

# Plastic 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/Pulleys are machined from extruded rod; Polypropylene, U-PVC or PE (polyethylene)**

## DESIGN:-

Smooth machined surfaces provide maximum belt protection.

1. Drums/Pulleys are available with a parallel, Crown face
2. Belt tracking groove
3. Fixed shafts/ axles for external bearings /gearbox
4. Lagging is usually provided to increase traction between belt and pulley.
5. Drum diameters include: 50mm, 60mm, 70mm; 80mm; 90mm; 100mm; 110mm; 120mm; 130mm; 150mm; 200mm



AED Premium Quality  
Products. British made

ISO \*\*\*\*\*

Quantity Assured: ISO 9001:2015 Accredited  
Bespoke Rollers: Made To Measure  
Gravity Modular Conveyors (non-powered)



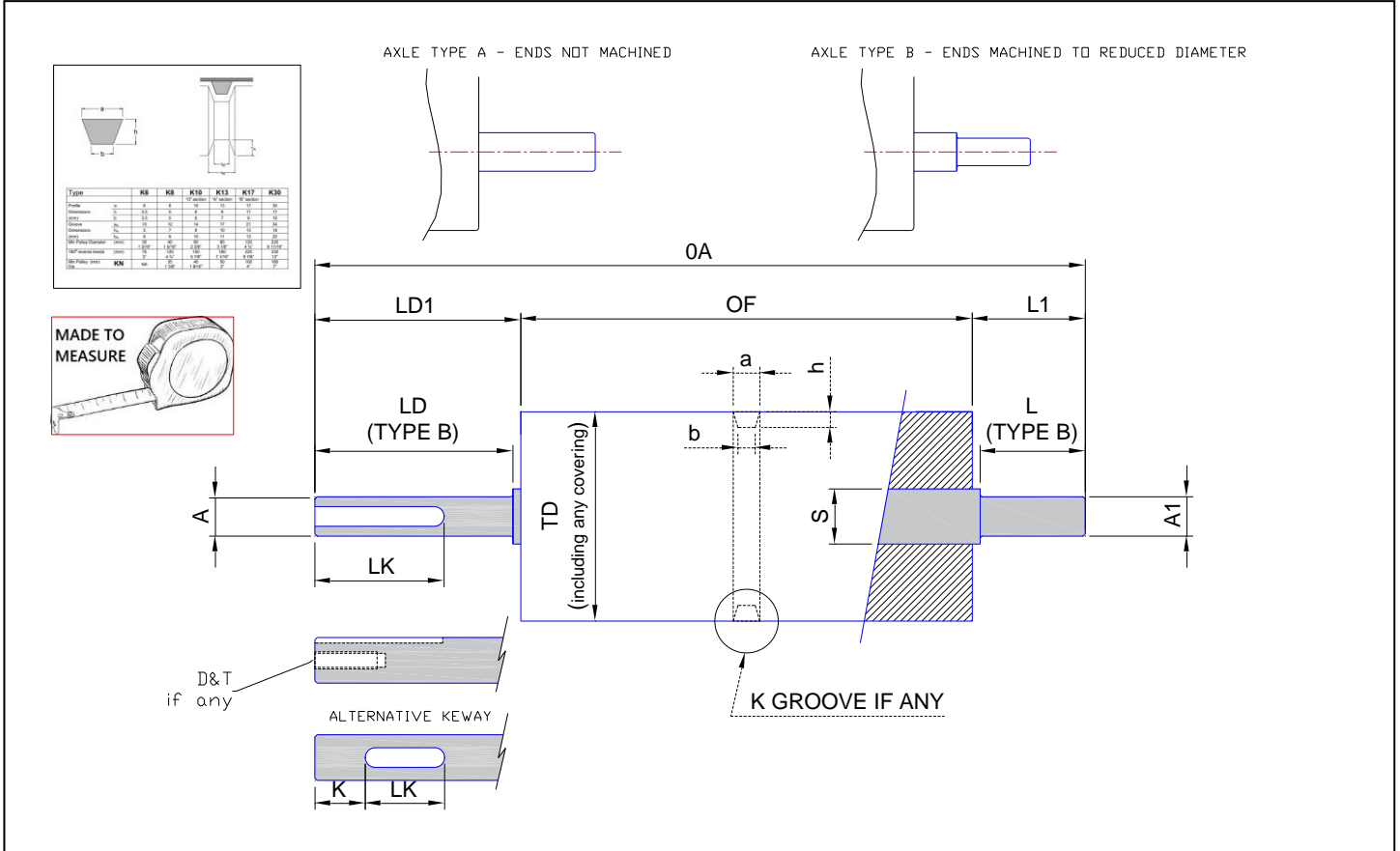
# Template for Plastic Machined Drums



UNDER BELT DRIVEN



MACHINE TURNED



Quantity: \_\_\_\_\_

**Tube Details:-**

<b>Tube Material (circle):</b>						
POLYPROP	U-PVC	PE				
<b>Tube Condition (circle):</b>						
Parallel			Crowned			
<b>Roller Diameter (TD):</b> (include any covering)						∅ _____mm
<b>Over Face (OF):</b>						_____mm
<b>Rubber Lagging (circle):</b>						YES   NO
<b>If YES, what rubber thickness?</b>						_____mm
<b>Belt Track Grooved (circle):</b>						YES   NO
<b>Groove Type (circle):</b>						
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:**

<b>Axle type A (ends not machined)</b>			
A= ∅	LD1=	L1=	OA=
<b>Keyway yes/no</b>			
LK=	K=	D&T=	
<b>Axle type ends B (1 end or both ends machined)</b>			
S= ∅	A= ∅	A1= ∅	OA=
LD1=	LD=	L1=	L=
<b>Keyway yes/no</b>			
LK=	K=	D&T=	

**Axle material: circle Stainless 303 316/ Steel**