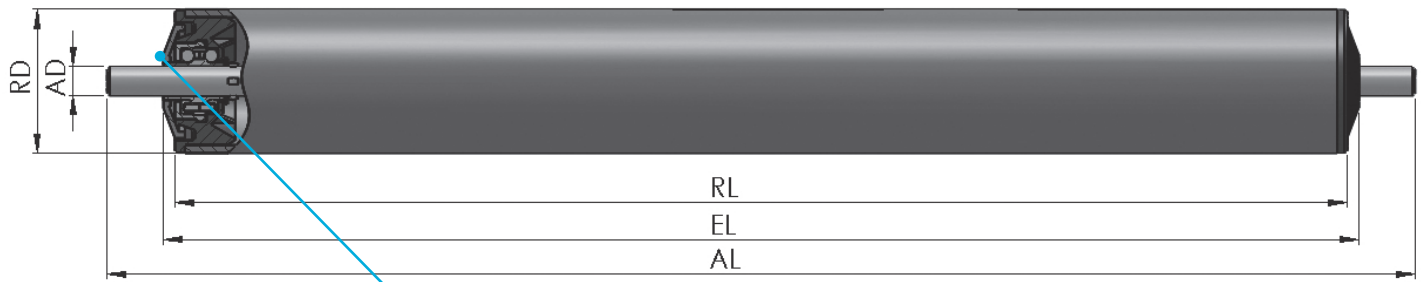
| tube-Ø mm | axle-Ø mm | el= |  external thread |  internal thread |  spring axle |  flat |
|--------------|-----------|------|---|--|---|--|
| 16 | 5 | RL + | | | 3 | 3 |
| 16 | 6 | RL + | 13 | | 3 | 3 |
| 20 / 30 / 40 | 6 | RL + | 15 | 5 | 5 | 5 |
| 20 / 30 / 40 | 8 | RL + | 18 | 5 | 5 | 5 |
| 30 / 40 | 10 | RL + | 15 | 5 | 5 | 5 |

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

Order example



gravity-driven carrier rollers // up to 30 kg



KUT100/KUT100N

Areas of use:

- for conveying small, lightweight products on a non-gravity-driven roller conveyor. For use in dry, dust-free environments (KUT100) or in damp, dust-free environments (KUT100N)

Bearing:

- KUT100 thermoplastic base with steel balls in a single row
- KUT100N thermoplastic base with stainless steel balls in a single row

Properties:

- light-running
- gentle on your product
- temperature range: -5 to +40° C
- speed: 0.3 m/s
- low weight
- quiet
- load capacity: max. 30kg/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


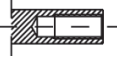
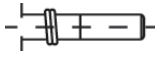
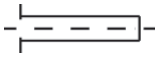
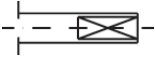


"Standard carrier rollers are available directly from stock – see page 550"

Combination

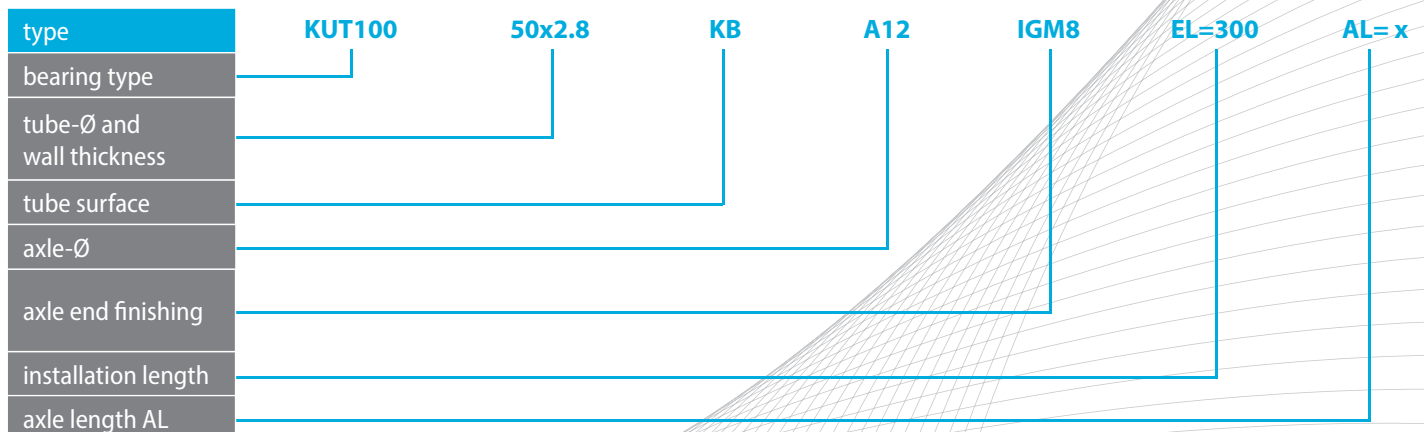
| tube-Ø | axle-Ø | ST | STI | STP | N | KB | KGH | ALU | STG |
|-------------|-------------|----|-----|-----|---|----|-----|-----|-----|
| 50 x 1.5 | 8 / 10 / 12 | x | x | x | x | | | x | x |
| 50 x 2 | 8 / 10 / 12 | x | x | x | x | | | | x |
| 50 x 2.8 | 8 / 10 / 12 | | | | | x | x | | |
| 60 x 2 | 8 / 10 / 12 | x | x | x | | | | | |
| 60.3 x 1.65 | 8 / 10 / 12 | | | | x | | | | |
| 63 x 3 | 8 / 10 / 12 | | | | | x | x | | |

