

Standard Spur Gear ▶ Module 0.5/0.8/1.0/1.5/2.0/2.5/3.0

Pressure Angle 20° Hub Specified Type



Please order according to the diagram

①~⑥ Select the type and parameters in the order of for ordering

Model(①Code) - ②Module - ③Number Teeth - ④B - ⑤Inner Bore Diameter P_{H7} (Round Hole Type Screw Locking Type) - ⑥Hub Specification(Minimum Unit) (V H) - Optional Processing (HC90 HC120)



Discounted Price
Quantity 1~9 10~
Price 100% Separate Quotation
Price Excluding Tax(¥/unit)



CAD 2D 3D

Gear Accuracy: JIS B 1702-1 Grade 8

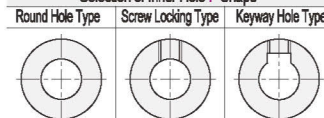
Code	Type	Material		Tooth Surface Hardness	Surface Treatment
		National Standard	Equivalent		
EADGP EADGO EADGQ EADGR EADGP EADGO EADGQ EADGR EADGP EADGO EADGQ EADGR	Round Hole Type	45	S45C	—	Black Oxide Finish Electroless Nickel Plating
		0Cr18Ni9	SUS304	—	—
EADGP EADGO EADGQ EADGR EADGP EADGO EADGQ EADGR	Screw Locking Type	45	S45C	—	Black Oxide Finish Electroless Nickel Plating
		0Cr18Ni9	SUS304	—	—
EADGP EADGO EADGQ EADGR EADGP EADGO EADGQ EADGR	Keyway Hole Type	45	S45C	—	Black Oxide Finish Electroless Nickel Plating
		0Cr18Ni9	SUS304	—	—

Threaded Hole Size Chart

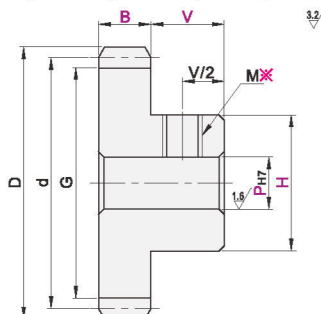
Shaft Hole Diameter P _{H7}	M Coarse thread	Attachment Fixing Screw
3~5	M3	M3×3
6~12	M4	M4×3
13~17	M5	M5×4
18~30	M6	M6×5
31~40	M8	M8×6

※ When the specification of the shaft hole is a round hole, there are no threaded holes

Selection of Inner Hole P Shape



- ① The positional relationship between the keyway and the teeth is semi-fixed.
- ② Detailed dimensions of the keyed hole can be found in the product introduction.



Model		Number Teeth	B Minimum Unit 1	Inner Bore Diameter P _{H7} (Minimum Unit 1)		Hub Specification (Minimum Unit 1)		d	D	G		
Code	Module			Round Hole Type Screw Locking Type	Keyway Hole Type	V	H					
Round Hole Type EADGP EADGO EADGQ EADGR	0.5	20	2~5	3~5	—	0~10	P+2≤H≤d-2 Round Hole Type	10	11	8.75		
		24		3~6				12	13	10.75		
		25						12.5	13.5	11.25		
		26						13	14	11.75		
		30		3~12				15	16	13.75		
		32						16	17	14.75		
		36						18	19	16.75		
		40						20	21	18.75		
		48						24	25	22.75		
		50		5~25			25	26	23.75			
		60					30	31	28.75			
	70	35	36		33.75							
	80	40	41	38.75								
	100	50	51	48.75								
	Screw Locking Type EADEP EADEO EADEQ EADER	0.8	15	3~10	5~6	—	0~10	P+2≤H≤d-2 Round Hole Type	12	13.6	10	
			16		12.8				14.4	10.8		
			18		14.4				16	12.4		
			20		16				17.6	14		
			24		19.2				20.8	17.2		
			25		20				21.6	18		
28			22.4		24				20.4			
30			24		25.6				22			
32			25.6		27.2				23.6			
36			28.8		30.4			26.8				
40			32		33.6			30				
45	36	37.6	34									
48	38.4	40	36.4									
50	40	41.6	38									
Round Hole Type EADGP EADGO EADGQ EADGR	1.0	20	5~15	8N	—	0~15	P+4≤H≤d-3 Round Hole Type+ Screw Locking Type	20	22	17.5		
		21		6~12				8N~10N	21	23	18.5	
		22							22	24	19.5	
		23							23	25	20.5	
		24		6~18				8N~12N	24	26	21.5	
		25							25	27	22.5	
		26							26	28	23.5	
		28							28	30	25.5	
		30							30	32	27.5	
		32		8~20			8N~20N	32	34	29.5		
		35						35	37	32.5		
	36	36	38		33.5							
	40	40	42		37.5							
	48	48	50		45.5							
	Keyway Hole Type EADFP EADFO EADFQ EADFR	1.5	50	15~40	8~35	—	0~20	P+10≤H≤d-3 Round Hole Type+ Screw Locking Type	50	52	47.5	
			60		10N~30N				60	62	57.5	
			70		10~40				12N~35N	70	72	67.5
			80							80	82	77.5
			100							100	102	97.5
			120		15~40				15N~35N	120	122	117.5

