

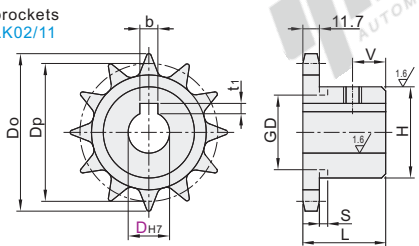
Sprockets

Code	Type	Material		Heat Treatment	Surface Treatment
		GB	Equiv.		
VLK02	60 Series	45	S45C	Induction Hardened Teeth Tip	Black Oxide
VLK11		0Cr18Ni9	SUS304	—	—

Chains

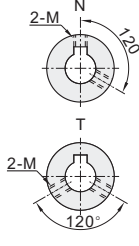
Code	Type	Pitch(P)	Material
VMK01	60 Series	19.05	Steel
VMK02			Stainless Steel
VMK03			Steel (Oil Contained Bushings)
VMK21			Steel

① 60 series sprockets and chains cannot be combined with 12B series sprockets and chains.

Sprockets
VLK02/11

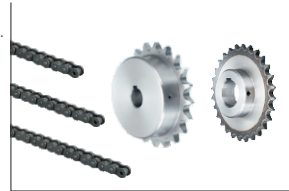
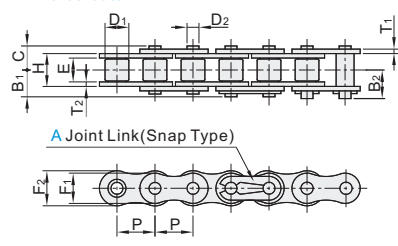
Shaft Bore Machining Dimension Table

Shaft Bore Dia D	Keyway b×t1	Set Screw M
18~22	6×2.8	6
24~30	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

Shaft Bore Specs.
(New JIS Key + Tap)

② The data with * in the H value, Sprockets have grooves on hub O.D.

Number of Teeth	S	GD
9	—	32
10	8	37
11	—	45

Chains
VMK01/02/03/21

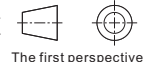
① Offset between tooth tip and keyway is ±0.5mm.

① When the number of chain links is even, the product comes with a full buckle joint;

① When the number of chain links is odd, the product comes with a full buckle joint and a half buckle joint;

① Due to process problems, it is impossible to ensure that the keyways of multiple products coincide with the tooth top.

① For additional connectors, Pxxx can be ordered separately.



The first perspective

Sprockets

Part Number		Shaft Bore Dia.		Do	Dp	Hub		V
Code	Number of Teeth	D H7	D H7			H	L	
VLK02-60	9	19 20 22 (24)		63	55.7	43*		
	10	19 20 22 24 25 (28) (30)		70	61.65	49*		6
	11	19 20 22 24 25 28 30 (32)		76	67.62	51*		
	12	19 20 22 24 25 28 30 32 35		83	73.6	51		
	13	19 20 22 24 25 28 30 32 35 38 (40)		89	79.6	57	32	
	14	19 20 22 24 25 28 30 32 35 38 40		95	85.61	62		8
	15	18 19 20 22 24 25 28 30 32 35 38 40 42 45		101	91.62	68		
	16	19 20 22 24 25 28 30 32 35 38 40 42 45 48 50		107	97.65	73		
	17	19 20 22 24 25 28 30 32 35 38 40 42 45 48 50		113	103.67	73		
	18	19 20 22 24 25 28 30 32 35 38 40 42 45 48 50 55		119	109.71			
	19	19 20 22 24 25 28 30 32 35 38 40 42 45 48 50 55		126	115.74			
	20	19 20 22 24 25 28 30 32 35 38 40 42 45 48 50 55		132	121.78			
	21	20 22 24 25 28 30 32 35 38 40 42 45 48 50 55		138	127.82			
	22	20 22 24 25 28 30 32 35 38 40 42 45 48 50 55		144	133.86			
	23	20 22 24 25 28 30 32 35 38 40 42 45 48 50 55		150	139.9	83	40	12
	24	20 22 24 25 28 30 32 35 38 40 42 45 48 50 55		156	145.95			
	25	20 22 24 25 28 30 32 35 38 40 42 45 48 50 55		162	151.99			
	26	20 22 24 25 28 30 32 35 38 40 42 45 48 50 55		168	158.04			
	27	22 24 25 28 30 32 35 38 40 42 45 48 50		174	164.09			
	28	22 24 25 28 30 32 35 38 40 42 45 48 50		180	170.14			
VLK11-60	30	22 24 25 28 30 32 35 38 40 42 45 48 50		193	182.25			
	10	20 22 25		68	61.65	49*		6
	11	20 22 25		76	67.62	51*		
	12	20 22 25		83	73.6	51		
	13	20 22 25 28		89	79.6	57	32	
	14	20 22 25 28		95	85.61	62		8
	15	20 22 25 28 30 32 35 38		101	91.62	68		
	16	25 28 30 32 35 38		107	97.65	73		
	17	25 28 30 32 35 38		113	103.67			
	18	25 28 30 32 35 38 40		119	109.71			
	19	25 28 30 32 35 38 40		126	115.74			
	20	25 28 30 32 35 38 40		132	121.78			
	21	30 35 40		138	127.82			
	22	30 35 40		144	133.86	83	40	12
	23	30 35 40		150	139.9			
	24	30 35 40		156	145.95			
	25	30 35 40		162	151.99			
	30	30 35 40		193	182.25			

① The mounting method of specifications corresponding to D size with () is T, and the rest is N.

Chains

Part Number		Joint Link	Interior Height	Roller	Pin				Chain Link					
Code	Number of Links		E	D ₁	C	B ₁	B ₂	D ₂	T ₁	T ₂	H	F ₁	F ₂	
Standard VMK01-60 VMK02-60	4~	A (Snap Type)	12.70	11.91	12.58	15.13	15.13		2.38	2.38	17.75			
Lubrication-Free VMK03-60			12.57			14.25	15.55	16.75	5.94	2.4	3.2	18.97	15.62	18.1
Heavy Load VMK21-60			12.70							3.18	3.18	19.43		

Sprockets

Part Number	Shaft Bore Dia.	Do
Code	Number of Teeth	D H7
VLK02-60	9	63
	10	68

VLK02-60 — 9 — D19

Chains

Part Number	Joint Link.
Code	Number of Links
VMK01-60	4~
VMK02-60	A

VMK01-60 — 50 — A



Please order as shown



Discount price

Per	1~5	6~
Price	100%	Additional quotation

① Chains(Lubrication-Free)



Discount price

Per	1~9	10~
Price	100%	Additional quotation

① The Remaining



Delivery

9

① Sprockets(S45C)



Delivery

12

① Sprockets(SUS304)



Delivery

12

① Chains(Lubrication-Free)



Delivery

10

① Chains(The Remaining)