

Guide Axis ▶ Internal Thread on Both Ends • Type with Wrench Slot

Ordinary Grade/Precision Grade



Please order according to the diagram

①~⑤ Select the type and parameters in the order of for ordering.

■ Type with Wrench Slot(Ordinary Grade)

Model (①Code) — ②D — ③L — ④M · N — ⑤S — (LC MC() NC())

HAZMN — D6 — L600 — M3-N3 — S20 — LC

■ Optional Processing



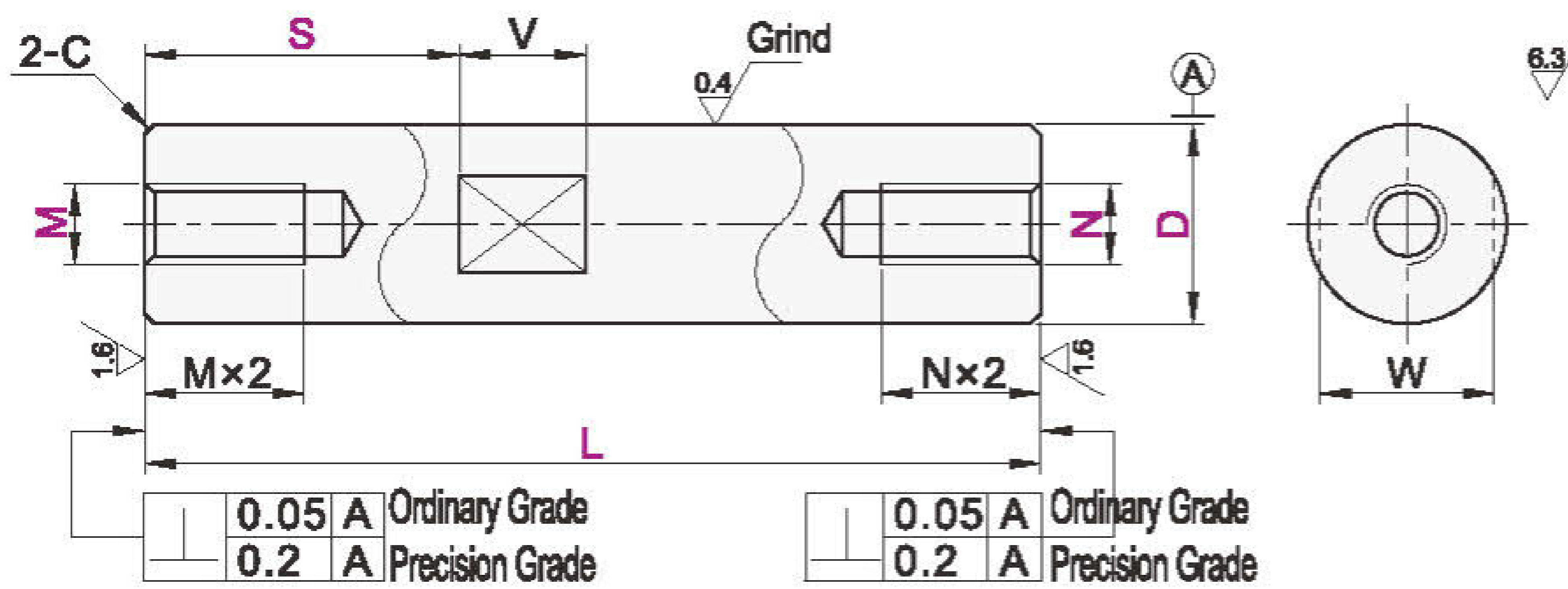
Discounted Price	
Quantity	1~9 10~
Price	100% Separate Quotation

Price Excluding Tax (¥/unit)

