

High-Torque Circular-Arc Toothed Synchronous Wheel ▶ S5M Type Tooth Pitch 5.0



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
VFXJH-S5M100 - 20 - A - N - d15



Discounted Price

Quantity 1~9 10~
Price 100% Separate Quotation

Price Excluding Tax (Yen)



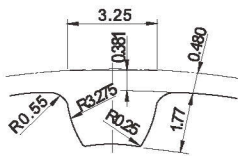
CAD 2D
3D

Code	Wheel Type	Belt Width	Tooth Spacing	Material	Surface Treatment	Code	Wheel Type	Belt Width	Tooth Spacing	Material	Surface Treatment
VFXJH	S5M100	10	5.0	Aluminum Alloy	Natural Anodizing	VFXLS	S5M250	25	5.0	Aluminum Alloy	Natural Anodizing
VFXJN				Aluminum Alloy	Black Anodizing	VFXLT				Aluminum Alloy	Black Anodizing
VFXJK					Electroless Nickel Plating	VFXLU					Electroless Nickel Plating
VFXJL				S45C	Black Oxide Finish	VFXLV				S45C	Black Oxide Finish
VFXJM					Electroless Nickel Plating	VFXLW					Electroless Nickel Plating
VFXKN					Natural Anodizing						
VFXKO				Aluminum Alloy	Black Anodizing						
VFXKP	S5M150	15	5.0	Aluminum Alloy	Electroless Nickel Plating						
VFXKQ					Black Oxide Finish						
VFXKR				S45C	Electroless Nickel Plating						

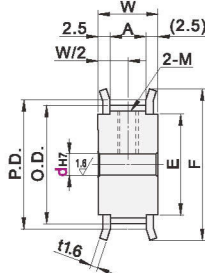
■ Shaft Hole P.N.C Threaded Holes Size Chart

Inner Diameter Shaft Hole dH7	M	Attachment Tightening Screws
5	M3	M3×3
6~12	M4	M4×3
13~17	M5	M5×4
18~30	M6	M6×5
31~45	M8	M8×6
46~65	M10	M10×8

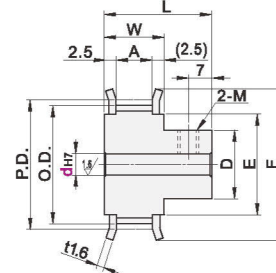
Standard Tooth Profile



Wheel Shape A Shaped



Wheel Shape B Shaped



■ Shaft Hole Specification

H Round Hole



P Round Hole+Threaded Hole

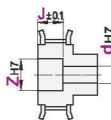


N New JIS Keyway Hole+Threaded Hole
C Old JIS Keyway Hole+Threaded Hole

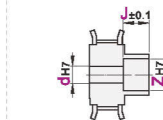


① See Synchronous Wheel Product Overview for Detailed Keyway Sizes

V Stepped Hole

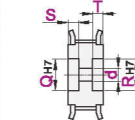


F Stepped Hole (Hub Side Counterbore)



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			P.D.	O.D.	D	F	E	Nominal width pulley		
Code	Number Teeth	Shape	H	P	N-C	V	Y	H	P	N-C	V-F	A Shaped	B Shaped	(Minimum Unit 1)	Q-R	S-T	Q-R	S-T						A	W	L
Aluminum Alloy	14		6~10	6~10	8~10	5~6	5~6	6~10	6~8		5~6	7~8	7~8		7~8				22.28	21.32	14	26	16	Belt Width 10 S5M100 A:11 W:16 L:28		
	15		6~10	6~10	8~10	6~8	6~8	6~10	6~8		5~8	9~10	7~10		9~10				23.87	22.91	15	28	18			
	16		7~12	7~12	8~12	7~10	7~10	7~12	7~10	8	5~10	10~12	7~12		10~12				25.46	24.50	17	32	20			
	18		7~14	7~12	8~12	7~12	7~12	7~14	7~11	8~10	7~12	10~14	10~14		12~14				28.65	27.69		33	22			
	19		6~16	6~16	8~16	6~14	6~14	6~15	6~11	8~10	6~13	8~16	8~15		8~16				30.24	29.28	19	36	24			
	20		7~16	7~16	8~16	7~14	7~14	7~15	7~11	8~10	7~13	10~16	10~15		10~16				31.83	30.87		36	24	Belt Width 15 S5M150 A:17 W:22 L:34		
	22	H	7~19	7~18	8~18	7~17	7~17	7~19	7~15	8~12	7~17	10~19	10~19		10~19				35.01	34.05	24	40	27			
	24	P	7~22	7~20	8~20	7~20	7~20	7~22	7~17	8~13	7~20	10~23	10~23		10~22				38.20	37.24		45	30			
	25	N	7~22	7~20	8~20	7~20	7~20	7~22	7~17	8~15	7~20	10~23	10~23		10~22				39.79	38.83						
	26	A	8~27	8~22	8~22	8~25	8~25	8~27	8~21	8~17	8~25	11~27	11~27		11~27				41.38	40.42	31					
S45C	28	C	8~27	8~24	8~24	8~24	8~24	8~27	8~22	8~18	8~25	11~27	11~27		11~27				44.56	43.60	32	48	35	Belt Width 25 S5M250 A:27 W:32 L:44		
	30	B	10~28	10~26	10~26	10~26	10~26	10~28	10~23	10~18	10~26	13~28	13~28		15~28				47.75	46.79	33	52	36			
	32	V	10~32	10~28	10~30	10~30	10~32	10~27	10~22	10~30	10~32	13~32	13~32		15~32				50.93	49.97	37	55	40			
	34	F	10~37	10~30	10~30	10~35	10~35	10~36	10~30	10~25	10~34	13~37	13~36		15~37				54.11	53.15	40	61	45			
	36	Y	10~37	10~30	10~30	10~35	10~35	10~36	10~30	10~25	10~34	13~37	13~36		15~37				57.30	56.34						
	40		10~42	10~38	10~38	10~40	10~40	10~42	10~35	10~28	10~40	13~42	13~42		15~42				63.66	62.70	47	67	50			
	44		12~50	12~42	12~48	12~48	12~48	12~48	12~42	12~32	12~44	15~50	15~46		18~50				70.03	69.07	50	74	58			
	48		12~55	12~45	12~40	12~53	12~53	12~55	12~45	12~40	12~53	15~55	15~55		18~55				76.39	75.43	60	83	63			
	50		12~59	12~45	12~43	12~57	12~57	12~59	12~45	12~43	12~57	15~59	15~59		18~59				79.58	78.62	63	87	67			
	60		12~72	12~45	12~45	12~70	12~70	12~71	12~45	12~45	12~69	15~72	15~72		18~72				95.49	94.53	75	99	80			
	72		12~80	12~65	12~50	12~80	12~75	12~80	12~65	12~50	12~80	14~82	14~86		12~75				114.59	113.63	90	119	100			

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

② The bore diameter of 9 is not applicable to shaft hole specification N.

③ 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).

④ *Optional Processing*Please refer to the Synchronous Wheel Product Overview.

⑤ The bore diameter of 6.35 is only applicable to shaft hole specification H, P, V, F.

⑥ The bore diameter of 8, 9, 11, 13, 14, 17, 21~45 is not applicable to shaft hole specification C.