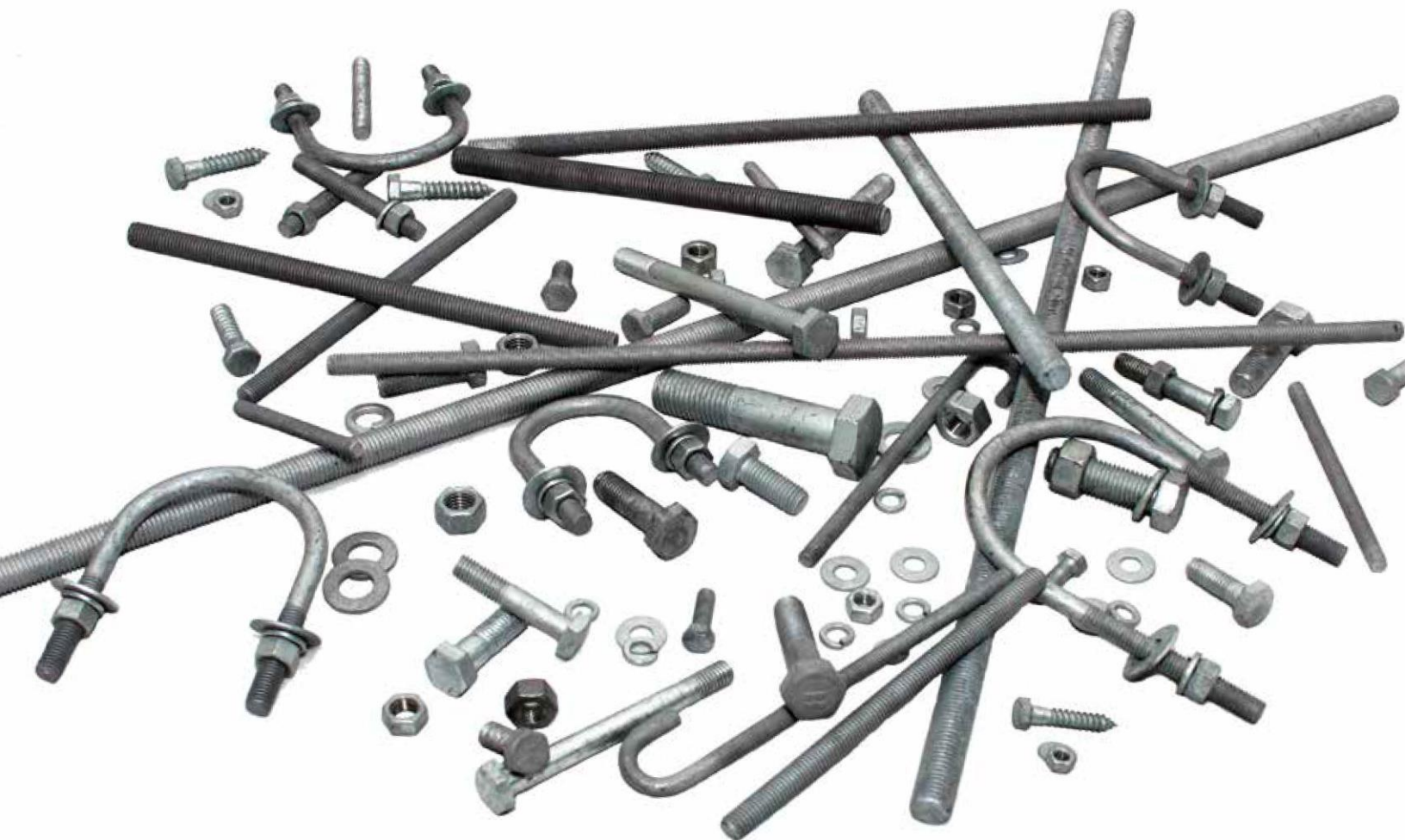




WANHO Manufacturing & Logistics

Manufactured Rods and Fastening Solutions



WANHO Standard Thread Selections










Coarse Thread Series – UNC			Fine Thread Series – UNF			8-Thread Series – 8UN		
Nominal Size and Threads Per In.	Section at Minor Diameter	Tensile Stress Area	Nominal Size and Threads Per In.	Section at Minor Diameter	Tensile Stress Area	Nominal Size and Threads Per In.	Section at Minor Diameter	Tensile Stress Area
	Sq. In.	Sq. In.		Sq. In.	Sq. In.		Sq. In.	Sq. In.
1/4 - 20	0.026	0.031	1/4 - 28	0.032	0.036	–	–	–
3/8 - 16	0.0678	0.0775	3/8 - 24	0.0809	0.0878	–	–	–
7/16 - 14	0.0933	0.1063	7/16 - 20	0.1090	0.1187	–	–	–
1/2 - 13	0.1257	0.1419	1/2 - 20	0.1486	0.1599	–	–	–
9/16 - 12	0.162	0.182	9/16 - 18	0.189	0.203	–	–	–
5/8 - 11	0.202	0.226	5/8 - 18	0.240	0.256	–	–	–
3/4 - 10	0.302	0.334	3/4 - 16	0.351	0.373	–	–	–