Axle type

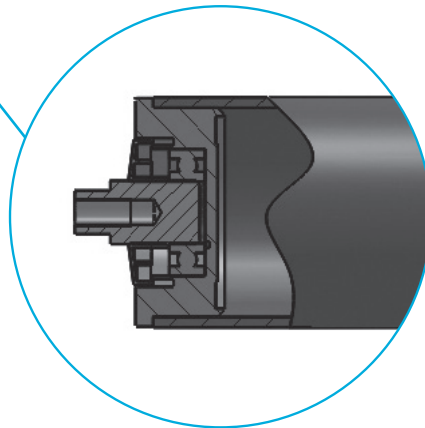
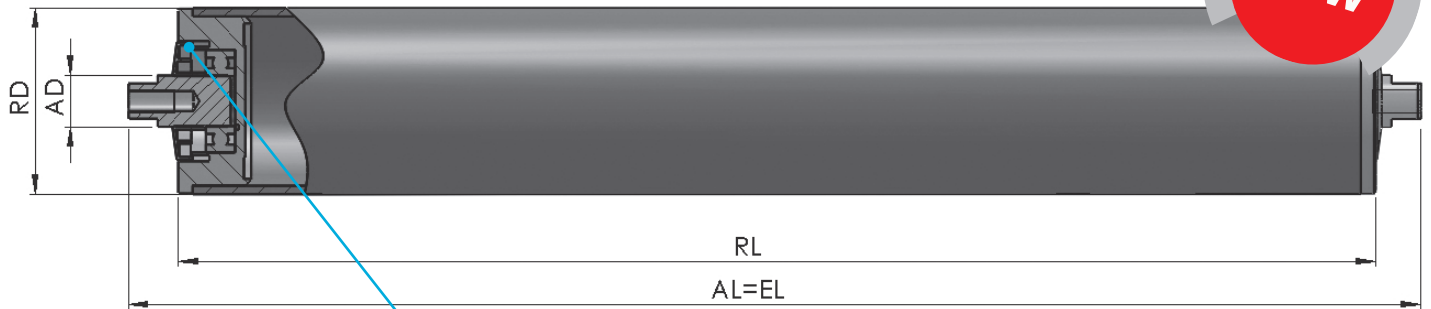
| axle-Ø mm | EL= |  external thread |  internal thread |  spring axle |  flat |  spanner flat |
|-----------|------|---|---|--|--|--|
| 8 | RL + | 20 | 7 | 7 | 7 | 7 |
| 10 | RL + | 19 | 7 | 7 | 7 | 7 |
| SK11 | RL + | | | 7 | | |
| 12 | RL + | 21 | 7 | 7 | 7 | 7 |

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

Order example



gravity-driven carrier rollers // up to 50 kg



KUT270

Areas of use:

- for conveying lightweight to medium-weight products on a non-gravity-driven roller conveyor for use in dusty, dirty and wet environments
- also well suited for use in food industry applications

Bearing:

- bearing bases made of polypropylene (PPco) with labyrinth seal
- stainless steel cone bearing in a ball cage

Properties:

- quiet
- light-running
- gentle on your product
- axle hub made from POM, Ø 11.8 x20, with M8 interior threads and outer diameter with width across flat: 17x6mm
- load capacity: max. 50 kg/roller
(Depending on the load limit of the tubes, bearings and axle; refer to the general information)


Optional:

