

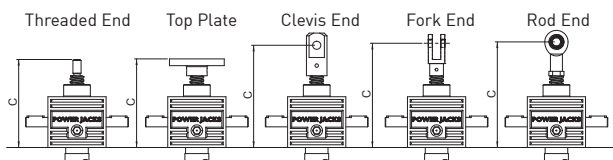
Performance

Screw Jack Model		CM-010	
Capacity	kN	10	
Lead Screw	Diameter (mm)	20	
	Lead (mm)	5	10
Gear Ratios	Option 1	5:1	
	Option 2	20:1	
Turn of worm for travel of lead screw	Option 1	1 Turn	1mm
	Option 2	4 Turn	1mm
Maximum Input Power (kW)	Option 1	0.375	
	Option 2	0.19	
Start up torque at full load (Nm)	Option 1	6.8	9.4
	Option 2	3.0	4.1
Maximum Through Torque (Nm)	Option 1	20.4	
	Option 2	9.0	
Static Efficiency	Option 1	0.236	0.339
	Option 2	0.133	0.192
Dynamic Efficiency	Option 1	0.306	0.424
	Option 2	0.194	0.268
Lead Screw Restraining Torque (Nm)	-	22	30
Worm Shaft Radial Load (N)		325	
Maximum Input Speed (rpm)	-	1800	
Gear Case Material		Aluminium	
Weight (kg) – stroke = 150mm	Translating	3.0	
	Rotating	3.1	
Weight (kg) – per extra 25mm	Translating	0.11	
	Rotating	0.05	

CMT0010-C00



CMT0010 Closed Heights



Closed Height 'C'	Threaded End	Top Plate	Clevis End	Fork End	Rod End
CMT0010	130	130	150	153	155
Stroke (mm)	With Bellow Boots (B)				
0 - 500	150	150	170	173	175
501 - 1000	180	180	200	203	205
1001 - 1500	210	210	230	233	235
1501 - 2000	290	290	310	313	315

