

# ASTRO TITANIUM LLC.

TITANIUM, ALUMIUM & STEEL FASTENERS  
 TITANIUM & ALUMIUM TORSION BAR STOPS  
 ANODIZED ALUM JAM NUTS & SPACERS

JET NUTS / FREE SPIN NUTS / NYLOCK NUTS & AN WASHERS

## TITANIUM HEX HEAD THROUGH BOLTS (10-32 )

P/N	DIA. UNF		LNG.	HEAD STYLE	GRIP	THREAD LNG.	RETAIL
AST 4305	10-32	X	1/2"	Hex	0	1/2"	\$2.93
AST 4306	10-32	X	5/8"	HEX	0	5/8"	\$3.51
AST 4307	10-32	X	3/4"	Hex	0	3/4"	\$3.51
AST 4310	10-32	X	1"	HEX	0	1"	\$3.90
AST 4311	10-32	X	1 1/8"	Hex	5/8"	1/2"	\$4.22
AST 4312	10-32	X	1 1/4"	Hex	3/4"	1/2"	\$4.35
AST 4313	10-32	X	1 3/8"	Hex	1 1/4"	1/4"	\$4.42
AST 4315	10-32	X	1 1/2"	Hex	1 1/8"	3/8"	\$4.55
AST 949 SS	10-32	X	1 1/2"	SHCS / HEX HEAD	11/8"	3/8"	\$0.72

## TITANIUM HEX HEAD THROUGH BOLTS ( 1/4" WITH 1/2" HEX )

**MANDATORY BY NHRA: HEAD SHIELD BOLTS FOR TOP FUEL CARS**

AST 54040	1/4-28	X	.400"	Hex	.100"	.300"	\$6.00
AST 54045	1/4-28	X	.450"	Hex	.100"	.350"	\$6.00

## TITANIUM HEX HEAD THROUGH BOLTS ( 1/4" )

P/N	DIA. UNF		LNG.	HEAD STYLE	GRIP	THREAD LNG.	
AST 5403	1/4-28	X	3/8"	Hex	0	3/8"	\$3.90
AST 5405	1/4-28	X	1/2"	Hex	0	1/2"	\$4.21
AST 5406	1/4-28	X	5/8"	Hex	0	5/8"	\$4.21
AST 5407	1/4-28	X	3/4"	Hex	0	3/4"	\$4.21
AST 5408	1/4-28	X	7/8"	Hex	0	7/8"	\$4.21
AST 5410	1/4-28	X	1"	Hex	0	1"	\$4.39
AST 5411	1/4-28	X	1 1/8"	Hex	1/2"	5/8"	\$4.55
AST 5412	1/4-28	X	1 1/4"	Hex	1/2"	3/4"	\$4.68
AST 5412 B	1/4-28	X	1 1/4"	Hex	1/8"	1 1/8"	\$4.68
AST 5413	1/4-28	X	1 3/8"	Hex	7/8"	1/2"	\$5.00
AST 5415	1/4-28	X	1 1/2"	Hex	1"	1/2"	\$5.27
AST 5416	1/4-28	X	1 5/8"	Hex	1"	5/8"	\$5.85
AST 5417	1/4-28	X	1 3/4"	Hex	1"	1/2"	\$6.32
AST 5417 B	1/4-28	X	13/4"	Hex	0	13/4"	\$6.32
AST 5418	1/4-28	X	1 7/8"	Hex	1"	7/8"	\$6.65
AST 5420	1/4-28	X	2"	Hex	1 1/4"	3/4"	\$7.02
AST 5422	1/4-28	X	2 1/4"	Hex	1 1/4"	1"	\$9.10
AST 5426	1/4-28	X	2 1/2"	Hex	1 1/2"	1"	\$10.40
AST 5432	1/4-28	X	3 1/4"	Hex	2 1/4"	1"	\$11.70

P/N	DIA. UNC		LNG.	HEAD STYLE	GRIP	THREAD LNG.	
AST 4405	1/4-20	X	1/2"	Hex	0	1/2"	\$4.21
AST 4407	1/4-20	X	3/4"	Hex	0	3/4"	\$4.21
AST 4408	1/4-20	X	7/8"	Hex	0	7/8"	\$4.21
AST 4410	1/4-20	X	1"	Hex	0	1"	\$4.39

AST 4412	1/4-20	X	1 1/4"	Hex	3/4"	1/2"	\$4.68
AST 4415	1/4-20	X	1 1/2"	Hex	1"	1/2"	\$5.27
AST 4420	1/4-20	X	2"	Hex	1 1/4"	3/4"	\$7.02

**TITANIUM HEX HEAD THROUGH BOLTS ( 5/16" )**

P/N	DIA. UNF		LNG.	HEAD STYLE	GRIP	THREAD LNG.	
AST 5505	5/16-24	X	1/2"	Hex	0	1/2"	\$4.50
AST 5507	5/16-24	X	3/4"	Hex	1/4"	1/2"	\$4.50
AST 5508	5/16-24	X	.850"	Hex	1/4"	.600"	\$4.63
AST 5510	5/16-24	X	1"	Hex	1/4"	3/4"	\$4.94
AST 5511	5/16-24	X	1 1/8"	Hex	1/8"	1"	\$5.20
AST 5512	5/16-24	X	1 1/4"	Hex	1/4"	1"	\$5.56
AST 5513	5/16-24	X	1 3/8"	Hex	5/8"	3/4"	\$5.56
AST 5515	5/16-24	X	1 1/2"	Hex	3/4"	3/4"	\$7.02
AST 5516	5/16-24	X	1 5/8"	Hex	5/8"	3/4"	\$7.28
AST 5517	5/16-24	X	1 3/4"	Hex	1"	3/4"	\$7.61
AST 5520	5/16-24	X	2"	Hex	1"	1"	\$8.19
AST 5522	5/16-24	X	2 1/4"	Hex	1 1/2"	3/4"	\$9.07
AST 5525	5/16-24	X	2 1/2"	Hex	1 3/4"	3/4"	\$9.66
AST 5527	5/16-24	X	2 3/4"	Hex	2"	3/4"	\$10.24
AST 5530	5/16-24	X	3"	Hex	2 1/4"	3/4"	\$11.35
AST 5532	5/16-24	X	3 1/4"	HEX	2 1/2"	3/4"	\$12.35

P/N	DIA. UNC		LNG.	HEAD STYLE	GRIP	THREAD LNG.	
AST 4505	5/16-18	X	1/2"	Hex	0	1/2"	\$4.21
AST 4506	5/16-18	X	5/8"	Hex	0	5/8"	\$4.21
AST 4507	5/16-18	X	3/4"	Hex	0	3/4"	\$4.21
AST 4508	5/16-18	X	7/8"	Hex	0	3/4"	\$4.39
AST 4510	5/16-18	X	1"	Hex	0	1"	\$4.42
AST 4511	5/16-18	X	1 1/8"	Hex	0	1 1/8"	\$4.50
AST4512A	5/16-18	X	1 1/4"	Hex	0	1 1/4"	\$5.07
AST 4512B	5/16-18	X	1 1/4"	Hex	3/8"	7/8"	\$5.07
AST 4515	5/16-18	X	1 1/2"	Hex	3/4"	3/4"	\$6.15
AST 4517	5/16-18	X	1 3/4"	Hex	1"	3/4"	\$6.90
AST 4518	5/16-18	X	1 1/2"	TORSION STOP BOLT	0	1 1/2"	\$7.80
AST 4520	5/16-18	X	2"	HEX	1. 1/4"	3/4"	\$8.20
AST 4522	5/16-18	X	2 1/4"	HEX	1. 1/4"	1"	\$8.61
AST 4525	5/16-18	X	2 1/2"	HEX	1. 1/2"	1"	\$9.66

**TITANIUM HEX HEAD THROUGH BOLTS ( 3/8" )**

P/N	DIA. UNF		LNG.	HEAD STYLE	GRIP	THREAD LNG.	
AST 5605	3/8-24	X	1/2"	Hex	0	1/2"	\$6.73
AST 5606	3/8-24	X	5/8"	Hex	0	5/8"	\$6.89
ast 5607	3/8-24	X	3/4"	Hex	0	5/8"	\$7.02
AST 5608	3/8-24	X	7/8"	Hex	1/8"	3/4"	\$7.61
AST 5610	3/8-24	X	1"	Hex	1/4"	3/4"	\$8.18
AST 5611	3/8-24	X	1 1/8"	Hex	1/4"	7/8"	\$8.28
AST 5612	3/8-24	X	1 1/4"	Hex	1/2"	3/4"	\$8.28
AST 5613	3/8-24	X	1 3/8"	Hex	1/2"	7/8"	\$8.58
AST 5615	3/8-24	X	1 1/2"	Hex	5/8"	7/8"	\$9.10
AST 5616	3/8-24	X	1 5/8"	Hex	1 1/4"	1/2"	\$9.68
AST 5617	3/8-24	X	1 3/4"	Hex	3/4"	1"	\$10.40

