ORDERING GUIDE

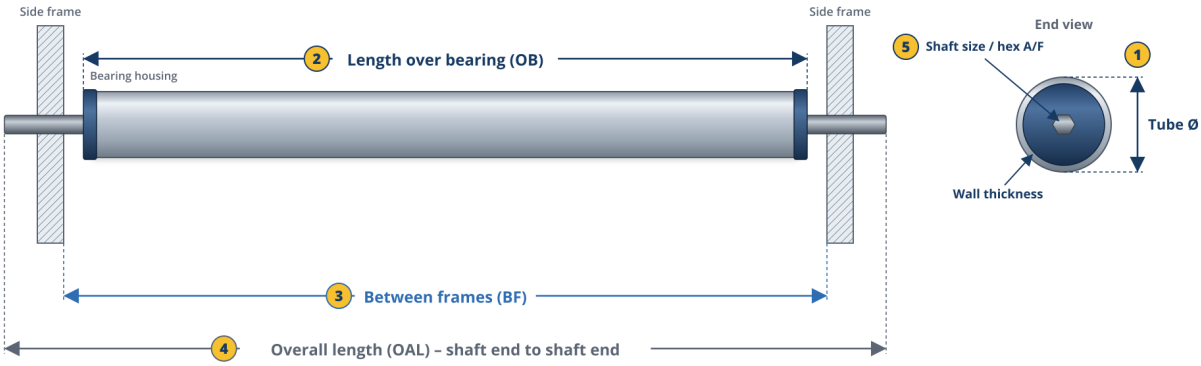
Conveyor Rollers

Issue 2 – November 2026

How to measure a conveyor roller so your replacement fits first time. If you are unsure, send us a photo of the roller in the frame with a tape measure alongside, or post us a sample.

How to measure a conveyor roller

Side view in the conveyor frame, and end view of the tube



Tell us which length you measured – OB, BF or OAL – plus the shaft size and end fitment.

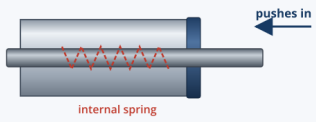
THE FOUR MEASUREMENTS		
Measurement	**How to measure**	**Why it matters**
Tube diameter	Across the tube with calipers, e.g. 50mm or 63.5mm	Sets the roller range and bearing
Length over bearing (OB)	The tube length including the bearing housings, end to end	Our standard roller length
Between frames (BF)	Inside face to inside face of the conveyor side frames	The space the roller must fit
Overall length (OAL)	Shaft end to shaft end, including any thread or spring travel	Checks shaft fit in the frame holes

SHAFT AND END FITMENT

Conveyor roller shaft end fitments – KBR codes

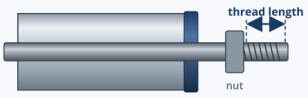
Check how the shaft fixes into your frame, then give us the code and size, e.g. SL8, FT12-M8x20

SL / SH Spring loaded



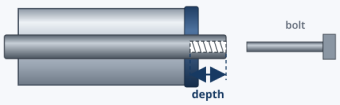
Tell us: Shaft Ø (SL) or hex A/F (SH)

MT Male thread



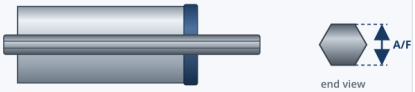
Tell us: Thread size (e.g. M8) and thread length

FT Female drilled and tapped



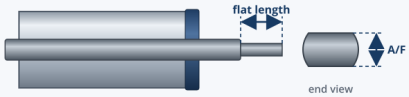
Tell us: Thread size and depth (e.g. M10 x 20)

HX Hex shaft



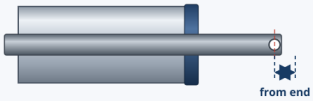
Tell us: Across flats (A/F), e.g. 8mm or 11mm hex

FL Machined flats



Tell us: Size across flats (A/F) and flat length

CD Cross drilled



Tell us: Hole Ø and distance from shaft end

Spring loaded	Shaft pushes in to fit; measure the shaft diameter or hex across flats
Male thread	Threaded shaft ends with nuts – give the thread size (e.g. M8, M10) and thread length
Female drilled and tapped	Fixed shaft drilled and tapped at each end for bolts – give the thread size and depth
Hex shaft	Measure across the flats, e.g. 8mm or 11mm hex
Machined / cross drilled	Flats, grooves or cross holes machined to suit your frame – send a sketch or sample

WHAT WE NEED FOR A QUOTE

- Tube diameter, wall thickness if known, and tube material (BZP, galvanised, stainless, PVC)
- Length over bearing or between frames – tell us which you measured
- Shaft size and end fitment
- Load per roller and roller pitch if known
- Quantity and delivery postcode

NOTES

- Tell us whether you measured over bearing or between frames – we check the fit when we quote.
- Rollers are made to order to your size and are non-returnable. Standard spares typically take 4–5 working days.

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