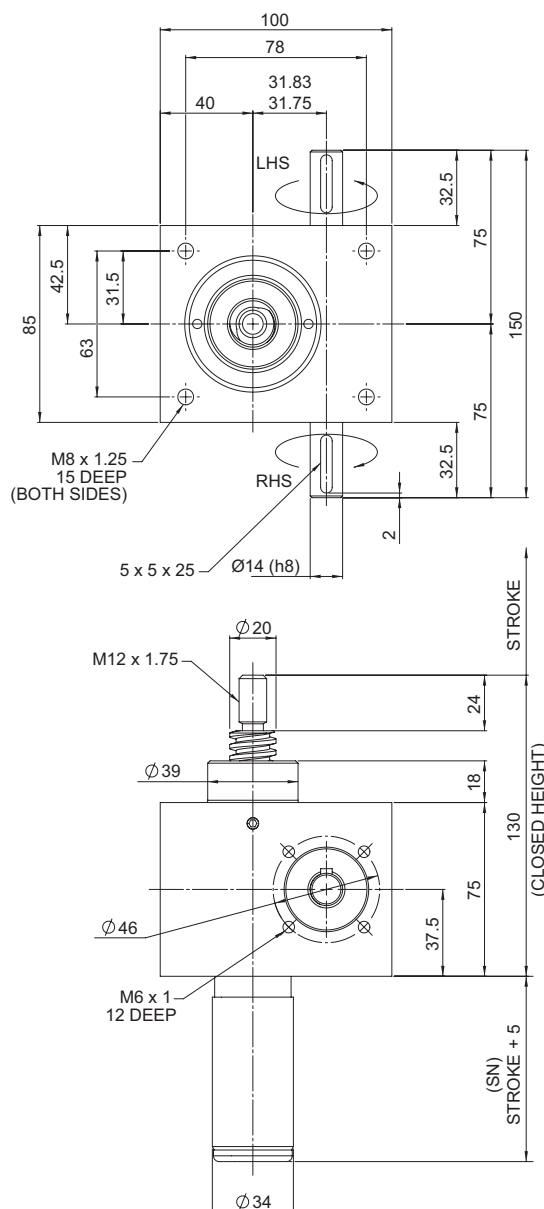
CMT0010 Stop Nut



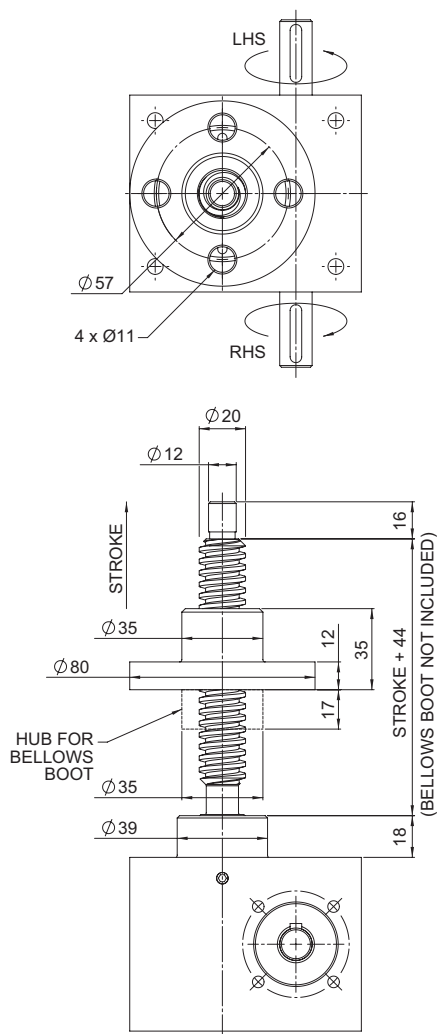
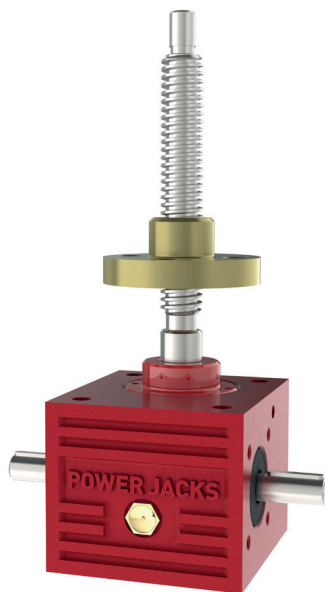
Stop nut provides a full power mechanical stop at the end of the lead screw. To be used as a safety feature in emergency conditions.
SN = Stroke + 25mm

Note:

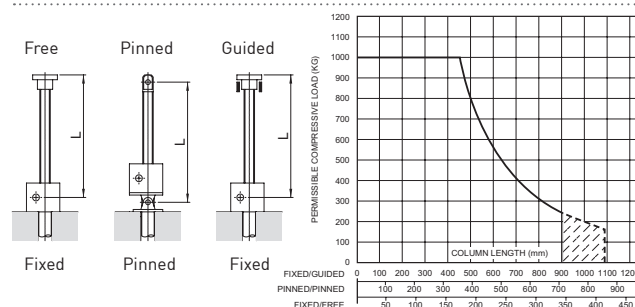
- All dimension in millimetres unless otherwise stated.
- Designs subject to change without notice.



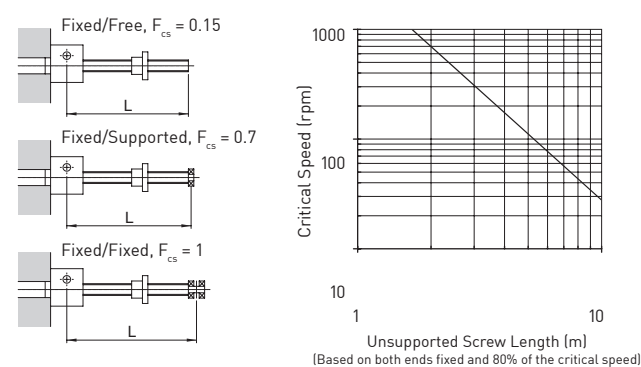
CMR0010-C00



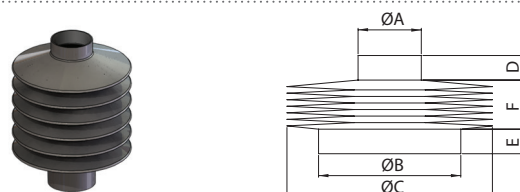
Column Strength



Critical Screw Speed



Bellows Boot



	ØA	ØB	ØC	D	E
CMT0010	30	39	110	15	15
CMT0010 (Rod End)	19	30	100	13	10
CMR0010	35	39	110	15	15

Stroke	1 - 500	501 - 1000	1001 - 1500	1500 - 2000
F	30	60	90	170*

Accessories & Options

