

Order Made (Not Stocked)

Miniature Flanged Ball Screws AZ/DZ/GT

- **Shaft length and shaft end design are customizable**
Overall shaft length and thread length can be dictated to 1 mm increments
- **Ground thread finish options available**
Ground ball screws are ideal for applications that require precision positioning
- **Flange design is customizable**
Flange dimensions, shape, and features can be freely aligned to customers' design requirements



Technical Specifications

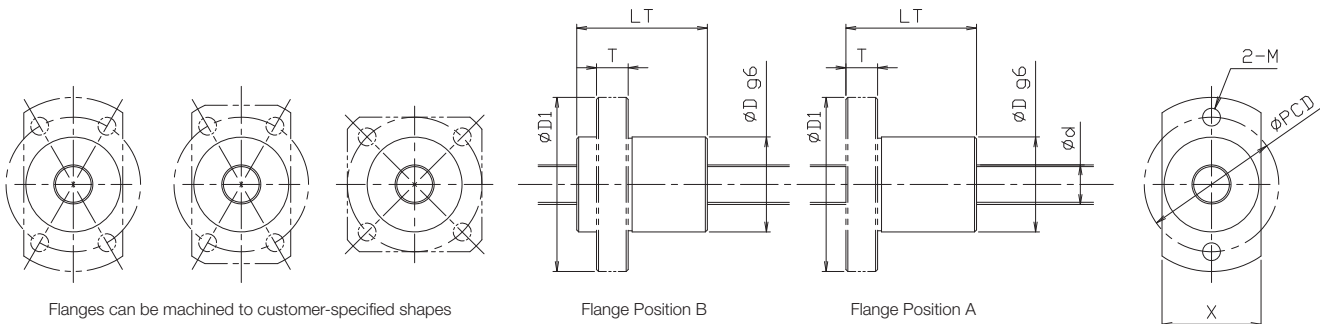
Model Number	Nominal Diameter [mm]	Lead [mm]	Ball Diameter [mm]	Number of Circuits	Basic Dynamic Load Rating [N]	Basic Static Load Rating [N]	Accuracy Grade
GT0601HS	6	1	0.800	1x2	390	770	C10
DZ0601HS		1	0.800	1x2	390	770	Contact us for details
DZ0602HS		2	1.000	1x2	540	760	
AZ06064S		6	1.200	1.7x2	1,310	1,650	
AZ06084S	8	1.200	1.7x2	1,250	1,600	C7 / C10	
GT0801HS	8	1	0.800	1x2	460		1,070
DZ0801HS		1	0.800	1x2	460		1,070
DZ0802HS		2	1.200	1x2	950		1,530
AZ08124S		12	1.5875	1.7x2	2,000	2,730	
AZ10053S	10	5	2.381	2.7x1	3,940	5,140	Contact us for details
AZ10102S		10	2.3812	1.7x1	2,540	3,130	
AZ12053S	12	5	2.3812	2.7x1	4,250	5,980	
AZ12103S		10	2.3812	2.7x1	4,300	6,200	
AZ12202S	20	2.3812	1.7x1	2,700	3,800		

Shape / Dimensions

[Unit: mm]

Model Number	Body Diameter D	Total Length LT	Thickness T	Nut Dimensions			Mounting Hole M	Flange Position
				Diameter D1	Width X	PCD		
GT0601HS	10	13	4	22	11	16	For M3	A
DZ0601HS	10	12	3	TBD	TBD	TBD	For M3	A
DZ0602HS	10	14	3					A
AZ06064S	12	16	3					B
AZ06084S	12	20	3					B
GT0801HS	12	15	4	24	13	18	For M3	A
DZ0801HS	12	13	4	TBD	TBD	TBD	For M3	A
DZ0802HS	14	17	4					A
AZ08124S	16	28	4					B
AZ10053S	23	24	11					A
AZ10102S	23	29	11					A
AZ12053S	24	35	11					A
AZ12103S	24	38	11	A				
AZ12202S	24	48	11	A				

The shape and features of the flange to be determined through technical consultation.



Flanges can be machined to customer-specified shapes

Flange Position B

Flange Position A