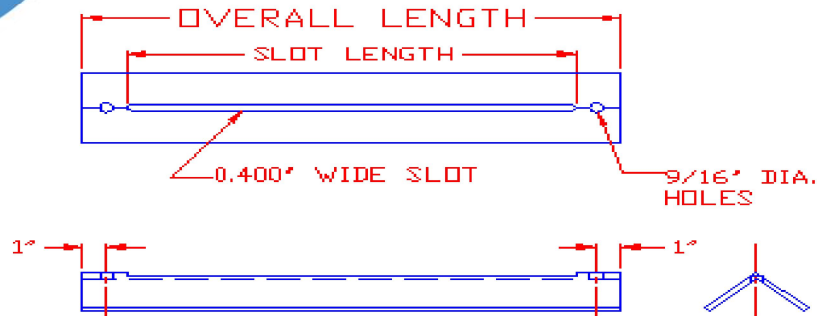




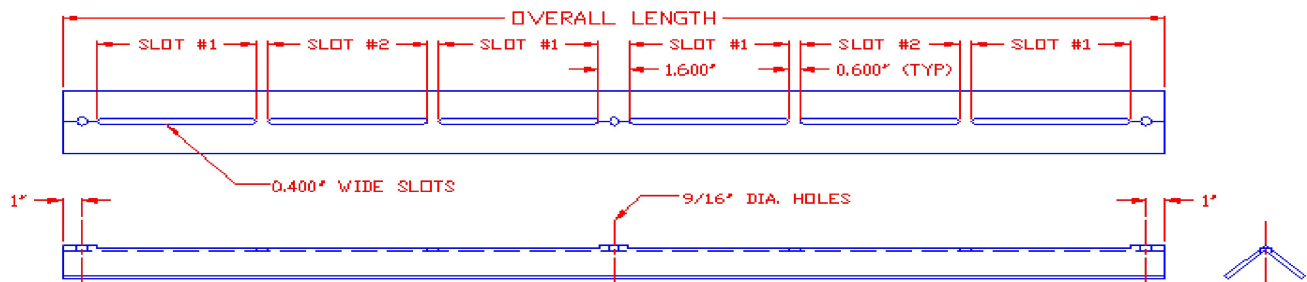
ROCKET RACK®

U.S. Patented, Unique Metal Solutions, LLC

1 SLOT TENTED ANGLE



6 SLOT TENTED ANGLE



General Information:

The slots and mounting holes are centered on the heel of the angle.

Loads on these tables are based on utilizing the outside mounting holes.

Load ratings are listed for two materials having the following properties:

Material	Yield Stress (KSI)	Mod of Elasticity (KSI)
304/316 Stainless Steel	30	28100
6061-T6 Aluminum	37	10000

Load ratings are based on an allowable stress equal to 60% of the material's Yield Stress, however it is suggested that the loads in the tables be reduced by a Factor of Safety of 2 for safe performance.

The patented ROCKET RACK® design is not limited to the configurations & sizes depicted in these drawings. U.S. Patent #D653,524 S

Manufacturing the patented ROCKET RACK® Conduit & Pipe Support Racks without the permission of Unique Metal Solutions, LLC, (by license, waiver, or other contract) can constitute infringement and expose the unauthorized user AND manufacturer to liability under U.S. Patent Law. ROCKET RACK® U.S. Patents: D608,183 S, D599,194 S, D599,193 S, D653, 524 S & D649,863 S



TENTED ANGLE ROCKET RACK®
item #TNT304.length

Section Properties of Reduced Section for Load and Deflection Rating			
Area	Moment of Inertia	Min. Section Mod.	Radius of Gyration
(lbs.)	(in.^4)	(in.^3)	(in.)
0.720	0.0642	0.1074	0.299

