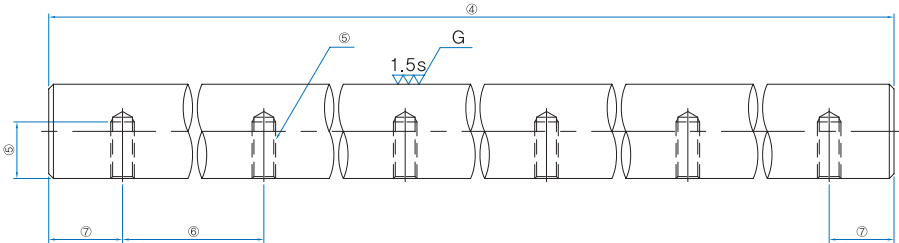
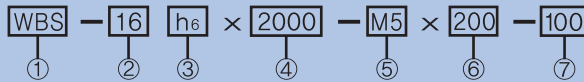


3. Type number format III (Tapped shaft)



① Type of LM Shaft

Tapped Shaft	WBS	Standard tapped shaft. Material : High Carbon Steel (KS SM55C, JIS S55C) for LM Shaft, KS STB-2(JIS SUJ-2)	We recommend that these shafts should be applied with support rails for shafts and mainly applied in the environment for being occurred deflection or vibration feasibly.
	WBAS	Stainless steel tapped shaft for strong anti-corrosion. Material : KS STS440C(JIS SUS440C)	
	WBCS	Hard chromium plated tapping shaft for anti-corrosion with economical cost in normal use. Material : High Carbon Steel KS SM55C(JIS S55C) for LM Shaft, KS STB-2(JIS SUJ-2)	

- ② Diameter (mm), ③ Diameter Tolerance (μm), ④ Length (mm), ⑤ Tap size (mm), ⑥ Pitch(mm),
- ⑦ Distance from the last taps to The both ends of shaft (mm)

DIA D(mm)	Diameter tolerance (μm)			Standard length in stock L(mm)					Tap size	Pitch (mm)	Distance from the last taps to both ends (mm)
	g6	h5	h6	1000	1200	1500	2000	3000			
10	-5~-14	0~-6	0~-9						M4 x 0.7 x 6	100	50
12	-6~-17	0~-8	0~-11						M4 x 0.7 x 6	100	50
13									M4 x 0.7 x 6	100	50

DIA. D(mm)	Diameter tolerance (μm)			Standard length in stock L(mm)					Tap size	Pitch (mm)	Distance from the last taps to both ends (mm)		
	g6	h5	h6	1000	1200	1500	2000	3000					
16	-7~-20	0~-9	0~-13						M5x0,8x9	150	75		
20										M6x1x10	150	75	
25											M6x1x12	200	100
30											M8x1,25x15	200	100
35	-9~-25	0~-11	0~-16						M8x1,25x15	200	100		
40										M8x1,25x18	300	150	
50										M10x1,5x22	300	150	

Note) Max. Lengths : DIA. 10 ~ 12mm : L.4000mm
 DIA. 25mm ~ : L.6000mm

6 LM Shaft End Support Block & Rail

1. Shaft End Support Block

These support blocks can support the ends of LM Shaft without special machining.
 There are blocks for a plane and a wall.



2. Shaft Support Rail

This support rail supports the tapping machined shaft in considering shaft deflection or vibration and makes 'Slide Rail Unit' by being assembled with open type of ball bushing.



Shaft Support Rail I
(ST)

Shaft Support Rail II
(STU)