

Helical Gear ▶ Module 1.0/1.5/2.0/2.5/3.0

Pressure Angle 20° Helix Angle 45°



Please order according to the diagram

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

Model(①Code) - ②Module - ③Number Teeth - ④Inner Bore Diameter P_{H7} Screw Locking Type - ⑤Helix Direction - **HC90 HC120**

EAUDM

1.0

15

P8

L

HC120



Pro Excluding Tax (¥/set)

Discounted Price

Quantity 1~9 10~
Price 100% Separate Quotation

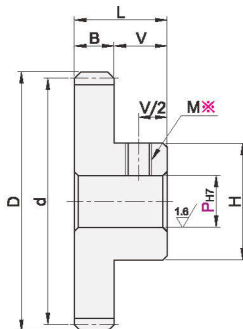


CAD 2D 3D

Code			Material	Tooth Surface Hardness	Surface Treatment	Precision Grade (JIS B 1702-1)
Round Hole Type	Screw Locking Type	Keyway Hole Type				
EAUDM	EAUEM	EAUFM	Equivalent to S45C	HRC40~45	Black Oxide Finish	Grade 8
EAUDN	EAUEN	EAUFN				Grade 9
EAUDO	EAUEO	EAUFO				Grade 8
EAUDP	EAUEP	EAUFP	SUS304	—	—	Grade 8
EAUDQ	EAUEQ	—	MC Nylon			Grade 9

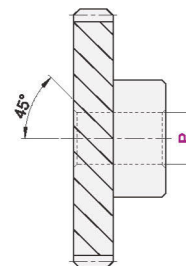
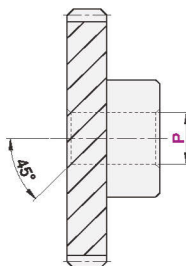
Threaded Hole Size Chart

Inner Bore Diameter P _{H7}	Coarse thread M
6~12	M4
13~17	M5
18~30	M6
31~45	M8
46~65	M10



Helix Direction : Left

Helix Direction : Right



Selection of Inner Hole P Shape

Round Hole Type	Screw Locking Type	Keyway Hole Type

- ① The positional relationship between the keyway and the tooth is semi-fixed.
- ② Detailed dimensions of the keyed hole can be found in the product introduction.
- ③ When the shaft hole specification is a round hole, there are no threaded holes.

Model		Number Teeth	Inner Bore Diameter P _{H7} Minimum Unit 1		Helix Direction	d	D	B	H	L	V
Code	Module		Round Hole Type Screw Locking Type	Keyway Hole Type							
Round Hole Type EAUDM EAUDN EAUDO EAUDP EAUDQ	1.0	13	6~7	—	L (Left) R (Right)	18.38	20.38	—	15	20	10
		15	6~10	8		21.21	23.21	—	18		
		20	8~16	8-10~13		28.28	30.28	10	25		
		26	10~20	10~17		36.77	38.77	—	30		
		30	10~25	10~22		42.43	44.43	—	35		
	1.5	10	8	—		21.21	24.21	—	16	25	10
		13	10~14	10~12		27.58	30.58	—	23		
		15	10~16	10~13		31.82	34.82	15	25		
		20	12~20	12~17		42.43	45.43	—	30		
		26	12~30	12~26		55.15	58.15	—	40		
Screw Locking Type EAUEM EAUEN EAUEO EAUEP EAUEQ	2.0	30	12~33	12~30		63.64	66.64	—	45	35	15
		10	12~13	12		28.28	32.28	—	22		
		13	12~20	12~17		36.77	40.77	20	30		
		15	12~25	12~22		42.43	46.43	—	35		
		20	15~33	15~30		56.57	60.57	—	45		
	2.5	26	20~46	20~44		73.54	77.54	—	60	38	16
		30	20~51	20~47		84.85	88.85	—	65		
		10	12~17	12~14		35.36	40.36	—	26		
		13	15~25	15~22		45.96	50.96	22	35		
		15	15~30	15~26		53.03	58.03	—	40		
Keyway Hole Type EAUFM EAUFN EAUFO EAUFP	3.0	20	20~46	20~44		70.71	75.71	25	60	43	18
		26	20~56	20~50		91.92	96.92	—	70		
		30	20~65	20~50		106.07	111.07	—	80		
		10	15~24	15~21		42.43	48.43	—	34		
		13	20~33	20~30		55.15	61.15	—	45		
	3.0	15	20~38	20~34		63.64	69.64	25	50		
		20	20~46	20~44		84.85	90.85	—	60		
		26	20~65	20~50		110.31	116.31	—	80		
		30	20~65	20~50		127.28	133.28	—	90		

- ① When used between interlaced axes, the helical directions should be the same (L and L or R and R). When used between parallel axes, the helical directions should be different (L and R). Please use them in pairs accordingly.
- ② 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

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