

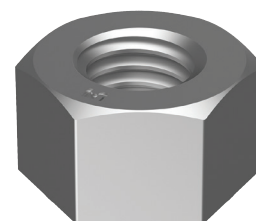


Petrochemical

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Heavy Hex Nuts Properties **ASTM A194 / A194M**

UNC GRADE 2H HEAVY HEX NUT CARBON STEEL ASTM A194/A194M						
Part	Size	Thread	Nut Wgt	Hardness	Stress Area	Proof Load
		(TPI)	(Kg)	(HRC)	(inch ²)	(lbf)
NP2HPC025	1/4"	20.0	0.01	24 -35	0.0316	5570
NP2HPC031	5/16"	18.0	0.01	24 -35	0.0524	9170
NP2HPC037	3/8"	16.0	0.01	24 -35	0.0774	13560
NP2HPC043	7/16"	14.0	0.02	24 -35	0.1063	18600
NP2HPC050	1/2"	13.0	0.03	24 -35	0.1419	24830
NP2HPC056	9/16"	12.0	0.04	24 -35	0.1820	31850
NP2HPC062	5/8"	11.0	0.05	24 -35	0.2260	39550
NP2HPC075	3/4"	10.0	0.09	24 -35	0.3340	58450
NP2HPC087	7/8"	9.0	0.13	24 -35	0.4620	80850
NP2HPC100	1"	8.0	0.19	24 -35	0.6060	106000
NP2HPC112	1 1/8"	7.0	0.26	24 -35	0.7900	138200
NP2HPC125	1 1/4"	7.0	0.37	24 -35	1.0000	175000
NP2HPC150	1 1/2"	6.0	0.58	24 -35	1.4920	261100
NP2HPC175	1 3/4"	5.0	0.96	35 max	2.0800	364000
NP2HPC200	2"	4.5	1.40	35 max	2.7700	484800



Based on proof stress of 175,000 psi.

UN8 GRADE 2H HEAVY HEX NUT CARBON STEEL ASTM A194/A194M						
Part	Size	Thread	Nut Wgt	Hardness	Stress Area	Proof Load
		(TPI)	(Kg)	(HRC)	(inch ²)	(lbf)
NP2HPU112	1 1/8"	8	0.26	24 -35	0.790	138200
NP2HPU125	1 1/4"	8	0.37	24 -35	1.000	175000
NP2HPU137	1 3/8"	8	0.48	24 -35	1.233	215800
NP2HPU150	1 1/2"	8	0.58	24 -35	1.492	261100
NP2HPU162	1 5/8"	8	0.78	35 max	1.780	311500
NP2HPU175	1 3/4"	8	0.96	35 max	2.080	364000
NP2HPU187	1 7/8"	8	1.16	35 max	2.410	421800
NP2HPU200	2"	8	1.40	35 max	2.770	484800
NP2HPU225	2 1/4"	8	1.90	35 max	3.560	623000
NP2HPU250	2 1/2"	8	2.56	35 max	4.440	777000
NP2HPU275	2 3/4"	8	3.35	35 max	5.430	950250
NP2HPU300	3"	8	4.32	35 max	-	-
NP2HPU350	3 1/2"	8	6.94	35 max	-	-
NP2HPU400	4"	8	9.91	35 max	-	-

Based on proof stress of 175,000 psi.

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