

High-Torque Circular-Arc Toothed Synchronous Wheel ▶ S8M Type Tooth Pitch 8.0



Please order according to the diagram

①~⑤ Select the type and parameters in the order of for ordering

Model(①Code) - ②Number Teeth - ③Wheel Shape - ④Shaft Hole Specification - ⑤Shaft Hole Specification dH7
VFYMX-S8M150 - 30 - A - V - d30



Discounted Price
Quantity 1~9 10~
Price 100% Separate Quotation

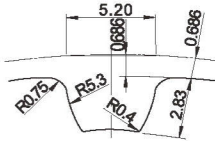
Price Excluding Tax (¥/unit)



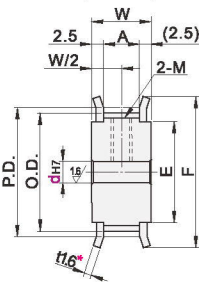
CAD 3D

Code	Wheel Type	Belt Width	Tooth Spacing	Material	Flange	Surface Treatment	Code	Wheel Type	Belt Width	Tooth Spacing	Material	Flange	Surface Treatment
VFYMX	S8M150	15	8.0	Aluminum Alloy	Aluminum Alloy	Natural Anodizing	VFYOH	S8M300	30	8.0	Aluminum Alloy	Aluminum Alloy	Natural Anodizing
VFYMY						Black Anodizing	VFYOJ						Black Anodizing
VFYMZ						Electroless Nickel Plating	VFYOK						Electroless Nickel Plating
VFYMA						Black Oxide Finish	VFYOL						Black Oxide Finish
VFYMB						Electroless Nickel Plating	VFYOM						Electroless Nickel Plating
VFYNC						Natural Anodizing	VFYPN						Natural Anodizing
VFYND						Black Anodizing	VFYPO						Black Anodizing
VFYNE	S8M250	25		Aluminum Alloy	Aluminum Alloy	Electroless Nickel Plating	VFYPT	S8M400	40		Aluminum Alloy	Aluminum Alloy	Electroless Nickel Plating
VFYNF						Black Oxide Finish	VFYPR						Black Oxide Finish
VFYNG						Electroless Nickel Plating	VFYPR						Electroless Nickel Plating

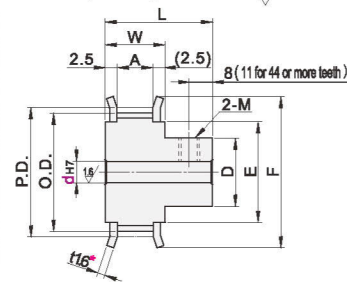
Standard Tooth Profile



Wheel Shape A Shaped



Wheel Shape B Shaped



* For tooth counts of 72, t=2.0 (cut flange).

Shaft Hole P.N.C Threaded Holes Size Chart

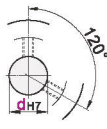
Inner Diameter Shaft Hole dH7	M	Attachment Tightening Screws
12	M4	M4×3
12.7~17	M5	M5×4
18~30	M6	M6×5
31~45	M8	M8×6
46~65	M10	M10×8

Shaft Hole Specification

H Round Hole



P Round Hole+Threaded Hole

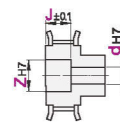


N New JIS Keyway Hole+Threaded Hole
C Old JIS Keyway Hole+Threaded Hole

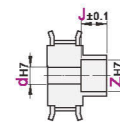


① See Synchronous Wheel Product Overview for Detailed Keyway Sizes

V Stepped Hole

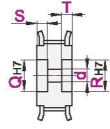


F Stepped Hole (Hub Side Counterbore)



