



Notes—

- 01. Surface defects are allowed (Scratches or grooves) with in a depth of 0.2mm
- 02. Surface must be free from oxidation
- 03. Flatness—0.007/MM of width
- 04. Twist—1.70MM/M
- 05. Straightness—1.70MM/M
- 06. Angularity—±1°
- 07. Surface roughness—Rz .25μ max
- 08. Chemical composition as per EN 573-3—
Fe: 0.5max, Si: 0.7-1.3,
Mn: 0.4-1, Cr: 0.25max,
Ti: 0.11max, Cu: 0.1max,
Mg: 0.6-1.2, Zn: 0.2max,
Others: each 0.05; total 0.15,
—: Al-remainder
- 09. Mechanical properties as per
DIN EN 755-2 Extruded rod/bar
Tensile strength (Rm) T6— min 310 MPa,
0.2% proof strength (Rp0.2) T6— min 260 MPa,
Min. elongation at fracture (A) T6— min 10 %,
Min. elongation (Lo = 50mm) T6—min 8 %,
Brinell hardness T6— min 90 BHN

27 JUN 2015
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REV. NO.	PREVIOUS DIMN. ALTERATION	ALTER DIMN.	DONE BY	CHKD BY	APVD BY	REV. DATE
2015						

CONTINENTAL ENGINES LIMITED		SCALE - N.T.S.
SIGN	DATE	
DRAWN: MUKESH	06.06.15	
CHKD: <i>[Signature]</i>		
APVD: <i>[Signature]</i>		
TITLE		NO. OF SHEET
SELESPED BODY (RAW)		01
VALVE BODY		
MAT.-EN AW6082UNIEN573-3 T6		
PROJECT- H-204	DRG. NO.- CP4204001	SHEET NO.- 01

F&F—Fit & function characteristics

DD.0116106.B	B-2
CUST. DRG No.	REV. No.

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NOTES :- 1. ALL DIMENSIONS ARE IN MM. 2. DO NOT SCALE DRAWING. 3. IF IN DOUBT, PLEASE ASK.

OPEN TOLERANCES	0.5~6 ±0.1	6~30 ±0.2	30~120 ±0.3	120~400 ±0.5
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