- variety of coatings are available
- stainless steel tubes

Combination

| tube-Ø | axle-Ø | ST | STI | STP | N | KB | KGH | ALU | STG |
|-------------|------------------------|----|-----|-----|---|----|-----|-----|-----|
| 50 x 1.5 | POM-Adapter Ø11.8 IGM8 | x | x | x | x | | | x | x |
| 50 x 2 | POM-Adapter Ø11.8 IGM8 | x | x | x | x | | | | x |
| 50 x 2.8 | POM-Adapter Ø11.8 IGM8 | | | | | x | x | | |
| 60 x 2 | POM-Adapter Ø11.8 IGM8 | x | x | x | | | | | |
| 63 x 3 | POM-Adapter Ø11.8 IGM8 | | | | | x | x | | |
| 63.5 x 2.9 | POM-Adapter Ø11.8 IGM8 | x | x | | | | | | x |
| 80 x 2 | POM-Adapter Ø11.8 IGM8 | x | x | x | x | | | | |
| 88.9 x 3.25 | POM-Adapter Ø11.8 IGM8 | | | | | | | | |
| 90 x 7 | POM-Adapter Ø11.8 IGM8 | | | | | x | x | | |

Axle type

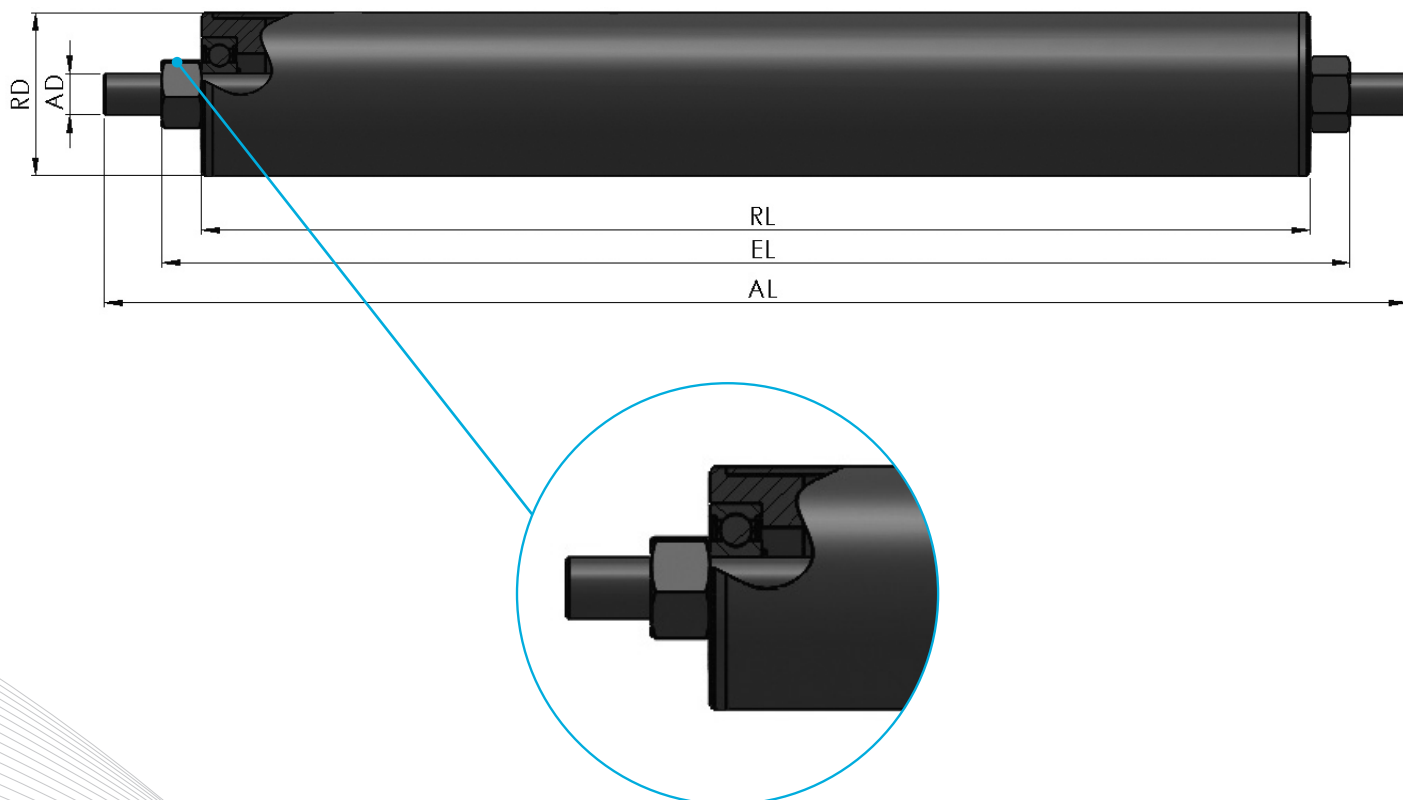
| axle-Ø mm | EL= |  internal thread |
|------------------------|------|--|
| POM-Adapter Ø11.8 IGM8 | RL + | 21 |