Tented 304 Stainless 2x2x1/4

PART NUMBER	Overall Length	Max Point Load (LB)	Deflection (IN)	L/240 (LB)	L/360 (LB)	Max. Dist. Load (LB)	Deflection (IN)	L/240 (LB)	L/360 (LB)
TNT304.12	12"	773	0.0089	773	773	1546	0.0112	1546	1546
TNT304.14	14"	644	0.0129	644	644	1288	0.0161	1288	1288
TNT304.16	16"	552	0.0175	552	552	1104	0.0219	1104	1104
TNT304.18	18"	483	0.0229	483	483	966	0.0286	966	966
TNT304.20	20"	429	0.0289	429	429	859	0.0362	859	859
TNT304.22	22"	386	0.0357	386	386	773	0.0447	773	773
TNT304.24	24"	351	0.0432	351	351	703	0.0540	703	703
TNT304.26	26"	322	0.0514	322	322	644	0.0643	644	644
TNT304.28	28"	297	0.0604	297	297	595	0.0755	595	569
TNT304.30	30"	276	0.0700	276	276	552	0.0875	552	491
TNT304.32	32"	258	0.0804	258	258	515	0.1005	515	427
TNT304.34	34"	242	0.0914	242	235	483	0.1143	483	376
TNT304.36	36"	227	0.1032	227	208	455	0.1290	455	333
TNT304.38	38"	215	0.1157	215	186	429	0.1447	429	297
TNT304.40	40"	203	0.1290	203	166	407	0.1612	400	266
TNT304.42	42"	193	0.1429	193	150	386	0.1786	361	240
TNT304.44	44"	184	0.1575	184	136	368	0.1969	327	218
TNT304.46	46"	176	0.1729	176	124	351	0.2161	298	199
TNT304.48	48"	168	0.1890	168	114	336	0.2362	273	182
TNT304.50	50"	161	0.2058	157	104	322	0.2572	250	167
TNT304.52	52"	155	0.2233	144	96	309	0.2791	231	154
TNT304.54	54"	149	0.2415	133	89	297	0.3019	213	142
TNT304.56	56"	143	0.2604	124	82	286	0.3255	198	132
TNT304.58	58"	138	0.2801	115	77	276	0.3501	184	123
TNT304.60	60"	133	0.3004	107	71	267	0.3755	172	114

For Slot Dimensions & Placement, Contact ROCKET RACK® 1-866-481-8899

The patented ROCKET RACK® design is not limited to the configurations & sizes depicted in these drawings. U.S. Patent #D653,524 S

Manufacturing the patented ROCKET RACK® Conduit & Pipe Support Racks without the permission of Unique Metal Solutions, LLC. (by license, waiver, or other contract) can constitute infringement and expose the unauthorized user AND manufacturer to liability under U.S. Patent Law. ROCKET RACK® U.S. Patents: D608,183 S, D599,194 S, D599,193 S, D653, 524 S & D649,863 S



TENTED ANGLE ROCKET RACK®
item #TNT316.length

Section Properties of Reduced Section for Load and Deflection Rating			
Area	Moment of Inertia	Min. Section Mod.	Radius of Gyration
(lbs.)	(in.^4)	(in.^3)	(in.)
0.720	0.0642	0.1074	0.299

Tented 316 Stainless 2x2x1/4

PART NUMBER	Overall Length	Max Point Load (LB)	Deflection (IN)	L/240 (LB)	L/360 (LB)	Max. Dist. Load (LB)	Deflection (IN)	L/240 (LB)	L/360 (LB)
TNT316.12	12"	773	0.0089	773	773	1546	0.0112	1546	1546
TNT316.14	14"	644	0.0129	644	644	1288	0.0161	1288	1288
TNT316.16	16"	552	0.0175	552	552	1104	0.0219	1104	1104
TNT316.18	18"	483	0.0229	483	483	966	0.0286	966	966
TNT316.20	20"	429	0.0289	429	429	859	0.0362	859	859
TNT316.22	22"	386	0.0357	386	386	773	0.0447	773	773
TNT316.24	24"	351	0.0432	351	351	703	0.0540	703	703
TNT316.26	26"	322	0.0514	322	322	644	0.0643	644	644
TNT316.28	28"	297	0.0604	297	297	595	0.0755	595	569
TNT316.30	30"	276	0.0700	276	276	552	0.0875	552	491
TNT316.32	32"	258	0.0804	258	258	515	0.1005	515	427
TNT316.34	34"	242	0.0914	242	235	483	0.1143	483	376
TNT316.36	36"	227	0.1032	227	208	455	0.1290	455	333
TNT316.38	38"	215	0.1157	215	186	429	0.1447	429	297
TNT316.40	40"	203	0.1290	203	166	407	0.1612	400	266
TNT316.42	42"	193	0.1429	193	150	386	0.1786	361	240
TNT316.44	44"	184	0.1575	184	136	368	0.1969	327	218
TNT316.46	46"	176	0.1729	176	124	351	0.2161	298	199
TNT316.48	48"	168	0.1890	168	114	336	0.2362	273	182
TNT316.50	50"	161	0.2058	157	104	322	0.2572	250	167
TNT316.52	52"	155	0.2233	144	96	309	0.2791	231	154
TNT316.54	54"	149	0.2415	133	89	297	0.3019	213	142
TNT316.56	56"	143	0.2604	124	82	286	0.3255	198	132
TNT316.58	58"	138	0.2801	115	77	276	0.3501	184	123
TNT316.60	60"	133	0.3004	107	71	267	0.3755	172	114