\*

AST 5618	3/8-24	X	1 800"	Hex	1.300"	1/2"	\$10.40	
AST 5619	3/8-24	X	1.900"	Hex	.775"	1 1/8"	\$11.05	
AST 5620 B	3/8-24	X	2"	Hex	1 3/4"	1/2"	\$11.05	*
AST 5620	3/8-24	X	2"	Hex	7/8"	1 1/8"	\$11.05	*
AST 5621	3/8-24	X	2 1/8"	HEX	1.625"	1/2"	\$11.05	*
AST 5622	3/8-24	X	2 1/4"	Hex	1 1/4"	1"	\$11.70	*
AST 5624	3/8-24	X	2 3/8"	Hex	1 3/8"	1"	\$11.70	*
AST 5625	3/8-24	X	2 1/2"	Hex	1 1/2"	1"	\$12.05	*
AST 5626	3/8-24	X	2 5/8"	Hex	1 5/8"	1"	\$12.05	
AST 5627	3/8-24	X	2 3/4"	Hex	1 3/4"	1"	\$12.35	
AST 5630	3/8-24	X	3"	Hex	2 1/4"	3/4"	\$14.30	
AST 5632	3/8-24	X	3 1/4"	Hex	2"	1"	\$14.30	
AST 5635	3/8-24	X	3 1/2"	Hex	3"	1/2"	\$14.95	
AST 5635 B	3/8-24	X	3 1/2"	Hex	2 1/2"	1"	\$14.95	
AST 5637	3/8-24	X	3 3/4"	Hex	3 1/4"	1/2"	\$15.60	
AST 5638	3/8-24	X	3 7/8"	Hex	3 3/8"	1/2"	\$15.60	
AST 5640	3/8-24	X	4"	Hex	3"	1"	\$15.60	
AST 5645	3/8-24	X	4 1/2"	Hex	3 1/2"	1"	\$16.90	
AST 5695	3/8-24	X	9 1/2"	Hex	8 7/8"	5/8"	\$90.00	

P/N	DIA. UNC		LNG.	HEAD STYLE	GRIP	THREAD LNG.		
AST4606	3/8-16	X	.600"	Hex	0	.600"	\$6.73	
AST 4607	3/8-16	X	3/4"	Hex	0	3/4"	\$7.02	
AST4608	3/8-16	X	7/8"	Hex	0	7/8"	\$7.61	
AST 4610	3/8-16	X	1"	Hex	1/8"	7/8"	\$8.18	*
AST 4611	3/8-16	X	1 1/8"	Hex	1/8"	1"	\$8.28	
AST 4612	3/8-16	X	1 1/4"	Hex	3/8"	7/8"	\$8.28	
AST 4613	3/8-16	X	1 3/8"	Hex	3/8"	1"	\$8.28	
AST 4615	3/8-16	X	1 1/2"	Hex	1/4"	1 1/4"	\$9.10	
AST 4616	3/8-16	X	1 3/4"	Hex	3/4"	1"	\$10.40	
AST 4617	3/8-16	X	1 3/4"	TORSION STOP BOLT	0	1 3/4"	\$10.40	
AST 4620	3/8-16	X	2"	Hex	1"	1"	\$11.05	
AST 4622	3/8-16	X	2 1/4"	Hex	1 1/4"	1"	\$11.70	*
AST 4625	3/8-16	X	2 1/2"	Hex	1 1/2"	1"	\$12.05	*
AST 4627	3/8-16	X	2 3/4"	Hex	1 3/4"	1"	\$12.35	
AST 4630	3/8-16	X	3"	Hex	2"	1"	\$14.30	
AST 4632	3/8-16	X	3 1/4"	HEX	2 1/4"	1"	\$14.30	
AST 4635	3/8-16	X	3 1/2"	HEX	2 3/8"	1 1/8"	\$14.95	

**TITANIUM 7/16" THROUGH BOLT WITH A (6 PT. 9/16" HEX HEAD) TORSION STOP AJUSTER BOLT**

P/N	DIA. UNF		LNG.	HEAD STYLE	GRIP	THREAD LNG.	
AST 5719 B	7/16-20	X	1.900"	TORSION STOP BOLT	0	1.900"	\$11.00

**(NEW) STEEL 7/16" THROUGH BOLT WITH A (6 PT. 9/16" HEX HEAD) TROSION STOP AJUSTER BOLT**

P/N	DIA. UNF		LNG.	HEAD STYLE	GRIP	THREAD LNG.	
AST S-5719 B	7/16-20	X	1.9	TORSION STOP BOLT	0	1.900"	\$7.80

**TITANIUM 7/16 -20 THROUGH BOLTS ( 5/8" HEX HEAD )**

P/N	DIA. UNF		LNG.	HEAD STYLE	GRIP	THREAD LNG.	
AST 5708	7/16-20	X	7/8"	Hex	0	7/8"	\$8.97
AST 5710	7/16-20	X	1"	Hex	1/8"	7/8"	\$9.10
AST 5711	7/16-20	X	1 1/8"	Hex	9/16"	9/16"	\$9.10
AST 5712	7/16-20	X	1 1/4"	Hex	1/4"	1"	\$9.45

AST 5715	7/16-20	X	1 1/2"	Hex	1/2"	1"	\$9.66
AST 5716	7/16-20	X	1 5/8"	Hex	5/8"	1"	\$9.95
AST 5717	7/16-20	X	1 3/4"	Hex	0	1 3/4"	\$10.20
AST 5718	7/16-20	X	1 3/4"	Hex	1/2"	1 1/4"	\$10.20
AST 5718 B	7/16-20	X	1 7/8"	Hex	1.475"	.400"	\$10.75
AST 5719	7/16-20	X	1.900"	TORSION STOP BOLT	0	1.900"	\$11.00
AST 5720	7/16-20	X	2"	Hex	1 1/2"	3/4"	\$11.70
AST 5722	7/16-20	X	2 1/4"	Hex	1 1/4"	1"	\$13.00
AST 5725	7/16-20	X	2 1/2"	Hex	1 1/2"	1"	\$13.65
AST 5730	7/16-20	X	3"	Hex	2"	1"	\$14.75

P/N	DIA. UNC		LNG.	HEAD STYLE	GRIP	THREAD LNG.	
AST 4710	7/16-14	X	1"	Hex	0	1"	\$8.78
AST 4712	7/16-14	X	1 1/4"	Hex	0	1 1/4"	\$9.07
AST 4713	7/16-14	X	1 3/8"	Hex	3/8"	1"	\$9.36
AST 4715	7/16-14	X	1 1/2"	Hex	1/2"	1"	\$9.66
AST 4717	7/16-14	X	1 3/4"	Hex	3/4"	1"	\$9.95
AST 4725	7/16-14	X	2 1/2"	Hex	1 1/2"	1"	\$13.65
AST 4730	7/16-14	X	3"	Hex	2"	1"	\$14.75
AST 4750	7/16-14	X	5"	Hex	4"	1"	\$20.80

**TITANIUM 1/2" THROUGH BOLT WITH A (6 PT. 9/16" HEX HEAD) GREAT FOR YOUR RADIUS RODS**

P/N	DIA. UNF		LNG.	HEAD STYLE	GRIP	THREAD LNG.	
AST 8412	1/2-20	X	1 1/4"	9/16" Hex	3/4"	1/2"	\$13.00
AST 8415	1/2-20	X	1 1/2"	9/16" Hex	1/2"	1"	\$14.30
AST 8416	1/2-20	X	1 5/8"	9/16" Hex	1/2"	1.125"	\$14.30
AST 8426	1/2-20	X	2 11/16"	9/16" Hex	2 3/16"	3/4"	\$17.55
AST 8427 B	1/2-20	X	2 3/4"	9/16" Hex	2"	3/4"	\$17.55

**TITANIUM HEX HEAD THROUGH BOLTS (3/4" HEX HEAD )**

P/N	DIA. UNF		LNG.	HEAD STYLE	GRIP	THREAD LNG.	
AST 5807	1/2-20	X	3/4"	Hex	0	3/4"	\$11.37
AST 5810	1/2-20	X	1"	Hex	1/4"	3/4"	\$12.00
AST 5812	1/2-20	X	1 1/4"	Hex	5/8"	5/8"	\$12.67
AST 5813	1/2-20	X	1.300"	TALL HEX HEAD	3/4"	.550"	\$13.00
AST 5814	1/2-20	X	1.400"	Hex	3/4"	.650"	\$13.00
AST 5815	1/2-20	X	1 1/2"	Hex	1/2"	1"	\$13.52
AST 5815C	1/2-20	X	1 1/2"	TALL HEX HEAD	9/16"	15/16"	\$13.65
AST 5816	1/2-20	X	1 5/8"	Hex	3/8"	1 1/4"	\$13.65
AST 5817	1/2-20	X	1 3/4"	Hex	1/2"	1 1/4"	\$13.70
AST 5817 T	1/2-20	X	1 3/4"	F-AXEL TETHER	1 1/8"	5/8"	\$13.70
AST 5820	1/2-20	X	2"	Hex	1/2"	1 1/2"	\$14.00
AST 5820 T	1/2-20	X	2"	F-AXLE TETHER	1"	1"	\$14.30
AST 5821	1/2-20	X	2.100"	Hex	1/2"	1.600"	\$14.00
AST 5822 A	1/2-20	X	2 1/4"	Hex	1 1/2"	3/4"	\$14.63
AST 5822	1/2-20	X	2 1/4"	Hex	1/2"	1 3/4"	\$14.63
AST 5823	1/2-20	X	2 3/8"	Hex	1 5/8"	3/4"	\$14.63
AST 5824	1/2-20	X	2 3/8"	Hex	7/8"	1 1/2"	\$14.63
AST 5825	1/2-20	X	2 1/2"	Hex	1 1/2"	1"	\$15.60
AST 5826	1/2-20	X	2 5/8"	Hex	1 5/8"	1"	\$16.25
AST 5827	1/2-20	X	2 3/4"	Hex	2"	3/4"	\$16.25
AST 5828	1/2-20	X	2 7/8"	Hex	7/8"	2"	\$16.58

