

NORTHEAST AEROSPACE

LTB4.21A

RACING APPLICATION
NAS HEX HEAD BOLTS
LONG THREAD LENGTH



RACEFAST SUPPLYSM - MOTORSPORTS FASTENER PROGRAM

TEL: 603.895.0550

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RACEFASTSM
FASTENING SYSTEMS

WHILE EVERY EFFORT HAS BEEN MADE TO ENSURE THE ACCURACY OF THIS DOCUMENT
IT IS THE USER'S RESPONSIBILITY TO CONFIRM DIMENSIONS BEFORE PROCUREMENT AND USE.

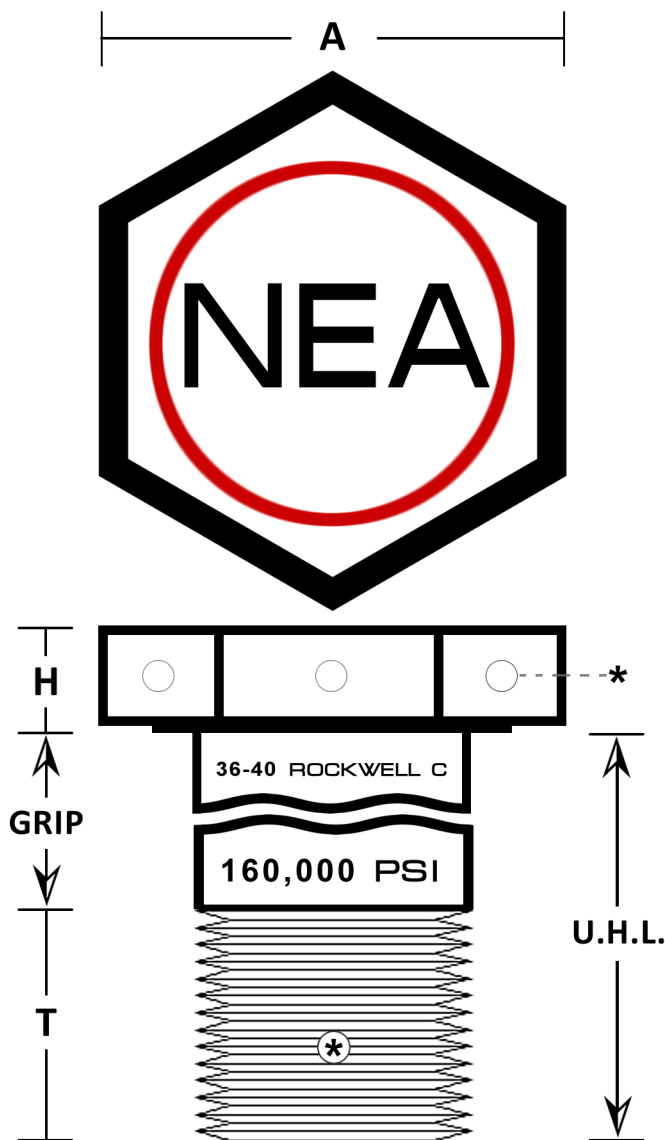
RACEFASTSM SUPPLY - MOTORSPORTS FASTENER PROGRAM

NORTHEAST AEROSPACE

REFERENCE CHART: NAS1303 / NAS6603 / NAS6703 / NAS6803

Sheet 1 of 2

DASH #	GRIP	UNDER HEAD LENGTH	THREAD LENGTH [T]	WRENCH SIZE [A]	HEAD HEIGHT [H]
1	.0625	.408	.345	3/8"	.110
2	.1250	.470			
3	.1875	.533			
4	.2500	.595			
5	.3125	.658			
6	.3750	.720			
7	.4375	.783			
8	.5000	.845			
9	.5625	.908			
10	.6250	.970			
11	.6875	1.033			
12	.7500	1.095			
13	.8125	1.158			
14	.8750	1.220			
15	.9375	1.283			
16	1.0000	1.345			
17	1.0625	1.408			
18	1.1250	1.470			
19	1.1875	1.533			
20	1.2500	1.595			
21	1.3125	1.658			
22	1.3750	1.720			
23	1.4375	1.783			
24	1.5000	1.845			
25	1.5625	1.908			
26	1.6250	1.970			
27	1.6875	2.033			
28	1.7500	2.095			
29	1.8125	2.158			
30	1.8750	2.220			
31	1.9375	2.283			
32	2.0000	2.345			
33	2.0625	2.408			
34	2.1250	2.470			
35	2.1875	2.533			
36	2.2500	2.595			
37	2.3125	2.658			
38	2.3750	2.720			
39	2.4375	2.783			
40	2.5000	2.845			
41	2.5625	2.908			
42	2.6250	2.970			
43	2.6875	3.033			
44	2.7500	3.095			



10-32 [.190-32] - UNJF 3A

NAS1303 & NAS6603 - 4340 / 8740 STEEL

NAS6703 - A286 PYROMET - HI-TEMP

NAS6803 - 6AL4V TITANIUM

* - OPTIONAL DRILLED HEAD/SHANK

FOR DIMENSIONAL REFERENCE ONLY

* FOR NAS1303 ONLY: SUBTRACT .007 FROM THE T & U.H.L. DIMENSIONS *

RACEFAST SUPPLY - NAS LONG THREAD LENGTH MOTORSPORTS APPLICATION HEX BOLTS

NORTHEAST AEROSPACE

REFERENCE CHART: NAS1303 / NAS6603 / NAS6703 / NAS6803

Sheet 2 of 2

DASH #	GRIP	UNDER HEAD LENGTH
45	2.8125	3.158
46	2.8750	3.220
47	2.9375	3.283
48	3.0000	3.345
49	3.0625	3.408
50	3.1250	3.470
51	3.1875	3.533
52	3.2500	3.595
53	3.3125	3.658
54	3.3750	3.720
55	3.4375	3.783
56	3.5000	3.845
57	3.5625	3.908
58	3.6250	3.970
59	3.6875	4.033
60	3.7500	4.095
61	3.8125	4.158
62	3.8750	4.220
63	3.9375	4.283
64	4.0000	4.345
65	4.0625	4.408
66	4.1250	4.470
67	4.1875	4.533
68	4.2500	4.595
69	4.3125	4.658
70	4.3750	4.720
71	4.4375	4.783
72	4.5000	4.845
73	4.5625	4.908
74	4.6250	4.970
75	4.6875	5.033
76	4.7500	5.095
77	4.8125	5.158
78	4.8750	5.220
79	4.9375	5.283
80	5.0000	5.345
81	5.0625	5.408
82	5.1250	5.470
83	5.1875	5.533
84	5.2500	5.595
85	5.3125	5.658
86	5.3750	5.720
87	5.4375	5.783
87	5.5000	5.845
88	5.5625	5.908

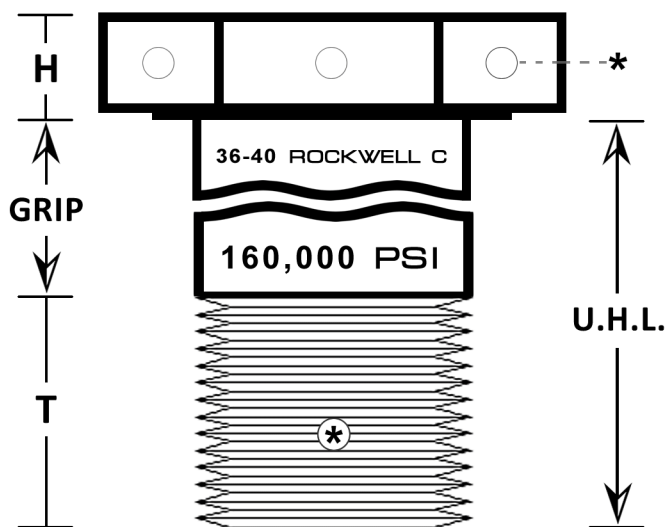
PLEASE ENQUIRE FOR LONGER LENGTHS

THREAD LENGTH [T] WRENCH SIZE [A] HEAD HEIGHT [H]

.345

3/8"

.110



10-32 [.190-32] - UNJF 3A

NAS1303 & NAS6603 - 4340 / 8740 STEEL

NAS6703 - A286 PYROMET - HI-TEMP

NAS6803 - 6AL4V TITANIUM

* - OPTIONAL DRILLED HEAD/SHANK

FOR DIMENSIONAL REFERENCE ONLY

* FOR NAS1303 ONLY: SUBTRACT .007 FROM THE T & U.H.L. DIMENSIONS *

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RACEFAST SUPPLY - NAS LONG THREAD LENGTH MOTORSPORTS APPLICATION HEX BOLTS

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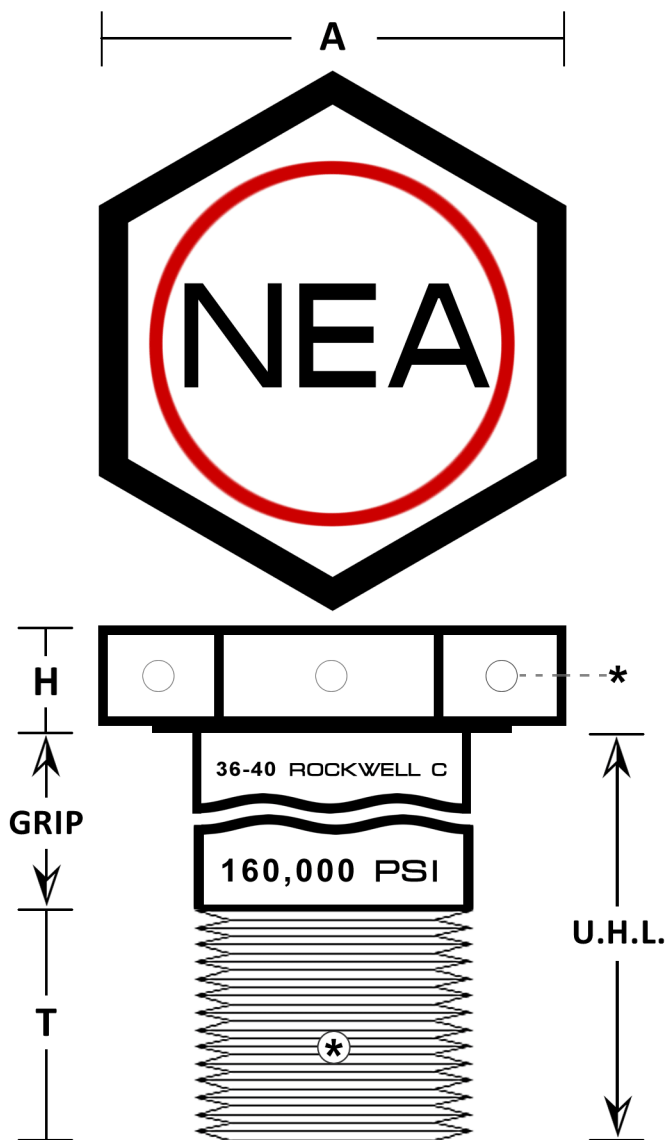
02

