



REV	ITEM	PART NUMBER	DESCRIPTION
1	1	2167504	VIEWPORT/VACUUM GAUGE FLANGE - BLANK
1	2	820002	ISO NW160 HALF-NIPPLE, CUT TO 1.5" LG. MDC P/N
4	3	715108	KF NW40 HALF-NIPPLE, 1.58" LG. MDC P/N

UNLESS OTHERWISE SPECIFIED		SHOP ORDERS	
X ± .1	FRACTION ± 1/64	ACCT. NO.	8212-CT
XX ± .01	ANGLES ± 1°	DATE	
XXX ± .005	FINISH 64-7	DELIVER TO	
THREADS ARE CLASS 2		SURFACE TREATMENT	
CHAMFER ENDS OF ALL SCREW THREADS 30°		DEGREASE	
DRILL POINTS AND REAMERS		TAG	
BREAK EDGES .016 MAX. ON MACHINED WORK		DATE	
REMOVE BURRS WELD SPATTER & LOOSE SCALE		BY	
REFERENCES: ANSI Y14.5 & B46.1		DATE	

REV	DWG	CHK	ZONE	DATE	CHANGES
1					

LAWRENCE BERKELEY LABORATORY	
UNIVERSITY OF CALIFORNIA-BERKELEY	
SNS-FES ION SOURCE AND LEBT	
MECHANICAL SYSTEMS	
VIEWPORT/VACUUM GAUGE FLANGE WELDMENT	
PATENT CLEAR SCALE FULL	
ASSEMBLY SHOWN ON SCALE FULL	
DESIGN ACT. NO. CATEGORY CODE	
8210-11 FE3111	
DWG. NO. SIZE REV.	
2167514 1	