



BILL OF MATERIALS			
DESCRIPTION	CONFIG DESCRIPTION	MATERIAL	FINISH
Tripod Mount	Default	6061-T6	NONE
escent Frame	Default	6061-T6	NONE
Post Clamp	Default	6061-T6	NONE
haft, Tilt Adj	Default	6061-T6	None
HCS, English	.250-20 x 1.00L	18-8 Stainless	None
NAS 620	NAS 620-C416 0.255 ID x 0.468 OD x 0.062 Thk	N/A	NONE
Adjustable Handle			
Ball Joint			
taucer, Rear	Outer	Copper 110	NONE
d Cap, Cones	Rear	Bronze 954	None
Ring, Cones, Outer	O-Ring	Copper, Common 110	None
taucer, Rear	Inner	Copper 110	NONE
Ring, Cones, Inner.	O-Ring	Copper, Common 110	None
Cone, Front	Outer	Copper 110	NONE
d Cap, Cones	Front	Bronze 954	None
Ring, Cones, Outer	Face	Copper, Common 110	None
Cone, Front	Inner	Copper 110	NONE
Ring, Cones, Inner.	Face	Copper, Common 110	None
Baffle	Front	McM 9305T61 or 9227T53	NONE
Baffle	Back	McM 9305T61 or 9227T53	NONE
nsulator Rod	Default	Polysulfone, Rigid (McM 8676K39)	NONE
mp Ring, Cones	Default	6061-T6	NONE
Tilt Axle	Default	Brass	NONE
HCS, English	.250-20 x 0.75L	18-8 Stainless	None
ple, Male, Hex	1/8"	Brass	N/A
HCS, English	#10-32 x .62L	18-8 Stainless	None
O-ring	2-235	Viton	NONE
O-ring	2-244	Viton	NONE
O-ring	2-279	Viton	NONE
O-ring	2-280	Viton	NONE
ignment Plug	Default	Polycarbonate, Clear	N/A
Plate, Motor-Bearing	Default	6061-T6	NONE
Hex Standoff, M-F	0.250-20 x 1.00, Al	N/A	NONE
Hex Standoff, F-F	0.250-20 x 2.5 Al	N/A	NONE
upport, Cap, Sacrificial	Default	6061-T6	NONE
ap, Sacrificial	Default	6061-T6	NONE
earing Block	Default	6061-T6	NONE
ydron Bearing			
or Mount Plate	Default	6061-T6	NONE
Smartmotor			
, Drive Belt, Motor	Default	6061-T6	N/A
HCS, English	#10-32 x 0.75L	18-8 Stainless	None
NAS 620	NAS 620-C10 0.195 ID x 0.354 OD x 0.063 Thk	N/A	NONE
O-ring, Drive	0.250 x 6.00"	Buna or Silicone	NONE
HCS, English	.250-20 x 0.88L	18-8 Stainless	None
or Mount Tube	Default	6061-T6	Anodize Clear
ustom Mirror	Default		NONE
Mirror Clamp	Default	303	Anodize Clear
nglish BHSCS	#4-40 x 0.50L		
Mirror Mount Tube	Default	6061-T6	NONE
t Head SHCS	#10-32 x .62L x 82°	N/A	NONE
or Other Compliant Mat'l	Default		NONE

APPROVALS	DATE	INTERNAL AND EXTERNAL INTERSECTIONS SHALL BE UNIFORMLY FINISHED WITH A CHAMFER .005/.010 X 45° OR RADIUS .005/.010. CHAMFER ALL THREADED HOLES 110% OF MAJOR DIAMETER X 45°	DESCRIPTION: Laser Power Meter, 20KW			
ENGINEERING			P/N: p12082-400-0		CONFIG DESC: Default	
MANUFACTURING			FILE NAME: p12082-400-A Laser Power Meter, 20KW			
QUALITY			FOLDER: P:\Projects\2012\12082 NIST Laser Power Meter\p12082 Eng\P12082 CAD\			
MATERIAL: See BOM		THIS PRINT & ITS RELATED MODEL ARE THE DOCUMENTATION OF RECORD. UNLESS OTHERWISE SPECIFIED, ALL FEATURES MUST CONFORM TO .010 TOTAL WIDE PROFILE OF A SURFACE. INTERPRET DWG PER ASME Y14.5M 1994	SIZE	SCALE: 1:3	DRAWN BY: Dan Bryce	REV
FINISH: N/A			B	SHEET 1 OF 1	DATE PRINTED: 1/17/2013	A

DRAFT!