NORTHEAST AEROSPACE

REFERENCE CHART: NAS1304 / NAS6604 / NAS6704 / NAS6804

Sheet 1 of 2

DASH #	GRIP	UNDER HEAD LENGTH	THREAD LENGTH [T]	WRENCH SIZE [A]	HEAD HEIGHT [H]
1	.0625	.488	.425	7/16"	.125
2	.1250	.550			
3	.1875	.613			
4	.2500	.675			
5	.3125	.738			
6	.3750	.800			
7	.4375	.863			
8	.5000	.925			
9	.5625	.988			
10	.6250	1.050			
11	.6875	1.113			
12	.7500	1.175			
13	.8125	1.238			
14	.8750	1.300			
15	.9375	1.363			
16	1.0000	1.425			
17	1.0625	1.488			
18	1.1250	1.550			
19	1.1875	1.613			
20	1.2500	1.675			
21	1.3125	1.738			
22	1.3750	1.800			
23	1.4375	1.863			
24	1.5000	1.925			
25	1.5625	1.988			
26	1.6250	2.050			
27	1.6875	2.113			
28	1.7500	2.175			
29	1.8125	2.238			
30	1.8750	2.300			
31	1.9375	2.363			
32	2.0000	2.425			
33	2.0625	2.488			
34	2.1250	2.550			
35	2.1875	2.613			
36	2.2500	2.675			
37	2.3125	2.738			
38	2.3750	2.800			
39	2.4375	2.863			
40	2.5000	2.925			
41	2.5625	2.988			
42	2.6250	3.050			
43	2.6875	3.113			
44	2.7500	3.175			



1/4-28 - UNJF 3A

NAS1304 & NAS6604 - 4340 / 8740 STEEL

NAS6704 - A286 PYROMET - HI-TEMP

NAS6804 - 6AL4V TITANIUM

* - OPTIONAL DRILLED HEAD/SHANK

FOR DIMENSIONAL REFERENCE ONLY

RACEFAST SUPPLY - NAS LONG THREAD LENGTH MOTORSPORTS APPLICATION HEX BOLTS

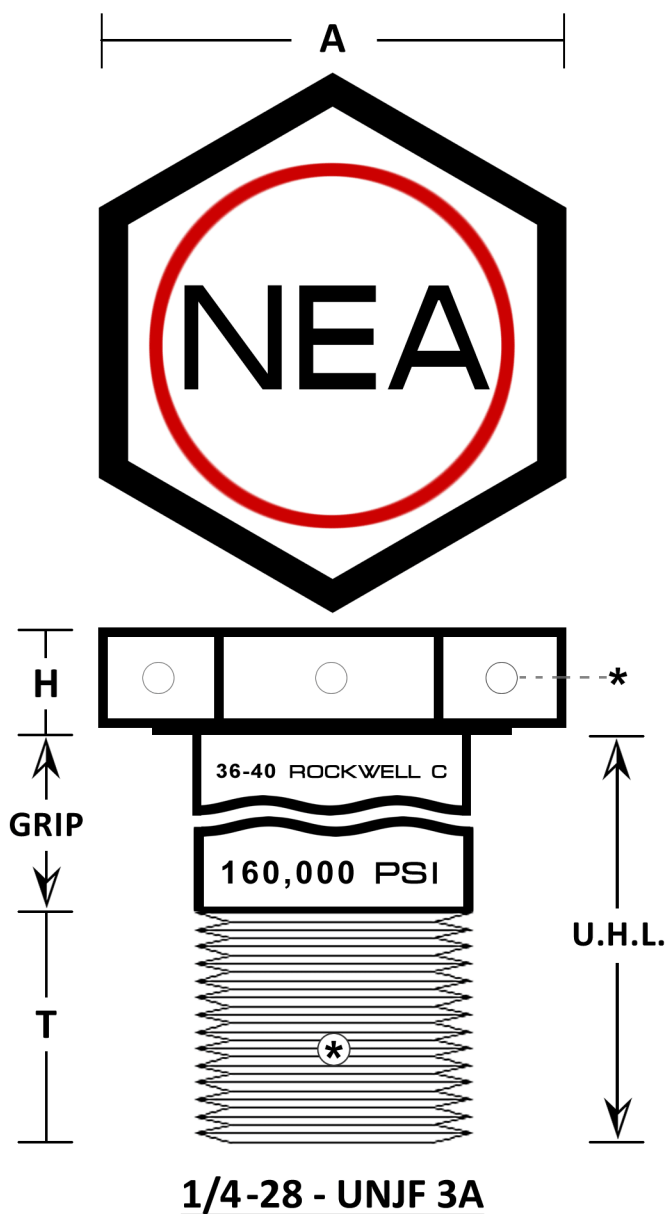
NORTHEAST AEROSPACE

REFERENCE CHART: NAS1304 / NAS6604 / NAS6704 / NAS6804

Sheet 2 of 2

DASH #	GRIP	UNDER HEAD LENGTH	THREAD LENGTH [T]	WRENCH SIZE [A]	HEAD HEIGHT [H]
45	2.8125	3.238	.425	7/16"	.125
46	2.8750	3.300			
47	2.9375	3.363			
48	3.0000	3.425			
49	3.0625	3.488			
50	3.1250	3.550			
51	3.1875	3.613			
52	3.2500	3.675			
53	3.3125	3.738			
54	3.3750	3.800			
55	3.4375	3.863			
56	3.5000	3.925			
57	3.5625	3.988			
58	3.6250	4.050			
59	3.6875	4.113			
60	3.7500	4.175			
61	3.8125	4.238			
62	3.8750	4.300			
63	3.9375	4.363			
64	4.0000	4.425			
65	4.0625	4.488			
66	4.1250	4.550			
67	4.1875	4.613			
68	4.2500	4.675			
69	4.3125	4.738			
70	4.3750	4.800			
71	4.4375	4.863			
72	4.5000	4.925			
73	4.5625	4.988			
74	4.6250	5.050			
75	4.6875	5.113			
76	4.7500	5.175			
77	4.8125	5.238			
78	4.8750	5.300			
79	4.9375	5.363			
80	5.0000	5.425			
81	5.0625	5.488			
82	5.1250	5.550			
83	5.1875	5.613			
84	5.2500	5.675			
85	5.3125	5.738			
86	5.3750	5.800			
87	5.4375	5.863			
88	5.5000	5.925			

PLEASE ENQUIRE FOR LONGER LENGTHS



NAS1304 & NAS6604 - 4340 / 8740 STEEL

NAS6704 - A286 PYROMET - HI-TEMP

NAS6804 - 6AL4V TITANIUM

* - OPTIONAL DRILLED HEAD/SHANK

FOR DIMENSIONAL REFERENCE ONLY

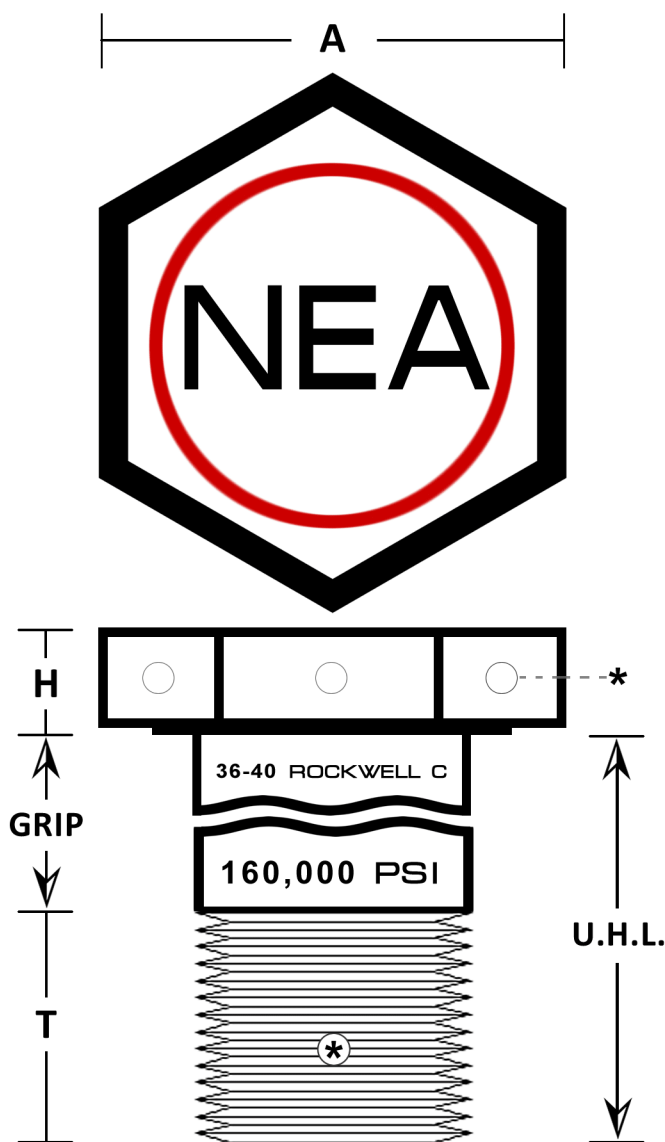
RACEFAST SUPPLY - NAS LONG THREAD LENGTH MOTORSPORTS APPLICATION HEX BOLTS

NORTHEAST AEROSPACE

REFERENCE CHART: NAS1305 / NAS6605 / NAS6705 / NAS6805

Sheet 1 of 2

DASH #	GRIP	UNDER HEAD LENGTH	THREAD LENGTH [T]	WRENCH SIZE [A]	HEAD HEIGHT [H]
1	.0625	.532	.469	1/2"	.156
2	.1250	.594			
3	.1875	.657			
4	.2500	.719			
5	.3125	.782			
6	.3750	.844			
7	.4375	.907			
8	.5000	.969			
9	.5625	1.032			
10	.6250	1.094			
11	.6875	1.157			
12	.7500	1.219			
13	.8125	1.282			
14	.8750	1.344			
15	.9375	1.407			
16	1.0000	1.469			
17	1.0625	1.532			
18	1.1250	1.594			
19	1.1875	1.657			
20	1.2500	1.719			
21	1.3125	1.782			
22	1.3750	1.844			
23	1.4375	1.907			
24	1.5000	1.969			
25	1.5625	2.032			
26	1.6250	2.094			
27	1.6875	2.157			
28	1.7500	2.219			
29	1.8125	2.282			
30	1.8750	2.344			
31	1.9375	2.407			
32	2.0000	2.469			
33	2.0625	2.532			
34	2.1250	2.594			
35	2.1875	2.657			
36	2.2500	2.719			
37	2.3125	2.782			
38	2.3750	2.844			
39	2.4375	2.907			
40	2.5000	2.969			
41	2.5625	3.032			
42	2.6250	3.094			
43	2.6875	3.157			
44	2.7500	3.219			