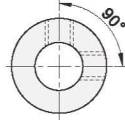
Standard Spur Gear ▶ Module 0.5/0.8/1.0/1.5/2.0/2.5/3.0

Pressure Angle 20° Hub Specified Type

Model		Number Teeth	B Minimum Unit 1	Inner Bore Diameter P_{Hr} (Minimum Unit 1)		Hub Specification (Minimum Unit 1)		d	D	G
Code	Module			Round Hole Type Screw Locking Type	Keyway Hole Type	V	H			
Round Hole Type EADGP EADGO EADGQ EADGR	1.5	16	10~20	6~12	8N~12N	0~20	$P+6 \leq H \leq d-4$	24	27	20.25
		18						27	30	23.25
		20						30	33	26.25
		24						36	39	32.25
		25		6~18	8N~15N		$P+13 \leq H \leq d-4$ Round Hole Type+Screw Locking Type	37.5	40.5	33.75
		26						39	42	35.25
		28						42	45	38.25
		30						45	48	41.25
		35		6~25	8N~25N		$P+15 \leq H \leq d-4$ Keyway Hole Type	52.5	55.5	48.75
		36						54	57	50.25
		40						60	63	56.25
		48						72	75	68.25
	50	8~40	8N~30N	75	78	71.25				
	60			$P+15 \leq H \leq d-4$ Round Hole Type+Screw Locking Type	90	93	86.25			
	70	12~40	12N~35N	$P+20 \leq H \leq d-4$ Keyway Hole Type	105	108	101.25			
	80			120	123	116.25				
	16	32	36	27						
	18	36	40	31						
20	40	44	35							
24	8~20	8N~17N	$P+12 \leq H \leq d-5$ Keyway Hole Type	48	52	43				
25				50	54	45				
26				52	56	47				
30				60	64	55				
32	8~25	8N~20N	64	68	59					
36			72	76	67					
40			80	84	75					
48			96	100	91					
52	104	108	99							
60	12~40	12N~35N	120	124	115					
18			8~15	8N~12N	$P+10 \leq H \leq d-6$ Round Hole Type+Screw Locking Type	45	50	38.75		
20	50	55				43.75				
25	8~20	8N~17N	$P+12 \leq H \leq d-6$ Keyway Hole Type	62.5	67.5	56.25				
28				70	75	63.75				
36	8~30	8N~25N	$P+12 \leq H \leq d-6$ Round Hole Type+Screw Locking Type	90	95	83.75				
40				100	105	93.75				
50	12~40	12N~35N	$P+14 \leq H \leq d-6$ Keyway Hole Type	125	130	118.75				
12			$P+10 \leq H \leq d-7$ Round Hole Type+Screw Locking Type	36	42	28.5				
15	8~15	8N~12N		45	51	37.5				
20			60	66	52.5					
30	10~30	10N~30N	$P+12 \leq H \leq d-7$ Round Hole Type+Screw Locking Type	90	96	82.5				
36			$P+14 \leq H \leq d-7$ Keyway Hole Type	108	114	100.5				
40	120	126	112.5							

- ① When selecting the screw locking type or keyed hole type, the hub length must satisfy the condition $(V) \geq M + 3$.
- ② When selecting the keyed hole type and the hub length does not satisfy $(V) \geq M + 3$, no threaded hole processing will be performed.
- ③ If no hub is required, please specify $V = 0$.
- ④ When $V = 0$, there is no need to specify the H dimension, and no threaded hole processing will be done.
- ⑤ Reducing the gear width will also reduce the transmitted torque.
- ⑥ When selecting a keyed hole with a shaft hole diameter of 10 and a keyway width of 4.0mm (height of 1.8mm), please specify the P dimension as 10K.

Optional Processing

Code	Technical Specification	
HC90	Adding Setscrew Hole at 90° Position	Selection Method HC90 ① Additional setscrew hole processing at a 90° position relative to the original setscrew hole. ② Round Hole Type Not Applicable.
		
HC120	Adding Setscrew Hole at 120° Position	Selection Method HC120 ① Additional setscrew hole processing at a 120° position relative to the original setscrew hole. ② Round Hole Type Not Applicable.
	