

Keyless High-Torque Circular-Arc Toothed Synchronous Wheel ▶ S3M Type Tooth Pitch 3.0



Please order according to the diagram

①~④ Select the type and parameters in the order of for ordering

Model(① Code) — ② Number Teeth — ③ Wheel Shape — ④ Shaft Hole Specification dH7 — FC() WC WD.WE

Optional Processing

FC() WC WD.WE



Discounted Price

Quantity 1~9 10~
Price 100% Separate Quotation

Please Excluding Tax (Yen)



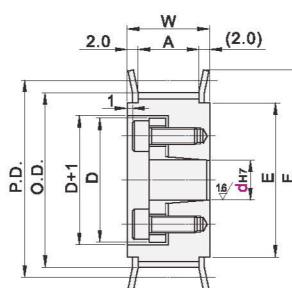
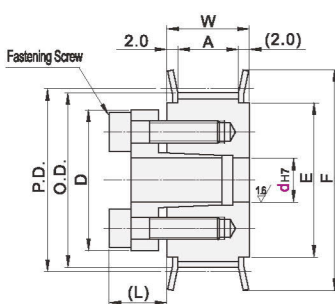
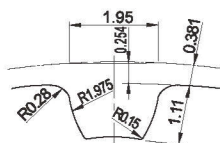
CAD 2D 3D

Code	Wheel Type	Belt Width	Tooth Spacing	Material		Expansion Sleeve	Surface Treatment			Using an Expansion Sleeve
				Wheel	Flange		Wheel	Flange	Expansion Sleeve	
VKAFG	S3M100	10	3.0	S45C	SPCC	S45C	Black Oxide Finish			See Synchronous Wheel Overview
VKAFFH				A7075 Aluminum Alloy	Electroless Nickel Plating					
VKAFFJ					Natural Anodizing		Black Oxide Finish			
VKAELK	S3M150	15		S45C	SPCC	S45C	Black Oxide Finish			
VKAEL				A7075 Aluminum Alloy	Electroless Nickel Plating					
VKAEM					Natural Anodizing		Black Oxide Finish			

Wheel Shape E Shaped

Wheel Shape F Shaped

Standard Tooth Profile



Model		Wheel Type	Shaft Hole Specification dH7(Select according to the Expansion Sleeve Bore Size Chart)				P.D.	O.D.	F	E	A	W
Code	Number Teeth		S3M100		S3M150							
			E Shaped CT Expansion Sleeve	F Shaped CH Expansion Sleeve	E Shaped CT Expansion Sleeve	F Shaped CH Expansion Sleeve						
VKAFG-S3M100 VKAFH-S3M100 VKAFJ-S3M100 VKAEK-S3M150 VKAEL-S3M150 VKAEM-S3M150	34	E	8	6	8	6	32.47	31.71	40	28	S3M100 A:11 W:15	
	36		8	6	8	6	34.38	33.62				
	40		8-10-11	8	8-10-11	8	38.20	37.44	44	32		
	44		8-14	8	8-14	8-12	42.02	41.25	48	36		
	48	F	8-16	8	8-16	8-12	45.84	45.07	50	38	S3M150 A:17 W:21	
	50		8-17	8	8-17	8-12	47.75	46.98	52	40		
	60		8-19	8	8-19	8-12	57.30	56.53	61	46		
	72		8-25	8	8-25	8-12	68.75	67.99	74	58		

Expansion Sleeve Bore Size

dH7	Allowable Maximum Torque N.m				D	L
	CT Expansion Sleeve	CH Expansion Sleeve	CT Expansion Sleeve	CH Expansion Sleeve		
6	—	5.6	—	22.5	8.5	8.5
8	16	8.5	25.5	24.5		
10	39	18	30	29		
11	43	20	31	30	10.5	10.5
12	48	23	32	31		
14	73	—	35	—	12	12
15	78	—	36	—		
16	83	—	37	—	13	13
17	88	—	38	—		
18	154	—	43	—	14	14
19	163	—	45	—		
20	171	—	46	—	14	14
22	186	—	48	—		
24	206	—	50	—	14	14
25	216	—	52	—		

Optional Processing

Optional Processing	Cut-off Flange	Non-riveted Flange	Riveting Only on One Side of the Flange
Code	FC()	WC	WD.WE
Technical Specification	Selection Method FC50	Selection Method WC	Selection Method WE
	Minimum Unit 0.5 Reduced Flange Height. FC Range of Values: (O.D.)+2~F-2.	Non-riveted Flange (only the synchronous wheel body is shipped, no flange included)	Riveting WD flange on one side Riveting WE flange on one side