



SEE NOTE 5

L3BT TM45 000XX ↓

THICKER EDGE

1. THE WEDGE ANGLE ALONG THE SHORT EDGE BETWEEN SURFACES S1 AND S2 WILL BE 10' ± 5'.
- 2.1 ALL SHARP EDGES (EXCEPT INNER HOLE EDGES) WITH CHAMFER 2±0,5MM FOR 45DEG
- 2.2 S1 AND S2 CHAMFERS POLISHED TO NO VISIBLE GRAY
- 3.1 HOLE EDGES WITH PROTECTIVE CHAMFER
- 3.2 INNER HOLE AND PERIMETER SURFACES WILL BE FINE GROUND GRIT 400
4. SURFACE S2 SHOULD BE COMMERCIAL POLISH
5. FZU UNIQUE PART NUMBER ON THICKER SIDE OF THE SUBSTRATE, TO BE APPLIED BY SANDBLASTING, CHARACTERS 7 ± 3

SURFACE S1	MATERIAL	SURFACE S2
FLAT		FLAT
Coating: UNCOATED	UV FUSED SILICA MIRROR GRADE	Coating: UNCOATED
3/ REFLECTED RMS WAVEFRONT SLOPE ERROR		
ZONE A: RMS surface flatness < 15nm POWER REMOVED for spatial periods >3mm		
RMS surface gradient < 1.5urad for spatial periods 3 to 33mm		
ZONE B : RMS surface flatness best effort < 20nm POWER REMOVED for spatial periods >3mm)		
4/ SEE NOTE 1		
5/ 20-10		
Environment: High Vacuum 1E-6mbar <0.1% RH;20°C; class 100 clean room		
Micro roughness Rq<1nm for spatial periods <3mm		

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Drawn by: MH	Projection	Scale 1:2	Sheet size A2
Chkd by:			Dwg. title L3BT_160mm_hole_45deg
Date: 18/01/2022			
Material: UV FS MIRROR GRADE		All dimensions in mm	Dwg. no./TC ID
Raw mat.:		Tolerance: ISO10110	Rev. 01
Weight: 16.4 kg		Note:	Eti no.: