



# EMERSON™

## Industrial Automation

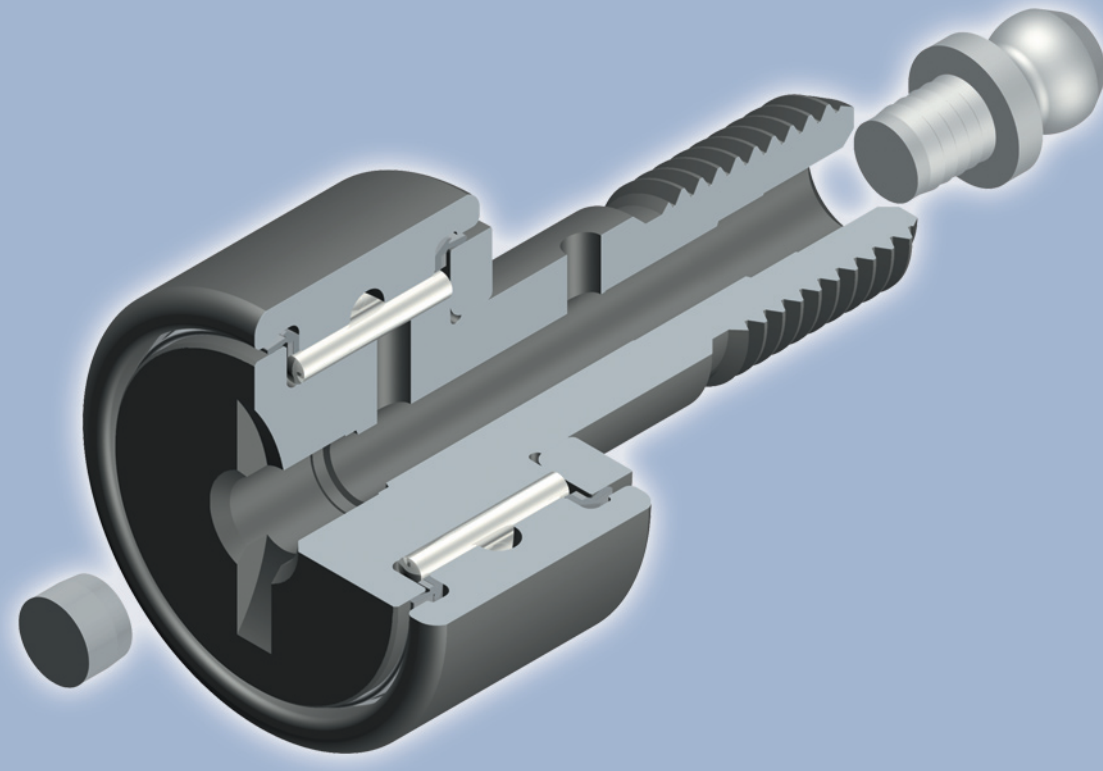
# Cam Follower Installation Guide

### DO...

#### Install oil hole plug as needed

To allow relubrication, install lube fitting in one oil hole and plug unused axial hole.

To help keep out contamination, install plug in axial hole(s)



