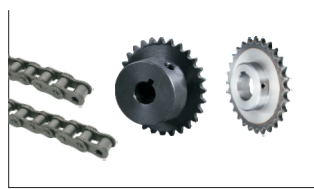


Sprockets

Code	Type	Material		Heat Treatment	Surface Treatment
		GB	Equiv.		
VLL02	80 Series	45	S45C	Induction Hardened Teeth Tip	Black Oxide
VLL11		0Cr18Ni9	SUS304	—	—

The data with * in the H value, Sprockets have grooves on hub O.D.

Number of Teeth	S	GD
9	10.4	44

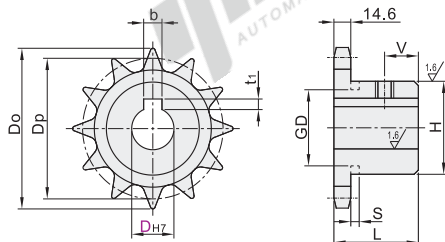


Chains

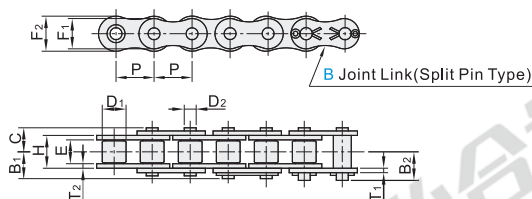
Code	Type	Pitch(P)	Material
VML01	80 Series	Standard	Steel
VML02		25.4	Stainless Steel
VML21		Heavy Load	Steel

80 series sprockets and chains cannot be combined with 16B series sprockets and chains.

Sprockets
VLL02/11



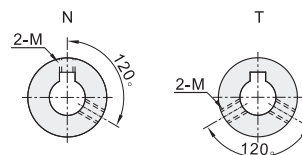
Chains
VML01/02/21



B Joint Link (Split Pin Type)

- When the number of chain links is even, the product comes with a full buckle joint;
- When the number of chain links is odd, the product comes with a full buckle joint and a half buckle joint;
- For additional connectors, P292 can be ordered separately.

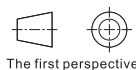
Shaft Bore Specs.
(New JIS Key + Tap)



- Offset between tooth tip and keyway is $\pm 0.5\text{mm}$.
- Due to process problems, it is impossible to ensure that the keyways of multiple products coincide with the tooth top.

Shaft Bore Machining Dimension Table

Shaft Bore Dia. D	Keyway b×t1	Set Screw M
25~30	8×3.3	8
32~38	10×3.3	8
40~42	12×3.3	8
45~50	14×3.8	10
55	16×4.3	12
60	18×4.4	12



The first perspective

Sprockets

Part Number		Shaft Bore Dia.					Do	Dp	Hub		V
Code	Number of Teeth	DH7							H	L	
VLL02-80	9	25	28	30	32	35	85	74.27	58*		7
	10	25	28	30	32		93	82.19	52		
	11	25	28	30	32	35	102	90.16	60		
	12	25	28	30	32	35	110	98.14	67		
	13	25	28	30	32	35	118	106.14			
	14	25	28	30	32	35	127	114.15	77		
	15	25	28	30	32	35	135	122.17		40	12
	16	25	28	30	32	35	143	130.2			
	17	25	28	30	32	35	151	138.23			
	18	25	28	30	32	35	159	146.27	93		
	19	25	28	30	32	35	167	154.32			
	20	25	28	30	32	35	176	162.37			
VLL11-80	21	25	28	30	32	35	184	170.42			
	10	25	30				93	82.19	52		
	12	25	30				110	98.14	67		
	13	25	30				118	106.14	77		
	14	25	30				127	114.15		40	12
	15	25	30				135	122.17			
	16	30	35				143	130.2	93		
	20		35	40			176	162.37			

The mounting method of specifications corresponding to D size with () is T, and the rest is N.

Chains

Part Number		Joint Link	Interior Height E min	Roller D1 max	Pin				Chain Link			
Code	Number of Links				C max	B1 max	B2 max	D2 max	T1	T2	H	F1 max
Standard VML01-80 VML02-80	4~	B (Split Pin Type)	15.75	15.88	16.30	18.30	20.20	7.94	3.18	3.18	22.60	20.83
Heavy load VML21-80					17.95	19.95	22.35	7.94	3.99	3.99	24.28	24.13

Sprockets

Part Number	Shaft Bore Dia.	Do
Code	Number of Teeth	DH7
VLL02-80	9	25 28 30 32 35
	10	25 28 30 32

VLL02-80 — 9 — D25

Chains

Part Number	Joint Link	E
Code	Number of Links	
VML01-80	4~	15.75
VML02-80	4~	15.75

VML01-80 — 100 — B



Please order as shown



Discount price
Per 1~9 10~
Price 100% Additional quotation



Delivery 6 Sprockets(S45C)



Delivery 8 Sprockets(SUS304)



Delivery 6 Chains