5/16-24 - UNJF 3A

NAS1305 & NAS6605 - 4340 / 8740 STEEL

NAS6705 - A286 PYROMET - HI-TEMP

NAS6805 - 6AL4V TITANIUM

* - OPTIONAL DRILLED HEAD/SHANK

FOR DIMENSIONAL REFERENCE ONLY

RACEFAST SUPPLY - NAS LONG THREAD LENGTH MOTORSPORTS APPLICATION HEX BOLTS

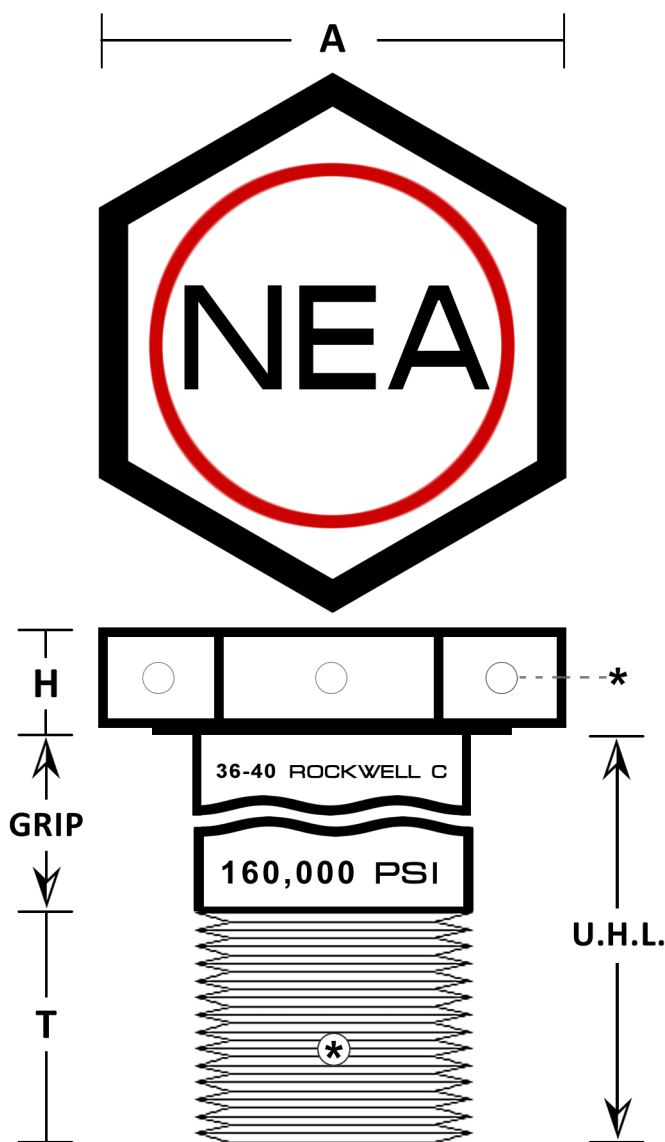
NORTHEAST AEROSPACE

REFERENCE CHART: NAS1305 / NAS6605 / NAS6705 / NAS6805

Sheet 2 of 2

DASH #	GRIP	UNDER HEAD LENGTH	THREAD LENGTH [T]	WRENCH SIZE [A]	HEAD HEIGHT [H]
45	2.8125	3.282	.469	1/2"	.156
46	2.8750	3.344			
47	2.9375	3.407			
48	3.0000	3.469			
49	3.0625	3.532			
50	3.1250	3.594			
51	3.1875	3.657			
52	3.2500	3.719			
53	3.3125	3.782			
54	3.3750	3.844			
55	3.4375	3.907			
56	3.5000	3.969			
57	3.5625	4.032			
58	3.6250	4.094			
59	3.6875	4.157			
60	3.7500	4.219			
61	3.8125	4.282			
62	3.8750	4.344			
63	3.9375	4.407			
64	4.0000	4.469			
65	4.0625	4.532			
66	4.1250	4.594			
67	4.1875	4.657			
68	4.2500	4.719			
69	4.3125	4.782			
70	4.3750	4.844			
71	4.4375	4.907			
72	4.5000	4.969			
73	4.5625	5.032			
74	4.6250	5.094			
75	4.6875	5.157			
76	4.7500	5.219			
77	4.8125	5.282			
78	4.8750	5.344			
79	4.9375	5.407			
80	5.0000	5.469			
81	5.0625	5.532			
82	5.1250	5.594			
83	5.1875	5.657			
84	5.2500	5.719			
85	5.3125	5.782			
86	5.3750	5.844			
87	5.4375	5.907			
88	5.5000	5.969			

PLEASE ENQUIRE FOR LONGER LENGTHS



5/16-24 - UNJF 3A

NAS1305 & NAS6605 - 4340 / 8740 STEEL

NAS6705 - A286 PYROMET - HI-TEMP

NAS6805 - 6AL4V TITANIUM

* - OPTIONAL DRILLED HEAD/SHANK

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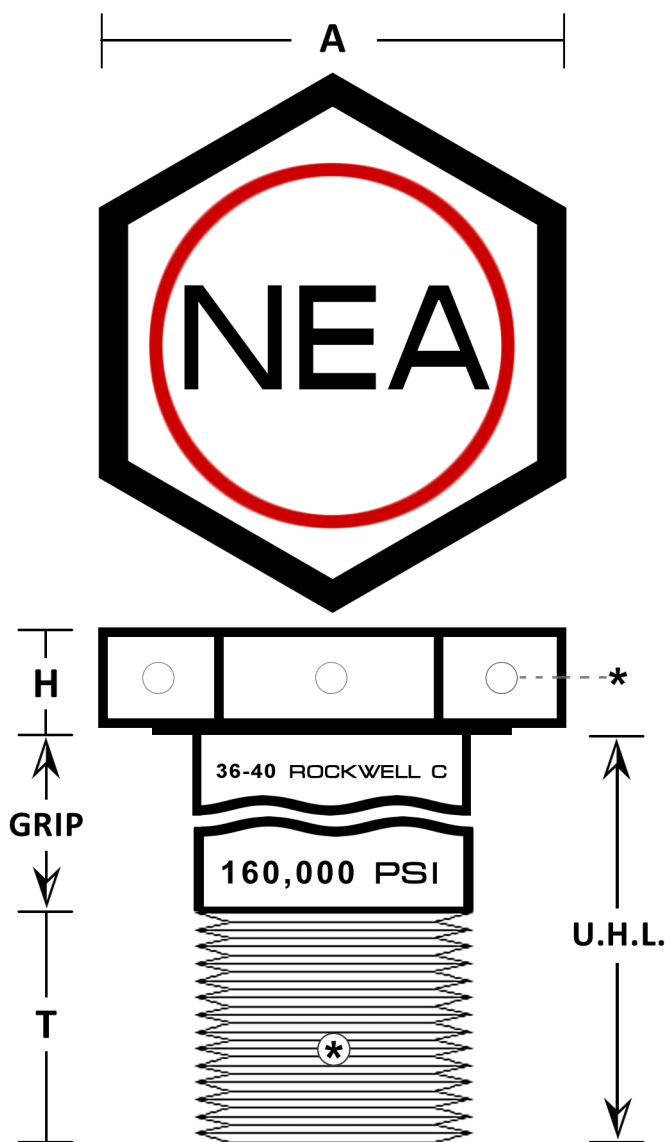
RACEFAST SUPPLY - NAS LONG THREAD LENGTH MOTORSPORTS APPLICATION HEX BOLTS

NORTHEAST AEROSPACE

REFERENCE CHART: NAS1306 / NAS6606 / NAS6706 / NAS6806

Sheet 1 of 2

DASH #	GRIP	UNDER HEAD LENGTH	THREAD LENGTH [T]	WRENCH SIZE [A]	HEAD HEIGHT [H]
1	.0625	.641	.578	9/16"	.188
2	.1250	.703			
3	.1875	.766			
4	.2500	.828			
5	.3125	.891			
6	.3750	.953			
7	.4375	1.016			
8	.5000	1.078			
9	.5625	1.141			
10	.6250	1.203			
11	.6875	1.266			
12	.7500	1.328			
13	.8125	1.391			
14	.8750	1.453			
15	.9375	1.516			
16	1.0000	1.578			
17	1.0625	1.641			
18	1.1250	1.703			
19	1.1875	1.766			
20	1.2500	1.828			
21	1.3125	1.891			
22	1.3750	1.953			
23	1.4375	2.016			
24	1.5000	2.078			
25	1.5625	2.141			
26	1.6250	2.203			
27	1.6875	2.266			
28	1.7500	2.328			
29	1.8125	2.391			
30	1.8750	2.453			
31	1.9375	2.516			
32	2.0000	2.578			
33	2.0625	2.641			
34	2.1250	2.703			
35	2.1875	2.766			
36	2.2500	2.828			
37	2.3125	2.891			
38	2.3750	2.953			
39	2.4375	3.016			
40	2.5000	3.078			
41	2.5625	3.141			
42	2.6250	3.203			
43	2.6875	3.266			
44	2.7500	3.328			