### DON'T...

#### Misplace the oil hole plug!

Plugs are provided in stud type cam follower boxes

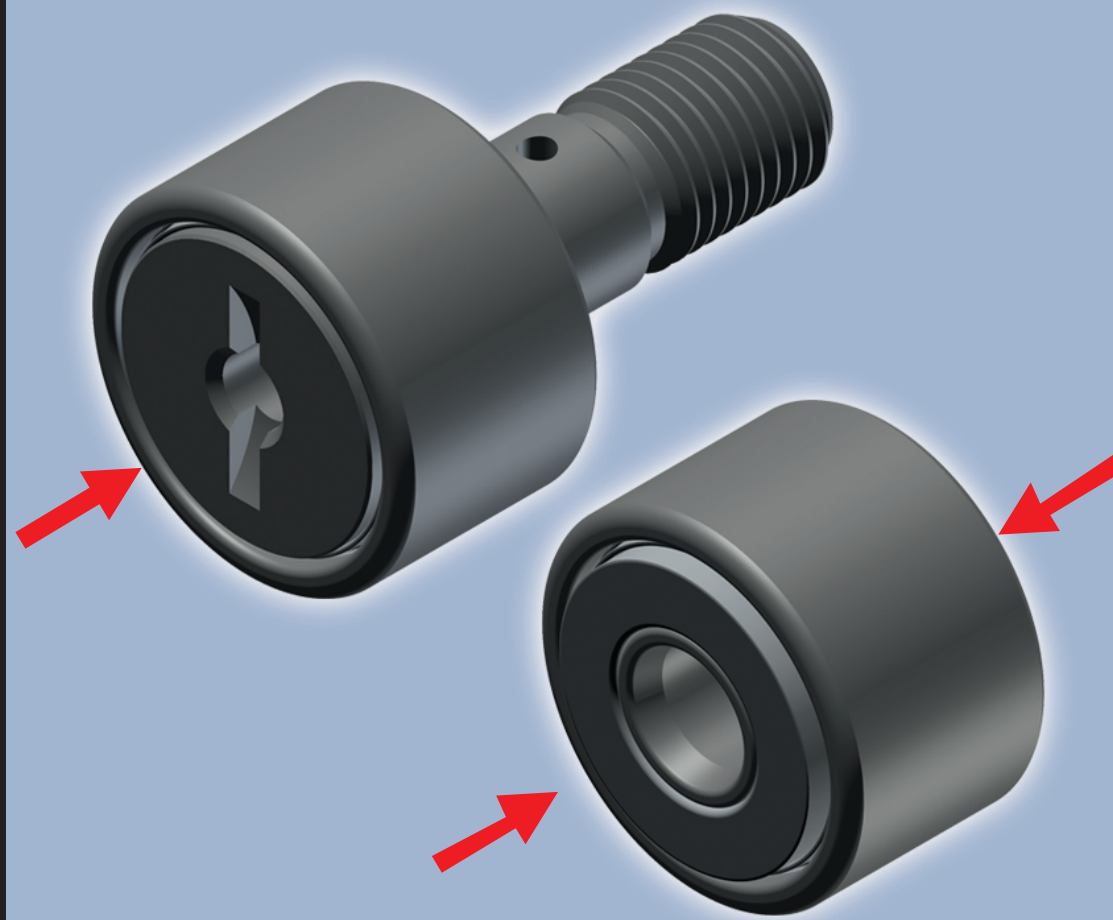


### DO...

#### Properly apply pressure when press-fitting bearing

Stud type: Direct pressure toward center line of bearing

Yoke type: Direct pressure on endplate face towards bore of bearing



### DON'T...

#### Hammer directly on the bearing!

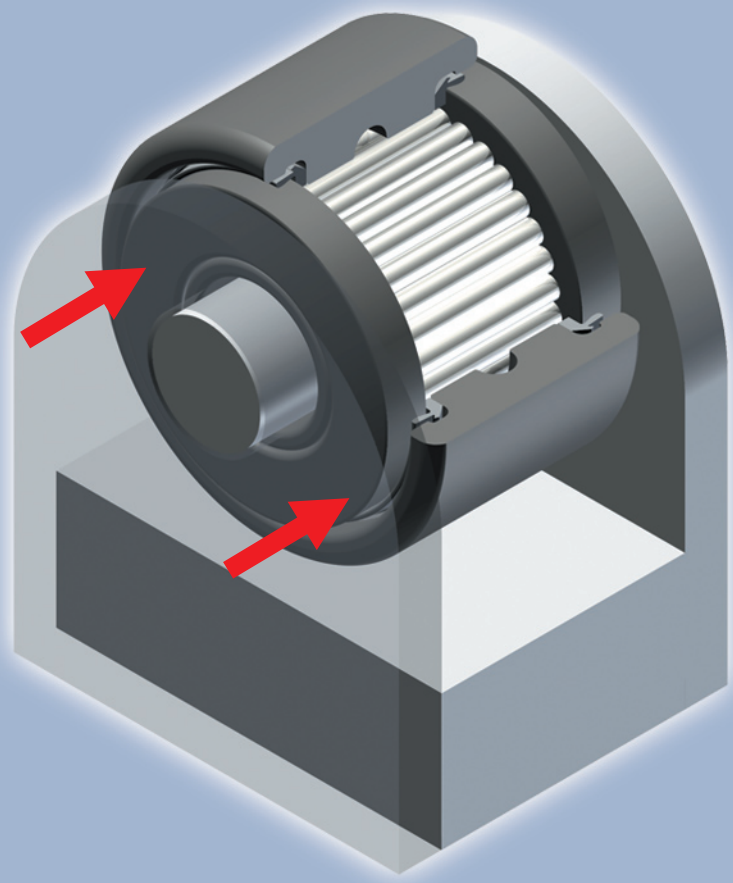
Could result in bearing damage or injury