AST 5830	1/2-20	X	3"	Hex	2 3/8"	5/8"	\$16.90
AST 5831	1/2-20	X	3 1/8"	CHASSIS TETHER	2 3/8"	3/4"	\$16.97
AST 5832	1/2-20	X	3 1/4"	Hex	2 1/2"	3/4"	\$17.55
AST 5833	1/2-20	X	3 3/8"	Hex	2 3/8"	1"	\$17.55
AST 5835	1/2-20	X	3 1/2"	Hex	2 1/2"	1"	\$18.14
AST 5837	1/2-20	X	3 3/4"	Hex	2 1/2"	1 1/4"	\$18.72
AST 5840	1/2-20	X	4"	Hex	3"	1"	\$19.50
AST 5845	1/2-20	X	4 1/2"	Hex	3 3/4"	3/4"	\$21.45
AST 5850	1/2-20	X	5"	Hex	4 1/2"	1/2"	\$24.70
AST 5855	1/2-20	X	5 1/2"	Hex	4"	1 1/2"	\$26.00

**STEEL HEX HEAD THROUGH BOLTS ( 1/2" ) + NEW WoO FRONT AXLE TETHER BOLT**

P/N	DIA.		LNG.	HEAD STYLE	GRIP	THREAD LNG.	
AST S-7112	1/2-20	X	1 1/4"	Hex	5/8"	5/8"	\$5.27
AST S-7115	1/2-20	X	1 1/2"	TALL HEX HEAD	9/16"	15/16"	\$5.85
AST S-7220	1/2-20	X	2"	F-AXLE TETHER	1 5/16"	11/16"	\$6.50

**TITANIUM QUICK RELEASE CLEVIS PINS ( 1/4" )**

P/N	DIA.		LNG.	CLEVIS PIN	DRILL SIZE	EFFECTIVE LNG.	
AST 8509	1/4	X	.900"	Q-R PIN	# 50	.725"	\$5.27
AST 8510	1/4	X	.925"	Q-R PIN	# 50	3/4"	\$5.27
AST 8512	1/4	X	1 1/4"	Q-R PIN	# 50	.950"	\$5.56

**TITANIUM QUICK RELEASE CLEVIS PINS ( 5/16" )**

P/N	DIA.		LNG.	CLEVIS PIN	DRILL SIZE	EFFECTIVE LNG.	
AST 8609	5/16	X	7/8"	Q-R PIN	# 31	11/16"	\$5.56
AST 8614	5/16	X	1.450"	Q-R PIN	# 31	1.2656"	\$6.44
AST 8707	3/8	X	3/4"	Q-R PIN	# 31	1/2"	\$6.73
AST 8710	3/8	X	1"	Q-R PIN	# 31	3/4"	\$7.02

**(SPRINGS ) FOR JACOB LADDER STRAPS TO CHASSIS**

P/N	SIZE		LENGTH				
AST 900 SS	3/8"		1 1/2"				\$1.20

**TITANIUM JACOB LADDER QUICK RELEASE CLEVIS PINS ( 3/8" )**

**TI Q-R PIN FOR FRONT AXEL BUTLERBUILT TETHER CLAMP USE P/N # 8713 + 3/8" RUE CLIPS**

P/N	DIA.		LNG.	CLEVIS PIN	DRILL SIZE	EFFECTIVE LNG.	
AST 8713	3/8	X	1.300"	Q-R PIN	# 30	1.050"	\$7.32
AST 8717	3/8	X	1.770"	Q-R PIN	# 30	1.520"	\$7.96
AST 8718	3/8	X	1.810"	Q-R PIN	# 30	1.560"	\$7.96
AST 8721	3/8	X	2.100"	Q-R PIN	#30	1.900"	\$9.10
AST 8723	3/8	X	2.3	Q-R PIN	#30	2.1/8"	\$9.75
AST 8730	3/8	X	3"	Q-R PIN	# 30	2 3/4"	\$11.00
AST 8732	3/8	X	3 1/4"	Q-R PIN	# 30	3"	\$11.70
AST 8736	3/8	X	3.520"	Q-R PIN	# 30	3.270"	\$13.34
AST8737	3/8	X	3.700"	Q-R PIN	# 30	3.450"	\$13.75
AST 8739	3/8	X	3.925"	Q-R PIN	# 30	3.675"	\$13.75
AST 8741	3/8	X	4.100"	Q-R PIN	# 30	3.850"	\$14.00

**TITANIUM JACOB LADDER QUICK RELEASE CLEVIS PINS ( 1/2" )**

P/N	DIA.		LNG.	CLEVIS PIN	DRILL SIZE	EFFECTIVE LNG.	
AST 8913	1/2	X	1.300"	Q-R PIN	# 30	1.050"	\$9.91

**(NEW) TITANIUM JACOB LADDER "3/8-24 THREADED" CHASSIS TO LADDER STRAPS BOLT**

P/N	DIA.		LNG.	7/16 HEX	GRIP	THREAD LNG.	
AST 8738	3/8-24	X	3 3/4"	HEX FLANGE HEAD	3 1/4"	1/2"	\$14.95

**TI 1/4" HEX FLANGE HEAD**

P/N	DIA. UNF		LNG.	1/4" HEX HEAD	GRIP	THREAD LNG.	
AST 8005	1/4-20	X	1/2"	H-F-H	0	1/2"	\$4.68
AST 8006	1/4-20	X	5/8"	RED DEVIL CLAMP BOLT	0	5/8"	\$4.68
AST 8007	1/4-20	X	3/4"	H-F-H	0	3/4"	\$4.68
AST 8010	1/4-20	X	1"	FUEL PUMP PINCH	1/8	7/8"	\$6.80
AST 8004	1/4-28	X	5/8"	H-F-H	0	5/8"	\$4.88
AST 8011	1/4-28	X	1 1/4"	H-F-H	0	1 1/4"	\$5.85
AST 8012	1/4-28	X	1 1/4"	HF BULLET NOSE	0	1"	\$6.15
AST 8105	1/4-20	X	1/2"	H-F-H	0	1/2"	\$4.39
AST 8013	1/4-28	X	1 3/8"	WHEEL STUD BN	0	1 3/8"	\$6.83

**TI 1/4" HEX FLANGE HEAD THIS BOLT IS FOR YOUR POWER STEERING PUMP TO MOTOR PLATE**

P/N	DIA. UNC		LNG.	1/4" HEX HEAD	GRIP	THREAD LNG.	
AST 3417	5/16-18	X	1 3/4"	H-F-H	3/4"	1"	\$8.99
AST 3422 B	5/16-18	X	2 1/4"	H-F-H	1"	1 1/4"	\$9.45

**TI 3/8" HEX FLANGE HEAD, PART # 8107 HAS A LARGER OD FLANGE FOR YOUR TANK MOUNT.**

**TI 3/8" HEX FLANGE HEAD, PART # 8107 D IS SAME AS P/N 8107 BUT IT IS DRILLED FOR SAFTY WIRE.**

**TI 1/4" HEX FLANGE HEAD, P/N # 8112 B IS FOR (THE BUTLERBUILT AXEL TETHER CLAMP)**

P/N	DIA. UNC		LNG.	3/8" HEX HEAD	GRIP	THREAD LNG.	
AST 8105	5/16-18	X	1/2"	H-F-H	0	1/2"	\$5.20
AST 8106 B	5/16-24	X	5/8"	H-F-H	0	5/8"	\$5.85
AST 8107 D	5/16-18	X	3/4"	Fuel TK MT. Drilled	0	3/4"	\$6.30
AST 8108	5/16-18	X	7/8"	H-F-H	0	7/8"	\$6.30
AST 8108 MC	5/16-18	X	1.18	7/16" H-F-H WHEEL MUDCOVER BOLT- TITANIUM	.180"	1" *BULLET NOSE*	\$9.10
AST S-8108 MC	5/16-18	X	1.18	STEEL 7/16" H-F-H WHEEL MUDCOVER BOLT	.180"	1" *BULLET NOSE*	\$7.15
AST 8109 MC	5/16-18	X	1.18	9/16" H-F-H WHEEL MUDCOVER BOLT- TITANIUM	.180"	1" *BULLET NOSE*	\$9.75
AST S-8109 MC	5/16-18	X	1.18	STEEL-9/16" H-F-H WHEEL MUDCOVER BOLT	.180"	1" *BULLET NOSE*	\$7.15
AST 8110	5/16-18	X	1"	H-F-H	1/8"	7/8"	\$6.37
AST 8111	5/16-18	X	1 1/8"	H-F-H	1/4"	7/8"	\$6.37
AST 8112	5/16-18	X	1 1/4"	H-F-H	3/8"	7/8"	\$6.50
AST 8112 B	5/16-24	X	1 1/4"	TETHER CLAMP	1/2"	3/4"	\$6.50
AST 8115	5/16-24	X	1/1/2"	WING PINCH BOLT	1"	1/2"	\$9.10
AST 8117	5/16-24	X	1 3/4"	H-F-H	3/4"	1"	\$9.75

