

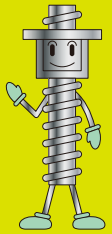
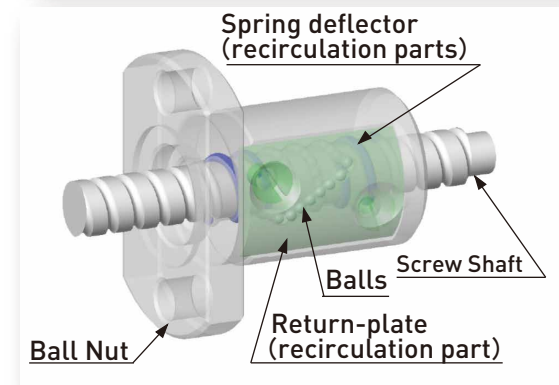
KSS News-letter of Miniature Ball Screws & Actuators

Topics

Do you know how the inside of Ball Screws are? Do you know how to assemble?



This time we will show you how to assemble Ball Screws.
Ball Screws mainly consist of Screw Shaft, Ball Nut, Balls and recirculation device.
Many Balls roll on threaded groove of Shaft & Ball Nut through recirculation part as shown figure left.



Skilled worker assembles each parts to make one Ball Screw manually.



Movie Assembling in motion image.
CLICK

http://www.kss-superdrive.co.jp/jp/movie/mailmaga1_1.mp4

You can see how the inside of Ball Screws are with skeleton model.

Movie Ball recirculation in motion image.
CLICK

http://www.kss-superdrive.co.jp/jp/movie/mailmaga1_2.mp4

KSS is a manufacturer of specialized miniature sized Ball Screws, so inevitably the size of the Balls for each Ball Screws are extremely small.
The smallest Ball we use is 0.4mm of its diameter.
They are smaller than Mechanical Pencil lead, which is normally dia. 0.5mm. Only well-trained worker can be assembled using these tiny Balls.



With our history of more than 40 years of experience with specializing miniature sized Ball Screws, which is with its dia. 1.8mm-16mm. We are sure that we can provide the best support with our expert skills and know-how. We thank you for your consideration.