

**Q : What are the features of KSS Lead Screws?
What kind of variations of Lead Screws can KSS produce?**

KSS processes Lead Screws by groove grinding, so that we can produce high accurate Lead Screws. This is because we have much know-how on groove grinding for the long period of KSS history. We can also provide appropriate accuracy of Lead Screws by turning process. In addition, for bulk order, we will use Rolling technology on Shaft, which would lead to cost down. Furthermore, we will provide plastic Nuts created by injection mold for mass production.



About the variety of Lead Screws, we will produce whatever customer wants, as long as customer's request is based on official standard, such as JIS, ACME, ISO ANSI etc.,. Our standard of Lead Screws, which means the combination of Shaft and Pitch, is based on Metric coarse screw thread and Metric fine screw thread in JIS (Japan Industrial Standard) as shown in table below. Other than that, we can provide Trapezoidal thread, Unified screw thread and ACME screw thread.

● Combination of shaft dia. & Pitch

Unit:mm

Shaft dia. 径径	Pitch ピッチ	0.25	0.35	0.4	0.45	0.5	0.7	0.75	0.8	1.0	1.25	1.5	2.0
2		◎		○									
2.5			◎		○								
3			◎			○							
4						◎	○						
5						◎			○				
6						◎		◎		○			
7						◎		◎		○			
8						◎		◎		◎	○	□	
9						◎		◎		◎		○	□
10						◎		◎		◎		○	□

- ◎ Recommended model including Metric Fine Pitch Thread.
 - Metric Coarse Pitch Thread.
 - Metric Trapezoidal Thread
- ***Blank : Can be manufactured but please inquire KSS.

If you require the special combination of Shaft diameter and Pitch, please ask KSS representative.