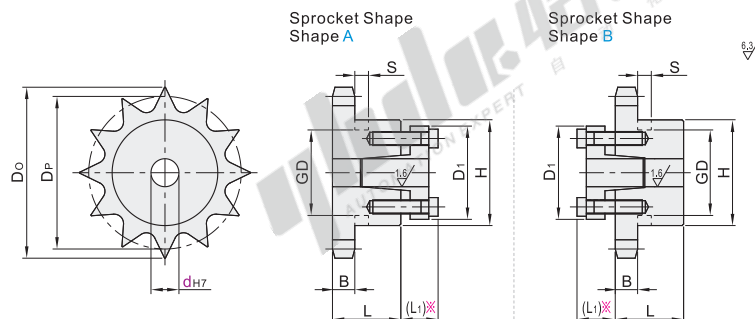
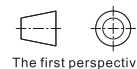


Code	Type	Sprockets			Bushings		Use Bushing
		Material	Heat Treatment	Surface Treatment	Material	Surface Treatment	
VLV01	35 Series	S45C	Induction Hardened Teeth Tip	Black Oxide	S45C	Black Oxide	See the figure below for the bushing size table
VLV11	40 Series						



For the size of L₁ with ✕, please refer to "CT Bushing size table".



35 Series

Part Number		Sprocket Shape	Shaft Bore Dia.		Do	Dp	Hub		B	S	GD
Code	Number of Teeth		d _{H7}				H	L			
VLV01-35	(12)	A	10		41	36.8	* 30.5			4.4	26
	13		10		44	39.8	* 32			29	
	14		10 12		47	42.81	32				
	15	B	10 12		51	45.81	35	20	4.3		
	16		10 12 15 16		54	48.82	37			—	—
	18		12 15 16 17		60	54.85	44				
	20		12 15 16 17 18 20 22		66	60.89	50				

Sprockets with Number of Teeth 12 for A Shape only.

Sprockets marked with * have grooves on hub O.D.

40 Series

Part Number		Sprocket Shape	Shaft Bore Dia.		Do	Dp	Hub		B	S	GD
Code	Number of Teeth		d _{H7}				H	L			
VLV11-40	12	A	12 15 16 17		55	49.07	* 40			5.2	35
	13		12 15 16		59	53.07	37				
	14		12 15 16 17		63	57.07	42				
	15		12 15 16 17 18 20		67	61.08	46				
	16	B	15 16 17 18 20 22		71	65.1	50	22	7.2	—	—
	17		15 16 17 18 20 22		76	69.12	54				
	18		15 16 17 18 20 22 25		80	73.14	57				
	19		15 16 17 18 20 22 25		84	77.16	62				
	20		15 16 17 18 20 22 25		88	81.18	67				

Sprockets marked with * have grooves on hub O.D.

40 Series

Part Number		Sprocket Shape	Shaft Bore Dia.	
Code	Number of Teeth		d _{H7}	
VLV11-40	12	A	12 15 16 17	
	13	B	12 15 16	

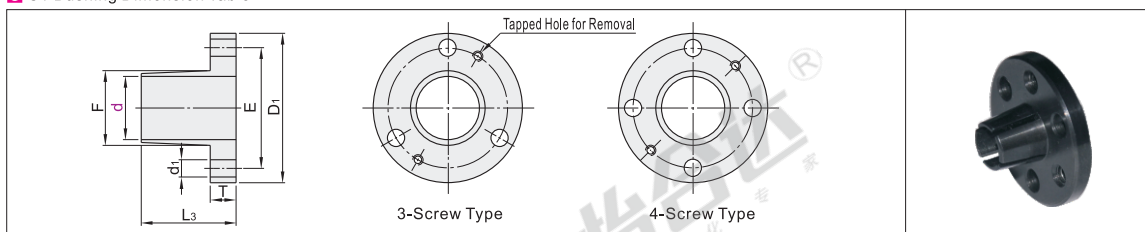
VLV11-40 — 12 — A — d15



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



CT Bushing Dimension Table



Shaft Bore Dia. d	Screws		Detaching Tapped Hole	Maximum Allowable Torque N·m	Allowable Thrust Load kN	Screw Tightening Torque N·m	D ₁	E	F	d ₁	L ₁	L ₃	T
	Qty.	Size											
10	3	M4-L16	M4-2 PCS	39	5.34	4.0	30	22	12	4.5	10.5	16.5	5
12				48			32	24	14				
15				78			36	28	17.6				
16				83			37	29	18.6				
17	4	M4-L18	M5-2 PCS	88	8.74	8.3	38	30	19.6	5.5	14	23	7
18				154			43	33	20.6				
20				171			46	36	23.4				
22				186			48	38	24.6				
25				216			52	42	28.4				

When there is key groove machining or D cut on the installation shaft, transmitting torque is reduced by approximately 15% or more.