



HRC 555 Series T-Headed Rebar



Development and Anchorage of Reinforcing Bars



- **Substitute Standard Hooks**

For structural, practical or economical reasons the **HRC 555 Series T-Head** is your problem solver. Simplify rebar details, reduce congestion while improving concrete consolidation and lowering the in-place costs compared to conventional methods.

- **Building Code Compliant**

According to ACI 318, the HRC 555 Series T-Headed Bars have the shortest required development length compared to standard hooks or straight bars. The use of **Headed Reinforcement** improves the form, fit and functional performance of reinforced concrete structures. HRC 555 Series T-headed bars are compliant with ACI 318-19 section 25.4.4, ACI 318-14 section 25.4.4, ACI 318-11 section 12.6 and ASTM A970 Class HA requirements.



**HRC Performance
Local Quality Fabrication**



Made in the USA

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Headed Reinforcement Corp.



HRC 555 Series T-Head



Advantages

• **Ultimate Capacity**

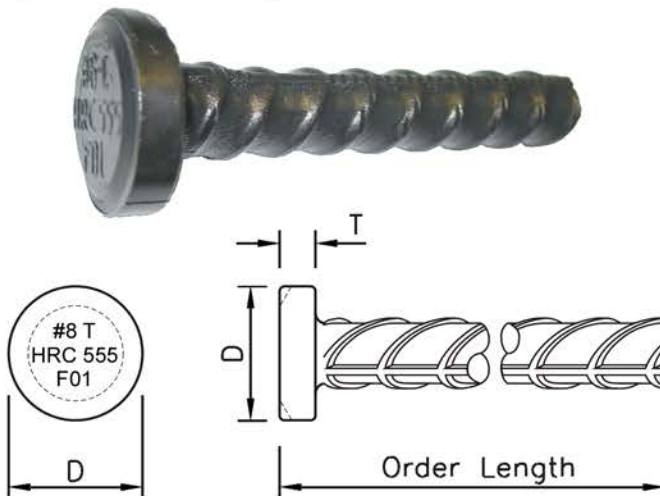
With point of maximum stress near the end of the bar, you can rely on the **HRC 555 Series T-Headed** rebars to achieve the Ultimate Capacity. The head-to-bar connection is designed to **exceed** the stress and strain capacity of the reinforcing bar, unlike products with reduced cross-sectional properties. A706 recommended for Ultimate performance.

• **Reliable Fixed Head**

As there is no field assembly, the fixed head will not be missing in action when needed.

• **Optimized Head Size**

With head thickness less than the bar diameter, detailing issues are prevented and the bearing area can easily be positioned where it is most effective (e.g. hooked around a crossing bar, engaging maximum member depth). Full size heads are still available and should be used for applications that require lower bearing stress at the head to transfer the load.



Dimensions of HRC 555 Series T-Head

Bar Size	HRC 555 Dimensions	
	Diameter D (inch)	Thickness T* (inch)
10M	0.98	0.22
#4	1.14	0.25
#5 / 15M	1.42	0.31
#6 / 20M	1.69	0.38
#7	1.97	0.44
#8 / 25M	2.25	0.50
#9	2.56	0.56
30M	2.72	0.59
#10	2.87	0.64
#11 / 35M	3.19	0.70
#14 / 45M	3.82	1.02

* Head thickness should be no larger than bar diameter.

A615/A706 Grade 60

#4 through #14

A615/706 Grade 80

#5 through #11

Contact HRC for information on bar size / grade combinations that are not listed. .

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Quality Control

HRC 555 Headed Bars are produced by both HRC and officially licensed fabricators. To achieve consistent quality, officially licensed fabricators perform periodic production testing and are routinely audited by HRC.

Meets ASTM A970
Class HA, Class A and B
Requirements

Approvals:

ICC-ES ESR-2935

IAPMO UES ER-177

ACI 318 Compliant

CSA 23.3 (5Ab) Compliant

City of Los Angeles Building
Code (LABC) Compliant

Caltrans AML
(4x Net Rebar Area)

NYCDOB OTCR 25-19

For installation parameters and current approvals, please visit www.hrc-usa.com or contact an HRC representative.

