

Standard Spur Gear ▶ Module 2.5 Pressure Angle 20°



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 - ⑤Gear Shape -

⑦ Inner Bore Diameter P_{H7}

Round Hole Type Screw Locking Type Keyway Hole Type

Optional Processing

HC90 HC120 MC()



Discounted Price

Quantity 1~9 10~

Price 100% Separate Quotation

Price Excluding Tax (Yen)

EAJDP

2.5

15

B25

B

P10N

HC90



CAD 2D 3D

Non-hardened Gear Accuracy: JIS B 1702-1 Grade 8

Hardened Gear Accuracy: JIS B 1702-1 Grade 9

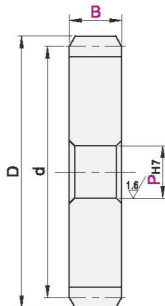
Code	Type	Material		Tooth Surface Hardness	Surface Treatment	Selection of Inner Hole P Shape		
		National Standard	Equivalent			Round Hole Type	Screw Locking Type	Keyway Hole Type
EAJDP	Round Hole Type			—	—			
EAJDO				HRC40~45	Black Oxide Finish			
EAJDS				—	—			
EAJEP	Screw Locking Type	45	S45C	—	—			
EAJEO				HRC40~45	Black Oxide Finish			
EAJES				—	—			
EAJFP	Keyway Hole Type			—	—			
EAJFO				HRC40~45	Black Oxide Finish			
EAJFS				—	—			

① Screw Locking Type Only Applies to Type B.

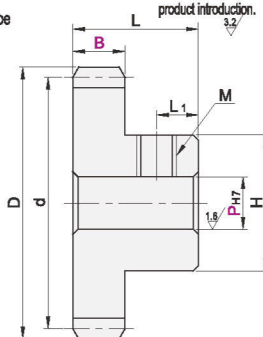
② When selecting Type A for the keyed hole type, there are no threaded holes or set screws.

③ Detailed dimensions of the keyed hole can be found in the product introduction.

Gear Shape A Type



B Type



Model		Number Teeth	B	Gear Shape	Inner Bore Diameter P _{H7} Minimum Unit 1		d	D	H	L	L ₁	M
Code	Module				Round Hole Type Screw Locking Type	Keyway Hole Type						
Round Hole Type EAJDP EAJDO EAJDS	2.5	12	25	A Type	8~13	8N	30	35	23	38	6.5	M5
		14			8~15	8N~12N	35	40	25			
		15			8~20	8N~15N	37.5	42.5	30			
		16			8~22	8N~17N	40	45	32			
		17			8~24	8N~19N	42.5	47.5	35			
		18			8~26	8N~22N	45	50	38			
		19			8~27	8N~23N	47.5	52.5	39			
		20			8~28	8N~23N	50	55	40			
		21			8~29	8N~25N	52.5	57.5	42			
		22			8~30	8N~27N	55	60	44			
		23			8~32	8N~28N	57.5	62.5	46			
		24			8~33	8N~30N	60	65	48			
		25			8~35	8N~31N	62.5	67.5	50			
		26			8~38	8N~35N	65	70	55			
		27			8~42	8N~38N	67.5	72.5	60			
28						70	75					
Screw Locking Type EAJEP EAJEO EAJES		29			8~43	8N~39N	72.5	77.5	62			
		30			8~45	8N~41N	75	80	65			
		32			8~49	8N~45N	80	85				
		34		B Type				70				
		35			10~49	10N~45N	85	90				
		36					87.5	92.5				
		38			10~52	10N~48N	90	95				
		40					95	100	75	42	8.5	
		42					100	105				
		44			10~56	10N~50N	105	110				
45						110	115	80				
46						112.5	117.5					
48						115	120					
48		10~59				120	125					
50		12~59			12N~50N	125	130					
52						130	135					
54						135	140					
55		15~59			15N~50N	137.5	142.5					
56						140	145					
58						145	150					
60						150	155	85				
62						155	160					
64						160	165					
65						162.5	167.5					
68		25~59			25N~50N	170	175					
70						175	180					
72						180	185					
75						187.5	192.5					
80			200	205								

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 Type A is not applicable.						
	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 Type A is not applicable.						
MC()	Changing the Size of Threaded Hole	Selection Method MC5 Screw Hole Designation Table <table><tr><td>Number Teeth</td><td>MC</td></tr><tr><td>15~24</td><td>M4 M6</td></tr><tr><td>25~60</td><td>M5 M8</td></tr></table> ③ Type A is not applicable.	Number Teeth	MC	15~24	M4 M6	25~60	M5 M8
	Number Teeth	MC						
15~24	M4 M6							
25~60	M5 M8							