

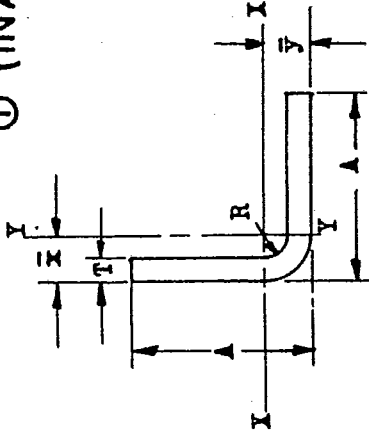
NATIONAL AIRCRAFT STANDARD

① (INACTIVE FOR NEW DESIGN)

$\bar{x}$ & $\bar{y}$ - Locate Center of Gravity
 I - Moment of Inertia (Inches 4th)
 ρ - Radius of Gyration (Inches)

Material and length to be specified
 when ordering.

Weights shown are for 24S alloy.



DASH NUMBERS	DIMENSIONS			AREA SQ. IN.	WEIGHT/ FT.	DEV. WIDTH	SECTION ELEMENTS		
	A ± .020	T	R ± .010				M	I	ρ
1		.020	.020	.0193	.0235	.969	.134	.00034	.1334
2	.500	.025	.025	.0240	.0293	.963	.136	.00042	.1330
3		.032	.032	.0303	.0372	.947	.140	.00053	.1325
4		.025	.025	.0271	.0329	1.087	.152	.00061	.1497
5	.562	.032	.032	.0343	.042	1.071	.155	.00076	.1492
6		.040	.040	.0423	.0515	1.059	.159	.00093	.1485
7		.032	.032	.0383	.0468	1.197	.171	.00106	.1662
8	.625	.040	.040	.0474	.0580	1.185	.175	.00130	.1656
9		.051	.051	.0595	.0734	1.166	.180	.00161	.1647
10		.032	.032	.0423	.0514	1.323	.187	.00142	.1832
11	.688	.040	.040	.0524	.0640	1.311	.190	.00175	.1826
12		.051	.051	.0659	.0800	1.292	.196	.00218	.1817
13		.032	.032	.0463	.0563	1.447	.202	.00183	.1988
14	.750	.040	.040	.0574	.0702	1.435	.206	.00228	.1994
15		.051	.051	.0722	.0885	1.416	.211	.00285	.1985
16		.064	.064	.0893	.1103	1.395	.217	.00348	.1974
17		.072	.072	.0989	.123	1.375	.222	.00385	.1973

LIMITS: UNLESS OTHERWISE SPECIFIED:-

APPROVED DATE	CLASSIFICATION	STANDARD
OCTOBER 1943	ANGLES - EQUAL LEG, ROLLED FORM ALUMINUM ALLOY	NAS 180

ISSUANCE OF THIS STANDARD CONSTITUTES APPROVAL OF BOTH THE EASTERN AND WESTERN DIVISIONS OF THE NATIONAL AIRCRAFT STANDARD

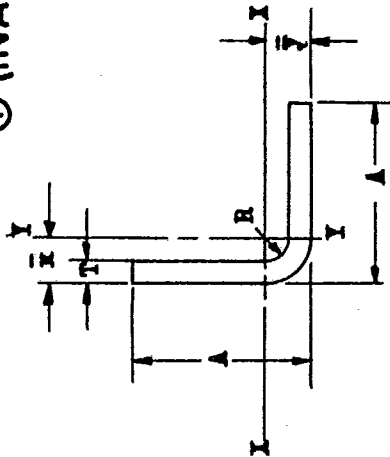
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Weights - - - - - AS A. OY.



DASH NUMBERS	DIMENSIONS			AREA SQ. IN.	WEIGHT/ FT.	DEV. WIDTH	SECTION ELEMENTS		
	A ±.020	T	R ±.010				M	I	ρ
18		.040	.040	.0624	.0760	1.561	.2217	.00292	.2163
19		.051	.051	.0787	.0965	1.542	.2268	.00365	.2155
20	.813	.064	.064	.0973	.1200	1.521	.2330	.00448	.2144
21		.072	.090	.1080	.1342	1.501	.2380	.00496	.2144
22		.081	.101	.1202	.1501	1.484	.2425	.00549	.2137
23		.040	.040	.0674	.079	1.685	.2372	.00366	.2331
24		.051	.051	.0850	.100	1.666	.2423	.00458	.2322
25	.875	.064	.064	.1053	.122	1.645	.2484	.00563	.2312
26		.072	.090	.1169	.153	1.625	.2534	.00624	.2311
27		.081	.101	.1303	.162	1.608	.2579	.00692	.2304
28		.040	.040	.0774	.091	1.935	.2684	.00551	.2669
29		.051	.051	.0977	.115	1.916	.2735	.00691	.2660
30	1.000	.064	.064	.1213	.142	1.895	.2796	.00851	.2650
31		.072	.090	.1349	.157	1.875	.2845	.00937	.2649
32		.081	.101	.1505	.186	1.858	.2890	.01051	.2642
33		.091	.116	.1674	.209	1.842	.2940	.01163	.2635

LIMITS: UNLESS OTHERWISE SPECIFIED:-

APPROVED DATE	CLASSIFICATION	STANDARD
OCTOBER 1943	ANGLES - EQUAL LEG, ROLLED FORM, ALUMINUM ALLOY	NAS 180 Sheet 2 of 6

REVISED: ① June 11, 1945