P/N	DIA. UNC		LNG.	7/16" HEX HEAD	GRIP	THREAD LNG.	
AST 8207	3/8-16	X	3/4"	H-F-H	1/8"	5/8"	\$8.45
AST 8207 B	3/8-24	X	3/4"	H-F-H	1/8"	5/18"	\$8.45
AST 8209	3/8-16	X	7/8"	H-F-H	0	7/8"	\$9.10
AST 8209 F	3/8-24	X	7/8"	H-F-H	0	7/8"	\$9.10
AST 8210	3/8-16	X	1"	H-F-H	0	1"	\$9.10
AST 8210 B	3/8-24	X	1"	H-F-H	0	1"	\$9.10
AST 8211	3/8-16	X	1 1/8"	H-F-H	1/8"	1"	\$9.43
AST 8212	3/8-16	X	1 1/4"	H-F-H	1/4"	1"	\$9.75
AST 8215	3/8-16	X	1 1/2"	H-F-H	1/4"	1 1/4"	\$10.40

AST 8215 B	3/8-24	X	1 1/2"	H-F-H	7/8"	5/8"	\$10.40
AST 8225	3/8-16	X	2 1/2"	H-F-H	1 1/2"	1"	\$13.65
P/N	DIA. UNC		LNG.	7/16" HEX HEAD	GRIP	THREAD LNG.	
AST 8306	7/16-14	X	3/4"	H-F-H	1/8"	5/8"	\$8.78
AST 8207	7/16-14	X	7/8"	H-F-H	3/16"	11/16"	\$9.10
P/N	DIA. UNF		LNG.	7/16" HEX HEAD	GRIP	THREAD LNG.	
<b>AST 8309 UJ</b>	7/16-20	X	13/16"	H-F-H / U-JOINT	3/16"	5/8"	\$9.75
<b>AST 8310 UJ</b>	7/16-20	X	1"	H-F-H / U-JOINT	3/16"	13/16"	\$10.40
AST 8312	7/16-20	X	1 1/4"	H-F-H	3/4"	1/2"	\$10.10
<b>AST 8313 UJ</b>	7/16-20	X	1 1/4"	H-F-H / U-JOINT	5/16"	15/16"	\$10.40
AST 8315	7/16-20	X	1 1/2"	H-F-H	1/2"	1"	\$11.05
AST 8320	7/16-20	X	2"	H-F-H	1 1/2"	1/2"	\$12.68
AST 8328	7/16-20	X	2 7/8"	H-F-H	2 3/8"	1/2"	\$14.30

**TI 9/16" HEX FLANGE HEAD. "FOR YOUR RADIUS RODS / FRONT AXLE" + ( C & R TETHER BOLTS )**  
**STEEL 9/16" HEX FLANGE HEAD ARE ALSO AVAILABLE IN SAME SIZES (CALL FOR PRICING)**

P/N	DIA. UNF		LNG.	9/16" HEX HEAD	GRIP	THREAD LNG.	
AST 8412	1/2-20	X	1 1/4"	H-F-H	3/4"	1/2"	\$13.65
AST 8413	1/2-20	X	1 3/8"	H-F-H	1/2"	7/8"	\$13.97
AST 8415	1/2-20	X	1 1/2"	H-F-H	1/2"	1"	\$14.30
AST 8417	1/2-20	X	1 3/4"	(RT) STEERING ARM	1/2"	1 1/4"	\$14.65
AST 8417 T	1/2-20	X	1 3/4"	FRONT AXEL TETHER	1 1/4"	1/2"	\$14.65
AST 8418 T	1/2-20	X	1.7/8"	FRONT AXEL TETHER	1 3/8"	1/2"	\$15.27
AST 8420 T	1/2-20	X	2"	FRONT AXEL TETHER	1.25	3/4"	\$15.60
AST 8420	1/2-20	X	2"	H-F-H	1/2"	1 1/2"	\$15.60
AST 8424	1/2-20	X	2 7/16"	LOWER BIRDCAGE	1.800"	.650	\$16.57
AST 8425	1/2-20	X	2 1/2"	H-F-H	2 1/4"	3/4"	\$17.22
AST 8426	1/2-20	X	2 5/8"	H-F-H	1 7/8"	3/4"	\$17.55
AST 8427	1/2-20	X	2 3/4"	H-F-H	2"	3/4"	\$17.55
AST 8430	1/2-20	X	3"	H-F-H	2 1/4"	3/4"	\$17.87
AST 8431 T	1/2-20	X	3 1/8"	CHASSIS TETHER	2 5/8"	1/2"	\$17.87
AST 8431	1/2-20	X	3 1/8"	H-F-H	2 3/8"	3/4"	\$17.87
AST 8432 T	1/2-20	X	3 1/4"	CHASSIS TETHER	2 1/4"	1"	\$18.20
AST 8432	1/2-20	X	3 1/4"	H-F-H	2 1/4"	1"	\$18.20
AST 8435	1/2-20	X	3 1/2"	H-F-H	2 1/2"	1"	\$18.85
P/N	DIA.		LNG.	3/4" HEX HEAD	GRIP	THREAD LNG.	
AST 4840	3/4-16	X	4"	H-F-H	2 11/16"	1 5/16"	\$23.40

**NOTE: PLEASE READ INFORMATION BELOW FOR Q-R PINS & O-N-S BOLTS.**  
**QUICK RELEASE PIN STYLE & ONE NUT STYLE ( P/N WITHOUT \* HAS .225" HEX HEAD HEIGHT )**  
**Q-R PIN STYLE & ONE NUT STYLE ( P/N WITH \* HAS .400" ONE PC. HEX SPACER HEAD HEIGHT )**  
**Q-R PIN STYLE & ONE NUT STYLE ( P/N WITH \*\* HAS 1.000" ONE PC. HEX SPACER HEAD HEIGHT )**  
**ONE NUT STYLE (ONS) PENSKE SHOCK (P/N WITH \*\*\* HAS A 1.400" HEX SPACER HEAD HEIGHT)**  
**Q-R PIN STYLE & ONE NUT STYLE LENGTH MEANS (OVERALL) LENGTH OF FASTENER.**  
**GRIP&THREAD LNG. ARE FOR CHASSIS SPUDS,STEERING ARMS & SUSPENSION PARTS SIDE ONLY**  
**TI Q-R SHOCK PINS ( 11/16 HEX HEAD )**

P/N	DIA. UNF		OVERALL LNG.	11/16 HEX	GRIP	THREAD LNG.	
AST 7520	1/2-20	X	2.040"	Q-R PIN STYLE	0	3/4"	\$15.21
AST 7524*	1/2-20	X	2.475"	Q-R PIN STYLE	0	1"	\$15.80
AST 7525*	1/2-20	X	2.575"	Q-R PIN STYLE	0	1.100"	\$16.20
AST 7530E**	1/2-20	X	3.025"	LOWER REAR EAGLE	1/4"	.925"	\$18.20
AST 7531**	1/2-20	X	3.175"	Q-R PIN STYLE	1/4"	0.850"	\$18.53

AST 7533	1/2-20	X	3.320"	Q-R PIN STYLE	1 3/8"	3/4"	\$18.53
AST 7534	1/2-20	X	3.415"	Q-R PIN STYLE	1 3/8"	3/4"	\$18.53
AST 7536	1/2-20	X	3.675"	Q-R PIN STYLE	1 5/8"	3/4"	\$18.72
AST 7537	1/2-20	X	3.820"	Q-R PIN STYLE	1 11/16"	0.850"	\$20.15
AST 7540	1/2-20	X	4.070"	Q-R PIN STYLE	1 3/4"	1"	\$22.10
AST 7550	1/2-20	X	4.915"	Q-R PIN STYLE	2 7/8"	3/4"	\$22.88
AST 7560	1/2-20	X	6"	Q-R PIN STYLE	3 7/8"	13/16"	\$26.00

**STEEL Q-R SHOCK PINS ( 11/16 HEX HEAD )**

P/N	DIA. UNF	OVERALL LNG.	11/16 HEX	GRIP	THREAD LNG.		
AST S-7420	1/2-20	X	2.025"	Q-R PIN STYLE	0	3/4"	\$9.36
AST S-7424*	1/2-20	X	2.475"	Q-R PIN STYLE	0	1"	\$10.75
AST S-7425*	1/2-20	X	2.575"	Q-R PIN STYLE	0	1.100"	\$11.44
AST S-7431**	1/2-20	X	3.175"	Q-R PIN STYLE	1/4"	.850"	\$12.35
AST S-7434	1/2-20	X	3.400"	Q-R PIN STYLE	1 3/8"	3/4"	\$12.35
AST S-7441	1/2-20	X	4.070"	Q-R PIN STYLE	1 3/4"	1"	\$13.00
AST S-7450	1/2-20	X	4.915"	Q-R PIN STYLE	2 7/8"	3/4"	\$14.30

**" NEW "(BN SERIES ) TI ONE NUT STYLE FOR SHOCKS / RADIUS RODS / DRAGLINK / TIE ROD  
THE (BN SERIES ) HAS A BALL NOSE END ON THE HIEM SIDE OF THE BOLT FOR QUICK THREADING**

