

7.3. Maximum Manufacturing Length by Accuracy

Tables 5 and 6 show the maximum manufacturing lengths of ball spline shafts by accuracy.

Table 5 Maximum Manufacturing Length of Models LBS, LBST, LBF, LBR, LBH, LBG and LBGT by Accuracy Unit: mm

Nominal shaft diameter	Accuracy		
	Normal grade (no symbol)	High grade (H)	Precision grade (P)
6	200	150	100
8	300	200	150
10	500	400	300
15	1800	600	600
20	2500	700	700
25	3000	1400	1400
30	4200	1400	1400
40	4200	1400	1400
50	4200	1400	1400
60	3000	2500	2000
70	3000	2500	2000
85	3000	3000	3000
100	3000	3000	3000
120	3000	3000	3000
150	3000	3000	3000

Table 6 Maximum Manufacturing Length of Models LT, LF, LTR and LTR-A by Accuracy Unit: mm

Nominal shaft diameter	Accuracy		
	Normal grade (no symbol)	High grade (H)	Precision grade (P)
4	200	150	100
5	250	200	100
6	600	600	600
8	1000	1000	1000
10	1000	1000	1000
13	1000	1000	1000
16	1500	1500	1500
20	2000	2000	2000
25	3000	3000	3000
30	3000	3000	3000
40	3000	3000	3000
50	3000	3000	3000
60	3000	3000	2500
80	3000	3000	2500
100	3000	3000	3000