

Guide Axis ▶ Internal Thread on One End • Standard Type

Ordinary Grade/Precision Grade

①~④ Select the type and parameters in the order of for ordering.

■ Ordinary Grade

Model (①Code) — ②D — ③L — ④M — LC EC() MC() JD()
HAZHN — D4 — L300 — M2 — LC

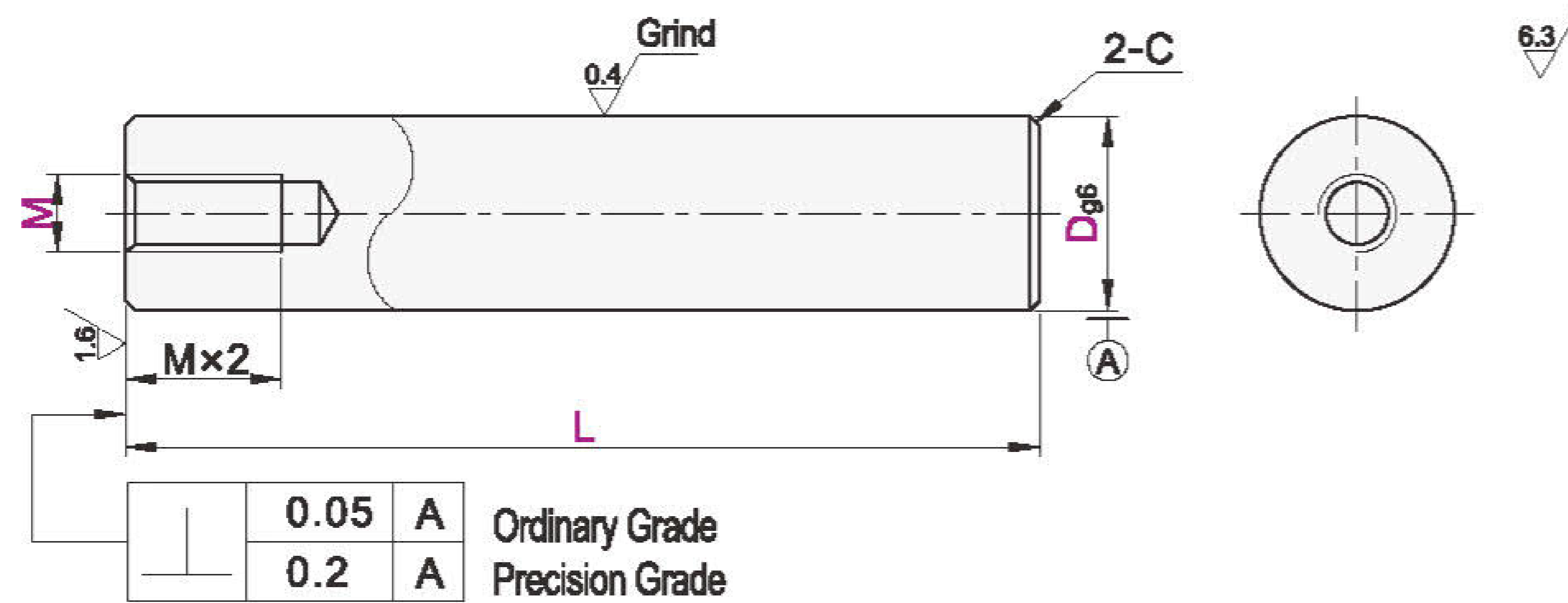
■ Optional Processing



Quantity	1~9	10~
Price	100%	Separate Quotation

Price Excluding Tax (Yuan)

Code	Type	Precision Grade	D Tolerance	Material		Hardness	Surface Treatment
				International	Equivalent		
HAZHN	Internal Thread on One End Standard Type	Ordinary Grade	g6	GCr15	SUJ2	High-frequency quenching Effective hardened layer depth see P003 Quenching hardness	—
HAZHP				GCr15	SUS440C		Hard Chromium Plating, Coating hardness HV850~; Coating thickness 3-53-5µm
HAZHS							—
HAZHT				GCr15	S45C		Hard Chromium Plating, Coating hardness HV850~; Coating thickness 3-53-5µm
HAZHQ							—
HAZHR				GCr15	S45C		Hard Chromium Plating, Coating hardness HV850~; Coating thickness 3-53-5µm
HAZJHN							—
HAZJHP				GCr15	SUS440C		Hard Chromium Plating, Coating hardness HV850~; Coating thickness 3-53-5µm
HAZJHS							—
HAZJHT				9Cr18Mo	SUS440C		Hard Chromium Plating, Coating hardness HV850~; Coating thickness 3-53-5µm
HAZJHT	—						



- For roundness, straightness, perpendicularity, coaxiality, hardness change, and chromium layer distribution, please refer to the guide shaft product brochure.
- Please note that the hardness of the shaft end processing part (effective thread length + approximately 10mm) may decrease due to the annealing effect of processing. For more details, please refer to the overview of the guide shaft.

