KBR
CONVEYOR SECTIONS

Conveyor Roller Order / Enquiry Form

Fill in on screen or print, then email to sales@conveyorsections.co.uk – we will reply with a quotation.

01952 583 837
sales@conveyorsections.co.uk
www.conveyorsections.co.uk

YOUR DETAILS

Name	Company	Email	Phone	Delivery postcode	Your ref

ROLLERS REQUIRED – ONE LINE PER ROLLER SIZE

Qty	Range	Tube Ø (mm)	Material	Wall (mm)	Length (mm)	Measured as	Shaft end code	Shaft size / thread	Load per roller (kg)	Notes – e.g. "match sample", groove positions

Codes: Range LD Light Duty, MD Medium Duty Steel, PB Plastic Housed Ball Bearing, LB Labyrinth Precision, HD Heavy Duty, IM Imperial, DR Driven. Material Z BZP, G galv, M mild steel, S 304 stainless, P PVC.
Measured as: OB over bearing, BF between frames, OAL overall length.
Shaft end: SL spring loaded round shaft, SH spring loaded hex shaft, FT female d&t, MT male thread, HX fixed hex shaft, FL machined flats, PL plain round shaft, CD cross drilled, ME machined end, HB hollow bore.

ANYTHING ELSE WE SHOULD KNOW

I can also send:

- ☐ Photos with a tape measure alongside
- ☐ A sample roller
- ☐ A drawing or sketch

Not sure of a size? Leave it blank and send a photo or sample – we will match it. See page 2 for how to measure and the shaft end codes.

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How to measure your roller, shaft end codes and frame clearance

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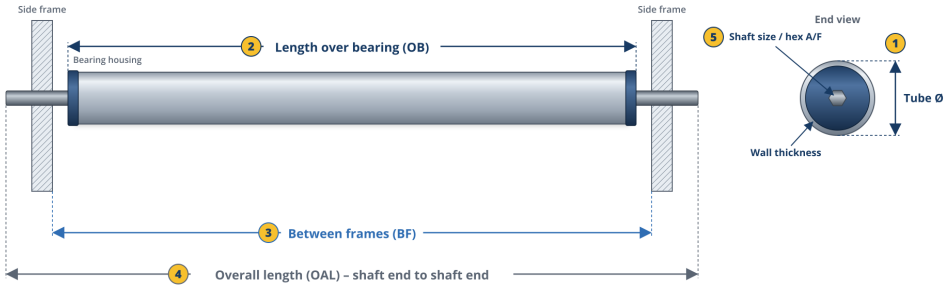
HOW TO MEASURE

How to measure a conveyor roller

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

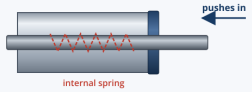


Tell us which length you measured – OB, BF or OAL – plus the shaft size and end fitment.

Conveyor roller shaft end fitments – KBR codes

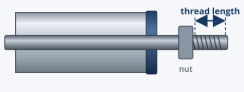
Check how the shaft fixes into your frame, then give us the code and size, e.g. SL8, FT12-M8x20

SL / SH Spring loaded



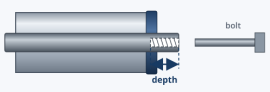
Tell us: Shaft Ø (SL) or hex A/F (SH)

MT Male thread



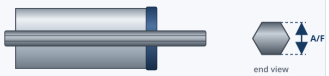
Tell us: Thread size (e.g. M8) and thread length

FT Female drilled and tapped



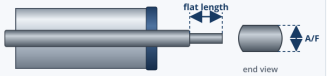
Tell us: Thread size and depth (e.g. M10 x 20)

HX Hex shaft



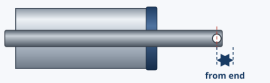
Tell us: Across flats (A/F), e.g. 8mm or 11mm hex

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

SHAFT END CODES

SL	Spring loaded – round shaft	Shaft Ø	SL8	**FL**	Machined flats	Shaft Ø – A/F x flat length	FL12-10x15
SH	Spring loaded – hex shaft	Hex A/F	SH11	**PL**	Plain round shaft	Shaft Ø x OAL	PL15
FT	Female drilled and tapped	Shaft Ø – thread x depth	FT12-M8x20	**CD**	Cross drilled	Hole Ø @ distance from end	CD6@8
MT	Male thread	Shaft Ø – thread x thread length	MT12-M10x25	**ME**	Machined end	End Ø x length	ME10x15
HX	Fixed hex shaft	Hex A/F x OAL	HX11	**HB**	Hollow bore	Bore Ø	HB12

FRAME CLEARANCE – SETTING THE ROLLER LENGTH

Spring loaded (SL, SH) — Roller OB = between frames (BF) minus 2–4mm: about 1–2mm gap each side. Keep each gap under 3mm, and no more than 5mm in total, or the shaft may not hold in the frame. The shaft springs out into the frame holes.

Female drilled and tapped (FT) — Shaft cut to the exact between-frames width, so the frame clamps the shaft when bolted. Tube OB about 2–4mm shorter than BF so it turns freely.

Male thread (MT) — Shaft passes through the frame. Tell us the frame thickness; we allow for nuts and washers. Tube OB about 2–4mm shorter than BF.

Fixed hex, flats, plain (HX, FL, PL) — Tell us the overall shaft length (OAL) and the frame hole or slot size. Tube OB about 2–4mm shorter than BF.

Rollers are made to order to your size and are non-returnable. Figures are for guidance – we confirm sizes with your quotation.