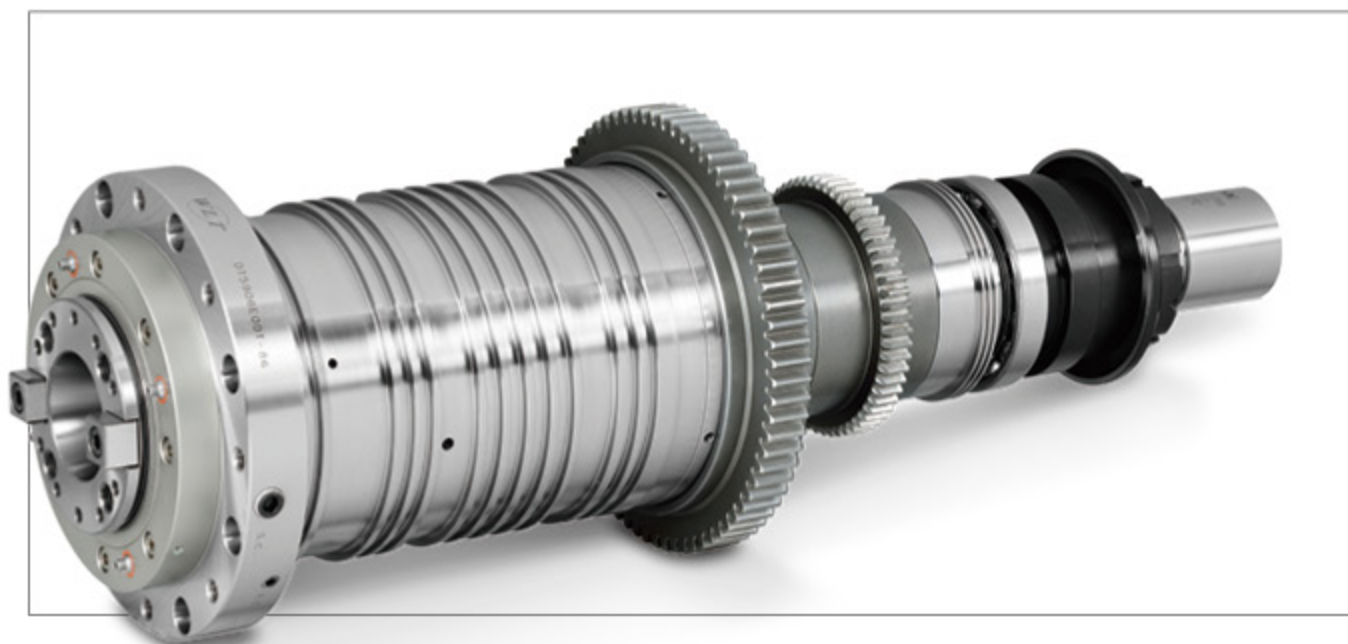


# Gear-Drive Spindle

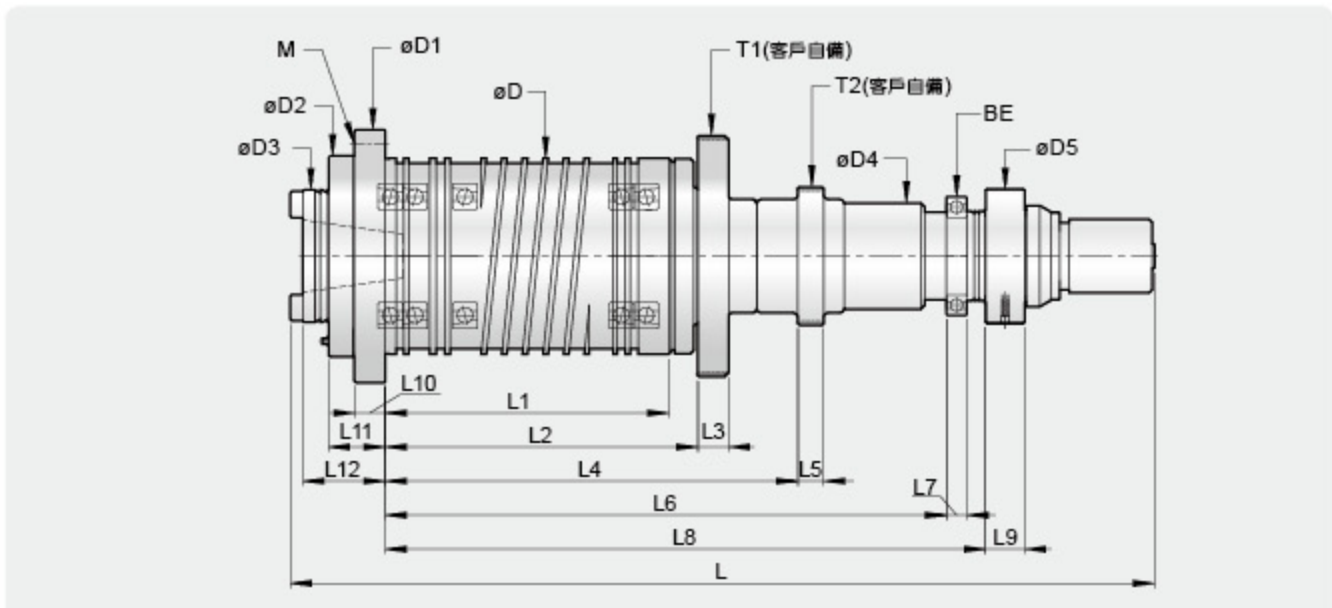


## Specifications of Gear-Drive Spindle for Milling Machine

Model	Speed (rpm)	I.D. of Front Bearing	Front Bearing Type	Rear Bearing Type	Spindle Nose Running Accuracy (250/300mm)	Tool Pulling Force	Lubrication	Dynamic Balance	Temp. Growth
<b>SPINDLE SPECIFICATION : BT 50</b>									
DT58FA	6,000	ø80	70 x 3	70 x 2	8 μm	1300 kgf	Grease	G1	15°C
DT59FO	6,000	ø90	70 x 3	70 x 2	8 μm	1750 kgf	Grease	G1	15°C
SZ59FO	6,000	ø90	70 x 3	70 x 2	8 μm	1750 kgf	Grease	G1	15°C
ZS59FO	6,000	ø90	70 x 3	70 x 2	8 μm	1750 kgf	Grease	G1	15°C
ZS5AAO	4,500	ø100	NN x 1 Thrust x2	NN x 1	8 μm	1750 kgf	Grease	G1	15°C

• Design and specifications are subject to change without prior notice. For ordering, please contact our business department.

## Dimensional Drawing of Geae-Drive Spindle for Milling Machine



**Dimensional and Specification of Gear-Drive Spindle**

UNIT: mm

Model	L	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12
<b>SPINDLE SPECIFICATION : BT 50</b>													