For Slot Dimensions & Placement, Contact ROCKET RACK® 1-866-481-8899

The patented ROCKET RACK® design is not limited to the configurations & sizes depicted in these drawings. U.S. Patent #D653,524 S

Manufacturing the patented ROCKET RACK® Conduit & Pipe Support Racks without the permission of Unique Metal Solutions, LLC. (by license, waiver, or other contract) can constitute infringement and expose the unauthorized user AND manufacturer to liability under U.S. Patent Law. ROCKET RACK® U.S. Patents: D608,183 S, D599,194 S, D599,193 S, D653, 524 S & D649,863 S



TENTED ANGLE ROCKET RACK®
item #TNTALU.length

Section Properties of Reduced Section for Load and Deflection Rating			
Area	Moment of Inertia	Min. Section Mod.	Radius of Gyration
(lbs.)	(in.^4)	(in.^3)	(in.)
0.720	0.0642	0.1074	0.299

Tented 6061-T6 Aluminum 2x2x1/4

PART NUMBER	Overall Length	Max Point Load (LB)	Deflection (IN)	L/240 (LB)	L/360 (LB)	Max. Dist. Load (LB)	Deflection (IN)	L/240 (LB)	L/360 (LB)
TNTALU.12	12"	953	0.0310	953	856	1907	0.0387	1907	1369
TNTALU.14	14"	794	0.0446	794	594	1589	0.0557	1426	951
TNTALU.16	16"	681	0.0607	655	437	1362	0.0758	1048	698
TNTALU.18	18"	596	0.0792	501	334	1192	0.0990	802	535
TNTALU.20	20"	530	0.1003	396	264	1059	0.1253	634	422
TNTALU.22	22"	477	0.1238	321	214	953	0.1548	513	342
TNTALU.24	24"	433	0.1498	265	177	867	0.1872	424	283
TNTALU.26	26"	397	0.1783	223	149	794	0.2228	356	238
TNTALU.28	28"	367	0.2092	190	127	733	0.2615	304	202
TNTALU.30	30"	340	0.2427	164	109	681	0.3033	262	175
TNTALU.32	32"	318	0.2786	143	95	636	0.3482	228	152
TNTALU.34	34"	298	0.3169	125	84	596	0.3962	201	134
TNTALU.36	36"	280	0.3578	111	74	561	0.4472	178	118
TNTALU.38	38"	265	0.4011	99	66	530	0.5014	158	106
TNTALU.40	40"	251	0.4469	89	59	502	0.5587	142	95
TNTALU.42	42"	238	0.4952	80	53	477	0.6190	128	86
TNTALU.44	44"	227	0.5460	73	49	454	0.6825	116	78
TNTALU.46	46"	217	0.5992	66	44	433	0.7490	106	71
TNTALU.48	48"	207	0.6549	61	40	414	0.8186	97	65
TNTALU.50	50"	199	0.7131	56	37	397	0.8914	89	59
TNTALU.52	52"	191	0.7738	51	34	381	0.9672	82	55
TNTALU.54	54"	183	0.8369	47	32	367	1.0461	76	51
TNTALU.56	56"	177	0.9025	44	29	353	1.1281	70	47
TNTALU.58	58"	170	0.9706	41	27	340	1.2133	65	44
TNTALU.60	60"	164	1.0412	38	25	329	1.3015	61	41

For Slot Dimensions & Placement, Contact ROCKET RACK ® 1-866-481-8899

The patented ROCKET RACK® design is not limited to the configurations & sizes depicted in these drawings. U.S. Patent #D653,524 S

Manufacturing the patented ROCKET RACK® Conduit & Pipe Support Racks without the permission of Unique Metal Solutions, LLC. (by license, waiver, or other contract) can constitute infringement and expose the unauthorized user AND manufacturer to liability under U.S. Patent Law. ROCKET RACK® U.S. Patents: D608,183 S, D599,194 S, D599,193 S, D653, 524 S & D649,863 S



