

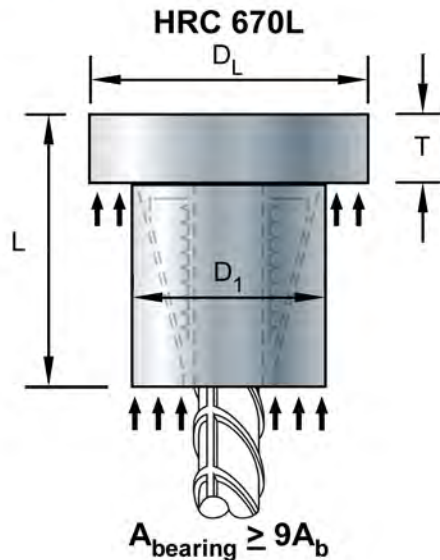
HRC 670L (9Ab) Series Field Installed T-Head

Used to anchor reinforcing bars when:

- Point of maximum stress is close to the end of the bar.
- Development length leading up to the head is neglected during design.
- Member depth/width doesn't accommodate required development length for 4Ab head.



Bar Size	Bolt Socket Size
#4	3/4 in
#5	3/4 in
#6	3/4 in
#7	3/4 in
#8	1 in
#9	1 in
#10	1 1/4 in
#11	1 1/2 in
#14	1 1/2 in
#18	1 1/2 in



Use HRC 670 for standard 4A_b heads.

Contact HRC for more information.

Dimensions of HRC 670L Field Installed T-Head

Reinforcing Bars			A706/A615 Grade 60		A706/A615 Grade 80		HRC 670L Dimensions			
Size	Dia [in]	Area [in ²]	Yield [lbs]	Tensile [lbs]	Yield [lbs]	Tensile [lbs]	D1 [in]	DL [in]	L [in]	T [in]
#4	0.500	0.20	12,000	16,000	16,000	20,000	1.500	2.000	2.22	0.79
#5	0.625	0.31	18,600	24,800	24,800	31,000	1.500	2.000	2.22	0.79
#6	0.750	0.44	26,400	35,200	35,200	44,000	1.750	2.500	2.48	0.87
#7	0.875	0.60	36,000	48,000	48,000	60,000	2.080	2.875	2.80	0.94
#8	1.000	0.79	47,400	63,200	63,200	79,000	2.375	3.250	3.30	1.14
#9	1.128	1.00	60,000	80,000	80,000	100,000	2.625	3.625	3.35	1.14
#10	1.270	1.27	76,200	101,600	101,600	127,000	3.000	4.000	3.70	1.24
#11	1.410	1.56	93,600	124,800	124,800	156,000	3.500	4.500	4.20	1.34
#14	1.693	2.25	135,000	180,000	180,000	225,000	4.000	5.500	4.90	1.53
#18	2.257	4.00	240,000	320,000	320,000	400,000	5.250	7.250	6.25	1.77

All data subject to change without notice.

Patent No.: US 9,091,064 B1

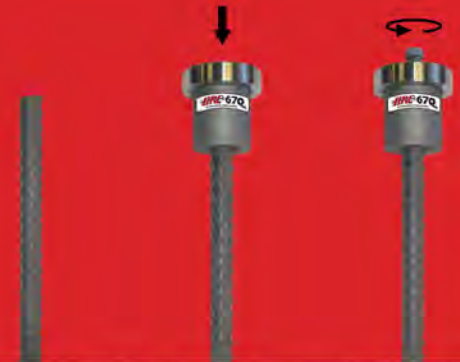
Rev. 11/2021



Headed Reinforcement Corp.
11200 Condor Ave. Fountain Valley, CA 92708
714-557-1455 714-557-4460 fax

Field Install T-Heads
Are As Simple As:

1 - 2 - 3



No Special Equipment Needed

Cut bar to
desired
elevation - X
(1)

Push HRC 670
onto bar until it
bottoms out
(2)

Tighten bolt
until head
breaks off
(3)

Meets ASTM A970 Class A
Meets and Exceeds ACI 318 and
ASTM A970 Class HA
requirements for tensile
properties and head bearing area



Approvals:

IAPMO-ES ER No 177
City of L.A. RR 25815
NYCDOB OTCR 25-19

