

# Liaoning Zhongwang Import+Export Trade Co.,Ltd

Inspection Certificate (EN 10204-3.1)



MADE OUT TO: AMCO METAL-SERVICE GMBH  
Purchase Order Number: 99816  
GOODS DESCRIPTION: ALUMINIUM EXTRUSIONS  
BUNDLE  
NET WEIGHT:  
GROSS WEIGHT:

| No. | Die No       | Alloy & Temper | Description     | Heat Number  | Lot Number | CHEMICAL COMPOSITION: % EN753-3 |      |      |      |      |      |      |      |    |    |    |       | MECHANICAL PROPERTIES: EN755-2 |       |     |                            |                            |                | SIZES: EN755-3    |                 |              |           | WEIGHT: KGS |
|-----|--------------|----------------|-----------------|--------------|------------|---------------------------------|------|------|------|------|------|------|------|----|----|----|-------|--------------------------------|-------|-----|----------------------------|----------------------------|----------------|-------------------|-----------------|--------------|-----------|-------------|
|     |              |                |                 |              |            | Si                              | Mg   | Fe   | Cu   | Mn   | Cr   | Ti   | Zn   | Ni | Pb | Bi | Zr+Ti | Other                          |       | A1  | Ultimate Strength Rm (MPa) | Yield Strength Rp0.2 (MPa) | Elongation A % | Demand on drawing | Reference value | Actual Value | appraisal |             |
| 1   | SOMA_A000091 | 6082-T6        | Round bar 100mm | YK1619050008 | YH33       | 1.0                             | 0.6  | 0.12 | 0.02 | 0.45 | 0.02 | 0.03 | 0.02 | -  | -  | -  | -     | ≤0.05                          | ≤0.15 | REM | 350                        | 321                        | 17.0           | Dimension 100     | ±0.55           | 100.12       | O.K.      |             |
| 2   | SOMA_A001074 | 6082-T6        | Round bar 110mm | YK1619040008 | YH55       | 1.0                             | 0.6  | 0.11 | 0.02 | 0.46 | 0.01 | 0.03 | 0.02 | -  | -  | -  | -     | ≤0.05                          | ≤0.15 | REM | 345                        | 313                        | 18.0           | Dimension 110     | ±0.65           | 110.06       | O.K.      |             |
| 3   | SOMA_A001076 | 5083-H112      | Round bar 120mm | YK1419040009 | YH66       | 0.07                            | 4.4  | 0.14 | 0.07 | 0.7  | 0.08 | 0.06 | 0.02 | -  | -  | -  | -     | ≤0.05                          | ≤0.15 | REM | 340                        | 208                        | 16.5           | Dimension 120     | ±1.0            | 120.14       | O.K.      |             |
| 4   | SOMA_A001076 | 6082-T6        | Round bar 120mm | YK1619040001 | YH37       | 1.0                             | 0.7  | 0.11 | 0.01 | 0.47 | 0.00 | 0.02 | 0.02 | -  | -  | -  | -     | ≤0.05                          | ≤0.15 | REM | 354                        | 322                        | 18.0           | Dimension 120     | ±0.65           | 120.18       | O.K.      |             |
| 5   | SOMA_A000342 | 6082-T6        | Round bar 40mm  | YK1619040038 | YH21       | 1.0                             | 0.6  | 0.12 | 0.01 | 0.44 | 0.01 | 0.02 | 0.02 | -  | -  | -  | -     | ≤0.05                          | ≤0.15 | REM | 345                        | 324                        | 17.0           | Dimension 40      | ±0.30           | 40.06        | O.K.      |             |
| 6   | SOMA_A000764 | 6082-T6        | Round bar 45mm  | YK1619040032 | YH22       | 1.1                             | 0.6  | 0.14 | 0.02 | 0.44 | 0.01 | 0.02 | 0.02 | -  | -  | -  | -     | ≤0.05                          | ≤0.15 | REM | 373                        | 357                        | 17.0           | Dimension 45      | ±0.35           | 45.04        | O.K.      |             |
| 7   | SOMA_A000341 | 5083-H112      | Round bar 50mm  | A19010967    | U1         | 0.19                            | 4.40 | 0.13 | 0.01 | 0.70 | 0.13 | 0.04 | 0.01 | -  | -  | -  | -     | ≤0.05                          | ≤0.15 | REM | 339.00                     | 197.00                     | 17.00          | Dimension 50      | ±0.45           | 49.74        | OK        |             |
| 8   | SOMA_A000341 | 6082-T6        | Round bar 50mm  | YK1619040012 | YH23       | 1.0                             | 0.6  | 0.10 | 0.03 | 0.46 | 0.01 | 0.02 | 0.04 | -  | -  | -  | -     | ≤0.05                          | ≤0.15 | REM | 375                        | 360                        | 16.0           | Dimension 50      | ±0.35           | 50.06        | O.K.      |             |
| 9   | SOMA_A000560 | 6082-T6        | Round bar 65mm  | YK1418050017 | YH26       | 1.0                             | 0.6  | 0.13 | 0.02 | 0.45 | 0.01 | 0.03 | 0.03 | -  | -  | -  | -     | ≤0.05                          | ≤0.15 | REM | 351                        | 323                        | 18.0           | Dimension 65      | ±0.45           | 65.12        | O.K.      |             |
| 10  | SOMA_A000286 | 6082-T6        | Round bar 80mm  | YK1519050011 | YH29       | 1.0                             | 0.6  | 0.14 | 0.03 | 0.46 | 0.02 | 0.03 | 0.04 | -  | -  | -  | -     | ≤0.05                          | ≤0.15 | REM | 348                        | 323                        | 16.0           | Dimension 80      | ±0.45           | 80.06        | O.K.      |             |
| 11  | SOMA_A000064 | 5083-H112      | Round bar 90mm  | YK1519060001 | YH64       | 0.18                            | 4.5  | 0.16 | 0.01 | 0.7  | 0.12 | 0.02 | 0.02 | -  | -  | -  | -     | ≤0.05                          | ≤0.15 | REM | 346                        | 204                        | 18.0           | Dimension 90      | ±0.90           | 90.08        | O.K.      |             |
| 12  | SOMA_A000066 | 6082-T6        | Round bar 20mm  | A19100740    | F1         | 1.0                             | 0.7  | 0.16 | 0.05 | 0.47 | 0.03 | 0.03 | 0.02 | -  | -  | -  | -     | ≤0.05                          | ≤0.15 | REM | 377                        | 369                        | 14.5           | Dimension 20      | ±0.25           | 19.96        | O.K.      |             |

