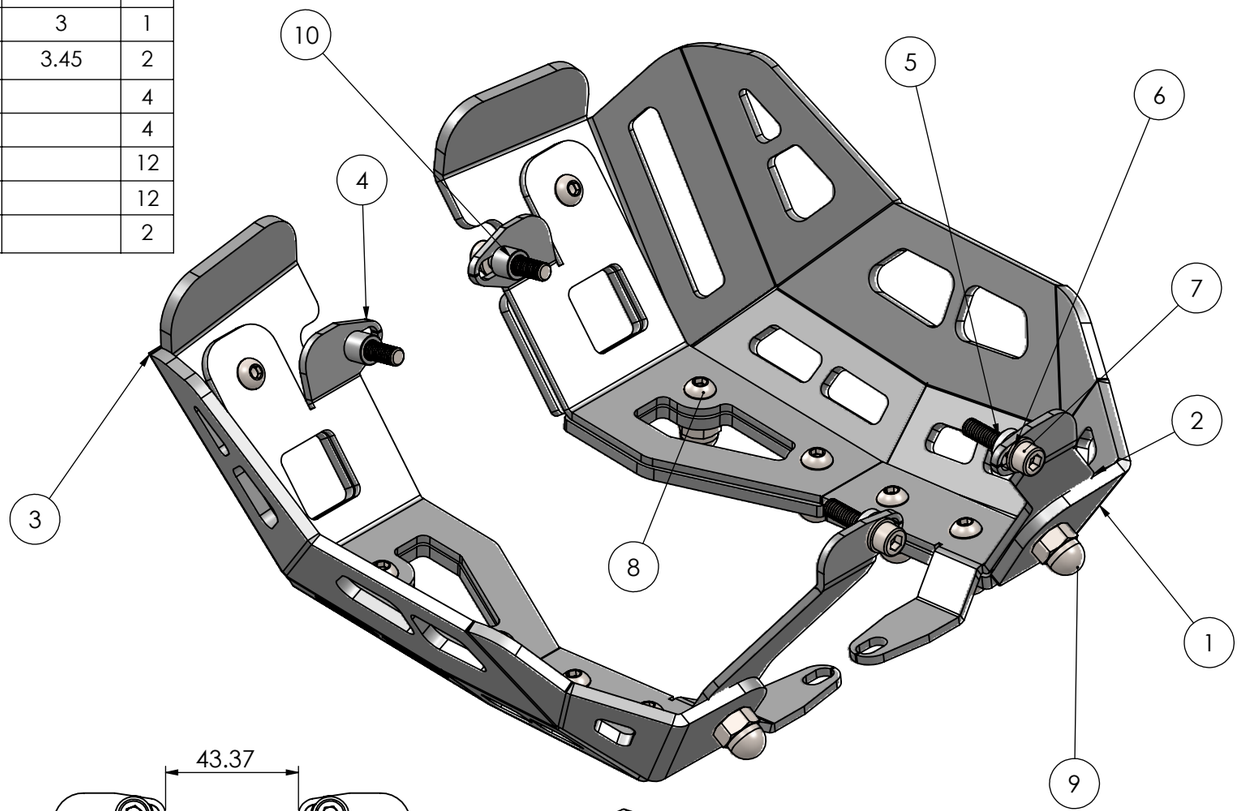
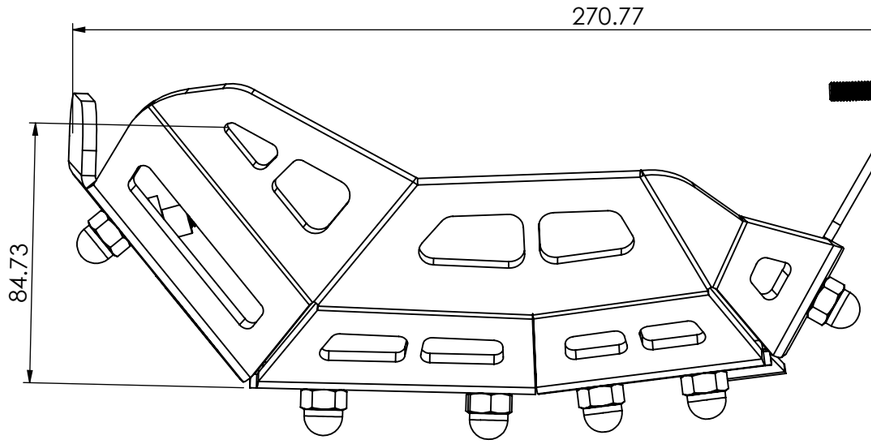
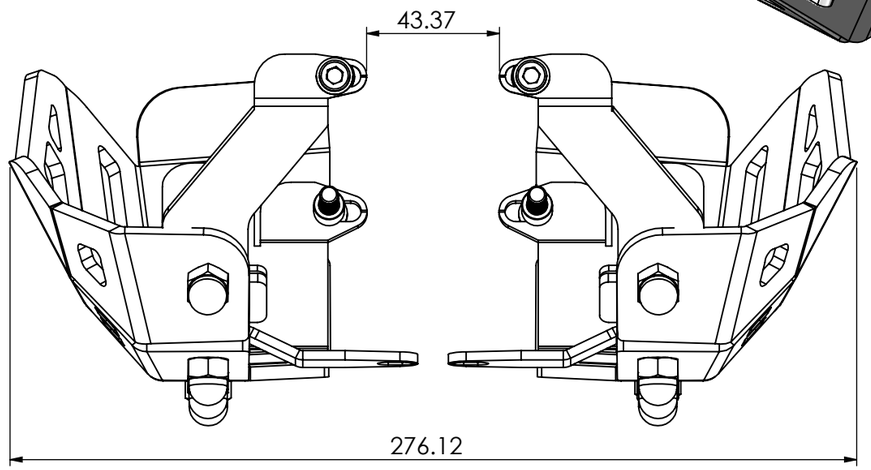
| ITEM NO. | PART NUMBER | DESCRIPTION | MATERIAL | STOCK SIZE | QTY. |
|---|---|---|---|---|---|
| 1 | P090315001 | RH BMW Cylinder Head Protector Natural | ALU1200H4 | 4.5 | 1 |
| 2 | P090315002 | RH  Upper Protector Bracket | SS304 (3) | 3 | 1 |
| 3 | P090315003 | LH BMW Cylinder Head Protector Natural | ALU1200H4 | 4.5 | 1 |
| 4 | P090315004 | LH Upper Protector Bracket | SS304 (3) | 3 | 1 |
| 5 | WENG-BUS-1615 | Back Spacer For 1200&GS Cylinder Head Protector | ALU1200H4 | 3.45 | 2 |
| 6 | WFST-I7089SS-M06 | Flat Washer SS - M06 - 12x06.6 | | | 4 |