P/N	DIA.	OVERALL LNG.	11/16 HEX	GRIP	THREAD LNG.		
AST 7319BN	1/2-20	X	2 1/8"	O-N-S	0	3/4"	\$15.80
AST 7324BN	1/2-20	X	2.565"	O-N-S	0	1"	\$16.38
AST 7325BN	1/2-20	X	2.665"	O-N-S	0	1.100"	\$16.79
AST 7327BN	1/2-20	X	2 3/4"	KPC FRONT AXEL	0	3/4"	\$17.55
AST 7333BN	1/2-20	X	3 1/4"	O-N-S	1/4"	.850"	\$18.72
AST 7333BN	1/2-20	X	3 1/2"	O-N-S	1 3/8"	3/4"	\$18.72
AST 7340BN	1/2-20	X	4 1/8"	O-N-S	1 3/4"	1"	\$21.15

**TI O-N-S SHOCKS / RADIUS RODS / D-LINK / TIE ROD (11/16 HEX HEAD) + NEW WOO TETHER BOLT  
\*FOLLOWING BOLTS ARE ONE NUT STYLE (O-N-S), HEIM SIDE IS 1" UNLESS NOTED**

P/N	DIA. UNF	OVERALL LNG.	BODY (SPACER+ HEX) 11/16"	GRIP	THREAD LNG.	
AST 7319	1/2-20	X	.335"	0	3/4"	\$15.21
AST 7319 B*	1/2-20	X	.400"	0	3/4"	\$15.50
AST 7320	1/2-20	X	.335"	1 3/8"	1/2"	\$17.85
AST 7322	1/2-20	X	.335"	0	1"	\$15.21
AST 7323	1/2-20	X	.335"	0	1.100"	\$15.60
AST 7324*	1/2-20	X	.400"	0	1"	\$16.00
AST 7326	1/2-20	X	.400"	0	1.100"	\$16.20
AST 7324 DS	1/2-20	X	1/2"	0	.975"	\$17.42
AST 7326 DS	1/2-20	X	1/2"	0	1.1	\$17.42
AST 7327E**	1/2-20	X	EAGLE / A.R.T. AXEL 1" BODY	0	3/4"	\$18.14 *
AST 7327M**	1/2-20	X	MAXIN FRONT AXEL 7/8" BODY	0	3/4"	\$16.70
AST 7327	1/2-20	X	ONS	0	1.1	\$17.42
AST7329 DM	1/2-20	X	DMI NEW ARMS 1.1/8 BODY	0	1.420"	\$18.53
AST 7330E**	1/2-20	X	1"	1/4"	.925"	\$18.14
AST 7331 DS	1/2-20	X	LOWER REAR SHOCK 3/4" ARM	9/16"	.1/2"	\$19.83 *
AST 7333 LR	1/2-20	X	LOWER REAR SHOCK 1" ARM	13/16"	.1/2"	\$20.15



AST 7332	1/2-20	X	3.250"	.335"	1 1/4"	3/4"	\$18.53
AST 7333 HR	1/2-20	X	3.350"	1.1/4"	0	1.1	\$18.53
AST 7333	1/2-20	X	3.350"	.335"	1 3/8"	3/4"	\$18.53 *
AST 7334E**	1/2-20	X	3.425	<b>EAGLE TOP FRONT SHOCKS</b>	1"	.425"	\$20.80 *
AST 7334**	1/2-20	X	3.475	.335"	1/4"	.850"	\$18.85
AST 7335 DS	1/2-20	X	3.500"	<b>PENSKY L-R SHOCK 1.3/8" BODY</b>	9/16"	.1/2"	\$20.80 *
AST 7336	1/2-20	X	3.600"	.335"	1 5/8"	3/4"	\$18.72
<b>AST 7337 T</b>	<b>1/2-20</b>	<b>X</b>	<b>3.760"</b>	<b>CHASSIS TETHER (1.500" HEIM SIDE) .235" BODY</b>	<b>1 1/2"</b>	<b>1/2"</b>	<b>\$20.15</b>
<b>AST 7338</b>	<b>1/2-20</b>	<b>X</b>	<b>3.875</b>	.335"	<b>1 3/8"</b>	<b>3/4"</b>	<b>\$20.50</b>
AST 7340	1/2-20	X	4"	.335"	1 3/4"	1"	\$20.80
AST 7342	1/2-20	X	4.225"	.335"	2 1/4"	3/4"	\$20.80
AST 7346	1/2-20	X	4.650"	.335"	2 11/16"	3/4"	\$21.53
AST 7348	1/2-20	X	4.725"	.335"	2 3/4"	3/4"	\$22.88
AST 7350	1/2-20	X	4.845"	.335"	2 3/4"	7/8"	\$22.88
AST 7355	1/2-20	X	5.095"	.335"	3"	13/16"	\$24.00
AST 7360***	1/2-20	X	6"	.335"	3"	3/4"	\$26.00

### STEEL O-N-S SHOCKS / RADIUS RODS / D-LINK / TIE ROD (11/16 HEX HD) + NEW WOO TETHER BOLT

P/N	DIA. UNF		OVERALL LNG.	11/16 HEX	GRIP	THREAD LNG.	
AST S-7219	1/2-20	X	1.975"	ONS	0	3/4"	\$9.36
AST S-7223	1/2-20	X	2.325"	ONS	0	1.100"	\$9.95
AST S-7224*	1/2-20	X	2.410"	ONS	0	1"	\$10.40
AST S-7225*	1/2-20	X	2.510"	ONS	0	1.100"	\$10.53
AST S-7226*	1/2-20	X	2.600"	ONS	0	1.100"	\$12.05
AST S7231DS	1/2-20	X	3.100"	ONS	1/4"	.850"	\$13.33 *
AST S-7233	1/2-20	X	3.350"	ONS	1 3/8"	3/4"	\$12.05
AST S7235DS	1/2-20	X	3.500"	<b>PENSKY SHOCKS</b>	1/4"	.850"	\$15.60
<b>AST S-7237</b>	<b>1/2-20</b>	<b>X</b>	<b>3.760"</b>	<b>CHASSIS TETHER</b>	<b>1 1/2"</b>	<b>1/2"</b>	<b>\$14.30 *</b>
AST S-7240	1/2-20	X	4"	ONS	1 3/4"	1"	\$13.00
AST S-7246	1/2-20	X	4.650"	ONS	2.673"	3/4"	\$13.98
AST S-7250	1/2-20	X	4.845"	ONS	2 3/4"	7/8"	\$14.17

### \*NEW\* TI O-N-S SHOCKS / RADIUS RODS / D-LINK / TIE ROD ( 9/16" HEX HEAD )

P/N	DIA. UNF		OVERALL LNG.	9/16" HEX	GRIP	THREAD LNG.	
AST 9321	1/2-20	X	2.170"	ONS	0	3/4"	\$16.51
AST 9325	1/2-20	X	2.530"	ONS	0	1.100"	\$17.55
AST 9331**	1/2-20	X	3.100"	ONS	9/16"	1/2"	\$18.85
AST 9335	1/2-20	X	3.555"	ONS	1 3/8"	3/4"	\$19.43
AST 9342	1/2-20	X	4.200"	ONS	1 3/4"	1"	\$21.19

### ( NEW ) TI O-N-S REAR WING TREE TO HYDRAULIC WING CYLINDER.

THIS BOLT STAYS BOLTED TO THE REAR WING TREE. JUST LOOSEN 3/8-24 NUT & CYLINDER IS FREE FROM THE TREE.

**(NEW) 2017 P/N 7518 3/8-24X1.860 FOR AERO WING TREES**

P/N	DIA. UNF		OVERALL LNG.	9/16 HEX	GRIP	THREAD LNG.	
AST 7615A	3/8-24	X	1 1/2"	ONS	0	FULL / 1/2" HIEM SIDE	\$10.27 *
AST 7615B	3/8-24	X	1.600"	ONS	0	FULL / .600" HIEM SIDE	\$10.27 *
AST 7618	3/8-24	X	1.860"	O-N-S	0.45	FOR AERO WING TREE	\$11.70
AST 7717	5/16-24/3/8-24	X	1 3/4"	ONS	0	FULL / 1/2" HIEM SIDE	\$11.70 *

### ( NEW ) TI MINI SPRINT O-N-S SHOCK BOLTS. (note: top shocks & front axel are threaded spuds) WITH A 1/2" OD BODY ON THE SHOCK HIEM SIDE OF BOLT, NO MORE SPACERS TO HASSLE WITH.

