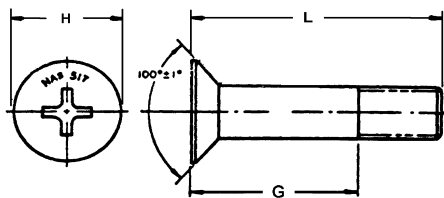


## STRUCTURAL SCREWS

### NAS517

PHILLIPS 100 DEG FLAT HEAD (CLOSE TOL)

MATERIAL - ALLOY STEEL PER MIL-S-6049  
 FINISH - CAD PLATE PER QQ-P-416 TYPE II  
 HEAT TREAT - 160,000 - 180,000 PSI UTS

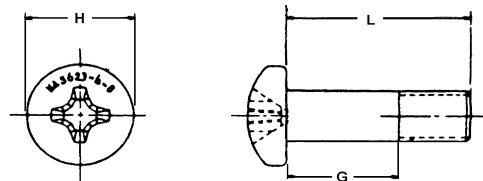


THREAD		8-32	10-32	1/4-28	
H MIN		0.287	0.337	0.452	
TENSILE LBS/MIN		1740	2490	4520	
DOUB. SHEAR LBS/MIN		4010	5380	9300	
G	L	DASH	DASH	L	DASH
-	0.406	-	3-0	-	-
-	0.469	2-1	3-1	0.531	4-1
0.125	0.531	2-2	3-2	0.594	4-2
0.188	0.594	2-3	3-3	0.656	4-3
0.250	0.656	2-4	3-4	0.719	4-4
0.312	0.719	2-5	3-5	0.781	4-5
0.375	0.781	2-6	3-6	0.844	4-6
0.438	0.844	2-7	3-7	0.906	4-7
0.500	0.906	2-8	3-8	0.969	4-8
0.562	0.969	2-9	3-9	1.031	4-9
0.625	1.031	2-10	3-10	1.093	4-10
0.688	1.093	2-11	3-11	1.156	4-11
0.750	1.156	2-12	3-12	1.219	4-12
0.812	1.219	2-13	3-13	1.281	4-13
0.875	1.281	2-14	3-14	1.343	4-14
1.000	1.406	2-16	3-16	1.468	4-16
1.125	1.531	-	3-18	1.594	4-18
1.250	1.656	-	3-20	1.719	4-20
1.375	1.781	-	3-22	1.844	4-22
1.500	1.906	-	3-24	1.969	4-24

### NAS623

PHILLIPS PAN HEAD, SHORT THREAD

MATERIAL - ALLOY STEEL PER MIL-S-6049  
 FINISH - CAD PLATE PER QQ-P-416 TYPE II  
 HEAT TREAT - 160,000 - 180,000 PSI UTS



THREAD		8-32	10-32	1/4-28	
H		0.314	0.365	0.483	
TENSILE LBS/MIN		1740	2490	4520	
DOUB. SHEAR LBS/MIN		4010	5380	9300	
G	L	DASH	DASH	L	DASH
0.062	0.338	2-1	-	-	-
0.125	0.401	2-2	3-2	0.440	4-2
0.188	0.464	2-3	3-3	0.504	4-3
0.250	0.526	2-4	3-4	0.566	4-4
0.312	0.588	2-5	3-5	0.628	4-5
0.375	0.651	2-6	3-6	0.601	4-6
0.438	0.714	2-7	3-7	0.754	4-7
0.500	0.776	2-8	3-8	0.816	4-8
0.562	0.838	2-9	3-9	0.878	4-9
0.625	0.901	2-10	3-10	0.941	4-10
0.688	0.964	2-11	3-11	1.004	4-11
0.750	1.026	2-12	3-12	1.066	4-12
0.812	1.088	2-13	3-13	1.128	4-13
0.875	1.151	2-14	3-14	1.191	4-14
0.938	1.214	2-15	3-15	1.214	4-15
1.000	1.276	2-16	3-16	1.276	4-16
1.062	1.338	2-17	3-17	1.338	4-17
1.125	1.401	2-18	3-18	1.401	4-18
1.188	1.464	-	3-19	1.464	4-19
1.250	1.526	2-20	3-20	1.526	4-20
1.312	1.588	-	3-21	1.588	4-21
1.375	1.651	2-22	3-22	1.651	4-22
1.438	1.714	-	3-23	1.714	4-23
1.500	1.776	2-24	3-24	1.776	4-24