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

Order example

| | | | | |
|---------------------------|--------|--------|---|--------|
| type | KUT270 | 50x1.5 | N | EL=300 |
| bearing type | | | | |
| tube-Ø and wall thickness | | | | |
| tube surface | | | | |
| installation length | | | | |

gravity-driven carrier rollers // up to 60 kg



TKL30/TKL30N

Areas of use:

- for conveying medium-weight products on a gravity-driven roller conveyor or as a power-driven roller
- for dry, dust-free environments (TKL30) or for damp, dust-free environments (TKL30N)

Bearing:

- TKL30 thermoplastic base with precision deep-groove ball bearing
- TKL30N thermoplastic base with stainless steel 2RS precision deep-groove ball bearing

Properties:

- quiet
- temperature range: -5 to +50° C
- speed: max. 1.5 m/s
- load capacity: max. 60 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

Combination

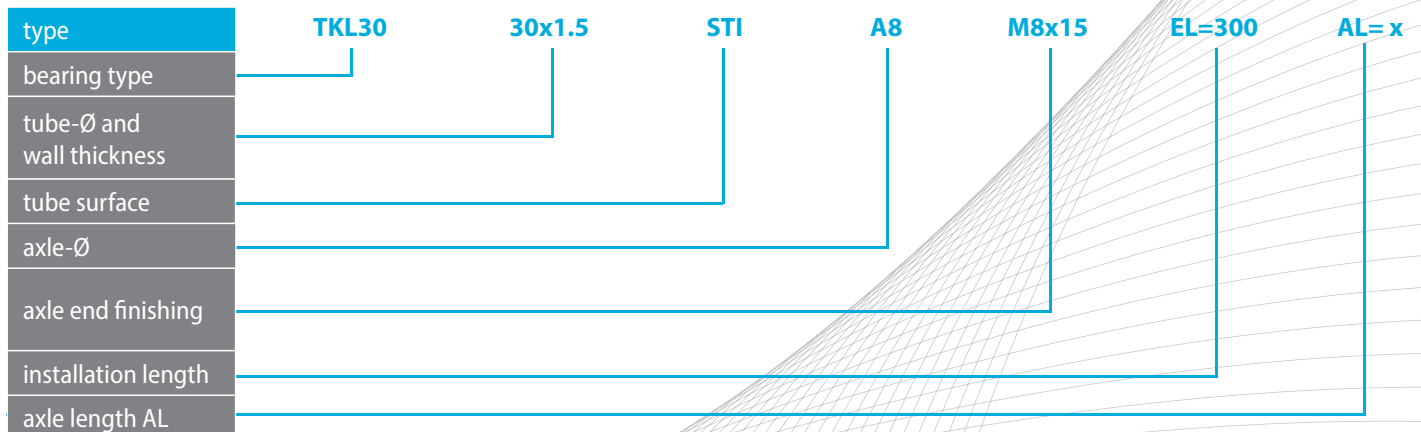
| tube-Ø | axle-Ø | ST | STI | STP | KB | KGH |
|--------|--------|----|-----|-----|----|-----|
| 30x1.5 | 8 | x | x | x | | |
| 30x1.8 | 8 | | | | x | x |