3/8-24 - UNJF 3A

NAS1306 & NAS6606 - 4340 / 8740 STEEL

NAS6706 - A286 PYROMET - HI-TEMP

NAS6806 - 6AL4V TITANIUM

* - OPTIONAL DRILLED HEAD/SHANK

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RACEFAST SUPPLY - NAS LONG THREAD LENGTH MOTORSPORTS APPLICATION HEX BOLTS

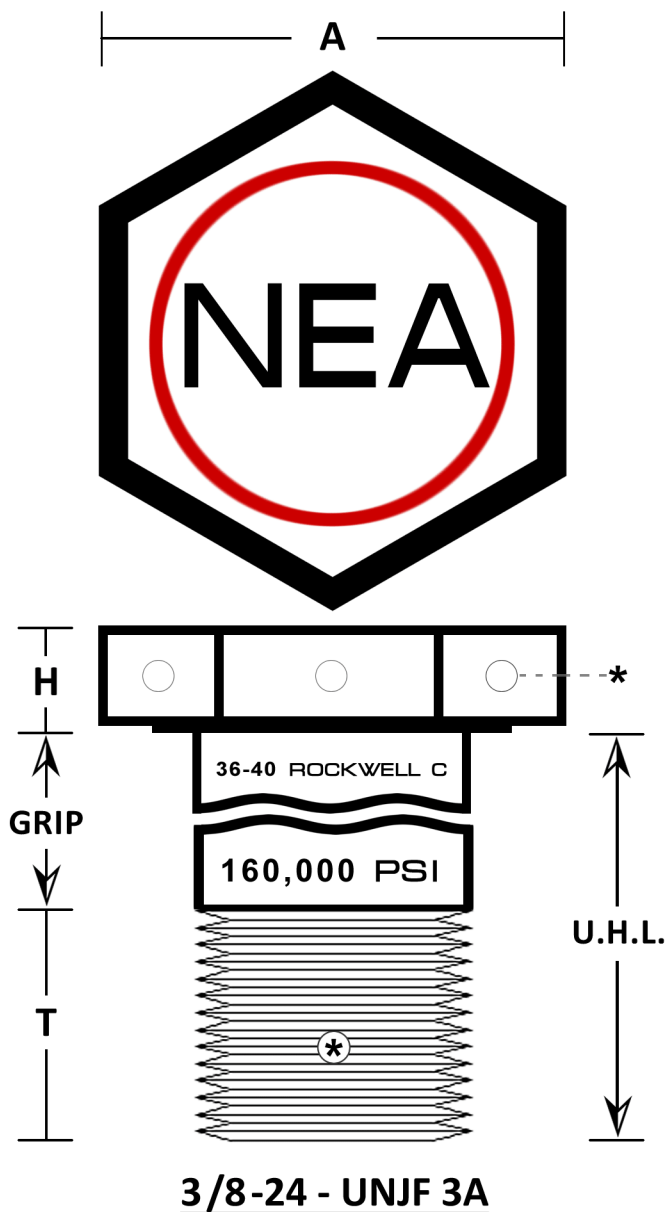
NORTHEAST AEROSPACE

REFERENCE CHART: NAS1306 / NAS6606 / NAS6706 / NAS6806

Sheet 2 of 2

DASH #	GRIP	UNDER HEAD LENGTH	THREAD LENGTH [T]	WRENCH SIZE [A]	HEAD HEIGHT [H]
45	2.8125	3.391	.578	9/16"	.188
46	2.8750	3.453			
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48	3.0000	3.578			
49	3.0625	3.641			
50	3.1250	3.703			
51	3.1875	3.766			
52	3.2500	3.828			
53	3.3125	3.891			
54	3.3750	3.953			
55	3.4375	4.016			
56	3.5000	4.078			
57	3.5625	4.141			
58	3.6250	4.203			
59	3.6875	4.266			
60	3.7500	4.328			
61	3.8125	4.391			
62	3.8750	4.453			
63	3.9375	4.516			
64	4.0000	4.578			
65	4.0625	4.641			
66	4.1250	4.703			
67	4.1875	4.766			
68	4.2500	4.828			
69	4.3125	4.891			
70	4.3750	4.953			
71	4.4375	5.016			
72	4.5000	5.078			
73	4.5625	5.141			
74	4.6250	5.203			
75	4.6875	5.266			
76	4.7500	5.328			
77	4.8125	5.391			
78	4.8750	5.453			
79	4.9375	5.516			
80	5.0000	5.578			
81	5.0625	5.641			
82	5.1250	5.703			
83	5.1875	5.766			
84	5.2500	5.828			
85	5.3125	5.891			
86	5.3750	5.953			
87	5.4375	6.016			
88	5.5000	6.078			

PLEASE ENQUIRE FOR LONGER LENGTHS



NAS1306 & NAS6606 - 4340 / 8740 STEEL

NAS6706 - A286 PYROMET - HI-TEMP

NAS6806 - 6AL4V TITANIUM

* - OPTIONAL DRILLED HEAD/SHANK

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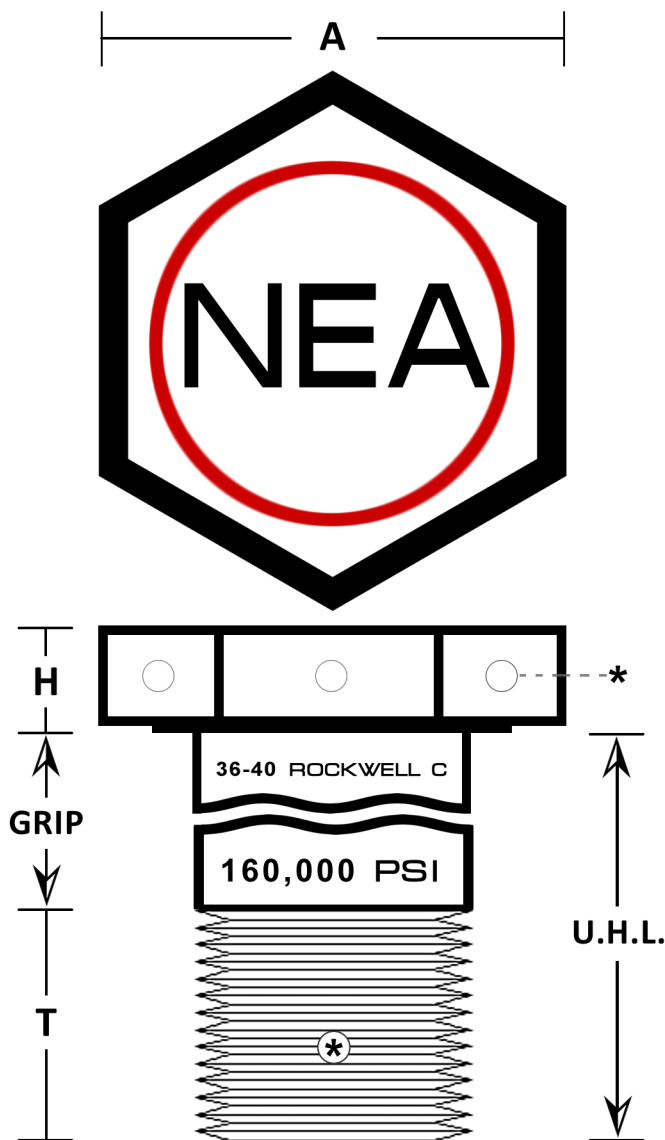
RACEFAST SUPPLY - NAS LONG THREAD LENGTH MOTORSPORTS APPLICATION HEX BOLTS

NORTHEAST AEROSPACE

REFERENCE CHART: NAS1307 / NAS6607 / NAS6707 / NAS6807

Sheet 1 of 2

DASH #	GRIP	UNDER HEAD LENGTH	THREAD LENGTH [T]	WRENCH SIZE [A]	HEAD HEIGHT [H]
1	.0625	.757	.694	11/16"	.219
2	.1250	.819			
3	.1875	.882			
4	.2500	.944			
5	.3125	1.007			
6	.3750	1.069			
7	.4375	1.132			
8	.5000	1.194			
9	.5625	1.257			
10	.6250	1.319			
11	.6875	1.382			
12	.7500	1.444			
13	.8125	1.507			
14	.8750	1.569			
15	.9375	1.632			
16	1.0000	1.694			
17	1.0625	1.757			
18	1.1250	1.819			
19	1.1875	1.882			
20	1.2500	1.944			
21	1.3125	2.007			
22	1.3750	2.069			
23	1.4375	2.132			
24	1.5000	2.194			
25	1.5625	2.257			
26	1.6250	2.319			
27	1.6875	2.382			
28	1.7500	2.444			
29	1.8125	2.507			
30	1.8750	2.569			
31	1.9375	2.632			
32	2.0000	2.694			
33	2.0625	2.757			
34	2.1250	2.819			
35	2.1875	2.882			
36	2.2500	2.944			
37	2.3125	3.007			
38	2.3750	3.069			
39	2.4375	3.132			
40	2.5000	3.194			
41	2.5625	3.257			
42	2.6250	3.319			
43	2.6875	3.382			
44	2.7500	3.444			



