

Module 0.5 ▶

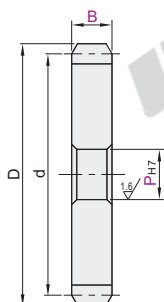
Pressure Angle 20°

Spur Gears

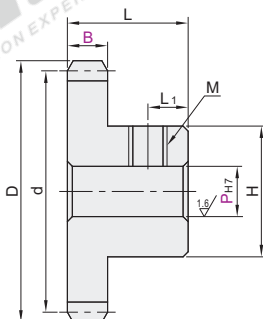
Code	Type	Material		Hardness	Surface Treatment
		GB	Equiv.		
VNC02	Straight Bore	45	S45C	—	Black Oxide
VNC11		0Cr18Ni9	SUS304		—
VNC22	Straight Bore + Tap	45	S45C	—	Black Oxide
VNC31		0Cr18Ni9	SUS304		—



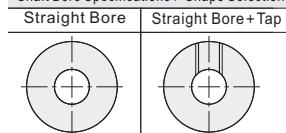
Gear Shape A Shape



B Shape

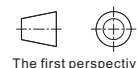


Shaft Bore Specifications P Shape Selection



The Straight Bore+Tap is only suitable for B-shape.

Unhardened gear accuracy JIS B 1702-1Class 8



The first perspective

Part Number		Number of Teeth	B	Gears Shape	Shaft Bore Dia. P _{H7}	d	D	H	L	L ₁	M
Code	Module				Straight Bore Straight Bore+ Tap						
Straight Bore VNC02 VNC11	0.5	20			3 4 5	10	11	8.5		3	M3
		24				12	13				
		25				12.5	13.5				
		26				13	14				
		28	3			14	15		9		
		30			3	15	16				
		32			4	16	17				
		35			5	17.5	18.5	10			
		36		A	6	18	19				
		40				20	21				
Straight Bore+ Tap VNC22 VNC31	0.5	42				21	22			3	M3
		45				22.5	23.5				
		48				24	25				
		50				25	26				
		52	2			26	27		8		
		60				30	31				
		70			5 6 7 8 9	35	36				
		80			10 11 12	40	41	20			
		100				50	51				
		120				60	61				



Optional Processing

Alterations	Adds another set screw at 90° position	Adds another set screw at 120° position	Change Tapped Hole Dimensions
Code	HC90	HC120	MC ()
Spec.	Ordering Code HC90 ① Adds another set screw at 90° position. ② Not applicable to Shape A.	Ordering Code HC120 ① Adds another set screw at 120° position. ② Not applicable to Shape A.	Ordering Code MC4 ① Change the dimension of M3 tapped hole to M4. ② Not applicable to Shape A.



Please order as shown

Part Number	Number of Teeth	B	Gears Shape	P _{H7}	d
VNC02	20	3	A	3 4 5	10
VNC02	24	3	B	3 4 5 6	12
VNC02	25	3	B	3 4 5 6	12.5

VNC02-0.5-25-B3-B-P6

Optional Processing

Part Number	Number of Teeth	B	Gears Shape	P _{H7}	Optional Processing Code
VNC22	20	3	A	3 4 5	
VNC22	24	3	B	3 4 5 6	HC90 HC120 MC ()
VNC22	25	3	B	3 4 5 6	

VNC22-0.5-25-B3-B-P6-HC90

Discount price
Per 1~4 5~
Price 100% Additional

Delivery
12