① Applicable Only to B Shape

Y Stepped Holes at Both Ends



① Applicable Only to A Shape

Model	Wheel Shape	Shaft Hole Specification	Shaft Hole Specification dH7 (Minimum Unit 1)								Shaft Hole V, F				Shaft Hole Y (Minimum Unit 1)		P.D.	O.D.	D	F	E	Nominal width pulley			
Code	Teeth		A Shaped				B K Shaped				Z (Minimum Unit 1)		J	(Minimum Unit 1)							A	W	L		
			H	P	N-C	V	Y	H	P	N-C	V-F	A Shaped	B Shaped	(Minimum Unit 1)		Q-R	S-T								
Aluminum Alloy	18	H	12-28	12-26	12-26	12-26	12-28	12-28	12-22	12-20	12-26	15-28	15-28			18-28			45.84	44.46	32	52	36		
	19		12-32	12-28	12-28	12-30	12-30	12-31	12-25	12-20	12-29	15-32	15-31			18-32			48.38	47.01	35	55		Belt Width 15	
	20		12-32	12-30	12-30	12-30	12-30	12-32	12-26	12-22	12-30	15-32	15-32			18-32			50.93	49.56	36	58	40	S8M150	
	21		12-37	12-32	12-32	12-35	12-35	12-36	12-30	12-24	12-34	15-37	15-38			18-37			53.48	52.10	40			A:17	
	22		12-37	12-34	12-34	12-35	12-35	12-37	12-30	12-25	12-35	15-37	15-37			18-37			56.02	54.65	41	61	45	W:22	
	24		P	12-42	12-40	12-40	12-40	12-40	12-42	12-34	12-28	12-40	15-42	15-42			18-42			61.12	59.74	46	67	50	L:37(42)★
	25			12-48	12-40	12-40	12-46	12-46	12-44	12-36	12-28	12-42	15-48	15-44			18-48			63.86	62.29	48	70	56	
	26		N	14-50	14-45	14-45	14-48	14-48	14-47	14-39	14-31	14-45	15-40	18-47		A Shaped when 3.1≤K<W-3.1	21-50			66.21	64.84	51	74	58	Belt Width 25
	28			14-52	14-48	14-48	14-50	14-50	14-51	14-43	14-35	14-49	18-52	18-51			21-52			71.30	69.93	55	80	60	S8M250
	30		A	14-59	14-50	14-50	14-57	14-57	14-56	14-46	14-38	14-54	18-59	18-56			21-59	3~23		76.39	75.02	60			A:28
32	14-59	14-55		14-50	14-57	14-57	14-59	14-49	14-45	14-57	18-59	18-59			21-59	S+T≤W-3		81.49	80.12	63	87	67	W:33		
34	B	16-67	16-60	16-50	16-65	16-65	16-66	16-56	16-48	16-64	20-67	20-69		B Shaped when 3.1≤K<L-3.1	26-67			86.58	85.21	70	95	75	L:48(53)★		
36		16-72	16-65	16-50	16-70	16-70	16-71	16-61	16-50	16-69	20-72	20-71			26-72			91.67	90.30	75	99	80	Belt Width 30		
S45C	38	Y	16-76	16-65	16-50	16-74	16-74	16-76	16-65	16-50	16-74	20-76	20-76			26-76			96.77	95.39	80	104	84	A:33	
VFYMA-S8M150	40		20-80	20-65	20-50	20-80	20-75	20-80	20-65	20-50	20-79	25-82	25-81			27-82			101.86	100.49	85	111	90	W:38	
VFYMB-S8M150	44		20-80	20-65	20-50	20-80	20-75	20-80	20-65	20-50	20-80	25-82	25-86			27-82			112.05	110.67	90	119	100	L:53(58)★	
VFYNF-S8M250	48		20-80	20-65	20-50	20-80	20-75	20-80	20-65	20-50	20-80	25-82	25-86			27-82			101.86	100.49	85	111	90		
VFYNG-S8M250	50		20-80	20-65	20-50	20-80	20-75	20-80	20-65	20-50	20-80	25-82	25-86			27-82			112.05	110.67	90	119	100	Belt Width 40	
VFYOL-S8M300	52		20-80	20-65	20-50	20-80	20-75	20-80	20-65	20-50	20-80	25-82	25-86			27-82			122.23	120.86	100	127	105	S8M400	
VFYOM-S8M300	54		20-80	20-65	20-50	20-80	20-75	20-80	20-65	20-50	20-80	25-82	25-86			27-82			122.23	120.86	100	127	105	A:44	
VFYPO-S8M400	56		20-80	20-65	20-50	20-80	20-75	20-80	20-65	20-50	20-80	25-82	25-86			27-82			127.32	125.95	100	135	115	W:49	
VFYPT-S8M400	58		20-80	20-65	20-50	20-80	20-75	20-80	20-65	20-50	20-80	25-82	25-86			27-82			127.32	125.95	100	135	115	L:64(69)★	
VFYPR-S8M400	60		20-80	20-65	20-50	20-80	20-75	20-80	20-65	20-50	20-80	25-82	25-86			27-82			152.79	151.42	120	160	140		
	72	20-80	20-65	20-50	20-80	20-75	20-80	20-65	20-50	20-80	25-82	25-86			27-82			183.35	181.97	100	190	170			

* Tooth counts from 44 to 60 are only applicable to sizes within the LQ range.

① Shaft Hole Specification H, V, F, Y when, no threaded holes.

① The bore diameter of 13, 14, 17, 21~50 is not applicable to shaft hole specification C.

① When selecting a new JIS keyway hole + threaded hole with a shaft hole diameter of 10, the keyway size can be chosen as N-d10 or N-d10K (please refer to the Synchronous Wheel Product Overview).