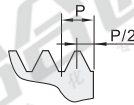


Code	Type	Material	Hardness	Surface Treatment
VNU31	Number of Holes	S45C	—	Black Oxide
VNU32	Configurable Type		40~45HRC	

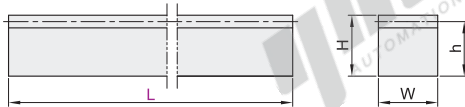
Unhardened gear accuracy JIS B 1702-1 Class 8

Hardened gear accuracy JIS B 1702-1 Class 9

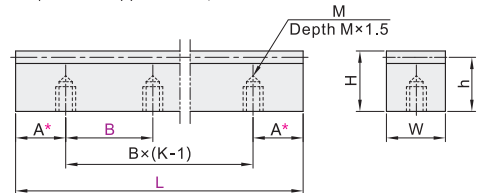
Enlarged View of End Face



ZA (No Hole Machining)



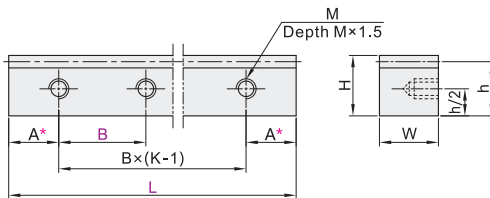
ZB (Bottom Tapped Holes)



$$*A = [L - B \times (K-1)] / 2$$

$$A \geq 15$$

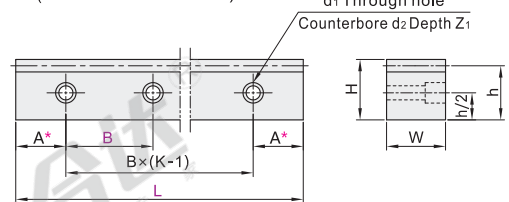
ZC (Side Tapped Holes)



$$*A = [L - B \times (K-1)] / 2$$

$$A \geq 15$$

ZD (Side Counterbore Holes)



$$*A = [L - B \times (K-1)] / 2$$

$$A \geq 15$$



Part Number	Hole Machining	L Overall Length 1 mm Inc.	K No. of Holes	B Hole Pitch 1 mm Inc.	P Pitch	W	H	h	d ₁	d ₂	Z ₁	M (Coarse)
Code	Module											
VNU31 VNU32	1.0	500~980	2~6		3.142	10	12	11	3.5	6.5	3.5	M3
	1.5				4.712	15	20	18.5	5.5	9.5	5.5	M5
	2.0				6.283	20	25	23	6.5	11	6.5	M6
	2.5	500~1980	2~12	50~500	7.854	25	30	27.5	9	14	9	M8
	3.0				9.424	30	35	32				
	4.0				12.566	39	39	35	11	17.5	11	M10
	5.0	500~980	2~6		15.708	49	39	34				



Optional Processing

Alterations	One End Tapped	Both Ends Tapped											
Code	MA ()	MB ()											
Spec.													
	Ordering Code MA4 <table><tr><th>Module</th><th>M Selection</th></tr><tr><td>1.0</td><td>3 4</td></tr><tr><td>1.5~3.0</td><td>4 5 6</td></tr></table>	Module	M Selection	1.0	3 4	1.5~3.0	4 5 6	Ordering Code MB3 <table><tr><th>Module</th><th>M Selection</th></tr><tr><td>1.0</td><td>3 4</td></tr><tr><td>1.5~3.0</td><td>4 5 6</td></tr></table>	Module	M Selection	1.0	3 4	1.5~3.0
Module	M Selection												
1.0	3 4												
1.5~3.0	4 5 6												
Module	M Selection												
1.0	3 4												
1.5~3.0	4 5 6												



Please order as shown

Part Number	Code	Module	Hole Machining	L	K No. of Holes	B Hole Pitch
VNU31	VNU32	1.0	ZB	500~980	2~6	50~500

VNU32—1.0—ZB—L500—K5—B50

Optional Processing

Part Number	Code	Module	Hole Machining	L	K No. of Holes	B Hole Pitch	Optional Processing Code
VNU31	VNU32	1.0	ZB	500~980	2~6	50~500	MA4 MB ()

VNU32—1.0—ZB—L500—K5—B50—MA4



Discount price

Per	1~5	6~
Price	100%	Additional quotation



Delivery

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