7/16-20 - UNJF 3A

NAS1307 & NAS6607 - 4340 / 8740 STEEL

NAS6707 - A286 PYROMET - HI-TEMP

NAS6807 - 6AL4V TITANIUM

* - OPTIONAL DRILLED HEAD/SHANK

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* FOR NAS1307 ONLY: SUBTRACT .100 FROM THE T & U.H.L. DIMENSIONS *

RACEFAST SUPPLY - NAS LONG THREAD LENGTH MOTORSPORTS APPLICATION HEX BOLTS

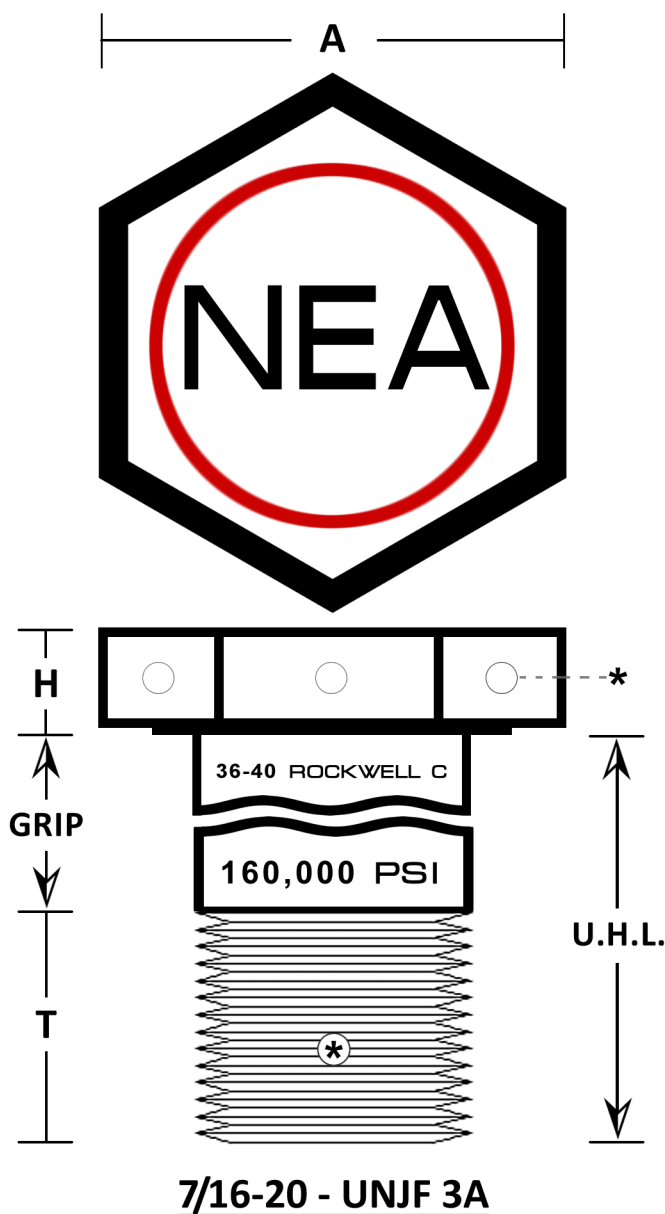
NORTHEAST AEROSPACE

REFERENCE CHART: NAS1307 / NAS6607 / NAS6707 / NAS6807

Sheet 2 of 2

DASH #	GRIP	UNDER HEAD LENGTH	THREAD LENGTH [T]	WRENCH SIZE [A]	HEAD HEIGHT [H]
45	2.8125	3.507	.694	11/16"	.219
46	2.8750	3.569			
47	2.9375	3.632			
48	3.0000	3.694			
49	3.0625	3.757			
50	3.1250	3.819			
51	3.1875	3.882			
52	3.2500	3.944			
53	3.3125	4.007			
54	3.3750	4.069			
55	3.4375	4.132			
56	3.5000	4.194			
57	3.5625	4.257			
58	3.6250	4.319			
59	3.6875	4.382			
60	3.7500	4.444			
61	3.8125	4.507			
62	3.8750	4.569			
63	3.9375	4.632			
64	4.0000	4.694			
65	4.0625	4.757			
66	4.1250	4.819			
67	4.1875	4.882			
68	4.2500	4.944			
69	4.3125	5.007			
70	4.3750	5.069			
71	4.4375	5.132			
72	4.5000	5.194			
73	4.5625	5.257			
74	4.6250	5.319			
75	4.6875	5.382			
76	4.7500	5.444			
77	4.8125	5.507			
78	4.8750	5.569			
79	4.9375	5.632			
80	5.0000	5.694			
81	5.0625	5.757			
82	5.1250	5.819			
83	5.1875	5.882			
84	5.2500	5.944			
85	5.3125	6.007			
86	5.3750	6.069			
87	5.4375	6.132			
88	5.5000	6.194			

PLEASE ENQUIRE FOR LONGER LENGTHS



NAS1307 & NAS6607 - 4340 / 8740 STEEL

NAS6707 - A286 PYROMET - HI-TEMP

NAS6807 - 6AL4V TITANIUM

* - OPTIONAL DRILLED HEAD/SHANK

FOR DIMENSIONAL REFERENCE ONLY

* FOR NAS1307 ONLY: SUBTRACT .100 FROM THE T & U.H.L. DIMENSIONS *

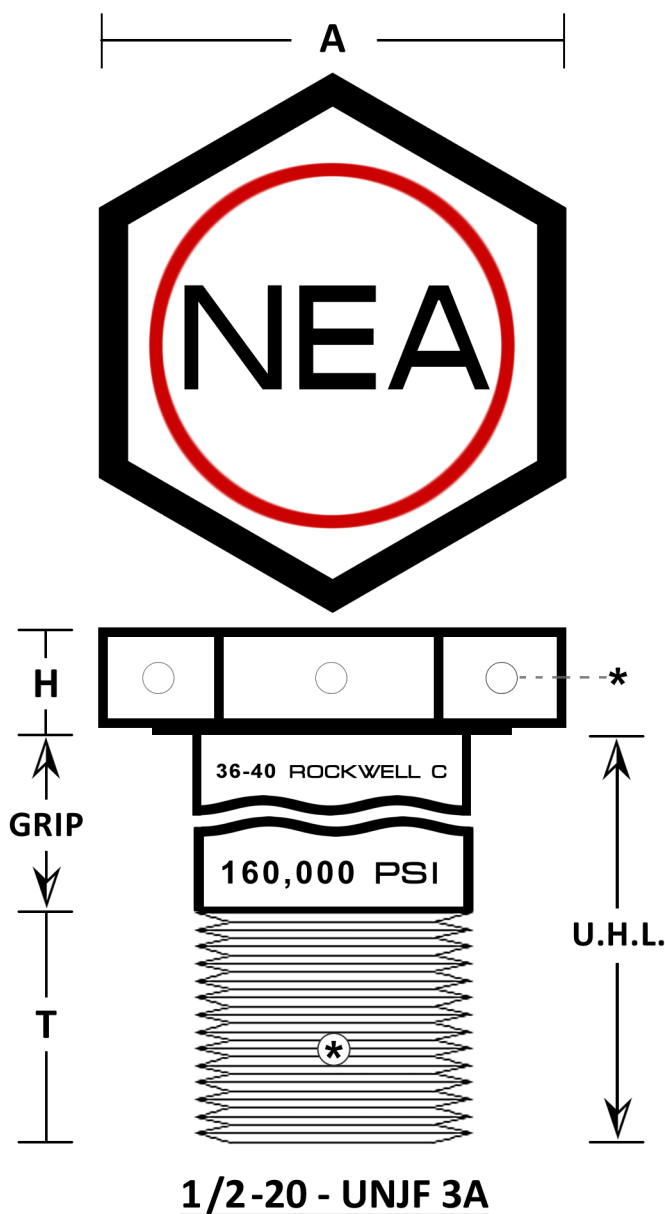
RACEFAST SUPPLY - NAS LONG THREAD LENGTH MOTORSPORTS APPLICATION HEX BOLTS

NORTHEAST AEROSPACE

REFERENCE CHART: NAS1308 / NAS6608 / NAS6708 / NAS6808

Sheet 1 of 2

DASH #	GRIP	UNDER HEAD LENGTH	THREAD LENGTH [T]	WRENCH SIZE [A]	HEAD HEIGHT [H]
1	.0625	.808	.745	3/4"	.250
2	.1250	.870			
3	.1875	.933			
4	.2500	.995			
5	.3125	1.058			
6	.3750	1.120			
7	.4375	1.183			
8	.5000	1.245			
9	.5625	1.308			
10	.6250	1.370			
11	.6875	1.433			
12	.7500	1.495			
13	.8125	1.558			
14	.8750	1.620			
15	.9375	1.683			
16	1.0000	1.745			
17	1.0625	1.808			
18	1.1250	1.870			
19	1.1875	1.933			
20	1.2500	1.995			
21	1.3125	2.058			
22	1.3750	2.120			
23	1.4375	2.183			
24	1.5000	2.245			
25	1.5625	2.308			
26	1.6250	2.370			
27	1.6875	2.433			
28	1.7500	2.495			
29	1.8125	2.558			
30	1.8750	2.620			
31	1.9375	2.683			
32	2.0000	2.745			
33	2.0625	2.808			
34	2.1250	2.870			
35	2.1875	2.933			
36	2.2500	2.995			
37	2.3125	3.058			
38	2.3750	3.120			
39	2.4375	3.183			
40	2.5000	3.245			
41	2.5625	3.308			
42	2.6250	3.370			
43	2.6875	3.433			
44	2.7500	3.495			