### DO...

#### Back up end plates to prevent disassembly

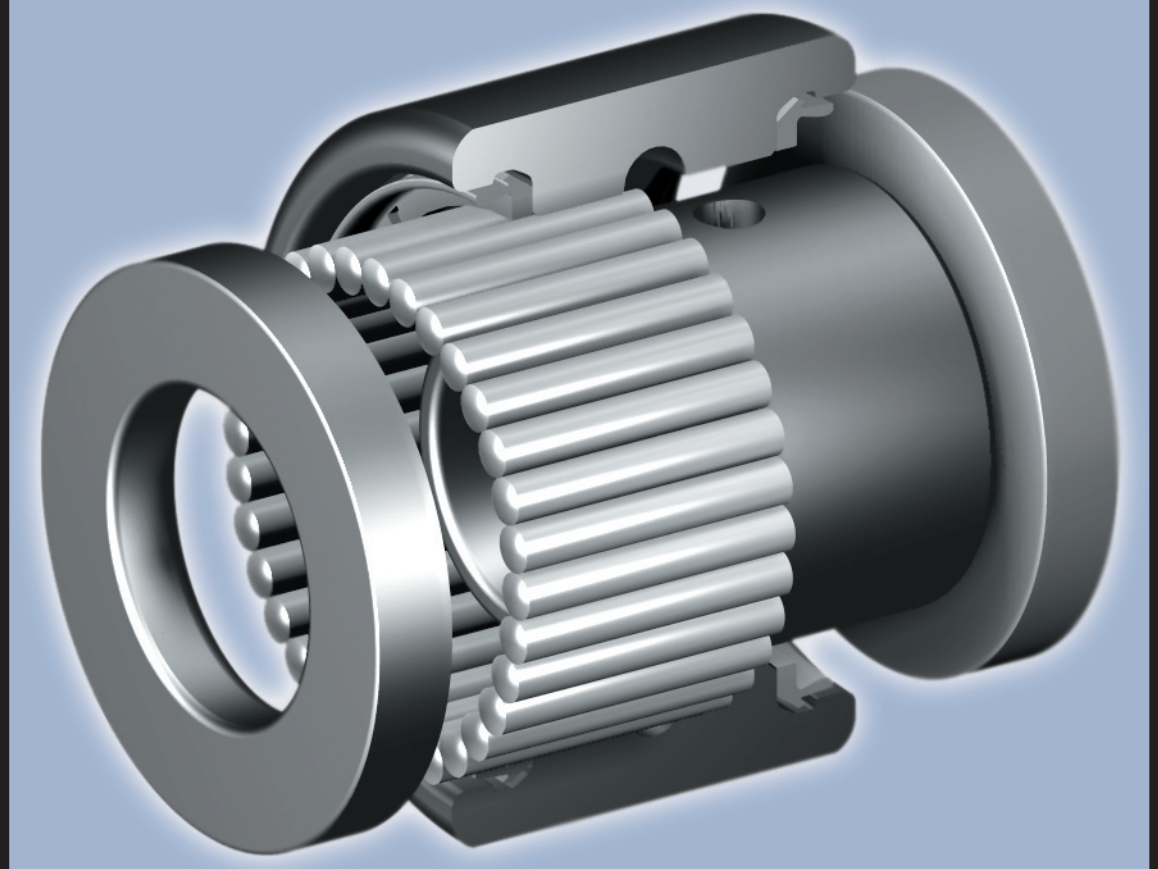
Yoke type bearings require housing that supports the end plates



### DON'T...

#### Leave end plates unsupported!

End plates could back off during operation and cause disassembly



### DO...

#### Relubricate bearings as necessary

While some applications need little or no maintenance, relubrication is needed for higher speed, higher temperature or higher contamination applications

