



EXPOSED SURFACE  
ACTUAL SIZE

- \* FLATNESS 0.20mm / 100mm
- \* ANGULARITY 1°
- \* STRAIGHTNESS 0.60mm / 300mm
- \* TWIST 0.50° / 300mm 5° max

\* = 1/2 STANDARD TOLERANCE

MOMENTS OF INERTIA:

- $I_{xx} = 120\,360\text{ mm}^4$
- $I_{yy} = 120\,360\text{ mm}^4$
- RadG<sub>x</sub> = 13 mm
- RadG<sub>y</sub> = 13 mm
- XC<sub>Right</sub> = 21.00 mm
- XC<sub>Left</sub> = 21.00 mm
- YC<sub>top</sub> = 21.00 mm
- YC<sub>bot</sub> = 21.00 mm
- Z<sub>xx</sub>top = 5 731 mm<sup>3</sup>
- Z<sub>xx</sub>bot = 5 731 mm<sup>3</sup>
- Z<sub>yy</sub>right = 5 731 mm<sup>3</sup>
- Z<sub>yy</sub>left = 5 731 mm<sup>3</sup>

0.40 RADIUS ON ALL OUTSIDE CORNERS  
UNLESS OTHERWISE SPECIFIED

EXTRUDED FINISH : ARCHITECTURAL

CUSTOMER DRAWING APPROVAL  
This drawing has been checked for ALL design requirements and approved.  
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Customer.....  
Eng. Design Checked by.....Date.....  
Final Approved.....Date.....

NO	DATE	DR	REVISION
1	11/10/93	RB	42.0 6.75 WERE 41.50 4.55 C/N 1469

AREA	747.5	SQ MM
WEIGHT	2.026	KG M
PERIMETER	221.5	MM
ANOD PERIM	131.9	MM
PAIN PERIM	131.9	MM
POLISH PERIM	0.0	MM
C CIRCLE DIA	42	MM
FACTOR	109	
ALLOY	6063	
TEMPER	T6	

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Defining Spaces

CUSTOMER <b>G. JAMES EXTRUSION Co.</b>			
CUSTOMER PART NAME <b>42 X 6.75 ROUND TUBE</b>		NO.	
SCALE <b>2:1</b>	TOLERANCES IN ACCORDANCE WITH AS/NZS 1866:1997 APPLY UNLESS OTHERWISE SPECIFIED		
DRAWN <b>BPW</b>	CHECK	DATE <b>14/08/91</b>	DWG. NO. <b>950-124</b>