NAS1308 & NAS6608 - 4340 / 8740 STEEL

NAS6708 - A286 PYROMET - HI-TEMP

NAS6808 - 6AL4V TITANIUM

* - OPTIONAL DRILLED HEAD/SHANK

FOR DIMENSIONAL REFERENCE ONLY

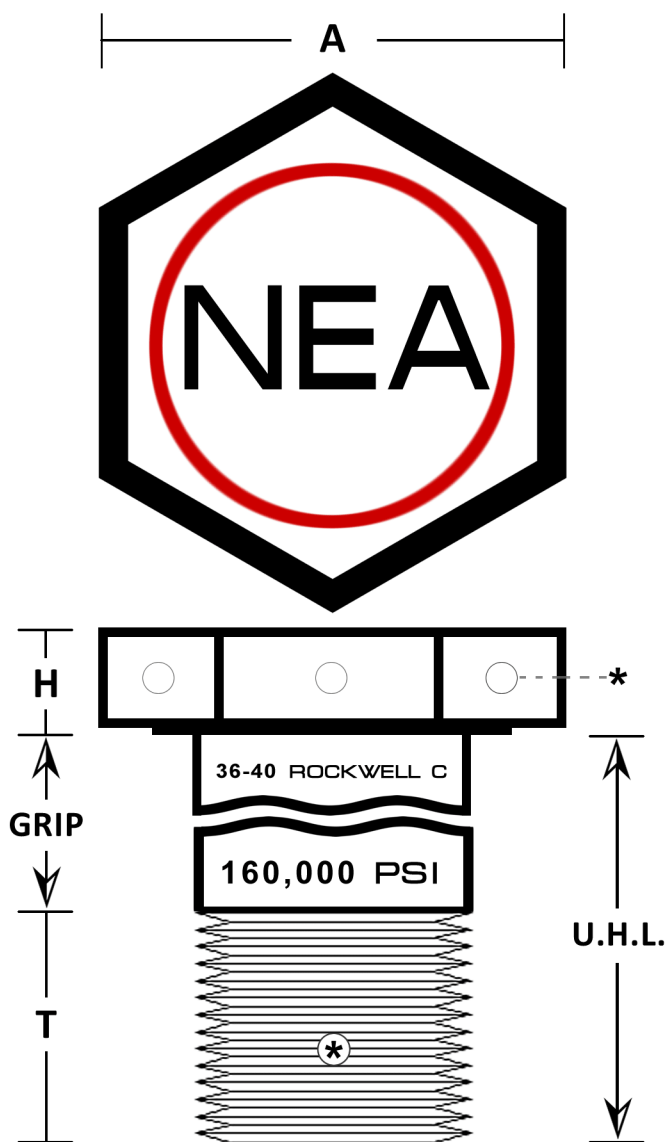
RACEFAST SUPPLY - NAS LONG THREAD LENGTH MOTORSPORTS APPLICATION HEX BOLTS

NORTHEAST AEROSPACE

REFERENCE CHART: NAS1308 / NAS6608 / NAS6708 / NAS6808

Sheet 2 of 2

DASH #	GRIP	UNDER HEAD LENGTH	THREAD LENGTH [T]	WRENCH SIZE [A]	HEAD HEIGHT [H]
45	2.8125	3.558	.745	3/4"	.250
46	2.8750	3.620			
47	2.9375	3.683			
48	3.0000	3.745			
49	3.0625	3.808			
50	3.1250	3.870			
51	3.1875	3.933			
52	3.2500	3.995			
53	3.3125	4.058			
54	3.3750	4.120			
55	3.4375	4.183			
56	3.5000	4.245			
57	3.5625	4.308			
58	3.6250	4.370			
59	3.6875	4.433			
60	3.7500	4.495			
61	3.8125	4.558			
62	3.8750	4.620			
63	3.9375	4.683			
64	4.0000	4.745			
65	4.0625	4.808			
66	4.1250	4.870			
67	4.1875	4.933			
68	4.2500	4.995			
69	4.3125	5.058			
70	4.3750	5.120			
71	4.4375	5.183			
72	4.5000	5.245			
73	4.5625	5.308			
74	4.6250	5.370			
75	4.6875	5.433			
76	4.7500	5.495			
77	4.8125	5.558			
78	4.8750	5.620			
79	4.9375	5.683			
80	5.0000	5.745			
81	5.0625	5.808			
82	5.1250	5.870			
83	5.1875	5.933			
84	5.2500	5.995			
85	5.3125	6.058			
86	5.3750	6.120			
87	5.4375	6.183			
88	5.5000	6.245			



1/2-20 - UNJF 3A

NAS1308 & NAS6608 - 4340 / 8740 STEEL

NAS6708 - A286 PYROMET - HI-TEMP

NAS6808 - 6AL4V TITANIUM

* - OPTIONAL DRILLED HEAD/SHANK

FOR DIMENSIONAL REFERENCE ONLY

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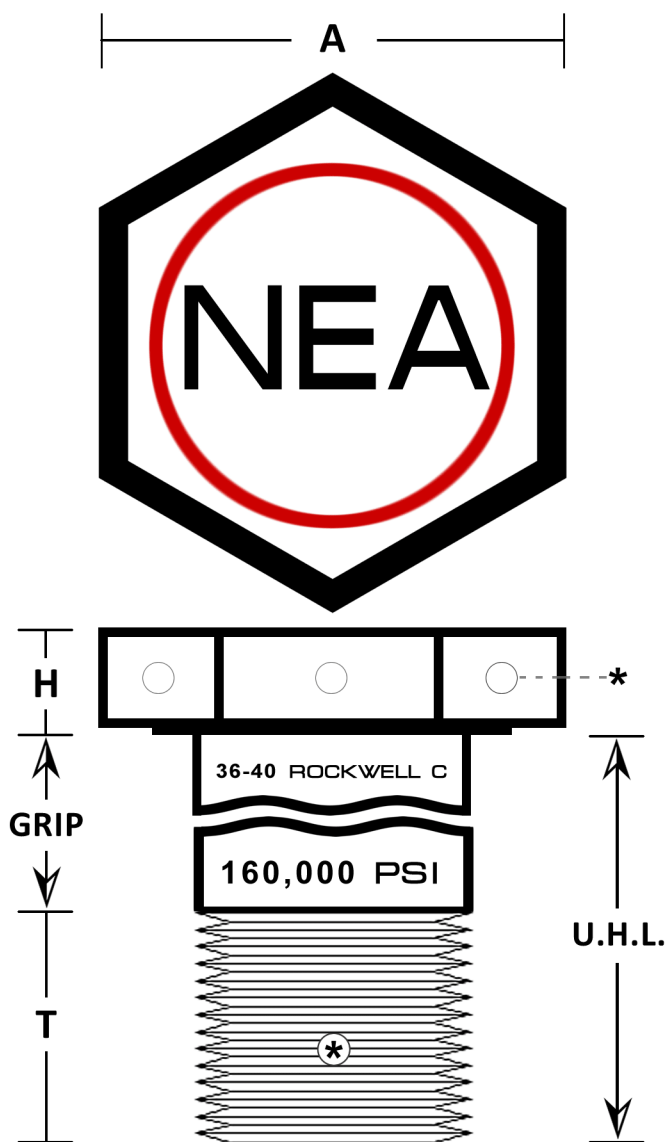
RACEFAST SUPPLY - NAS LONG THREAD LENGTH MOTORSPORTS APPLICATION HEX BOLTS

NORTHEAST AEROSPACE

REFERENCE CHART: NAS1309 / NAS6609 / NAS6709 / NAS6809

Sheet 1 of 2

DASH #	GRIP	UNDER HEAD LENGTH	THREAD LENGTH [T]	WRENCH SIZE [A]	HEAD HEIGHT [H]
1	.0625	.903	.840	7/8"	.281
2	.1250	.965			
3	.1875	1.028			
4	.2500	1.090			
5	.3125	1.153			
6	.3750	1.215			
7	.4375	1.278			
8	.5000	1.340			
9	.5625	1.403			
10	.6250	1.465			
11	.6875	1.528			
12	.7500	1.590			
13	.8125	1.653			
14	.8750	1.715			
15	.9375	1.778			
16	1.0000	1.840			
17	1.0625	1.903			
18	1.1250	1.965			
19	1.1875	2.028			
20	1.2500	2.090			
21	1.3125	2.153			
22	1.3750	2.215			
23	1.4375	2.278			
24	1.5000	2.340			
25	1.5625	2.403			
26	1.6250	2.465			
27	1.6875	2.528			
28	1.7500	2.590			
29	1.8125	2.653			
30	1.8750	2.715			
31	1.9375	2.778			
32	2.0000	2.840			
33	2.0625	2.903			
34	2.1250	2.965			
35	2.1875	3.028			
36	2.2500	3.090			
37	2.3125	3.153			
38	2.3750	3.215			
39	2.4375	3.278			
40	2.5000	3.340			
41	2.5625	3.403			
42	2.6250	3.465			
43	2.6875	3.528			
44	2.7500	3.590			



9/16-18 - UNJF 3A

NAS1309 & NAS6609 - 4340 / 8740 STEEL

NAS6709 - A286 PYROMET - HI-TEMP

NAS6809 - 6AL4V TITANIUM

* - OPTIONAL DRILLED HEAD/SHANK

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RACEFAST SUPPLY - NAS LONG THREAD LENGTH MOTORSPORTS APPLICATION HEX BOLTS