7/8 - 9	0.419	0.462	7/8 - 14	0.480	0.509	–	–	–
1 - 8	0.551	0.606	1 - 12	0.625	0.663	1 - 8	0.551	0.606
1 1/8 - 7	0.693	0.763	1 1/8 - 12	0.812	0.856	1 1/8 - 8	0.728	0.790
1 1/4 - 7	0.890	0.969	1 1/4 - 12	1.024	1.073	1 1/4 - 8	0.929	1.000
1 3/8 - 6	1.054	1.155	1 3/8 - 12	1.260	1.315	1 3/8 - 8	1.155	1.233
1 1/2 - 6	1.294	1.405	1 1/2 - 12	1.521	1.581	1 1/2 - 8	1.405	1.492
–	–	–	–	–	–	1 5/8 - 8	1.68	1.78
1 3/4 - 5	1.74	1.90	–	–	–	1 3/4 - 8	1.98	2.08
–	–	–	–	–	–	1 7/8 - 8	2.30	2.41
2 - 4 1/2	2.30	2.50	–	–	–	2 - 8	2.65	2.77
2 1/4 - 4 1/2	3.02	3.25	–	–	–	2 1/4 - 8	3.42	3.56
2 1/2 - 4	3.72	4.00	–	–	–	2 1/2 - 8	4.29	4.44
2 3/4 - 4	4.62	4.93	–	–	–	2 3/4 - 8	5.26	5.43
3 - 4	5.62	5.97	–	–	–	3 - 8	6.32	6.51
3 1/4 - 4	6.72	7.10				3 1/4 - 8	7.49	7.69
3 1/2 - 4	7.92	8.33	–	–	–	3 1/2 - 8	8.75	8.96
3 3/4 - 4	9.21	9.66	–	–	–	3 3/4 - 8	10.11	10.34
4 - 4	10.61	11.08	–	–	–	4 - 8	11.57	11.81

