

5.2. Standard Combinations of Shaft Diameter and Lead for the Precision Ball Screw

Table 3 shows standard combinations of shaft diameter and lead for the precision Ball Screw. If desiring a Ball Screw not covered by the table, contact **THK**.

Table 3 Standard Combinations of Screw Shaft and Lead (Precision Ball Screw)

Screw shaft outer diameter	Lead																							
	1	2	4	5	6	8	10	12	15	16	20	24	25	30	32	36	40	50	60	80	90	100		
4	●																							
5	●																							
6	●																							
8	●	●					●	○																
10		●	●				●		○															
12		●		●		●																		
13											○													
14		●	●	●		●																		
15							●			●				○			○							
16			○	●	○		○			●														
18							●																	
20			○	●	○	○	●	○			●						○		○					
25			○	●	○	○	●	○		○	●		○					○						
28				○	●	○	○																	
30																			○		○			
32			○	●	●	○	●	○			○				○									
36					○	○	●	○		○	○	○				○								
40				○	○	○	●	●		○	○			○			○			○				
45					○	○	○	○		○	○													
50				○		○	●	○		○	○			○		○		○				○		
55							○	○		○	○			○		○								
63							○	○		○	○													
70							○	○			○													
80							○	○			○													
100											○													

For combinations marked with "●," off-the-shelf products (standard-stock products equipped with standardized screw shafts - shaft ends unfinished and finished) are available.