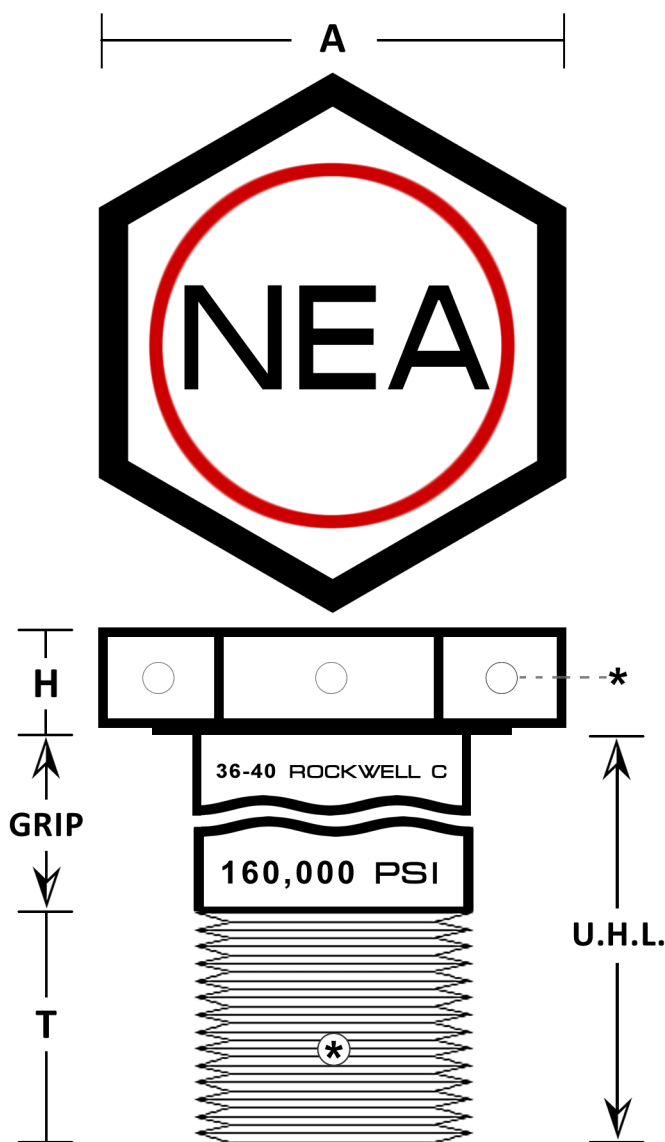
NORTHEAST AEROSPACE

REFERENCE CHART: NAS1309 / NAS6609 / NAS6709 / NAS6809

Sheet 2 of 2

DASH #	GRIP	UNDER HEAD LENGTH	THREAD LENGTH [T]	WRENCH SIZE [A]	HEAD HEIGHT [H]
45	2.8125	3.653	.840	7/8"	.281
46	2.8750	3.715			
47	2.9375	3.778			
48	3.0000	3.840			
49	3.0625	3.903			
50	3.1250	3.965			
51	3.1875	4.028			
52	3.2500	4.090			
53	3.3125	4.153			
54	3.3750	4.215			
55	3.4375	4.278			
56	3.5000	4.340			
57	3.5625	4.403			
58	3.6250	4.465			
59	3.6875	4.528			
60	3.7500	4.590			
61	3.8125	4.653			
62	3.8750	4.715			
63	3.9375	4.778			
64	4.0000	4.840			
65	4.0625	4.903			
66	4.1250	4.965			
67	4.1875	5.028			
68	4.2500	5.090			
69	4.3125	5.153			
70	4.3750	5.215			
71	4.4375	5.278			
72	4.5000	5.340			
73	4.5625	5.403			
74	4.6250	5.465			
75	4.6875	5.528			
76	4.7500	5.590			
77	4.8125	5.653			
78	4.8750	5.715			
79	4.9375	5.778			
80	5.0000	5.840			
81	5.0625	5.903			
82	5.1250	5.965			
83	5.1875	6.028			
84	5.2500	6.090			
85	5.3125	6.153			
86	5.3750	6.215			
87	5.4375	6.278			
88	5.5000	6.340			

PLEASE ENQUIRE FOR LONGER LENGTHS



9/16-18 - UNJF 3A

NAS1309 & NAS6609 - 4340 / 8740 STEEL

NAS6709 - A286 PYROMET - HI-TEMP

NAS6809 - 6AL4V TITANIUM

* - OPTIONAL DRILLED HEAD/SHANK

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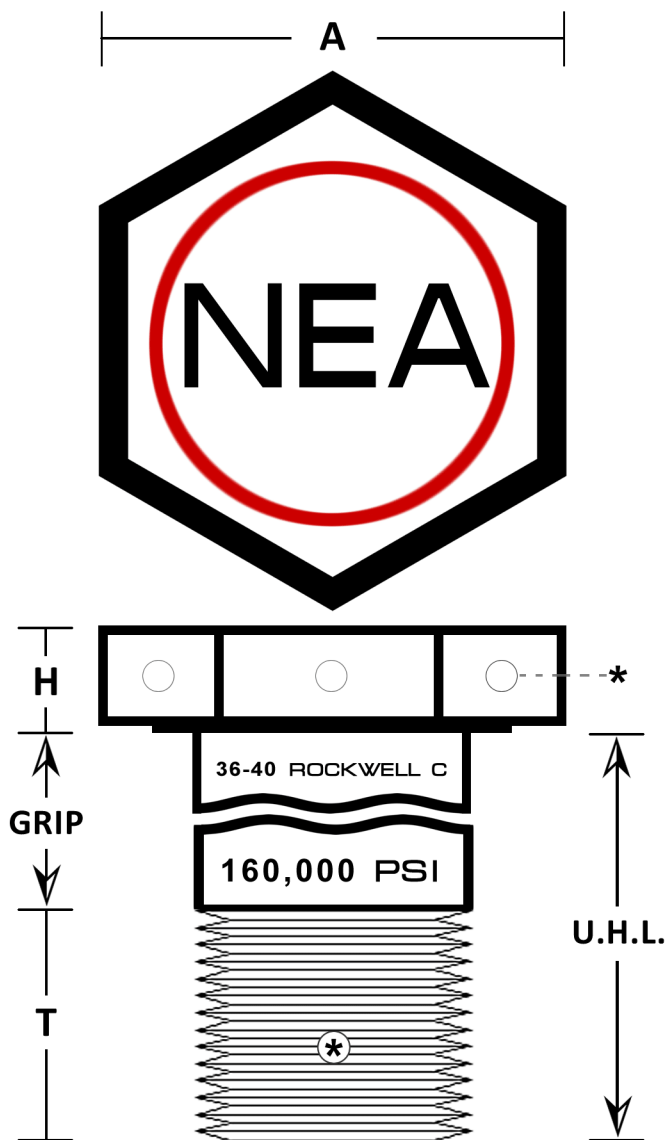
RACEFAST SUPPLY - NAS LONG THREAD LENGTH MOTORSPORTS APPLICATION HEX BOLTS

NORTHEAST AEROSPACE

REFERENCE CHART: NAS1310 / NAS6610 / NAS6710 / NAS6810

Sheet 1 of 2

DASH #	GRIP	UNDER HEAD LENGTH	THREAD LENGTH [T]	WRENCH SIZE [A]	HEAD HEIGHT [H]
1	.0625	.965	.902	15/16"	.312
2	.1250	1.027			
3	.1875	1.090			
4	.2500	1.152			
5	.3125	1.215			
6	.3750	1.277			
7	.4375	1.340			
8	.5000	1.402			
9	.5625	1.465			
10	.6250	1.527			
11	.6875	1.590			
12	.7500	1.652			
13	.8125	1.715			
14	.8750	1.777			
15	.9375	1.840			
16	1.0000	1.902			
17	1.0625	1.965			
18	1.1250	2.027			
19	1.1875	2.090			
20	1.2500	2.152			
21	1.3125	2.215			
22	1.3750	2.277			
23	1.4375	2.340			
24	1.5000	2.402			
25	1.5625	2.465			
26	1.6250	2.527			
27	1.6875	2.590			
28	1.7500	2.652			
29	1.8125	2.715			
30	1.8750	2.777			
31	1.9375	2.840			
32	2.0000	2.902			
33	2.0625	2.965			
34	2.1250	3.027			
35	2.1875	3.090			
36	2.2500	3.152			
37	2.3125	3.215			
38	2.3750	3.277			
39	2.4375	3.340			
40	2.5000	3.402			
41	2.5625	3.465			
42	2.6250	3.527			
43	2.6875	3.590			
44	2.7500	3.652			



5/8-18 - UNJF 3A

NAS1310 & NAS6610 - 4340 / 8740 STEEL

NAS6710 - A286 PYROMET - HI-TEMP

NAS6810 - 6AL4V TITANIUM

* - OPTIONAL DRILLED HEAD/SHANK

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RACEFAST SUPPLY - NAS LONG THREAD LENGTH MOTORSPORTS APPLICATION HEX BOLTS

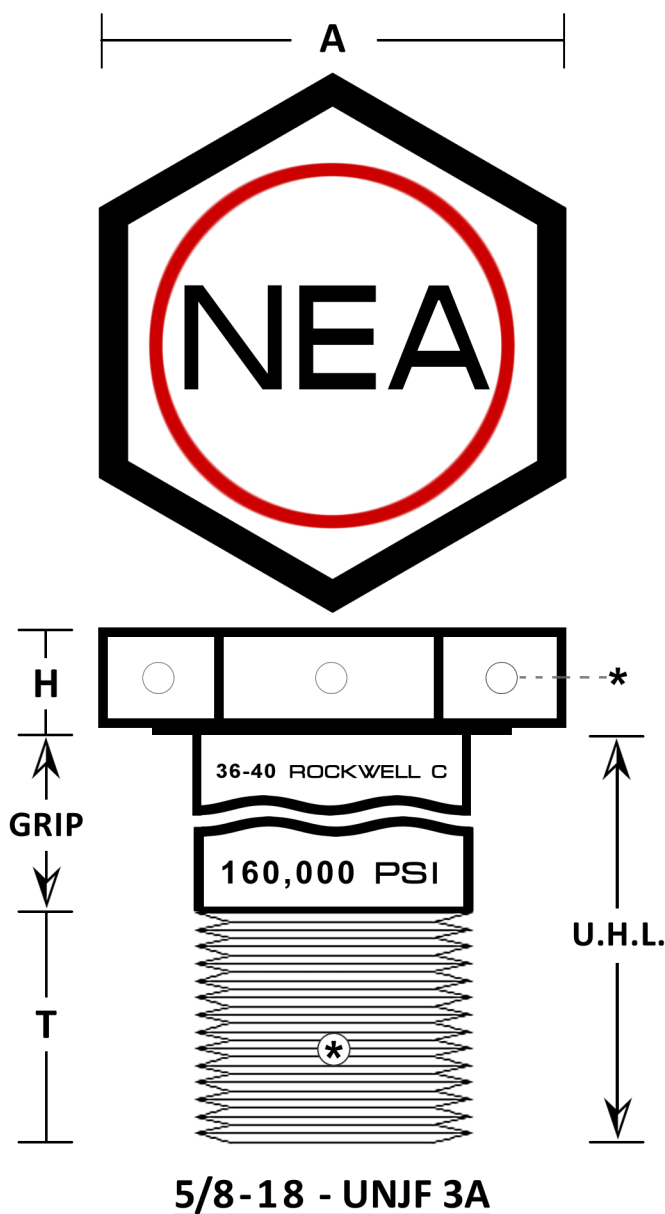
NORTHEAST AEROSPACE

REFERENCE CHART: NAS1310 / NAS6610 / NAS6710 / NAS6810

Sheet 2 of 2

DASH #	GRIP	UNDER HEAD LENGTH	THREAD LENGTH [T]	WRENCH SIZE [A]	HEAD HEIGHT [H]
45	2.8125	3.715	.902	15/16"	.312
46	2.8750	3.777			
47	2.9375	3.840			
48	3.0000	3.902			
49	3.0625	3.965			
50	3.1250	4.027			
51	3.1875	4.090			
52	3.2500	4.152			
53	3.3125	4.215			
54	3.3750	4.277			
55	3.4375	4.340			
56	3.5000	4.402			
57	3.5625	4.465			
58	3.6250	4.527			
59	3.6875	4.590			
60	3.7500	4.652			
61	3.8125	4.715			
62	3.8750	4.777			
63	3.9375	4.840			
64	4.0000	4.902			
65	4.0625	4.965			
66	4.1250	5.027			
67	4.1875	5.090			
68	4.2500	5.152			
69	4.3125	5.215			
70	4.3750	5.277			
71	4.4375	5.340			
72	4.5000	5.402			
73	4.5625	5.465			
74	4.6250	5.527			
75	4.6875	5.590			
76	4.7500	5.652			
77	4.8125	5.715			
78	4.8750	5.777			
79	4.9375	5.840			
80	5.0000	5.902			
81	5.0625	5.965			
82	5.1250	6.027			
83	5.1875	6.090			
84	5.2500	6.152			
85	5.3125	6.215			
86	5.3750	6.277			
87	5.4375	6.340			
88	5.5000	6.402			