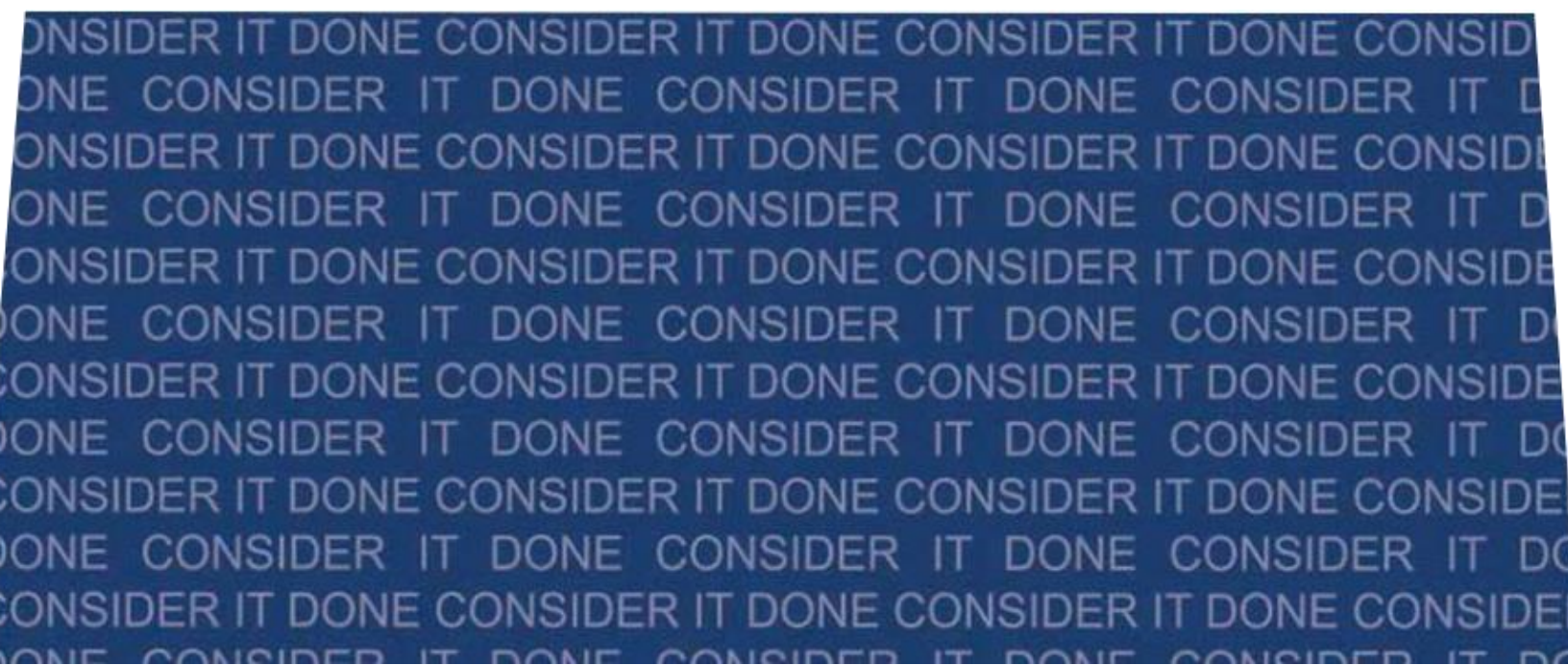
** Custom diameters, lengths, and pitch configurations available*

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Headed Bolts

WANHO Manufacturing manufactures and distributes the following ferrous and non-ferrous headed bolts.

Head Types		Grades Available	
Hex Cap		A307 A and A307 B	
Heavy Hex		A325	
Structural A325		A449	
Lag Bolts		A490	
Square Head		A354 BC	
Dome Head		A354 BD	
Carriage		F593	
Socket		304 SS	
Step		316 SS	
"Custom" Designed		18-8 SS	
		F1554	
		B8 Class 1 & 2	
		B8M Class 1 & 2	
		A193 GR. B7	
		*Specials/Custom Physical & Chemical Properties Available	



Manufacturing Capabilities

- Standard and specials to print
- Custom cutting and secondary operations
- Custom packaging and kitting
- Products available in carbon steel, various steel alloy, stainless, brass, bronze, and exotics
- VMI and consignment programs available
- Large global inventories
- ISO 9001 and ISO 14001:2015 TQM certified

Production Capacity

- Steel Rolling Mill = 3,000 MT/Per Month
- Forging Hex Nuts/Headed Products = 1,800 MT/Per Month
- Threaded Bar/Rods = 1,000 MT/Per Month

Design and Development

Our Design Team utilizes all the latest state-of-the-art 3D Modeling software to assist in custom and special projects and products.



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