Ordinary Grade

Model	②Dg6	③L Minimum Unit 1	④M Selection	C
①Code				
4	-0.004	15~300	2	0.2
5	-0.012	15~400	2.6 3	
6		15~600	3	
8	-0.005	15~800	3 4 5	0.5
10	-0.014		3 4 5 6	
12			4 5 6 8	
HAZHP		15~1000	4 5 6 8	0.5
HAZHS	-0.006	20~1000	4 5 6 8 10	
HAZHT	-0.017	20~1200	4 5 6 8 10	
HAZHQ		25~1200	4 5 6 8 10 12	1.0
HAZHR	-0.007		4 5 6 8 10 12 16	
25	-0.020		4 5 6 8 10 12 16	
30		30~1500	4 5 6 8 10 12 16 20	1.0
35			8 10 12 16 20 24	
40	-0.009		10 12 16 20 24 30	
50	-0.025	60~1500	12 16 20 24 30	

Precision Grade

Model	②Dg6	③L Minimum Unit 1	④M Selection	C
①Code				
4		20~200	2	0.2
5	-0.004	20~300	2.6 3	
6	-0.012		3	
8	-0.005	20~350	3 4 5	0.5
10	-0.014		3 4 5 6	
HAZJHP			4 5 6 8	
HAZJHS		4 5 6 8	1.0	
HAZJHT	-0.008	4 5 6 8 10		
15	-0.017	4 5 6 8 10		
16		4 5 6 8 10	1.0	
18		4 5 6 8 10 12		
20		4 5 6 8 10 12		
25	-0.007	25~450	4 5 6 8 10 12 16	1.0
30	-0.020		4 5 6 8 10 12 16 20	

Optional Processing

Code	Technical Specification																																				
LC	<p>Change L size tolerance</p> <p>Selection Method LC</p> <ul style="list-style-type: none"> Minimum Unit 0.1 L < 300 Change to L±0.03; 300 ≤ L < 600 Change to L±0.05; L ≥ 600 Change to L±0.1 Precision Grade is not applicable for L > 300 																																				
MC()	<p>Change internal thread to fine thread</p> <p>Selection Method MC14</p> <table border="1"> <thead> <tr> <th>D</th> <th colspan="3">MC</th> </tr> </thead> <tbody> <tr> <td>12-13</td> <td>8</td> <td>—</td> <td>—</td> </tr> <tr> <td>15-16</td> <td>8</td> <td>10</td> <td>—</td> </tr> <tr> <td>18</td> <td>8</td> <td>10</td> <td>12</td> </tr> <tr> <td>20</td> <td>8</td> <td>10</td> <td>12 16</td> </tr> <tr> <td>25-35</td> <td>8</td> <td>10</td> <td>12 16 20</td> </tr> <tr> <td>40</td> <td>—</td> <td>10</td> <td>12 16 20</td> </tr> <tr> <td>50</td> <td>—</td> <td>—</td> <td>12 16 20</td> </tr> <tr> <td>Pitch</td> <td>1.0</td> <td>1.25</td> <td>1.5</td> </tr> </tbody> </table> <ul style="list-style-type: none"> When selecting, please change M to MC When selecting, M and MC must be of the same size 	D	MC			12-13	8	—	—	15-16	8	10	—	18	8	10	12	20	8	10	12 16	25-35	8	10	12 16 20	40	—	10	12 16 20	50	—	—	12 16 20	Pitch	1.0	1.25	1.5
D	MC																																				
12-13	8	—	—																																		
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40	—	10	12 16 20																																		
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Pitch	1.0	1.25	1.5																																		

Code	Technical Specification										
EC()	<p>Add 1 flat surface</p> <p>Selection Method EC10-K8</p> <ul style="list-style-type: none"> Minimum Unit 1 Applicable to Ordinary Grade only <table border="1"> <thead> <tr> <th>D</th> <th>h</th> </tr> </thead> <tbody> <tr> <td>4~5</td> <td>0.5</td> </tr> <tr> <td>6~18</td> <td>1</td> </tr> <tr> <td>20~40</td> <td>2</td> </tr> <tr> <td>50</td> <td>3</td> </tr> </tbody> </table>	D	h	4~5	0.5	6~18	1	20~40	2	50	3
D	h										
4~5	0.5										
6~18	1										
20~40	2										
50	3										
JD()	<p>Add 1 keyway</p> <p>Selection Method JD10-J10</p> <ul style="list-style-type: none"> Minimum Unit 1 When JD=0, see the right image D 12, D16, D20, D25, D30 Only applicable to this optional processing 										

- When selecting 2 or more optional processing items, there should be a gap of more than 2mm between each processing area.
- Optional processing may reduce the hardness of the product.