TENTED ANGLE ROCKET RACK®
 item #3X.TNT304.length

Section Properties of Reduced Section for Load and Deflection Rating			
Area	Moment of Inertia	Min. Section Mod.	Radius of Gyration
(lbs.)	(in.^4)	(in.^3)	(in.)
1.220	0.3061	0.3217	0.501

Tented 304 Stainless 3x3x1/4

PART NUMBER	Overall Length	Max Point	Deflection (IN)	L/240 (LB)	L/360 (LB)	Max. Dist.	Deflection (IN)	L/240 (LB)	L/360 (LB)
		Load (LB)				Load (LB)			
3X.TNT304.36	36"	681	0.0649	681	681	1363	0.0811	1363	1363
3X.TNT304.38	38"	643	0.0727	643	643	1287	0.0909	1287	1287
3X.TNT304.40	40"	610	0.0810	610	610	1219	0.1013	1219	1219
3X.TNT304.42	42"	579	0.0898	579	579	1158	0.1122	1158	1147
3X.TNT304.44	44"	552	0.0990	552	552	1103	0.1237	1103	1040
3X.TNT304.46	46"	526	0.1086	526	526	1053	0.1358	1053	948
3X.TNT304.48	48"	504	0.1187	504	504	1007	0.1484	1007	867
3X.TNT304.50	50"	483	0.1293	483	483	965	0.1616	965	796
3X.TNT304.52	52"	463	0.1403	463	459	927	0.1754	927	734
3X.TNT304.54	54"	445	0.1517	445	424	891	0.1897	891	679
3X.TNT304.56	56"	429	0.1636	429	393	858	0.2045	858	629
3X.TNT304.58	58"	414	0.1760	414	366	827	0.2200	827	585
3X.TNT304.60	60"	399	0.1888	399	341	799	0.2360	799	545
3X.TNT304.62	62"	386	0.2020	386	319	772	0.2525	764	510
3X.TNT304.64	64"	374	0.2157	374	298	747	0.2696	716	477
3X.TNT304.66	66"	362	0.2298	362	280	724	0.2873	672	448
3X.TNT304.68	68"	351	0.2444	351	263	702	0.3055	632	421
3X.TNT304.70	70"	341	0.2595	341	248	681	0.3243	595	397
3X.TNT304.72	72"	331	0.2750	331	234	662	0.3437	562	374

For Slot Dimensions & Placement, Contact ROCKET RACK® 1-866-481-8899

The patented ROCKET RACK® design is not limited to the configurations & sizes depicted in these drawings. U.S. Patent #D653,524 S

Manufacturing the patented ROCKET RACK® Conduit & Pipe Support Racks without the permission of Unique Metal Solutions, LLC. (by license, waiver, or other contract) can constitute infringement and expose the unauthorized user AND manufacturer to liability under U.S. Patent Law. ROCKET RACK® U.S. Patents: D608,183 S, D599,194 S, D599,193 S, D653, 524 S & D649,863 S



TENTED ANGLE ROCKET RACK®
item #3X.TNT316.length

Section Properties of Reduced Section for Load and Deflection Rating			
Area	Moment of Inertia	Min. Section Mod.	Radius of Gyration
(lbs.)	(in.^4)	(in.^3)	(in.)
1.220	0.3061	0.3217	0.501

Tented 316 Stainless 3x3x1/4

PART NUMBER	Overall Length	Max Point	Deflection	L/240	L/360	Max. Dist.	Deflection	L/240	L/360
		Load (LB)	(IN)	(LB)	(LB)	Load (LB)	(IN)	(LB)	(LB)
3X.TNT316.36	36"	681	0.0649	681	681	1363	0.0811	1363	1363
3X.TNT316.38	38"	643	0.0727	643	643	1287	0.0909	1287	1287
3X.TNT316.40	40"	610	0.0810	610	610	1219	0.1013	1219	1219
3X.TNT316.42	42"	579	0.0898	579	579	1158	0.1122	1158	1147
3X.TNT316.44	44"	552	0.0990	552	552	1103	0.1237	1103	1040
3X.TNT316.46	46"	526	0.1086	526	526	1053	0.1358	1053	948
3X.TNT316.48	48"	504	0.1187	504	504	1007	0.1484	1007	867
3X.TNT316.50	50"	483	0.1293	483	483	965	0.1616	965	796
3X.TNT316.52	52"	463	0.1403	463	459	927	0.1754	927	734
3X.TNT316.54	54"	445	0.1517	445	424	891	0.1897	891	679
3X.TNT316.56	56"	429	0.1636	429	393	858	0.2045	858	629
3X.TNT316.58	58"	414	0.1760	414	366	827	0.2200	827	585
3X.TNT316.60	60"	399	0.1888	399	341	799	0.2360	799	545
3X.TNT316.62	62"	386	0.2020	386	319	772	0.2525	764	510
3X.TNT316.64	64"	374	0.2157	374	298	747	0.2696	716	477
3X.TNT316.66	66"	362	0.2298	362	280	724	0.2873	672	448
3X.TNT316.68	68"	351	0.2444	351	263	702	0.3055	632	421
3X.TNT316.70	70"	341	0.2595	341	248	681	0.3243	595	397
3X.TNT316.72	72"	331	0.2750	331	234	662	0.3437	562	374

