Machined Drums/Pulleys

UNDER BELT DRIVEN

MACHINE TURNED

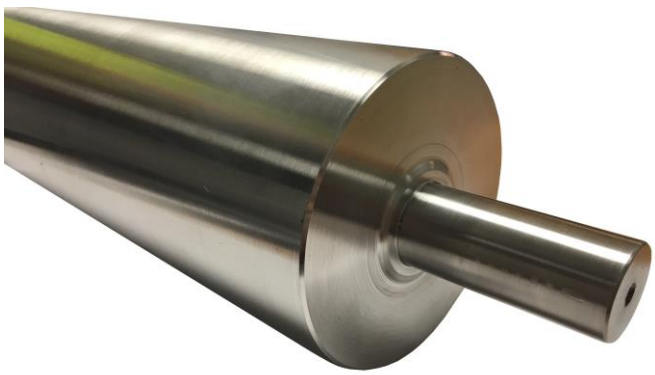
Conveyor Drums (pulleys) include a cylindrical shell (crowned or parallel), end discs supported within the shell and a fixed shaft - plain or with keyway.

Machined Rollers include a cylindrical shell (crowned or parallel), end discs with integral bearings supported within the shell & a captivated shaft.
Both roller types are designed for demanding applications where high loads or continuous use is required. Rollers are usually despatched in 7 working days.

Drums/Rollers are machined from Mild Steel, Stainless & Mild steel Mix

DESIGN:-
Smooth machined surfaces provide maximum belt protection.

1. Hubs and end disc are accurately machined to ensure concentricity.
2. Drums or Machined rollers are available with a parallel or crowned face.
3. Normally shafts have taper lock bushing for ease of maintenance and offer superior performance to that of welded shafts.
4. Lagging (rubber/polyurethane covering) is usually provided to increase traction between belt and pulley.
5. Drum diameters include: 60mm, 76mm, 89mm; 95mm; 101.6mm; 108mm; 114mm; 121mm; 127mm; 133mm; 139mm; 146mm; 152mm; 159mm; 168mm; 177.8mm; 193.7mm; 203mm; 219mm; 229mm; 244mm & 254mm.



Quality Systems Certifications Ltd ISO 9001:2015

AED Premium Quality Products. British made

Quantity Assured: ISO 9001:2015 Accredited

Bespoke Rollers: Made To Measure

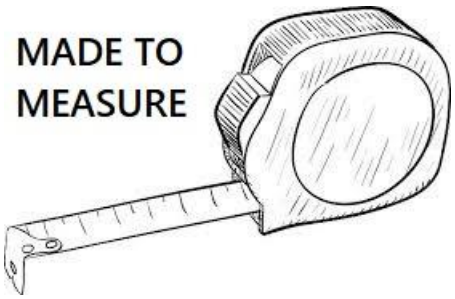
Gravity Modular Conveyors (non-powered)

Made in Britain

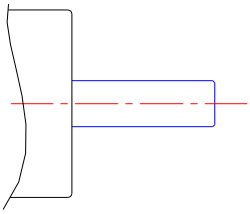
Template for Steel Machined Drums

UNDER BELT DRIVEN

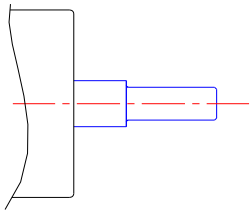
MACHINE TURNED

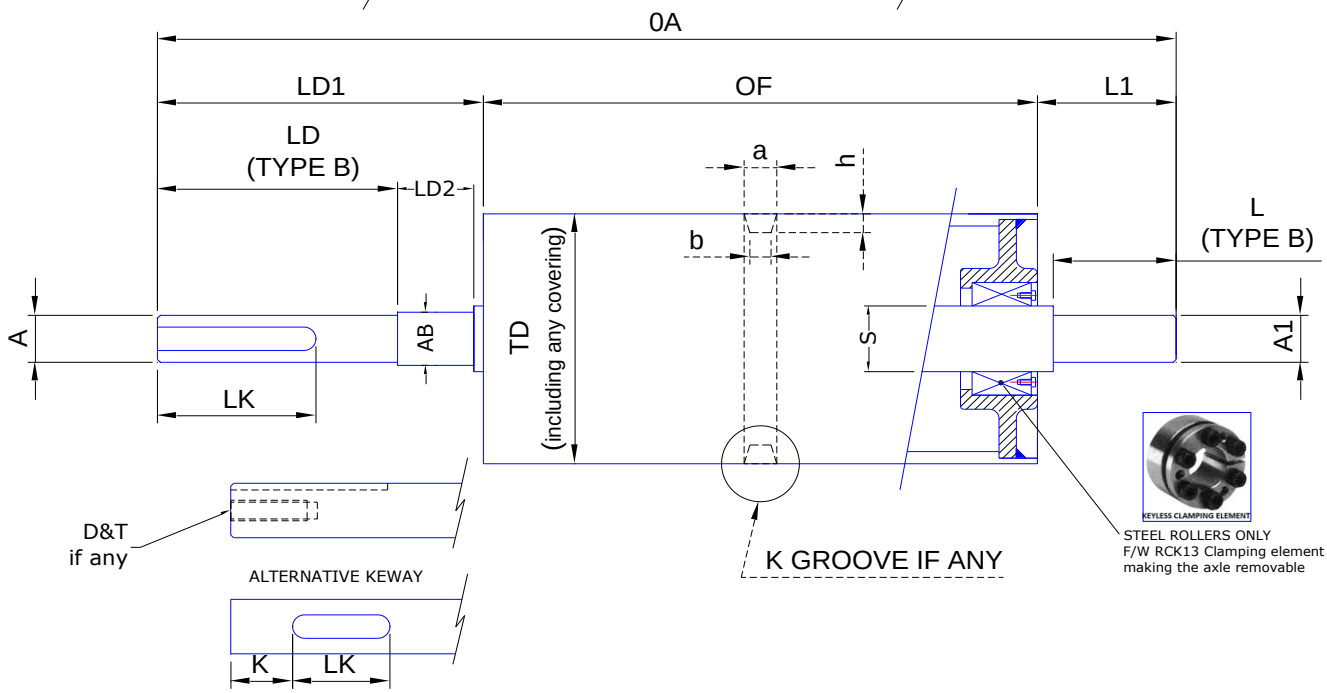


AXLE TYPE A - ENDS NOT MACHINED



AXLE TYPE B - ENDS MACHINED TO REDUCED DIAMETER





Quantity: _____

Tube Details:-

Tube Material (circle):					
Mild Steel	Stainless Steel				
Tube Condition (circle):					
Parallel	Crowned				
Tube Diameter (TD): (include any covering)	ø _____mm				
Over Face (OF):	_____mm				
Rubber Lagging (circle):	YES | NO				
If YES, what rubber thickness?	_____mm				
Grooved (circle): *only possible if rubber covered*	YES | NO				
Groove Type (circle): *See table above for 'K' dimensions*					
K6	K8	K10	K13	K17	K30
OR if groove not defined in 'K' table, please advise your bespoke groove dimensions:					
a: _____mm	b: _____mm	h: _____mm			

Axle Details:-

Axle type A (ends not machined)			
A= ø	LD1=	L1=	OA=
Keyway yes/no			
LK=	K=	D&T=	

Axle type ends B (1 end or both ends machined)			
S= ø (parent shaft)	A= ø AB ø	A1= ø	OA=
LD1=	LD= LD2=	L1= L=	Comments:
Keyway yes/no			
LK=	K=	D&T=	

Axle material: Mild Steel / Stainless G303 /G316