Axle type

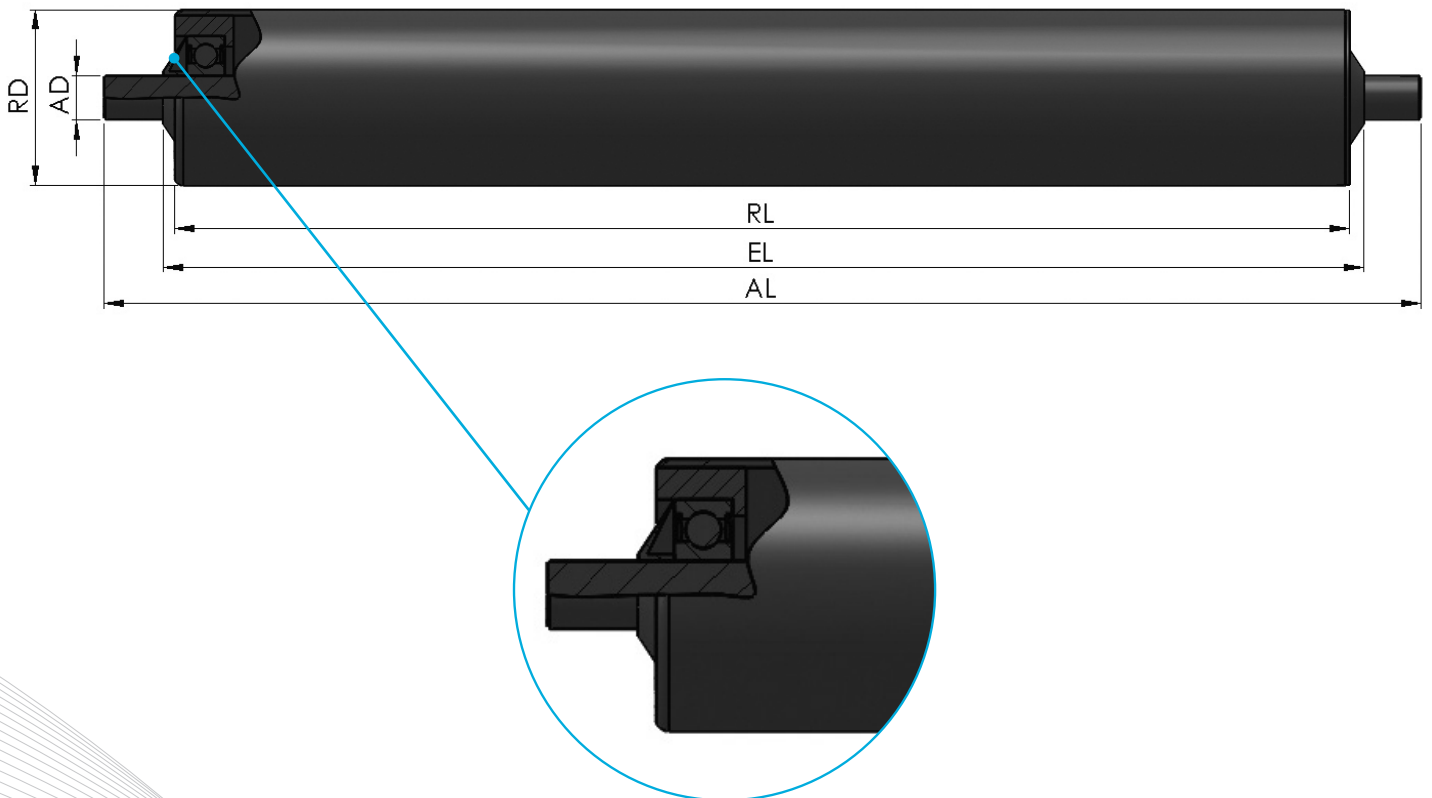
| axle-Ø mm | EL= |  external thread |
|--------------|------|--|
| 8 | RL + | 14 |

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

Order example



gravity-driven carrier rollers // up to 60 kg



TKL40/TKL40N

Areas of use:

- for conveying medium-weight products on a gravity-driven roller conveyor or as a power-driven roller
- for dry, dust-free environments (TKL40) or for damp, dust-free environments (TKL40N)

Bearing:

- TKL40 thermoplastic base with precision deep-groove ball bearing
- TKL40N thermoplastic base with stainless steel 2RS precision deep-groove ball bearing

Properties:

- quiet
- temperature range: -5 to +50° C
- speed: 1.5 m/s
- load capacity: max. 60 kg/roller
(Depending on the load limit of the tubes, bearings and axle; refer to the general information)


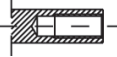
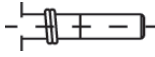
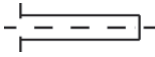
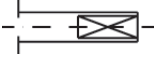
Optional:

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

Combination

| tube-Ø | axle-Ø | ST | STI | STP |
|----------|-----------------------|----|-----|-----|
| 40 x 1.5 | 8 / 10 / 12 / 14 / 15 | x | x | x |