For Slot Dimensions & Placement, Contact ROCKET RACK® 1-866-481-8899

The patented ROCKET RACK® design is not limited to the configurations & sizes depicted in these drawings. U.S. Patent #D653,524 S

Manufacturing the patented ROCKET RACK® Conduit & Pipe Support Racks without the permission of Unique Metal Solutions, LLC. (by license, waiver, or other contract) can constitute infringement and expose the unauthorized user AND manufacturer to liability under U.S. Patent Law. ROCKET RACK® U.S. Patents: D608,183 S, D599,194 S, D599,193 S, D653, 524 S & D649,863 S



TENTED ANGLE ROCKET RACK®
 item #3X.TNTALU.length

Section Properties of Reduced Section for Load and Deflection Rating			
Area	Moment of Inertia	Min. Section Mod.	Radius of Gyration
(lbs.)	(in.^4)	(in.^3)	(in.)
1.220	0.3061	0.3217	0.501

Tented 6061-T6 Aluminum 3x3x1/4

PART NUMBER	Overall	Max Point	Deflection	L/240	L/360	Max. Dist.	Deflection	L/240	L/360
	Length	Load (LB)	(IN)	(LB)	(LB)	Load (LB)	(IN)	(LB)	(LB)
3X.TNTALU.36	36"	840	0.2248	530	353	1681	0.2810	847	565
3X.TNTALU.38	38"	794	0.2520	472	315	1587	0.3150	756	504
3X.TNTALU.40	40"	752	0.2808	424	283	1504	0.3510	678	452
3X.TNTALU.42	42"	714	0.3112	383	255	1428	0.3889	612	408
3X.TNTALU.44	44"	680	0.3431	347	231	1360	0.4288	555	370
3X.TNTALU.46	46"	649	0.3765	316	211	1299	0.4706	506	337
3X.TNTALU.48	48"	621	0.4115	289	193	1242	0.5144	463	309
3X.TNTALU.50	50"	595	0.4481	266	177	1190	0.5601	425	283
3X.TNTALU.52	52"	571	0.4862	245	163	1143	0.6077	392	261
3X.TNTALU.54	54"	549	0.5259	226	151	1099	0.6573	362	241
3X.TNTALU.56	56"	529	0.5671	210	140	1058	0.7089	336	224
3X.TNTALU.58	58"	510	0.6099	195	130	1020	0.7623	312	208
3X.TNTALU.60	60"	493	0.6542	182	121	985	0.8178	291	194
3X.TNTALU.62	62"	476	0.7001	170	113	952	0.8751	272	181
3X.TNTALU.64	64"	461	0.7476	159	106	922	0.9344	255	170
3X.TNTALU.66	66"	446	0.7966	149	100	893	0.9957	239	159
3X.TNTALU.68	68"	433	0.8471	141	94	866	1.0589	225	150
3X.TNTALU.70	70"	420	0.8992	132	88	840	1.1241	212	141
3X.TNTALU.72	72"	408	0.9529	125	83	816	1.1912	200	133

For Slot Dimensions & Placement, Contact ROCKET RACK® 1-866-481-8899

The patented ROCKET RACK® design is not limited to the configurations & sizes depicted in these drawings. U.S. Patent #D653,524 S

Manufacturing the patented ROCKET RACK® Conduit & Pipe Support Racks without the permission of Unique Metal Solutions, LLC. (by license, waiver, or other contract) can constitute infringement and expose the unauthorized user AND manufacturer to liability under U.S. Patent Law. ROCKET RACK® U.S. Patents: D608,183 S, D599,194 S, D599,193 S, D653, 524 S & D649,863 S