P/N	DIA.		OVERALL LNG.	9/16 HEX	GRIP	THREAD LNG.
-----	------	--	--------------	----------	------	-------------

AST 7616	3/8-24	X	1.685"	ONS	0	1/2"	\$12.35
<b>TI O-N-S MINI SPRINT LOWER REAR ARM SHOCK BOLT, WITH 1/2" OD BODY FOR SHOCK MOUNT</b>							
AST 7625	3/8-24	X	2.525"	ONS	5/16"	1/2"	\$16.25

**(NEW STEEL) MINI SPRINT O-N-S SHOCK BOLTS. (note: top shocks & front axel are threaded spuds) WITH A 1/2" OD BODY ON THE SHOCK HIEM SIDE OF BOLT, NO MORE SPACERS TO HASSLE WITH.**

P/N	DIA.		OVERALL LNG.	9/16 HEX	GRIP	THREAD LNG.	
AST S-7616	3/8-24	X	1.685"	ONS	0	1/2"	\$7.80
<b>STEEL O-N-S MINI SPRINT LOWER REAR ARM SHOCK BOLT, WITH 1/2" OD BODY FOR SHOCK MOUNT.</b>							
AST S-7622	3/8-24	X	2.075	ONS	5/16"	1/2"	\$11.70
AST S-7625	3/8-24	X	2.525"	ONS	5/16"	1/2"	\$11.70

**TI SOCKET FLAT COUNTERSUNK HEAD (NOTE: P/N 3520B DRILLED FOR SAFTY WIRE)**

P/N	DIA.		LNG.	HEAD STYLE	GRIP	THREAD LNG.	
AST 3604	10-32	X	1/2"	F-H	0	FULL	\$3.39
AST 3410	5/16-24	X	1"	F-H	0	FULL	\$5.20
AST 3310	3/8-24	X	1"	F-H	0	FULL	\$7.80
AST 3315	3/8-24	X	1 1/2"	F-H	5/8"	7/8"	\$9.10
AST 3410	3/8-16	X	1"	F-H	0	FULL	\$7.80
AST 3412	3/8-16	X	1 1/4"	F-H	0	FULL	\$8.45
AST 3415	3/8-16	X	1 1/2"	F-H	0	FULL	\$8.77
AST 3512	7/16-20	X	1 1/4"	F-H	0	FULL	\$9.07
AST 3515	7/16-20	X	1 1/2"	F-H	1/4"	1"	\$9.66
AST 3517	7/16-20	X	1 3/4"	F-H	0	FULL	\$9.95
AST 3521	7/16-20	X	2"	F-H	1/2"	1 1/2"	\$11.11
AST 3521 B	7/16-14	X	2"	F-H (BREMBO BRAKE)	3/4"	1 1/4"	\$11.11
AST 3520 B	7/16-14	X	1 1/4"	CS 7/16" HEX F-H	1/8"	1 1/8"	\$12.00
AST 3520	7/16-14	X	1 1/4"	F-H	1/8"	1 1/8"	\$9.07
AST 3525	7/16-14	X	1 1/2"	F-H	0	FULL	\$9.66
AST 3527	7/16-14	X	1 3/4"	F-H	0	FULL	\$9.95

**TI FRONT ROTOR SOCKET FLAT COUNTERSUNK HEAD. ( TITANIUM /STEEL / ALUM ROTORS )**

**(NOTE) RED DEVIL HAS A SMALLER OD ON HEAD SIZE**

P/N	SIZE		LNG.	HEAD OD SIZE	GRIP	THREAD LNG.	
AST S-3502	1/2-20	X	3/4"	.700" **STEEL BOLT**	0	FULL	\$6.90
<b>*S-3502 IS DESIGNED FOR THE RACESAVER SPRINT SERIES *STEEL BRAKE COMPONETS ONLY*</b>							
AST 3502RD	1/2-20	X	3/4"	.700 RED DEVIL	0	FULL	\$9.36
AST 3507	1/2-20	X	3/4"	F-H STD. OD HD.	0	FULL	\$9.36
AST 3506	1/2-20	X	7/8"	F-H .700 OD HD.	0	FULL	\$9.36
AST 3509	1/2-20	X	.900"	F-H 3/4" OD HD.	0	FULL	\$9.66
AST 3510RD	1/2-20	X	1"	.700 RED DEVIL	0	FULL	\$11.70
AST 3510	1/2-20	X	1"	F-H 3/4" OD HD.	0	FULL	\$9.66
AST 3511	1/2-20	X	1 1/8"	F-H 3/4" OD HD.	0	FULL	\$9.95
AST 3512	1/2-20	X	1 1/4"	F-H 3/4" OD HD.	0	FULL	\$9.95
AST3512 B	1/2-20	X	1 1/4"	F-H STD. OD HD.	0	FULL	\$10.73
AST 3519RD	1/2-20	X	1.9375"	.700 RED DEVIL	9/16"	1 3/8"	\$13.00
AST 3519	1/2-20	X	1.9375"	F-H STD. OD HD.	9/16"	1 3/8"	\$13.00
AST 3522	1/2-20	X	2.25	F-H STD. OD HD.	11/16"	1 9/16"	\$13.65
AST 3525	1/2-20	X	2 1/2	F-H STD. OD HD.	1 1/2"	1"	\$15.93

**TI BUTTON ALLEN HEAD, ALLEN KEY IS ON HEAD SIDE**

**(NOTE) BUTTON HEAD PRESS FIT BOLTS HAVE ALLEN KEY ON THREAD SIDE**

P/N	DIA.		LNG.	HEAD / O.D.	GRIP	THREAD LNG.	
AST 3603	10-32	X	3/8"	BAH / 23/64	0	3/8"	\$3.39
AST 3625	10-32	X	3/4"	BAH / 23/64	0	3/4"	\$3.51
AST 2606	1/4-28	X	5/8"	BAH / 7/16	0	5/8"	\$3.98
AST 2607	1/4-28	X	3/4"	BAH / 7/16	0	3/4"	\$4.10
AST 2609	1/4-28	X	7/8"	BAH / 1/2	3/16"	11/16"	\$4.55
AST 3605	1/4-20	X	1/2"	BAH / 7/16	0	1/2"	\$3.86
AST 3608	1/4-20	X	3/4"	BAH / 7/16	0	3/4"	\$4.10
AST 3702	5/16-18	X	3/8"	BAH / 5/8	0	3/8"	\$3.98
AST 3706	5/16-18	X	3/4"	BAH / 1/2	0	3/4"	\$5.20
AST 3711	5/16-18	X	1"	BAH / 1/2	0	1"	\$5.55
AST 3709	5/16-24	X	3/4"	BAH / 1/2	0	3/4"	\$5.20
AST 3308	5/16-24	X	7/8"	BAH / 5/8	1/4"	5/8"	\$5.20
AST 2511	5/16-24	X	1 1/8"	BAH / 1/2	5/8"	1/2"	\$6.18 *

**(NOTE) BUTTON HEAD PRESS FIT BOLTS HAVE ALLEN KEY ON THREAD SIDE.**

AST 3808	3/8-24	X	3/4"	BAH / 5/8	7/16"	5/16"	\$7.02
AST 3810 S/C	3/8-24	X	1"	BAH / 5/8	1/4"	3/4"	\$8.45
AST 3810 B/H	3/8-24	X	1"	B-A-H PRESS FIT	3/8"	5/8"	\$8.45
AST 3812 B/H	3/8-24	X	1 1/4"	B-A-H PRESS FIT	5/8"	5/8"	\$8.84
AST 3814	3/8-24	X	1 1/4"	BAH / 5/8	1/2"	3/4"	\$7.96
AST 3817	3/8-24	X	1 3/4"	BAH / 5/8	1 1/4"	1/2"	\$9.75
AST 3818	3/8-24	X	1.800"	B-A-H LADDER STRAPS	1.300"	1/2"	\$10.40
AST 3819	3/8-24	X	1.900"	B-A-H LADDER STRAPS	1.400"	1/2"	\$10.40
AST3820-L	3/8-24	X	2"	B-A-H LADDER STRAPS	1 1/2"	1/2"	\$10.73
AST 6823	3/8-24	X	2 3/8"	BAH / 5/8	1 5/8"	3/4"	\$11.70
AST 6825	3/8-24	X	2 1/2"	BAH / 5/8	1 1/2"	1"	\$11.70
AST 5610 BH	3/8-24	X	1"	Hex	1/4"	3/4"	\$8.18

**TI (NEW HEAD STYLE FOR 2013) MADE FOR DIRECT MOUNT FRONT HUBS (NEW STYLE BULLET NOSE )  
BUTTON ALLEN HEAD ( BULLET NOSE ) HEAD STYLE**

P/N	DIA.		LNG.WITH B/N	HEAD OD	GRIP	THREAD LNG.	
AST 3013	3/8-16	X	1.350"	BAH / 5/8	0	1 1/4"	\$8.84

**TI SOCKET FLAT COUNTER SUNK HEAD (NEW STYLE BULLET NOSE)**

			OVERALL LNG	HEAD OD	GRIP	THREAD LNG.	
AST 3413	3/8-16	X	1.350"	FCSH / .7031	0	FULL	\$8.84

**MADE FOR DIRECT MOUNT FRONT HUBS (B-A-H / F-H )**

TI BUTTON ALLEN HEAD				HEAD OD			
AST 2810	3/8-16	X	1"	BAH / 5/8	0	1"	\$7.80
AST 3811	3/8-16	X	1 1/8"	BAH / 5/8	0	1 1/8"	\$8.13
AST 3813	3/8-16	X	1 1/4"	BAH / 5/8	0	1 1/4"	\$8.45
TI SOCKET FLAT COUNTER SUNK HEAD				HEAD OD			
AST 3410	3/8-16	X	1"	FCSH / .7031	0	FULL	\$7.61
AST 3412	3/8-16	X	1 1/4"	FCSH / .7031	0	FULL	\$7.96
AST 3415	3/8-16	X	1 1/2"	FCSH / .7031	0	FULL	\$8.78