Axle type

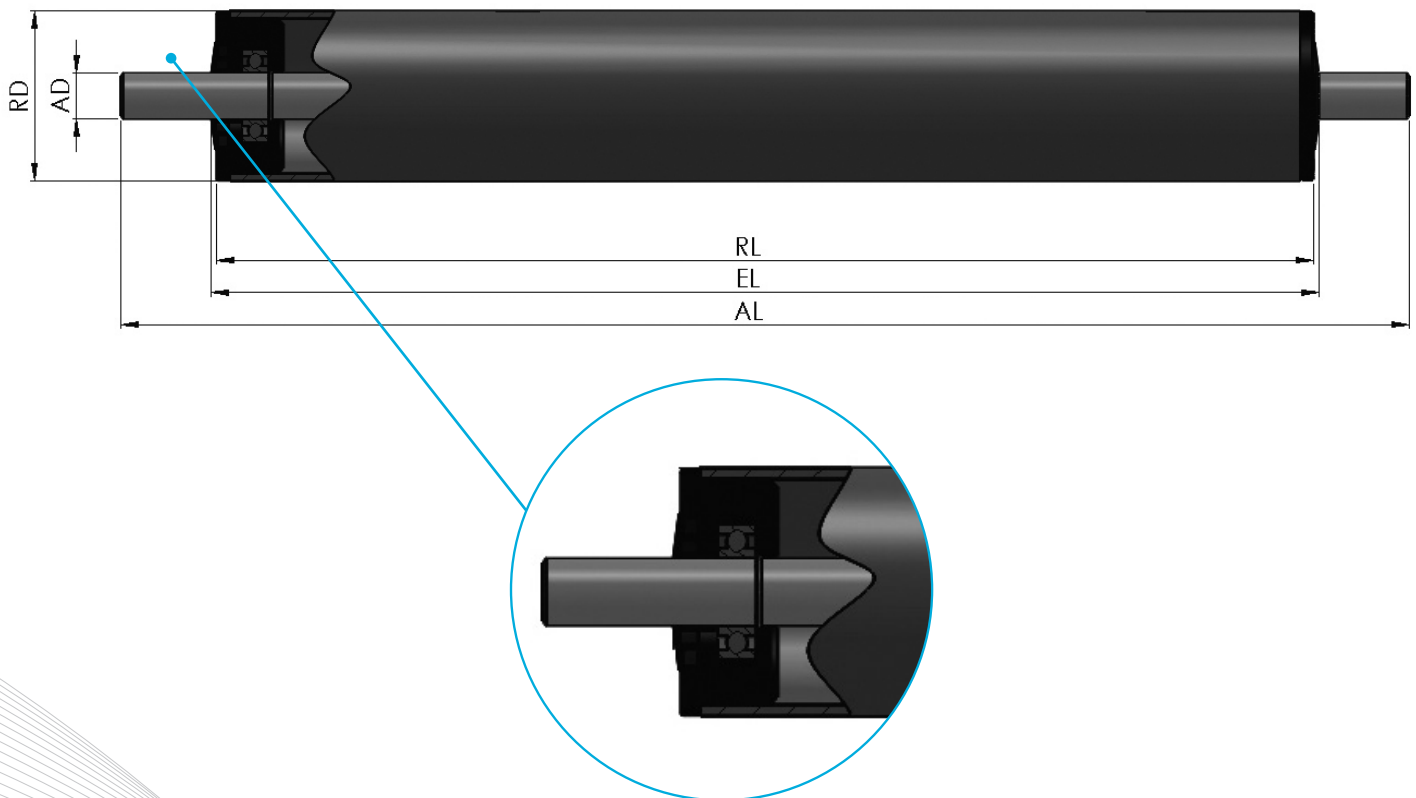
| axle-Ø mm | EL= |  external thread |  internal thread |  spring axle |  flat |  spanner flat |
|--------------|------|---|---|--|--|--|
| 8 | RL + | 26 | 13 | 13 | 13 | 13 |
| 10 | RL + | 25 | 13 | 13 | 13 | 13 |
| 12 | RL + | 27 | 13 | 13 | 13 | 13 |
| 14 | RL + | 29 | 13 | 13 | 13 | 13 |
| 15 | RL + | | 13 | 13 | 13 | 13 |

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

Order example

| type | TKL40 | 40x1.5 | STI | A12 | IGM8 | 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



TKL/TKLN

Areas of use:

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

Bearing:

- TKL thermoplastic base with labyrinth seal and with precision deep-groove ball bearing
- TKLN thermoplastic base with labyrinth seal and with stainless steel 2RS precision deep-groove ball bearing

Properties:

- quiet
- gentle on your product
- temperature range: -5 to +50° C
- speed: 1.5 m/s
- load capacity: max. 240 kg/roller
(Depending on the load limit of the tubes, bearings and axle; refer to the general information)


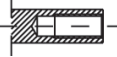
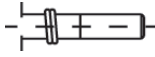
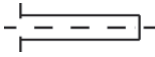
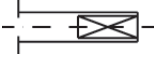
Optional:

- variety of coatings are available
- bearing ball, tube, stainless steel axle
- with welded-on flanges