Custom-made / Inventory



Type with Wrench Slot		D Tolerance	Material		Hardness	Surface Treatment
Ordinary Grade	Precision Grade		International	Equivalent		
HAZMN	HAZMJN	g6	GCr15	SUJ2	High-frequency quenching	Hard Chromium Plating, Coating hardness HV850-, Coating thickness 3-53-5µm
HAZMP	HAZMJP				Effective hardened layer depth see P003	
HAZMS	HAZMJS	g6	9Cr18Mo	SUS440C	Quenching hardness	Hard Chromium Plating, Coating hardness HV850-, Coating thickness 3-53-5µm
HAZMT	HAZMJT				GCr15 HRC56~ S45C HRC56~ 9Cr18Mo HRC54~	
HAZMQ	—	45	S45C	—	—	—
HAZMR	—					



- ① For roundness, straightness, perpendicularity, coaxiality, hardness change, and chromium layer distribution, please refer to the guide shaft product brochure.
- ② Wrench Slot, Through Hole 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.
- ③ Deformation near the through hole may occur due to the annealing effect of processing, causing the outer diameter tolerance to exceed the specified value.

■ Type with Wrench Slot(Ordinary Grade)

Model ①Code	②Dg6	③L Minimum Unit 1	④M · N Selection	Wrench slot size			C
				⑤S	W	V	
HAZMN HAZMP HAZMS HAZMT HAZMQ HAZMR	6	-0.004 -0.012	15~600	3	5	7	0.5
	8	-0.005 -0.014	15~800	3 4 5	7	9	
	10			3 4 5 6	8		
	12		15~1000	4 5 6 8	10		
	13			4 5 6 8	11		
	15	-0.006 -0.017	20~1000	4 5 6 8 10	13		
	16			4 5 6 8 10	14	11	
	18		25~1200	4 5 6 8 10 12	16		
	20			4 5 6 8 10 12	17		
	25	-0.007 -0.020	30~1200	4 5 6 8 10 12 16	22		
30		30~1500	4 5 6 8 10 12 16 20	27	16	1.0	
35			4 5 6 8 10 12 16 20 24	30			
40	-0.009 -0.025	50~1500	4 5 6 8 10 12 16 20 24 30	36	21		
50			4 5 6 8 10 12 16 20 24 30	41			

Optional Processing

Code	Technical Specification																																				
LC	<p>Change L size tolerance</p> <p>Selection Method</p> <ul style="list-style-type: none"> ① Minimum Unit 0.1 ② L < 300 Change to L±0.03; ③ 300 ≤ L < 600 Change to L±0.05; ④ L ≥ 600 Change to L±0.1 ⑤ Precision Grade is not applicable for L>300 																																				
MC() NC()	<p>Change internal thread to fine thread</p> <p>Selection Method MC12</p> <table border="1"> <thead> <tr> <th>D</th> <th colspan="3">MC-NC</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> <p>① When selecting, please change M to MC/NC</p> <p>② When selecting, M(N) and MC(NC) must be of the same size</p>	D	MC-NC			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-NC																																				
12-13	8	—	—																																		
15-16	8	10	—																																		
18	8	10	12																																		
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25-35	8	10	12 16 20																																		
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■ Type with Wrench Slot(Precision Grade)

Model ①Code	②Dg6	③L Minimum Unit 1	④M · N Selection	Wrench slot size			C
				⑤S	W	V	
HAZMJN HAZMJP HAZMJS HAZMJT	6	-0.004 -0.012	20~300	3	5	7	0.2
	8	-0.005 -0.014		3 4 5	7	9	
	10			3 4 5 6	8		
	12			4 5 6 8	10		
	13		20~350	4 5 6 8	11		
	15	-0.006 -0.017		4 5 6 8 10	13		
	16			4 5 6 8 10	14	11	
	18			4 5 6 8 10 12	16		
	20			4 5 6 8 10 12	17		
	25	-0.007 -0.020	25~450	4 5 6 8 10 12 16	22		
30			6 8 10 12 16 20	27	16		

- ① When selecting 2 or more optional processing items, there should be a gap of more than 2mm between each processing area.
- ② Optional processing may reduce the hardness of the product.