

Keyless Trapezoidal Toothed Synchronous Wheel ▶ H Type

Tooth Pitch 12.7/With Simplified Thick-Walled Keyless Expansion Sleeve (with centering function)



Please order according to the diagram

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

Model(①Code) — ②Number Teeth — ③Wheel Shape — ④Shaft Hole Specification dH7
VJFOQ-H075 — 15 — E — d15



Discounted Price
 Quantity 1~9 10~
 Price 100% Separate Quotation
 Price Calculating Tax (10%)

Code	Wheel Type	Belt Width	Tooth Spacing	Material		Expansion Sleeve	Surface Treatment		Using an Expansion Sleeve Codes	
				Wheel	Flange		Wheel	Flange		
VJFOQ	H075	19.1	12.7	A7075	Aluminum Alloy	S45C	Natural Anodizing	—	VQAOX VQAOY VQAOZ	
VJFOP				S45C	SPCC		Black Oxide Finish	—		
VJFOE	H100	25.4		A7075	Aluminum Alloy		Electroless Nickel Plating	—		
VJFPM				S45C	SPCC		Natural Anodizing	—		
VJFPL	H150	38.1		A7075	Aluminum Alloy		Black Oxide Finish	—		
VJFQK				S45C	SPCC		Electroless Nickel Plating	—		
VJFQJ	H200	50.8		A7075	Aluminum Alloy		Natural Anodizing	—		
VJFQH				S45C	SPCC		Black Oxide Finish	—		
VJFRG				A7075	Aluminum Alloy		Electroless Nickel Plating	—		
VJFRF				S45C	SPCC		Natural Anodizing	—		
VJFRE							Black Oxide Finish	—		
							Electroless Nickel Plating	—		

Wheel Shape **E** Shaped

Wheel Shape **F** Shaped

Standard Tooth Profile

□ Size R with * is suitable for up to 19 teeth.

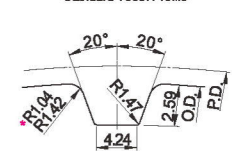
□ Y Size:

H075=Y18;
H100=d12~22 when, Y=22;
d24 or above, Y=23.5;
H150=d12~32 when, Y=28;
d35 or above, Y=32;
H200=d12~32 when, Y=35;
d35 or above, Y=39

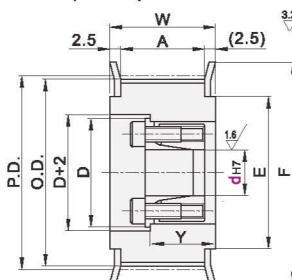
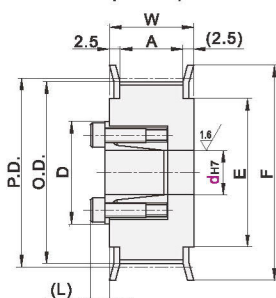
Wheel Shape E Shaped

Wheel Shape F Shaped

Standard Tooth Profile



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 H200 = d12~32 when, Y=35;
 d35 or above, Y=39

Model		Wheel Type	Shaft Hole Specification dH7(selected according to the Expansion Sleeve Bore Size Chart)								P.D.	O.D.	F	E	A	W		
Code	Number Teeth		H075		H100		H150		H200									
			E Shaped	F Shaped	E Shaped	F Shaped	E Shaped	F Shaped	E Shaped	F Shaped								
VJFOQ-H075 VJFOP-H075 VJFOE-H075 VJFPM-H100 VJFPL-H100 VJFQK-H150 VJFQJ-H150 VJFQH-H150 VJFRG-H200 VJFRF-H200 VJFRE-H200	14	E	12~16	12~16	12~16	12~16	12~16	12~16	12~16	12~16	56.60	55.22	61	45	H075 A:21 W:26			
	15		14~19		14~19	14~19	14~19	14~19	14~19	14~19	60.64	59.27	67	50				
	16		14~20		14~20	14~19	14~20	14~20	14~20	14~20	64.68	63.31	70	56				
	17		14~22	14~19	14~22	14~22	14~22	14~22	14~22	14~22	68.72	67.35	80	60				
	18		72.77		71.39													
	19																	
	20		14~28		14~28	14~28	14~28	14~28	14~28	14~28	76.81	75.44	87	67				
	21										80.85	79.48	87	67				
	22		14~32		14~32	14~30	14~32	14~32	14~32	14~32	84.89	83.52	95	75				
	24										88.94	87.56						
	25		19~32	19	19~32	19~30	19~32	19~32	19~32	19~32	97.02	95.65	104	84			H100	
	26						19~35	19~35	19~35	19~35	101.06	99.69	111	90			A:27	
	28						20~35	20~35	20~35	20~35	105.11	103.73	111	90			W:32	
	30						20~40	20~40	20~40	20~40	113.19	111.82	123	102			H150	
	32						20~45	20~45	20~45	20~45	121.28	119.90	127	105			A:40	
	34										129.36	127.99	135	115			W:45	
	36									20~50	20~50	137.45	136.07	144			125	H200
	38										145.53	144.16	152	130			A:54	
	40										153.62	152.24	165	140			W:59	
	42										161.70	160.33	170	150				
	44										169.79	168.41	180	155				
	48										177.87	176.50	190	170				
	50										194.04	192.67	205	180				
									202.13	200.76	210	185						

Expansion Sleeve Size

dH7	Allowable Maximum Torque N·m	D	(L)
12	44.1	28.5	
14	63.7	30.5	
15	80.4	31.5	
16	83.3	33.0	6.5
17	92.2	33.5	
18	95.1	34.5	
19	98.1	35.5	
20	216.0	42.0	
22	255.0	44.0	
24	363.0	46.0	8
25	392.0	47.0	
28	441.0	50.0	
30	500.0	52.0	8.5
32	530.0	54.0	
35	883.0	62.0	
40	1079.0	67.0	10
45	1285.0	72.0	
50	1706.0	77.0	10.5