

**DWIDAG THREADBAR® Grade 100 Reinforcing Steel**
**NEW**

**Available now  
for Mill Order!**
**New Grade 100 DWIDAG THREADBAR®**

Thanks to a significant R&D DWIDAG THREADBAR® Grade 100 reinforcement is now available in sizes #6 through #20. It has a continuous rolled-in pattern of thread-like deformations along its entire length. More durable than machined threads, the deformation pattern complies with ASTM A615 with no compromise in bond strength. All mechanical properties meet or exceed A615 Grade 100 requirements.

**Benefits of High-Strength THREADBAR® Reinforcement**
**FAST**

The continuous coarse threads on all DWIDAG Form Tie components mean quick installation and stripping. The threads resist handling damage and remain threadable even when dirty or rusty.

**Strong**

DYWIDAG's high load capacities allow greater spacing for fewer ties and lower labor costs.

**Light**

DYWIDAG ties are 50% lighter than conventional ties. Their lightweight and high strength features save on shipping and labor costs.

**VERSATILE**

The bars are available in mill lengths and can be cut to fit and/or spliced at any point without reduction in strength or threadability.

**Advantages of High-Strength THREADBAR® Reinforcement**

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|--|---|--|
| <ul style="list-style-type: none"> <li>■ Fewer bars to handle</li> <li>■ Less congestion</li> <li>■ Lighter reinforcement assemblies</li> <li>■ Faster construction</li> </ul> | <p>Having to hoist, handle and place a lower volume of reinforcing steel makes installation simpler and faster. And, less congestion results in higher quality concrete placement with reduced risk</p> | <p>of consolidation issues. All these advantages result in a reduced volume of steel and shorter construction time leading to a lower overall cost of the reinforced concrete structure.</p> |
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**DWIDAG THREADBAR® Reinforcing Steel ASTM A615 (Grade 100)**

**Reinforcing Steel Properties**

THREADBAR® DESIGNATION	MAXIMUM THREADBAR® DIAMETER			MINIMUM YIELD STRESS (fy)		NOMINAL CROSS SECTION (A.)		MINIMUM YIELD LOAD (fyXA.)		NOMINAL WEIGHT	
	mm	in	mm	ksi	MPa	in2	mm2	kips	kN	lbs/ft	Kg/m
#6	19	0.86	22	100	690	0.44	284	44.0	196	1.50	2.23
#7	22	0.99	25	100	690	0.60	387	60.0	287	2.04	3.04
#8	25	1.12	28	100	690	0.79	510	79.0	351	2.67	3.97
#9	29	1.26	32	100	690	1.00	645	100.0	445	3.40	5.06
#10	32	1.43	36	100	690	1.27	819	127.0	565	4.30	6.40
#11	36	1.61	41	100	690	1.56	1,006	156.0	694	5.31	7.90
#14	43	1.86	47	100	690	2.25	1,452	225.0	1,001	7.65	11.38
#18	57	2.50	64	100	690	4.00	2,581	400.0	1,779	13.60	20.24
#20	63	2.72	69	100	690	4.91	3,168	491.0	2,184	16.70	24.85

**Vertical and Horizontal Reinforcement**