**TI MIDGET REAR DRIVE PINS**

P/N								
AST 3121	DESCRIPTION	1/2" DIA.	X	1 1/4" SHOULDER,	WITH	3/8-24 THREAD	3/4" LNG.	\$9.36

**TI SEAT BOLTS ( BIG OD HEAD ) NO NEED FOR BIG WASHERS**

BUTTON ALLEN HEAD NO NEED FOR LARGE WASHERS			HEAD STYLE HEAD O.D. 3/4"				
P/N	DIA.	LNG.	BUTTON ALLEN HEAD	GRIP	THREAD LNG.		
AST 3710	5/16-24	X	1"	BAH / 3/4"	1/2"	1/2"	\$13.33
AST 3712	5/16-24	X	1 1/4"	BAH / 3/4"	3/4"	1/2"	\$13.65
AST 3717	5/16-24	X	1 1/2"	BAH / 3/4	1"	1/2"	\$13.65 *
AST 3720	5/16-24	X	2"	BAH / 3/4	1 1/4"	3/4"	\$16.25
AST 3722	5/16-24	X	2 1/4"	BAH / 3/4	1 1/2"	3/4"	\$17.55
AST 3725	5/16-24	X	2 1/2"	BAH / 3/4	1 1/2"	1"	\$17.55
AST 3730	5/16-24	X	3"	BAH / 3/4	2"	1"	\$18.20
AST 3810	3/8-24	X	1"	BAH / 3/4	0	1"	\$12.35
AST 3815	3/8-24	X	1 1/2"	BAH / 3/4	3/4"	3/4"	\$13.65
AST 3816	3/8-24	X	1 5/8"	BAH / 3/4	1 1/16"	1/2"	\$13.65
AST 3817 A	3/8-24	X	1.75	BAH / 3/4	1 1/4"	1/2"	\$14.95
AST 3820	3/8-24	X	2"	BAH / 3/4	1"	1"	\$16.25
AST 3821	3/8-24	X	2.100"	BAH / 3/4	1.350"	3/4"	\$16.25
AST 3822	3/8-24	X	2 1/4"	BAH / 3/4	1 1/4"	1"	\$17.55
AST 3823	3/8-24	X	2 3/8"	BAH / 3/4	1 5/8"	3/4"	\$17.55
AST 3824	3/8-24	X	2.300"	BAH / 3/4	1.550"	3/4"	\$17.55
AST 3825	3/8-24	X	2 1/2"	BAH / 3/4	1 1/2"	1"	\$17.87
AST 3827	3/8-24	X	2 3/4"	BAH / 3/4	1 3/4"	1"	\$18.20
AST 3830	3/8-24	X	3"	BAH / 3/4	2"	1"	\$18.20
AST 3832	3/8-24	X	3 1/4"	BAH / 3/4	2 1/4"	1"	\$18.85
AST 3835	3/8-24	X	3 1/2"	BAH / 3/4	2 1/2"	1"	\$19.50
AST 3837	3/8-24	X	3 3/4"	BAH / 3/4	3 1/4"	1"	\$20.15
AST 3840	3/8-24	X	4"	BAH / 3/4	3"	1"	\$20.15
AST 3010	7/16-20	X	1"	BAH / 3/4	1/4"	3/4"	\$13.00
AST 3905	1/2-20	X	1/2"	BAH / 3/4	0	1/2"	\$10.40 *

**TI ( PRESS FIT ) DRAGLINK / TIE ROD BUTTON HEAD. HAS A 1/4" ALLEN KEY ON THE THREAD SIDE**

AST 3920	1/2-20	X	2"	BUTTON HEAD	1 3/8"	5/8"	\$16.25
----------	--------	---	----	-------------	--------	------	---------

**TI BUTTON ALLEN HEAD ( D-LINK / TIE ROD )**

AST 3921	1/2-20	X	2.100"	BAH / 3/4"	0	2.100"	\$15.28
AST 3926	1/2-20	X	2 1/2"	BAH / 3/4"	0	2 1/2"	\$15.60
AST 3925	1/2-20	X	2 3/4"	BAH / 3/4"	0	2 3/4"	\$16.25
AST3930	1/2-20	X	3"	BAH / 3/4"	0	3"	\$16.90

**STEEL BUTTON ALLEN HEAD ( D-LINK / TIE ROD )**

AST 7021	1/2-20	X	2.100"	BAH / 3/4"	0	2.100"	\$10.40
----------	--------	---	--------	------------	---	--------	---------

**TI STUDS**

**TORQUE BALL RETAINING RING,TORQUE TUBE,HEADERS, FUEL PUMP,STEERING GEAR, READ END**

**1/2" DRAGLINK / TIE ROD STUD WITH BROACHED ALLEN**

3/8" HEADER STUDS WITH BROACHED ALLEN			UNF / UNC		UNC / UNF		
P/N	DIA.	LNG.	STYLE	THREAD LNG.	THREAD LNG.		
AST 3209	1/4-28-20	x	0.9375	STUD	5/16	1/2"	\$3.81
AST 3215	1/4-28-28	X	1 1/4"	TOP FUEL PLATE	0.3900	0.5500	\$3.90
AST 3111	1/4-28-28	x	1 1/4"	STUD	5/8"	1/2"	\$3.90
AST 3111B	1/4-28-28	X	1 1/4"	STUD	9/16"	5/16"	\$3.90
AST 3014	1/4-28-20	X	1.300"	STUD	9/16"	9/16"	\$4.10
AST 3018	1/4-28-20	X	1.650"	STUD	15/16"	1/2"	\$5.20
AST 3114	5/16-18-24	X	1.390"	ATL 400 FUEL TANK	UNF .540	UNC .700	\$5.20
AST 3004	5/16-18-18	X	1.425	Torque BALL Stud	.600	.425	\$5.20

AST3006	5/16-18-18	X	1 5/8"	STUD	1/2"	5/8"	\$5.20
AST 3016	5/16-24-24	X	1 5/8"	STUD	5/8"	1/2"	\$5.20
AST 3022	5/16-18-18	X	2"	STUD	7/8"	7/8"	\$5.20
AST 3112	3/8-24-16	X	1.200"	Header Stud	.450"	.450"	\$5.50
AST 3115	3/8-24-16	X	1 1/2"	STUD	3/4"	1/2"	\$5.50
AST 3117	3/8-16	X	1 3/4"	STUD		1 3/4"	\$5.50
AST 3118	3/8-24-16	X	1.800"	Torque Tube Stud	9/16"	7/8"	\$5.50
AST 3218	3/8-24-16	X	1.800"	STUD	3/4"	1/2"	\$5.50
AST 3120	3/8-24-16	X	2"	Torque Tube Stud	3/4"	7/8"	\$5.60
AST 3125	3/8-24-16	X	2 1/8"	STUD	3/8"	3/8"	\$5.73
AST 3124	(3/8-24) / (M10X1.75)		2.550"	BREMBO BRAKE	5/8"	5/8"	\$13.00
AST 3212	7/16-20-14	X	1.200"	STUD	.550"	1/2"	\$6.50
AST 3217	7/16-20-14	X	1 3/4"	STUD	7/16"	1/2"	\$9.10
AST 3220	7/16-20-14	X	2"	STUD	.7188"	.7188"	\$9.75
AST 3225	7/16-20-14	X	2 1/4"	STUD	.700 NF	1.1/4" NC	\$10.40
					UNF	UNF / UNC	
AST 3318	1/2-20-20	X	1.800"	SHOCK STUD	1/2"	.800"	\$11.00
AST 3320	1/2-20-20	X	2"	SHOCK STUD	1/2"	1"	\$11.12
AST 3322	1/2-20-20	X	2.175"	STUD	1/2"	1 1/8"	\$11.12
AST 3324	1/2-20-20	X	2.545"	STUD	1/2"	1 1/8"	\$12.23
AST 3326	1/2-20-13	X	2.625"	STUD	3/4"	1 9/16"	\$12.23
AST 3330	(1/2-20) / (5/8-11)	X	3.050"	STUD	7/8"	1 1/2"	\$25.50

### TI TSHCS / SHCS

P/N	DIA.		LNG.	HEAD STYLE	GRIP	THREAD LNG.	
AST 1805	10-32	X	1/2"	TSHCS	0	1/2"	\$4.10
AST 1806	10-32	X	5/8"	TSHCS	0	5/8"	\$4.10
AST 1808	10-32	X	3/4"	TSHCS	0	3/4"	\$4.10
AST 1809	10-32	X	7/8"	TSHCS	0	7/8"	\$4.21
AST 1810	10-32	X	1"	TSHCS	1/4"	3/4"	\$4.87
AST 1813	10-32	X	1.3/8"	TSHCS	.675"	.700"	\$5.85
AST 2605	1/4-20	X	1/2"	SHCS	0	1/2"	\$4.10
AST 3605	1/4-20	X	1/2"	TSHCS	0	1/2"	\$4.10
AST 3606	1/4-20	X	5/8"	TSHCS	0	5/8"	\$4.10
AST 3609	1/4-20	X	3/4"	TSHCS	0	3/4"	\$4.19
AST 3610	1/4-20	X	1"	TSHCS	0	1"	\$4.39
AST 3620	1/4-20	X	2"	TSHCS	1	1"	\$7.02
AST 3625	1/4-20	X	2 1/2"	TSHCS	1 1/4"	1 1/4"	\$8.19
AST 3626	1/4-20	X	2 5/8"	TSHCS	1 3/8"	1 1/4"	\$8.19
AST 3628	1/4-20	X	2 7/8"	TSHCS	1 5/8"	1 1/4"	\$8.49
AST 3607	1/4-28	X	3/4"	TSHCS	0	3/4"	\$4.10
AST 3612	1/4-28	X	1 1/4"	TSHCS	0	1 1/4"	\$5.86
AST 3613	1/4-28	X	1 3/8"	WHEEL STUD BN	0	1 3/8"	\$6.83
AST 2905	5/16-18	X	1/2"	TSHCS	0	1/2"	\$4.29
AST 2907	5/16-18	X	3/4"	TSHCS	0	3/4"	\$4.55
AST 3710	5/16-18	X	1"	TSHCS	0	1"	\$4.68
AST 3710B	5/16-24	X	1"	SHCS	0	1"	\$4.68
AST 3611	5/16-18	X	1 1/8"	TSHCS	0	1 1/8"	\$5.27
AST 3612	5/16-18	X	1 1/4"	TSHCS	0	1 1/4"	\$5.86
AST 3615	5/16-18	X	1 1/2"	TSHCS	0	1 1/2"	\$6.46
AST 3622	5/16-18	X	2 1/4"	TSHCS	1 1/4"	1"	\$8.19
AST 2722	5/16-24	X	2 1/4"	TSHCS	1 1/2"	3/4"	\$8.19
AST 3713	5/16-24	X	1 3/8"	WHEEL STUD BN	0	1 3/8"	\$8.00
AST 3307	3/8-16	X	3/4"	TSHCS	0	3/4"	\$7.02