Combination

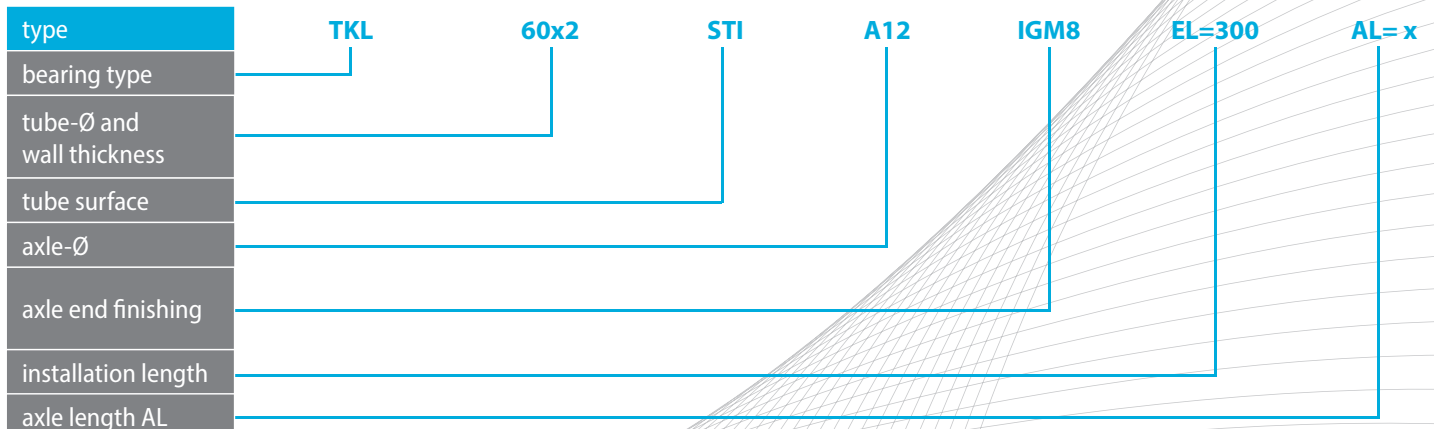
| tube-Ø | axle-Ø | ST | STI | STP | N | KB | KGH | ALU | STG |
|-------------|-------------------------------|----|-----|-----|---|----|-----|-----|-----|
| 50x1.5 | 10 / SK11 / 12 / 14 / 15 / 17 | x | x | x | x | | | x | x |
| 50x2 | 10 / SK11 / 12 / 14 / 15 / 17 | x | x | x | x | | | | x |
| 50x2.8 | 10 / SK11 / 12 / 14 / 15 / 17 | | | | | x | x | | |
| 50x3 | 10 / SK11 / 12 / 14 / 15 / 17 | x | x | x | | | | | x |
| 60x2 | 10 / SK11 / 12 / 14 / 15 / 17 | x | x | x | | | | | x |
| 60.3 x 1.65 | 10 / SK11 / 12 / 14 / 15 / 17 | | | | x | | | | x |
| 63 x 3 | 10 / SK11 / 12 / 14 / 15 / 17 | | | | | x | x | | |
| 63.5 x 2.9 | 10 / SK11 / 12 / 14 / 15 / 17 | x | x | | | | | | x |
| 80 x 2 | 10 / SK11 / 12 / 14 / 15 / 17 | x | x | x | x | | | | x |
| 90 x 7 | 10 / SK11 / 12 / 14 / 15 / 17 | | | | | x | x | | |
| 88.9 x 2.9 | 10 / SK11 / 12 / 14 / 15 / 17 | x | x | x | x | | | | x |

Axle type

| axle-Ø mm | EL= |  external thread |  internal thread |  spring axle |  flat |  spanner flat |
|-----------|------|---|---|--|--|--|
| 10 | RL + | 19 | 7 | 7 | 7 | 7 |
| SK11 | RL + | | | 7 | 7 | 7 |
| 12 | RL + | 21 | 7 | 7 | 7 | 7 |
| 14 | RL + | 23 | 7 | 7 | 7 | 7 |
| 15 | RL + | | 7 | 7 | 7 | 7 |
| 17 | RL + | 23 | 7 | 7 | 7 | 7 |

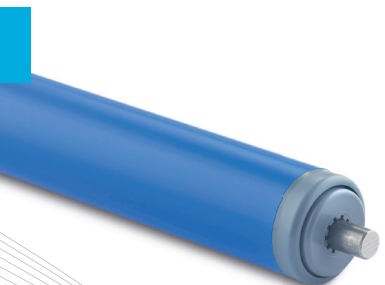
 "The axle length and installation length change depending on the type of axle end finishing"

