

Belt-Drive Spindle

Belt-Drive Spindle for Milling Machine.
Coolant Through Spindle Type

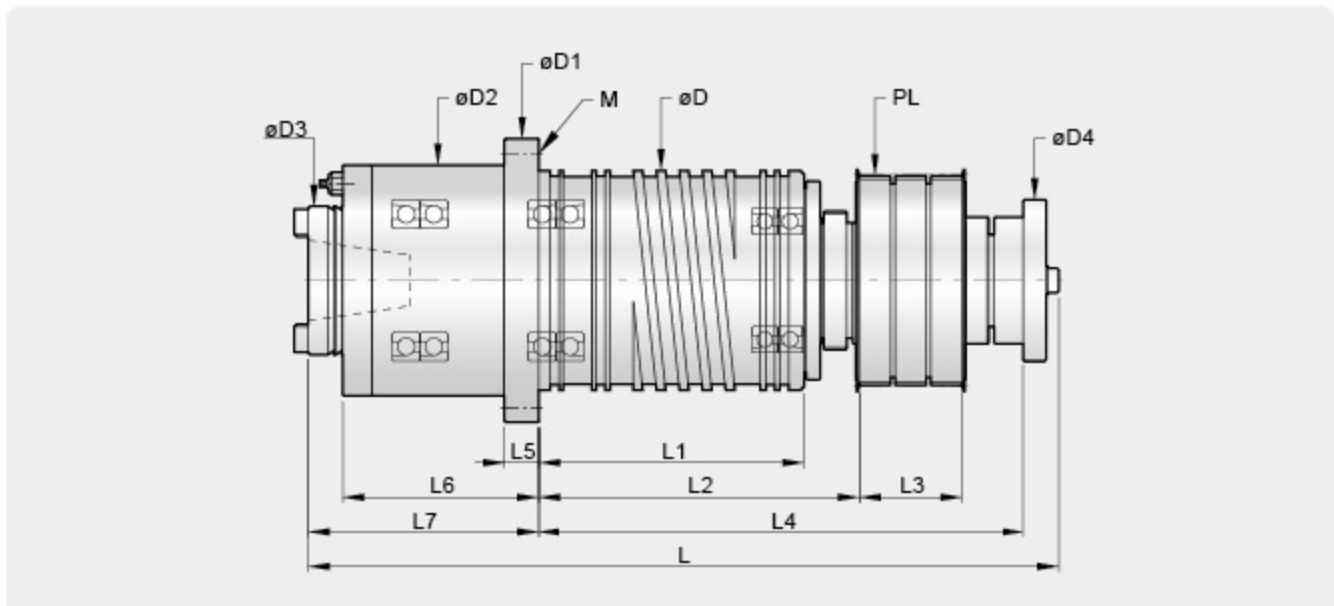


Specifications of Direct-Drive Spindle for Milling Machine

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
SPINDLE SPECIFICATION : BT 40									
FS46EA	8,000~12,000	ø60	70 x 2	70 x 2	8 μm	600 kgf	Grease	G1	15°C
WS46EA	8,000~12,000	ø60	70 x 2	70 x 2	8 μm	600 kgf	Grease	G1	15°C
TF46EA	8,000~12,000	ø65	70 x 2	70 x 2	8 μm	700 kgf	Grease	G1	15°C
FS47EA	8,000~12,000	ø70	70 x 2	70 x 2	8 μm	850 kgf	Grease	G1	15°C
NT47CA	8,000~12,000	ø70	70 x 4	70 x 2	8 μm	800 kgf	Grease	G1	15°C
NT47EB	8,000~12,000	ø70	70 x 2	70 x 2	8 μm	850 kgf	Grease	G1	15°C
WL47EA	8,000~12,000	ø70	70 x 2	70 x 2	8 μm	850 kgf	Grease	G1	15°C
SPINDLE SPECIFICATION : BT 50									
ZS58EA	6,000~10,000	ø80	70 x 2	70 x 2	8 μm	1300 kgf	Grease	G1	15°C
NS59CA	6,000~10,000	ø90	70 x 4	70 x 2	8 μm	1750 kgf	Grease	G1	15°C
NT59CA	6,000~10,000	ø90	70 x 4	70 x 2	8 μm	1750 kgf	Grease	G1	15°C
HT625A	2,500	ø140	NN x 1 Thrust x2 NN x 1		8 μm	2200 kgf	Grease	G1	15°C
SPINDLE SPECIFICATION : BT 60									
WL6IAT	2,000	ø180	NN x 1 Thrust x2 NN x 1		20 μm	5500 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 Belt-Drive Spindle for Milling Machine



Dimensional and Specification of Direct-Drive Spindle

UNIT: mm

Model	ϕD	$\phi D1$	$\phi D2$	$\phi D3$	$\phi D4$	L	L1	L2	L3	L4	L5	L6	L7	M	PL
SPINDLE SPECIFICATION : BT 40															
FS46EA	$\phi 120$	$\phi 163$	$\phi 130$	$\phi 84$	$\phi 62$	425	238	250	58	340	20	37	57	6-M8-PCD 146	5GT-68T
WS46EA	$\phi 120$	$\phi 164$	$\phi 130$	$\phi 84$	$\phi 62$	425	168	178	60	270	20	107	127	6-M8-PCD 146	5GT-68T / 8YU-46T
TF46EA	$\phi 140$	$\phi 185$	$\phi 140$	$\phi 89$	$\phi 80$	435	238	250	60	345	24	45	65	8-M10-PCD 160	5GT-68T
FS47EA	$\phi 150$	$\phi 202$	$\phi 155$	$\phi 88$	$\phi 88$	510	274	311.5	40	385	25	46	66	8-M10-PCD 180	5GT-68T
NT47CA	$\phi 150$	$\phi 202$	$\phi 155$	$\phi 88$	$\phi 80$	540	200	248.5	45	395	25	115	135	8-M10-PCD 180	5GT-60/64T 8YU-44T
NT47EB	$\phi 150$	$\phi 202$	$\phi 155$	$\phi 88$	$\phi 80$	540	200	246	49	395	25	115	135	8-M10-PCD 180	5GT-60/64T 8YU-44T
WL47EA	$\phi 150$	$\phi 202$	$\phi 155$	$\phi 88$	$\phi 88$	510	205	242.5	43	316	25	115	135	8-M10-PCD 180	5GT-68T / 8YU-48T
SPINDLE SPECIFICATION : BT 50															
ZS58EA	$\phi 155$	$\phi 205$	$\phi 165$	$\phi 107$	92	609	215	237	56	398	25	147	174	8-M10-PCD 180	8YU-48T
NS59CA	$\phi 190$	$\phi 246$	$\phi 200$	$\phi 128.57$	$\phi 140$	651	320	368	89	510	35	45	110	6-M12-PCD 220	8YU-60T/65T
NT59CA	$\phi 190$	$\phi 246$	$\phi 200$	$\phi 128.57$	$\phi 140$	651	230	278	89	420	30	170	200	6-M12-PCD 220	8YU-65T
HT625A	$\phi 270$	$\phi 335$	$\phi 270$	$\phi 170$	$\phi 100$	468.5	330	403	115	553	30	108	123	8-M16-PCD 300	14M-56T
SPINDLE SPECIFICATION : BT 60															
WL61AT	$\phi 350$	$\phi 415$	$\phi 350$	$\phi 225$	--	--	--	615	200	--	40	75	105	8-M16-PCD 380	HTD-72T

- L2 / L3 : Positions of spindle pulley
- L4 : Anti-snap ring position

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