AST 2908	3/8-16	X	7/8"	TSHCS	0	7/8"	\$7.40
AST 2910	3/8-16	X	1"	TSHCS	0	1"	\$8.45
AST 2910 B	3/8-24	X	1"	TSHCS	0	1"	\$8.45
AST 2912	3/8-16	X	1 1/4"	TSHCS	1/4"	1"	\$8.78
AST 3015	3/8-24	X	1 1/2"	TSHCS	1/2"	1"	\$8.78
AST 2920	3/8-16	X	2"	TSHCS	3/8"	1 5/8"	\$10.40
AST 2920	3/8-16	X	2 1/4"	TSHCS	1 1/4"	1"	\$10.40
AST 3910	1/2-20	X	1"	SHCS	0	1"	\$11.00
AST 3915	1/2-20	X	1 1/2"	SHCS	0	1 1/2"	\$12.67

**ALUMINUM SPACERS FOR Q-R SHOCKS / D-LINK / TIE ROD ( BLACK ANODIZED)**

P/N	DIA.	HEIGHT	OUTSIDE DIA.	
AST 1000 BA	1/2"	.200"	3/4"	\$1.95
AST 1001 BA	1/2"	.350"	7/8"	\$2.40

**PLASTIC SPACERS FOR Q-R SHOCKS / D-LINK / TIE ROD (BLACK)**

P/N	DIA.	HEIGHT	OUTSIDE DIA.	
AST 1000 PS	1/2"	.200"	3/4"	\$1.30

**ALUMINUM TORSION STOP JAM NUTS ( BLACK ANODIZED )**

P/N	5/8" HEX HEAD	
AST 1006 BA	7/16-20	\$1.85

**ALUMINUM TORSION STOP JAM NUTS ( BLACK ANODIZED )**

P/N	9/16 HEX DEAD	
1007 BA	7/16-20	\$1.85

**STAINLESS STEEL TORSION STOP JAM NUTS**

P/N	9/16" HEX HEAD	
AST 1007 SS	7/16-20	\$2.00

**(NEW) TITANIUM TORSION STOP JAM NUTS**

P/N	9/16" HEX HEAD	
AST 2007 TI	7/16-20	\$4.50

**STAINLESS STEEL TORSION STOP JAM NUTS**

AST 1008 SS	3/8-16	\$1.05
-------------	--------	--------

**ALUMINUM TORSION STOP JAM NUTS**

P/N	1/2" HEX HEAD	
AST 1009 AL	5/16-18	\$1.05

**ALUMINUM SPRINT TORSION STOPS WITH HARDWEAR.( NOTE: BLACK ANODIZED STOPS ADD \$2.00 )**

P/N	SPLIT	BOLTS	
AST 1062 S1	1 3/4"	STEEL BOLTS	\$26.65
AST 1062 T1	1 3/4"	TI BOLTS	\$49.56
AST 1062 S2	2"	STEEL BOLTS	\$26.62
AST 1062 T2	2"	TI BOLTS	\$49.56

**TITANIUM SPRINT TORSION STOPS WITH HARDWEAR**

P/N	SPLIT	BOLTS	
AST 1061 T1	1 3/4"	TI BOLTS	\$150.00
AST 1061 T2	2"	TI BOLTS	\$150.00

**12 POINT FREE SPIN FLANGE NUT (GREAT FOR HEADERS) BLACK COATED**

P/N	12 POINT NF	
AST 1023 FS	3/8-24	\$1.82

**ALUMINIUM 1/2-20 THIN / FULL HIGHT NYLOCK INSERT NUTS**

AST 0060 AL	1/2-20	FULL NYLOCK	\$3.25
-------------	--------	-------------	--------

**STEEL JET NUTS ( LOCK NUT REDUCED HEXAGON ) MOLY COATED**

P/N	NF		
AST 1030-R	1/2-20	<b>**PLEASE ALLOW 1 WEEK LEAD TIME**</b>	\$6.50
AST 1031 JN	7/16-20		CALL ON \$
AST 1032 JN	3/8-24		\$1.65
AST 1033 JN	5/16-24		\$1.30
AST 1034 JN	1/4-28		\$0.95
AST 1035 JN	10-32		\$0.60

**\*\*NEW\*\* TITANIUM (9/16" Hex Car Saver Flange Nut)**

If one of your heim inserts blows apart, this 1/2"-20 flange nut will not allow the heim to break loose from the bolt.  
 Made out of Titanium 6AL-4V material, this durable, one-piece nut has an OD of 1.125" and a 9/16" hex head.  
 We've also added holes in the flange for safety wire, making sure this nut stays put, even in the roughest conditions.  
*It is a must have piece and a definite car saver!*

AST 1030-DS	1/2-20	INDIVIDUAL	\$12.50
AST 1030-DSK	1/2-20	(4 PACK)	\$49.99

**TITANIUM 1/2-20 HEX FLANGE NUT (REDUCED DIA. TO ALLOW HEIM MOVEMENT, 9/16 HEX)**

	.350" NUT HEIGHT .680" OD (9/16"HEX)		
AST 1030-TI	1/2-20	INDIVIDUAL	\$6.50
AST 1030-TI10	1/2-20	(10 PACK)	\$65.00
AST 1030-TI20	1/2-20	(20 PACK)	\$130.00

**STAINLESS STEEL 1/2-20 HEX FLANGE NUT (REDUCED DIA. TO ALLOW HEIM MOVEMENT, 9/16 HEX)**

**\*\*SAME STYLE AS OUR TITANIUM NUTS, .350" NUT HEIGHT .680" OD (9/16"HEX)\*\***

AST 1030-SS	1/2-20	INDIVIDUAL	\$5.20
AST 1030-SS10	1/2-20	(10 PACK)	\$52.00
AST 1030-SS20	1/2-20	(20 PACK)	\$104.00

**TITANIUM WIDE FIVE HEX FLANGE FRONT HUB NUTS.**

AST 100 FH	3/8-16	INDIVIDUAL	\$5.70
AST 100-5 FH	3/8-16	(5 PACK)	\$29.25
AST 100-10 FH	3/8-16	(10 PACK)	\$58.50

**STEEL WIDE FIVE HEX FLANGE FRONT HUB NUTS.**

AST S-100 FH	3/8-16	INDIVIDUAL	\$1.30
AST S-100-5 FH	3/8-16	(5 PACK)	\$6.50
AST S-100-10 FH	3/8-16	(10 PACK)	\$13.00

**NYLON INSERT LOCKNUTS (HALF HIGH ) BLACK COATED**

P/N	NF	
AST 1010-B	1/2-20	\$0.52
AST 1017 B	7/16-20	\$0.52
AST 1011-B	3/8-24	\$0.29
AST 1012-B	5/16-24	\$0.22
AST 1013-B	1/4-28	\$0.20
AST 1014-B	10-32	\$0.17

**NYLON INSERT LOCKNUTS ( HALF HIGH ) ZINK BLUE**

P/N	NF	
AST 1011 HH	1/2-20	\$0.40
AST 1012 HH	3/8-24	\$0.26
AST 1013 HH	5/16-24	\$0.26
AST 1014 HH	1/4-28	\$0.20
AST 1015 HH	10-32	\$0.15

**NYLON INSERT LOCKNUTS ( STANDARD ) ZINK BLUE**

P/N	NF	
AST 1011-S	1/2-20	\$0.40
AST 1012-S	3/8-24	\$0.26
AST 1013-S	5/16-24	\$0.26
AST 1014-S	1/4-28	\$0.20
AST 1015-S	10-32	\$0.15

**AN L WASHERS ( LIGHT .032 )**

P/N	.032"	
AST 1020-L	1/2"	\$0.21
AST 1021-L	7/16"	\$0.20
AST 1022-L	3/8"	\$0.16
AST 1023-L	5/16"	\$0.13
AST 1024-L	1/4"	\$0.11

**AN WASHERS ( STANDARD .063 )**

P/N	.063"	
AST 1020-S	1/2"	\$0.25
AST 1021-S	7/16"	\$0.21
AST 1022-S	3/8"	\$0.17
AST 1023-S	5/16"	\$0.15
AST 1024-S	1/4"	\$0.13
AST 1025-S	#10	\$0.12

**RUE CLIPS Q-R SHOCK PINS, LADDER PINS, WING STANDS & CYLINDER**

P/N	DIA.	
AST 1002-R	1/2"	\$0.89
AST 1003-R	3/8"	\$0.82
AST 1004-R	5/16"	\$0.65
AST 1005-R	1/4"	\$0.59













































