

6060~6125 Bolt/Nut Locking and Knock Pin Installation**1. When with brake and when specification code is T31 (Bolt/Nut Locking)**

Table of Usage (CNHM, CNH)

Type	Frame Size		Bolt for Ring Gear Housing	U nut Note 2	Locktight 262 on female threaded section for stud bolt insertion	
			Screw part coating			
CNHM	6060, 6065		A	B	B	
	6070, 6075		A	B	B	
	6080, 6085		A	B	B	
	6090, 6095		A	B	B	
	6100, 6105		A	B	B	
	6110, 6115		A	B	B	
	6120, 6125		A	B	B	
	6060DA, 6065DA		A	B	B	
	6070DA, 6075DA		A	B	B	
	6090DA, 6095DA		Input side	B	B	B
			Output side	B	A	
	6100DA, 6105DA		Input side	B	B	B
			Output side	B	A	
	6120DA~6125DB		Input side	B	B	B
Output side			B	A		
CNH	6060, 6065		B	A		
	6070, 6075		B	A		
	6080, 6085		A	B	B	
	6090, 6095		B	A		
	6100, 6105		B	A		
	6110, 6115		A	B	B	
	6120, 6125		B	A		
	6060DA, 6065DA		B	A		
	6070DA, 6075DA		B	A		
	6090DA, 6095DA		Input side	B	B	
			Output side	B	A	
	6100DA, 6105DA		Input side	B	B	
			Output side	B	A	
	6120DA~6125DB		Input side	B	B	
Output side			B	A		

- Note:
1. A: Coating required. B: Coating not required.
 2. No spring washer is used when u nut is used.
 3. The table applies also when FCD horizontal casing is used.
 4. When coated hexagon socket head bolt is used and bolt bearing surface is casting surface (FC or FCD), spring washer is used.
 5. Wipe tap end side of stud bolt (male) when applying Locktight 262 (gasoline cleansing not necessary.).

6060~6125 Bolt/Nut Locking and Knock Pin Installation

Table of Usage (CNVM, CNFM, CNV, CNF)

Type	Frame Size	Bolt for Ring Gear Housing	U nut Note 2	Locktight 262 on female threaded section for stud bolt insertion	
		Screw part coating			
CNVM & CNFM	6060,6065	B	A	A	
	6070,6075	B	A	A	
	6080,6085	B	A	A	
	6090,6095	B	A	A	
	6100,6105	B	A	A	
	6110,6115	B	A	A	
	6120,6125	B	A	A	
	6060DA, 6065DA	B	A	A	
	6070DA, 6075DA	B	A	A	
	6090DA, 6095DA	Input side	B	B	B
		Output side	B	A	
	6100DA, 6105DA	Input side	B	B	B
		Output side	B	A	
	6120DA~6125DB	Input side	B	B	B
Output side		B	A		
CNV & CNF	6060, 6065	B	A		
	6070, 6075	B	A		
	6080, 6085	B	A	A	
	6090, 6095	B	A		
	6100, 6105	B	A		
	6110, 6115	B	A	A	
	6120, 6125	B	A		
	6060DA, 6065DA	B	A		
	6070DA, 6075DA	B	A		
	6090DA, 6095DA	Input side	B	B	
		Output side	B	A	
	6100DA, 6105DA	Input side	B	B	
		Output side	B	A	
	6120DA~6125DB	Input side	B	B	
Output side		B	A		

- Note:
1. A: Coating required. B: Coating not required.
 2. Do not use spring washer when using u nut. Use u nut for all locations.
 3. The table applies also when FCD vertical/flange casing is used.
 4. When coated hexagon socket head bolt is used and bolt bearing surface is casting surface (FC or FCD), spring washer is used.
 5. Wipe tap end side of stud bolt (male) when applying Locktight 262 (gasoline cleansing not necessary.).

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Sumitomo Heavy Industries, Ltd.

6060~6125 Bolt/Nut Locking and Knock Pin Installation

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2. When Specification Code is Indicated as T30

Table of Contents for Usage

Types	Frame Size	When knock bolt is used Note 3	
CNHM, CNH, CNVM, CNV, CNFM, CNF	6060, 6065	B	
	6070, 6075	B	
	6080, 6085	B	
	6090, 6095	A	
	6100, 6105	A	
	6110, 6115	A	
	6120, 6125	A	
	6060DA, 6065DA	B	
	6070DA, 6075DA	B	
	6090DA, 6095DA	Input side	B
		Output side	A
	6100DA, 6105DA	Input side	B
		Output side	A
	6120DA~6125DB	Input side	B
		Output side	A

- Note) 1. Bolt for ring gear housing: Screw part coating, u nut, and Locktight application for stud bolt is the same as page 1 and 2.
2. Knock pin is not used when housing material is ADC12.
Subject models without knock pin: 6060~6085
3. Quantity of knock pin used for each unit: 2
Location of knock pin: located in diagonally between bolts on PCD of bolt for ring gear housing.