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| **DAMAGES** |
| |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | **Localisation** | | | **Type** | **Dimension** | | **Repair** | | **Part** | **Side** | **Position** | **Nominal** | **Damage** | | {{part}} | N/A | N/A | NonConformity 0001:  Incorrect Shape | **“Profil de forme”**  CH12 à CH22 PROS2 0,50  ± 0,25 | **“Profil de forme”**  CH12 à CH22 PROS2 0,587mm HT  0,087mm  Max 0,294mm HT 0,044mm | Acceptable as is | | **Perpendicularity:**  PLAN CC PERP 0.05mm | **Perpendicularity:**  PLAN CC PERP 0,068mm HT 0,018mm | Acceptable as is | | **Perpendicularity:**  PLAN DC PERP 0.05mm | **Perpendicularity:**  PLAN DC PERP 0,055mm HT 0,005mm | Acceptable as is | | NonConformity 0002:  Hole incorrectly positioned | **Localization**  Dia 0.15mm | **Ø59H7 DC- CC**  Loca=0,178mm ; HT =0,028mm | Acceptable as is | | **Localization**  Dia 0.15mm | **Ø45H7 AC BC**  Loca=0,187mm ; HT =0,037mm | Acceptable as is | |

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| **DESIGN VIEW – MOCK UP** |

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| **PREVIOUS CASES :** | **N/A** |
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| **CHECK** | |
| |  |  |  |  | | --- | --- | --- | --- | |  | **Concession completeness** | **Reason if Incomplete** | **RTO** | | **Format** | **Complete** |  |  | | **Technical data** | **Complete** |  |  | | |
| **IMPACT** | |
| |  |  |  | | --- | --- | --- | |  | **Damage part** | **Surrounding parts** | | **Non conformity** | **Incorrect Shape + Hole incorrectly positioned** | **N/A** | | **Repair Solution** | **N/A** | **N/A** | | **Function** | **{{part}}** | **N/A** | | **Stress** | **Pending** | **N/A** | | **SRM** | **N/A** | **N/A** | | **IPC** | **N/A** | **N/A** | | |

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| **ANALYSIS** |
| **Non-conformity 0001:**  **Profile de forme PROS 2:**  The deviation has no impact on:  - The mechanical functioning of the RWD MOUNT SUB ASSY.  - Its assembly with surrounded parts.  **Perpendicularity:**  HT spotface perpendicularity deviation is 0.018mm on one side and 0.005mm on the other side.   * Reduction of gap between both spotfaces: 0.023 mm   A shouldered bush is in contact with the lug spotface. Clearance in this zone (between bush and shackle) is 0.3mm (2 x 0.15mm).  Clearance > HT deviation.    **Calculation of the lasting gap between the shackle and the bushes**  Extract from G71210318    Extract from G00030025    Extract from G71210077    Worst gap case without deviation:  72.9 – 60-6.2-6.2 = 0.5mm  Deviations = 0.068mm and 0.055mm (theorical max) –> total 0.068+ 0.055 = 0.123 mm  Worst gap case with deviations:  0.5 -0.123 = 0.377 mm  The installation of the shackle is possible.  **Non-conformity 0002:**  **Localisation:**  The value(s) out of tolerance are (is) too low to impact Design and can be covered by NC.  Acceptable as is. |
| **DISPOSITION** |
| Non-Conformities 0001 and 0002 :  Acceptable as is. |
| **CONCLUSION** |
| Non-Conformities 0001 and 0002 :  Acceptable as is.  Pending Stress assesment. |