

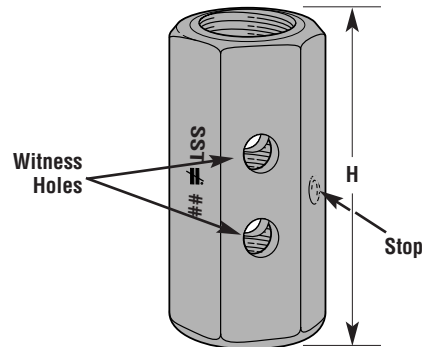
COUPLER NUTS

All-thread rod is correctly installed when visible through the “witness” holes. The CNW dimple provides a positive stop to allow even bolt threading top and bottom. ATS couplers are partially threaded at each end to create a positive stop for the threaded rod.

CNWs and standard or high-strength ATS couplers are tested and load-rated coupling nuts. They can be used for extending anchor bolts, for example, through floor framing. CNWs and ATS-C coupling nuts meet and exceed the allowable tensile capacity of the corresponding ASTM A36 threaded rod. ATS-HSC coupling nuts meet and exceed the allowable tension capacity of the corresponding ASTM A108-C1045 threaded rod.

INSTALLATION:

- Tighten the two rods until each all-thread rod can be fully seen in the witness hole.

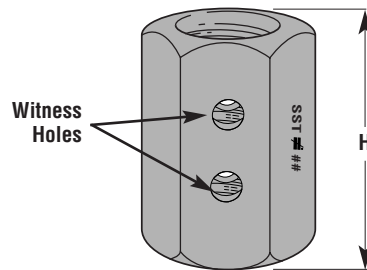


CNW
allows fast visual check for correct all thread rod installation.

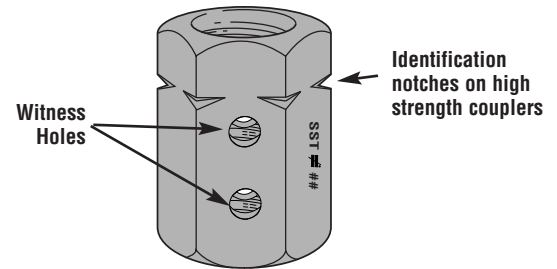
CNW Couplers

Model No.	Rod Dia. (in)	H Min. (in)
CNW $\frac{1}{2}$	0.50	1 $\frac{1}{2}$
CNW $\frac{5}{8}$	0.625	1 $\frac{7}{8}$
CNW $\frac{3}{4}$	0.75	2
CNW $\frac{7}{8}$	0.875	2 $\frac{3}{16}$

1. CNW tested average ultimate capacity exceeds the minimum tensile strength, as determined from the minimum tensile stress (f_u), of A36 rod.



Standard Coupler
ATS-C

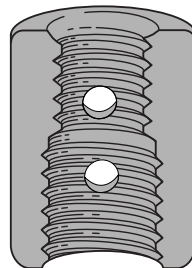


High Strength Coupler
ATS-HSC

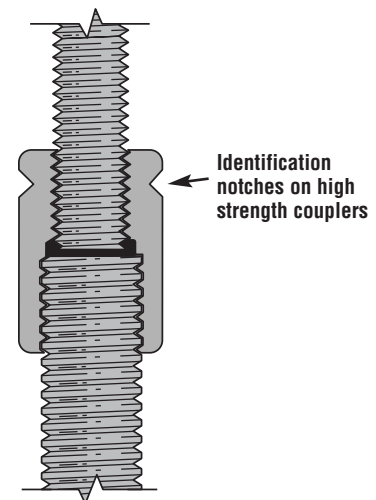
Standard Couplers and High Strength Couplers

Model No.	Rod Dia. (in)	H min. (in)
ATS-C54	0.625 to 0.50	1 $\frac{1}{4}$
ATS-C64	0.75 to 0.50	1 $\frac{1}{2}$
ATS-C65	0.75 to 0.625	1 $\frac{1}{2}$
ATS-C75	0.875 to 0.625	1 $\frac{3}{4}$
ATS-C76	0.875 to 0.75	1 $\frac{3}{4}$
ATS-C86	1.00 to 0.75	2
ATS-C87	1.00 to 0.875	2
ATS-C88	1.00	2 $\frac{3}{4}$
ATS-C97	1.125 to 0.875	3
ATS-C98	1.125 to 1.00	3
ATS-C99	1.125	3
ATS-HSC54	0.625 to 0.50	1 $\frac{1}{4}$
ATS-HSC77	0.875	2 $\frac{1}{2}$
ATS-HSC88	1.00	2 $\frac{3}{4}$

1. Other coupler nuts available, contact factory.
2. ATS-C and ATS-HSC tested average ultimate capacity exceeds the minimum tensile strength, as determined from the minimum tensile stress (f_u), of A36 rod, A108-C1045 for high strength rod.



Standard Transition Coupler



High Strength Transition Coupler