PLEASE ENQUIRE FOR LONGER LENGTHS



NAS1310 & NAS6610 - 4340 / 8740 STEEL

NAS6710 - A286 PYROMET - HI-TEMP

NAS6810 - 6AL4V TITANIUM

* - OPTIONAL DRILLED HEAD/SHANK

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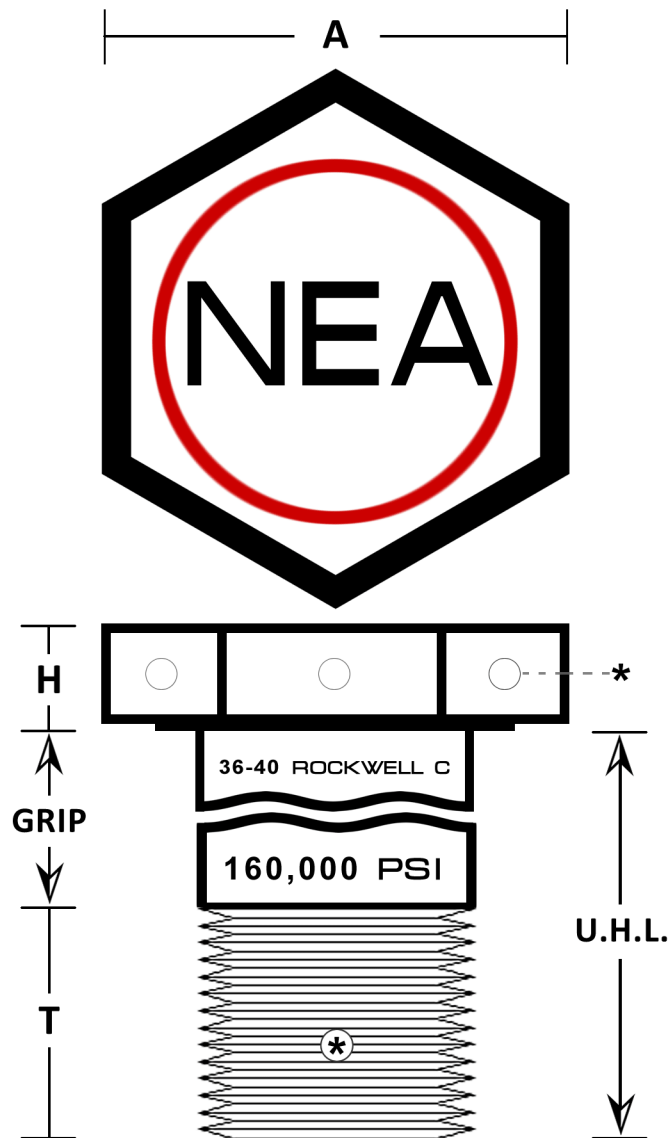
16

NORTHEAST AEROSPACE

REFERENCE CHART: NAS1312 / NAS6612 / NAS6712 / NAS6812

Sheet 1 of 2

DASH #	GRIP	UNDER HEAD LENGTH	THREAD LENGTH [T]	WRENCH SIZE [A]	HEAD HEIGHT [H]
1	.0625	1.104	1.041	1-1/16"	.375
2	.1250	1.166			
3	.1875	1.229			
4	.2500	1.291			
5	.3125	1.354			
6	.3750	1.416			
7	.4375	1.479			
8	.5000	1.541			
9	.5625	1.604			
10	.6250	1.666			
11	.6875	1.729			
12	.7500	1.791			
13	.8125	1.854			
14	.8750	1.916			
15	.9375	1.979			
16	1.0000	2.041			
17	1.0625	2.104			
18	1.1250	2.166			
19	1.1875	2.229			
20	1.2500	2.291			
21	1.3125	2.354			
22	1.3750	2.416			
23	1.4375	2.479			
24	1.5000	2.541			
25	1.5625	2.604			
26	1.6250	2.666			
27	1.6875	2.729			
28	1.7500	2.791			
29	1.8125	2.854			
30	1.8750	2.916			
31	1.9375	2.979			
32	2.0000	3.041			
33	2.0625	3.104			
34	2.1250	3.166			
35	2.1875	3.229			
36	2.2500	3.291			
37	2.3125	3.354			
38	2.3750	3.416			
39	2.4375	3.479			
40	2.5000	3.541			
41	2.5625	3.604			
42	2.6250	3.666			
43	2.6875	3.729			
44	2.7500	3.791			



3/4-16 - UNJF 3A

NAS1312 & NAS6612 - 4340 / 8740 STEEL

NAS6712 - A286 PYROMET - HI-TEMP

NAS6812 - 6AL4V TITANIUM

* - OPTIONAL DRILLED HEAD/SHANK

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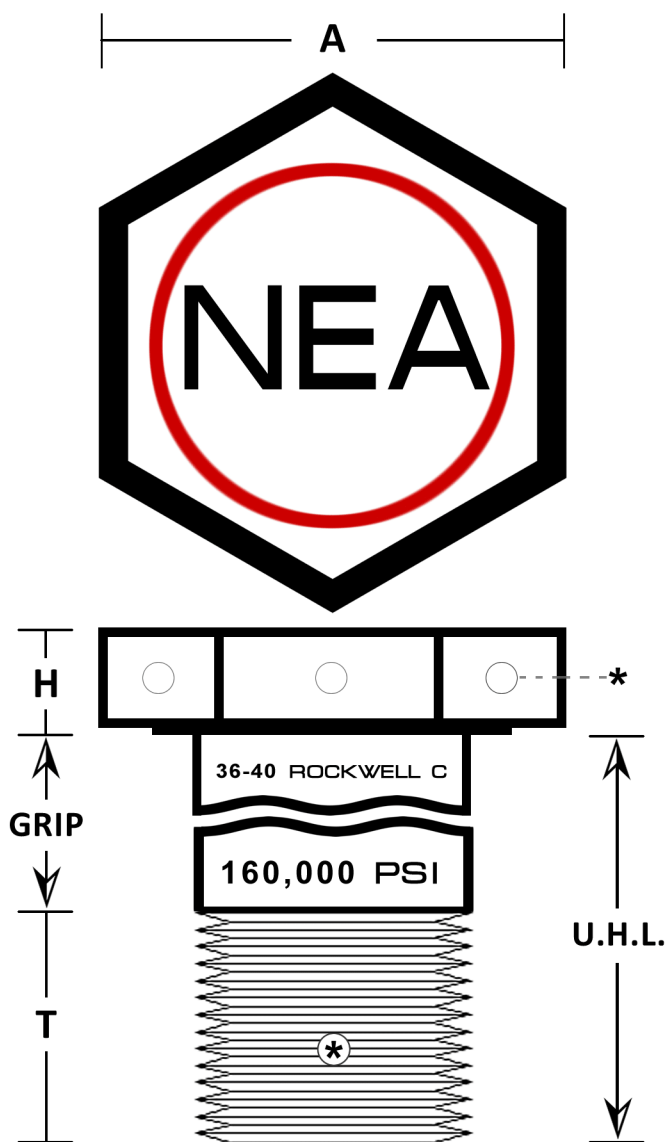
RACEFAST SUPPLY - NAS LONG THREAD LENGTH MOTORSPORTS APPLICATION HEX BOLTS

NORTHEAST AEROSPACE

REFERENCE CHART: NAS1312 / NAS6612 / NAS6712 / NAS6812

Sheet 2 of 2

DASH #	GRIP	UNDER HEAD LENGTH	THREAD LENGTH [T]	WRENCH SIZE [A]	HEAD HEIGHT [H]
45	2.8125	3.854	1.041	1-1/16"	.375
46	2.8750	3.916			
47	2.9375	3.979			
48	3.0000	4.041			
49	3.0625	4.104			
50	3.1250	4.166			
51	3.1875	4.229			
52	3.2500	4.291			
53	3.3125	4.354			
54	3.3750	4.416			
55	3.4375	4.479			
56	3.5000	4.541			
57	3.5625	4.604			
58	3.6250	4.666			
59	3.6875	4.729			
60	3.7500	4.791			
61	3.8125	4.854			
62	3.8750	4.916			
63	3.9375	4.979			
64	4.0000	5.041			
65	4.0625	5.104			
66	4.1250	5.166			
67	4.1875	5.229			
68	4.2500	5.291			
69	4.3125	5.354			
70	4.3750	5.416			
71	4.4375	5.479			
72	4.5000	5.541			
73	4.5625	5.604			
74	4.6250	5.666			
75	4.6875	5.729			
76	4.7500	5.791			
77	4.8125	5.854			
78	4.8750	5.916			
79	4.9375	5.979			
80	5.0000	6.041			
81	5.0625	6.104			
82	5.1250	6.166			
83	5.1875	6.229			
84	5.2500	6.291			
85	5.3125	6.354			
86	5.3750	6.416			
87	5.4375	6.479			
88	5.5000	6.541			



3/4-16 - UNJF 3A

NAS1312 & NAS6612 - 4340 / 8740 STEEL

NAS6712 - A286 PYROMET - HI-TEMP

NAS6812 - 6AL4V TITANIUM

* - OPTIONAL DRILLED HEAD/SHANK

FOR DIMENSIONAL REFERENCE ONLY

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