DT58FA	646	190	220.5	26	297.5	22	365	18	383	38	30	57	67
DT59FO	801	246	288	29	399	19	502	22	542.5	22	35	61	75
SZ59FO	826	275	303	30	400	25	544	20	582	38	30	55	80
ZS59FO	916	275	303	30	400	20	544	20	582	38	30	145	170
ZS5AAO	826	275	303	30	400	25	544	22	582	38	30	57	80

Model	T1 (Front Gear)	T2 (Rear Gear)	øD	øD1	øD2	øD3	øD4	øD5	M	BE
<b>SPINDLE SPECIFICATION : BT 50</b>										
DT58FA	Prepared by customer		ø150	ø205	ø162	ø107	ø73	ø81	8-M10-PCD 180	6012
DT59FO	Prepared by customer		ø200	ø256	ø195	ø128.57	ø124	ø122	8-M12-PCD 230	6017
SZ59FO	Prepared by customer		ø190	ø245	ø195	ø128.57	ø103	ø130	8-M12-PCD 220	6015
ZS59FO	Prepared by customer		ø190	ø245	ø200	ø128.57	ø103	ø130	8-M12-PCD 220	6015
ZS5AAO	Prepared by customer		ø190	ø247	ø196	ø128.57	ø103	ø130	8-M12-PCD 220	6017

• L2 / L3 : Positions of front gear

• L4 / L5 : Positions of rear gear

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**WAY LONG TECHNOLOGY CO., LTD.**

No.23-20, Longxing Ln., Sec. 2, Fengxing Rd., Tanzi Dist.,  
Taichung City 427, Taiwan

Tel : 886-4-2539 0238

Fax: 886-4-2539 0112

Email: waylong.spindle@msa.hinet.net

Http://www.wlt-tw.com