Signature:

Zhang Xu

Quality Manager

张旭

5083  
A 190 40 967  
latte Bezeichnung

FA 212  
5083  
neue Bezeichnung

# Umstempelbescheinigung Nach EN 10204 – 3.1

**Hephata**  
Dietrich

Kundenbestellnummer: 623443

Wir bestätigen / bescheinigen dass die gelieferten Zuschnitte:

| Pos | Gegenstand / Abmessung                       | Anzahl | alte Kennzeichnung<br>Werkstoff:<br>Schmelze:<br>Hersteller: | neue Kennzeichnung<br>Werkstoff:<br>Schmelze:<br>Zeichen: | Zu<br>Attest<br>Nr. |
|-----|----------------------------------------------|--------|--------------------------------------------------------------|-----------------------------------------------------------|---------------------|
| 1   | 341010 Muffe<br>G3/4 50x20 FL<br>AL Mg 4,505 | 104    | 5083<br>A19040967                                            | 5083<br>FA 212                                            | EP<br>10204-<br>3.1 |
|     |                                              |        |                                                              |                                                           |                     |
|     |                                              |        |                                                              |                                                           |                     |
|     |                                              |        |                                                              |                                                           |                     |
|     |                                              |        |                                                              |                                                           |                     |
|     |                                              |        |                                                              |                                                           |                     |
|     |                                              |        |                                                              |                                                           |                     |
|     |                                              |        |                                                              |                                                           |                     |

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HE

durch Zeugnis nach EN 10204 3.1 ausgewiesen und die Stempelung vor dem Trennen übertragen wurde.

Zum Zeichen der ordnungsgemäßen Umstempelung wurden die Zuschnitte mit unserem Stempel (1 HE – 2 HE – 3 HE) versehen.

Das Umstempeln erfolgt mit Zustimmung der TÜV Techn. Überwachung Hessen GmbH gemäß Umstempelvereinbarung vom 11.03.2020.

Schwalmstadt, den 31.05.21

Unterschrift

Raß

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HE