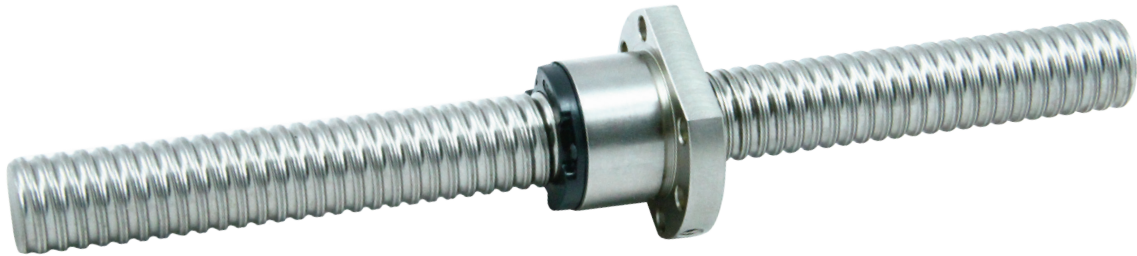


Lubrication instructions: **Ball screw drive**



Lubrication interval for ball screw

The table below shows the recommended lubrication interval for AluFlex® ball screws.

Temperature	10-40 °C	
Speed	up to 1 m/s	up to 3 m/s
Ball screw size	Load	Load
12, 15 and 16	up to 15 kg	over 15 kg
20	up to 60 kg	over 60 kg
25 and 32	up to 100 kg	over 100 kg
40 and 50	up to 250 kg	over 250 kg
63	up to 400 kg	over 400 kg
Lubrication interval every	750 hours or every 6 months	500 hours or every 6 months

Amount of lubricant for ball screws

The amount of lubricant in grams each time regreasing takes place.

Keep in mind not to over-lubricate. It can cause problems.

Size	Amount of lubrication per carriage	
	gram	cm ³
12, 15 and 16	4	4.5
20	7	7.8
25	9	10
32	13	14.5
40	16	17.8
50	19	21.1
63	25	27.8

Servicing

The ball screw lubricates through one of the grease nipples in the ball nut.

Use ball bearing grease as lubricant. The standard grease is lithium-based.

Keep in mind that it must not contain graphite or molybdenum disulphide.