



Reducer Couplers

Reducer Couplers are used when one size rod is attached to a different size. Normally a reduction is from a larger to a smaller diameter rod. For example, changing from a 1" rod to a 7/8" rod. Reducers are sometimes used to increase a rod diameter, for example an embedment may use a high strength rod then change to a larger diameter standard strength rod. This is commonly seen when larger rod is used for stretch control, or a high strength embedment is used.

Identification:

Reducer Coupler

Example: CNR610

CN = Coupling Nut Reducer,

610 = 3/4" - 10 NC to 1-1/4" - 7 NC Thread.

Grade:

Standard Coupler Nuts are ASTM A563 Grade A.

High strength Couplers are ASTM A563 Grade C.

(Grade 8 or 2H may also be supplied)

Sight holes are standard.

Installation

Thread coupler onto larger rod, bottom. Thread smaller rod into coupler and bottom on the larger thread. The thread bottoming in the coupler will indicate full engagement, a sight hole is not necessary.

Reducing Couplers Std Strength			
Model Number	Rod Diameter		Coupler Length
	Small	Large	
CNR-45		3/4"	1-1/4"
CNR-46	1/2"	3/4"	1-1/2"
CNR-47		7/8"	1-3/4"
CNR-56	5/8"	3/4"	1-3/4"
CNR-57		7/8"	1-3/4"
CNR-58		1"	2"
CNR-59		1-1/8"	3"
CNR-67	3/4"	7/8"	2"
CNR-68		1"	2-1/8"
CNR-69		1-1/8"	3"
CNR-610		1-1/4"	3"
CNR-78	7/8"	1"	2-1/8"
CNR-79		1-1/8"	3"
CNR-710		1-1/4"	3"
CNR-89	1"	1-1/8"	3"
CNR-810		1-1/4"	3"
CNR-910	1-1/8"	1-1/4"	3"

Reducer Coupler - High Strength			
Model Number	Rod Diameter		Length
	Small	Large	
CNRHS-56	5/8"	3/4"	1-3/4"
CNRHS-57		7/8"	1-3/4"
CNRHS-58		1"	2"
CNRHS-59		1-1/8"	3"
CNRHS-67	3/4"	7/8"	2"
CNRHS-68		1"	2-1/8"
CNRHS-69		1-1/8"	3"
CNRHS-610		1-1/4"	3"
CNRHS-78	7/8"	1"	2-1/8"
CNRHS-79		1-1/8"	3"
CNRHS-710		1-1/4"	3"
CNRHS-89	1"	1-1/8"	3"
CNRHS-810		1-1/4"	3"
CNRHS-910	1-1/8"	1-1/4"	3"
CNRHS-914		1-3/4"	4"
CNRHS-1014	1-1/4"	1-3/4"	4"

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