Order example

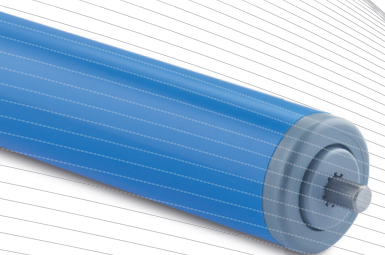




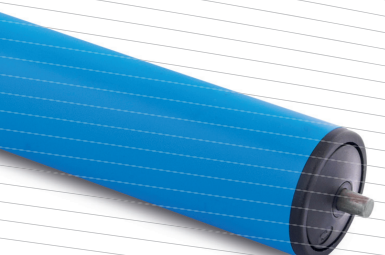
| carrier rollers | tube-Ø mm | material of tube | axle-Ø mm | axle end finishing | roller length mm | Installation length mm | axle length mm |
|--|--------------|---------------------|--------------|-----------------------|------------------------|------------------------------|----------------------|
| KUT50-20x1,5-KB-A8-FA-EL=200 Ident No.: 0034500 | 20 | plastic blue | 8 | spring axle | 195 | 200 | 220 |
| KUT50-20x1,5-KB-A8-FA-EL=300 Ident No.: 0034501 | 20 | plastic blue | 8 | spring axle | 295 | 300 | 320 |
| KUT50-20x1,5-KB-A8-FA-EL=400 Ident No.: 0034502 | 20 | plastic blue | 8 | spring axle | 395 | 400 | 420 |
| KUT50-20x1,5-KB-A8-FA-EL=500 Ident No.: 0034503 | 20 | plastic blue | 8 | spring axle | 495 | 500 | 520 |



| carrier rollers | tube-Ø mm | material of tube | axle-Ø mm | axle end finishing | roller length mm | Installation length mm | axle length mm |
|--|--------------|---------------------|--------------|-----------------------|------------------------|------------------------------|----------------------|
| KUT50-30x1,8-KB-A8-FA-EL=200 Ident No.: 0034504 | 30 | plastic blue | 8 | spring axle | 195 | 200 | 220 |
| KUT50-30x1,8-KB-A8-FA-EL=300 Ident No.: 0034505 | 30 | plastic blue | 8 | spring axle | 295 | 300 | 320 |
| KUT50-30x1,8-KB-A8-FA-EL=400 Ident No.: 0034506 | 30 | plastic blue | 8 | spring axle | 395 | 400 | 420 |
| KUT50-30x1,8-KB-A8-FA-EL=500 Ident No.: 0034507 | 30 | plastic blue | 8 | spring axle | 495 | 500 | 520 |



| carrier rollers | tube-Ø mm | material of tube | axle-Ø mm | axle end finishing | roller length mm | Installation length mm | axle length mm |
|--|--------------|---------------------|--------------|-----------------------|------------------------|------------------------------|----------------------|
| KUT50-40x2,3-KB-A8-FA-EL=200 Ident No.: 0034508 | 40 | plastic blue | 8 | spring axle | 195 | 200 | 220 |
| KUT50-40x2,3-KB-A8-FA-EL=300 Ident No.: 0034509 | 40 | plastic blue | 8 | spring axle | 295 | 300 | 320 |
| KUT50-40x2,3-KB-A8-FA-EL=400 Ident No.: 0034510 | 40 | plastic blue | 8 | spring axle | 395 | 400 | 420 |
| KUT50-40x2,3-KB-A8-FA-EL=500 Ident No.: 0034511 | 40 | plastic blue | 8 | spring axle | 495 | 500 | 520 |



| carrier rollers | tube-Ø mm | material of tube | axle-Ø mm | axle end finishing | roller length mm | Installation length mm | axle length mm |
|---|--------------|---------------------|--------------|-----------------------|------------------------|------------------------------|----------------------|
| KUT100-50x2,8-KB-A8-FA-EL=200 Ident No.: 0034512 | 50 | plastic blue | 8 | spring axle | 193 | 200 | 220 |
| KUT100-50x2,8-KB-A8-FA-EL=300 Ident No.: 0034513 | 50 | plastic blue | 8 | spring axle | 293 | 300 | 320 |
| KUT100-50x2,8-KB-A8-FA-EL=400 Ident No.: 0034514 | 50 | plastic blue | 8 | spring axle | 393 | 400 | 420 |
| KUT100-50x2,8-KB-A8-FA-EL=500 Ident No.: 0034515 | 50 | plastic blue | 8 | spring axle | 493 | 500 | 520 |
| KUT100-50x2,8-KB-A8-FA-EL=600 Ident No.: 0034516 | 50 | plastic blue | 8 | spring axle | 593 | 600 | 620 |