

AS3490

FEDERAL SUPPLY CLASS
4730

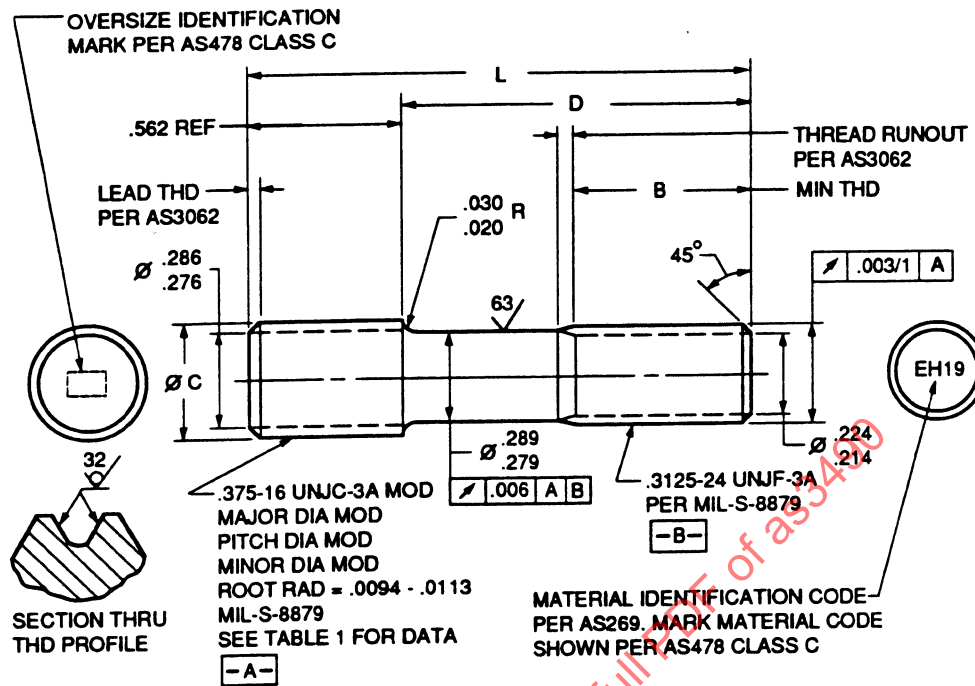
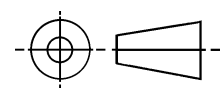


FIGURE 1

THIRD ANGLE PROJECTION



PREPARED BY SAE COMMITTEE E-25, GENERAL STANDARDS FOR AEROSPACE PROPULSION SYSTEMS

SAE Aerospace
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AEROSPACE STANDARD

STUD-STEPPED, 1.5 DIA ENGAGEMENT,
.375-16 UNJC-3A MOD X .3125-24 UNJF-3A
(UNS S66286)

AS3490
SHEET 1 OF 3

TABLE 1 - STANDARD AND OVERSIZE

OVERSIZE IDENTIFICATION	STANDARD	+.003	+.006	+.009	+.012
φC MAJOR DIA MOD	.370 - .375	.370 - .375	.370 - .375	.379 - .384	.379 - .384
PITCH DIA MOD	.3392 - .3407	.3422 - .3437	.3452 - .3467	.3482 - .3497	.3512 - .3527
PITCH DIA LEAD THD	.3324 - .3344	.3354 - .3374	.3384 - .3404	.3414 - .3434	.3444 - .3464
MINOR DIA MOD	.3038 - .3091	.3068 - .3121	.3098 - .3151	.3128 - .3181	.3158 - .3211

TABLE 2 - LENGTHS

D	L	B MIN	STANDARD PART NO.	+.003 PART NO.	+.006 PART NO.	+.009 PART NO.	+.012 PART NO.
.688	1.250	.500	AS3490-011	AS3490-012	AS3490-013	AS3490-014	AS3490-015
.750	1.312	.562	AS3490-016	AS3490-017	AS3490-018	AS3490-019	AS3490-020
.813	1.375	.625	AS3490-021	AS3490-022	AS3490-023	AS3490-024	AS3490-025
.876	1.438	.625	AS3490-026	AS3490-027	AS3490-028	AS3490-029	AS3490-030
.938	1.500	.625	AS3490-031	AS3490-032	AS3490-033	AS3490-034	AS3490-035
.969	1.531	.625	AS3490-036	AS3490-037	AS3490-038	AS3490-039	AS3490-040
1.000	1.562	.625	AS3490-041	AS3490-042	AS3490-043	AS3490-044	AS3490-045
1.063	1.625	.625	AS3490-046	AS3490-047	AS3490-048	AS3490-049	AS3490-050
1.126	1.688	.625	AS3490-051	AS3490-052	AS3490-053	AS3490-054	AS3490-055
1.188	1.750	.625	AS3490-056	AS3490-057	AS3490-058	AS3490-059	AS3490-060
1.250	1.812	.625	AS3490-061	AS3490-062	AS3490-063	AS3490-064	AS3490-065
1.313	1.875	.625	AS3490-066	AS3490-067	AS3490-068	AS3490-069	AS3490-070
1.376	1.938	.625	AS3490-071	AS3490-072	AS3490-073	AS3490-074	AS3490-075
1.438	2.000	.625	AS3490-076	AS3490-077	AS3490-078	AS3490-079	AS3490-080
1.500	2.062	.625	AS3490-081	AS3490-082	AS3490-083	AS3490-084	AS3490-085
1.563	2.125	.625	AS3490-086	AS3490-087	AS3490-088	AS3490-089	AS3490-090
1.626	2.188	.625	AS3490-091	AS3490-092	AS3490-093	AS3490-094	AS3490-095
1.688	2.250	.625	AS3490-096	AS3490-097	AS3490-098	AS3490-099	AS3490-100
1.750	2.312	.625	AS3490-101	AS3490-102	AS3490-103	AS3490-104	AS3490-105
1.876	2.438	.625	AS3490-106	AS3490-107	AS3490-108	AS3490-109	AS3490-110
2.000	2.562	.625	AS3490-111	AS3490-112	AS3490-113	AS3490-114	AS3490-115
2.126	2.688	.625	AS3490-116	AS3490-117	AS3490-118	AS3490-119	AS3490-120
2.250	2.812	.625	AS3490-121	AS3490-122	AS3490-123	AS3490-124	AS3490-125
2.376	2.938	.625	AS3490-126	AS3490-127	AS3490-128	AS3490-129	AS3490-130
2.500	3.062	.625	AS3490-131	AS3490-132	AS3490-133	AS3490-134	AS3490-135
2.626	3.188	.625	AS3490-136	AS3490-137	AS3490-138	AS3490-139	AS3490-140
2.750	3.312	.625	AS3490-141	AS3490-142	AS3490-143	AS3490-144	AS3490-145
2.876	3.438	.625	AS3490-146	AS3490-147	AS3490-148	AS3490-149	AS3490-150
3.000	3.562	.625	AS3490-151	AS3490-152	AS3490-153	AS3490-154	AS3490-155
3.126	3.688	.625	AS3490-156	AS3490-157	AS3490-158	AS3490-159	AS3490-160
3.250	3.812	.625	AS3490-161	AS3490-162	AS3490-163	AS3490-164	AS3490-165
3.376	3.938	.625	AS3490-166	AS3490-167	AS3490-168	AS3490-169	AS3490-170
3.500	4.062	.625	AS3490-171	AS3490-172	AS3490-173	AS3490-174	AS3490-175