Factory filled standard grease is NLGI #2 lithium soap based

### DON'T...

#### Neglect your bearings!

Lack of lubrication could cause shorter operating life and damage to track or cam

### DO...

#### Torque bearing nuts according to chart

CF, CF-CR, CFD, SDCF		CFH		MFC, MCFD		PCF, FCF, VCF	
Roller Dia. Inches	N-m (1)	Roller Dia. Inches	N-m (1)	Roller Dia. Inches	N-m (1)	Thread Dia. Inches	N-m (1)
1/2, 9/16	0.9	1/2, 9/16	2	13	1	5/8	18
5/8, 11/16	2	5/8, 11/16	5	16	2	3/4	35
3/4, 7/8	5	3/4, 7/8	14	19	4	7/8	42
1, 1 1/8	14	1, 1 1/8	37	22, 26	8	1	63
1 1/4, 1 3/8	20	1 1/4, 1 3/8	71	30, 32	11	1 1/4	97
1 1/2, 1 5/8	37	1 1/2, 1 5/8	85	35	29	2	141
1 3/4, 1 7/8	71	1 3/4, 1 7/8	127	40	43	2 1/2	141
2, 2 1/4	85	2, 2 1/4	158	47, 52	59		
2 1/2, 2 3/4	127	2 1/2, 2 3/4	195	62, 72	108		
3, 3 1/4	195	3-7	285	80, 85, 90	221		
3 1/2	237						
4-10	283						

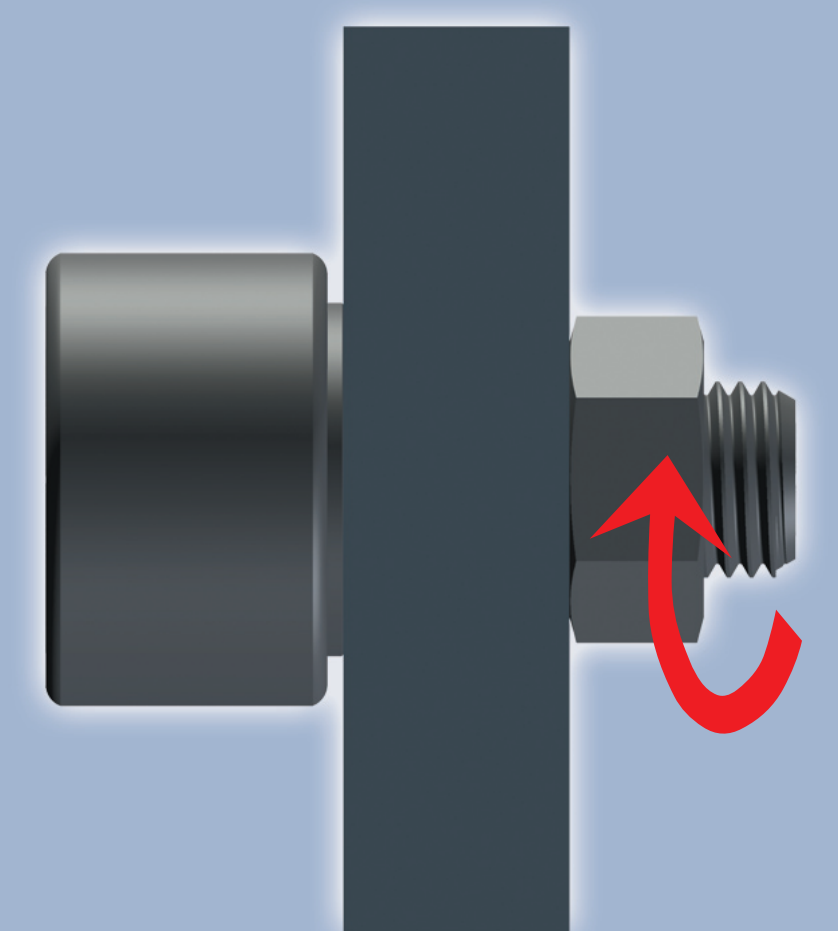
(1) For dry threads, multiply torque by 2.

### DON'T...

#### Over- or under-torque the nuts!

Overtorque could cause damage

Undertorque could cause disassembly



#### APPLICATION CONSIDERATIONS

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MCP07-003 • 8/07 • Printed in U.S.

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