| 7 | WFST-I4762SS-M06x025 | Hexagon Socket Head Cap Screw SS-M06x025 | | | 4 |
| 8 | WFST-I7380SS-M06x16 | Socket Button Head Cap Screw-SS-M06x16 | | | 12 |
| 9 | DIN 1587 - M8 --NNU | | | | 12 |
| 10 | WENG-BUS-2055 | Spacer 8L x 6.5ID x 10OD | Aluminium | | 2 |




Process Needed:

- Deburr (Shaker)
- Bending
- Powder Coat (Black)
- Assemble
- Package

ALL METRIC THREAD TOL: TO 6H (INTERNAL) AND 6g (EXTERNAL) U.O.S
REMOVE ALL SHARP EDGES WHERE APPLICABLE.

| MACHINING TOLERANCE | | GENERAL TOLERANCE | |
|---|---|---|---|
| ISO 2780-1 U.O.S LINEAR DIMENSIONS CLASS: FINE | | ISO 2780-1 U.O.S LINEAR DIMENSIONS CLASS: MEDIUM | |
| 0.5 UP TO 3 ± 0.05 | 120 UP TO 400 ± 0.2 | 0.5 UP TO 3 ± 0.1 | 120 UP TO 400 ± 0.5 |
| 3 UP TO 6 ± 0.05 | 400 UP TO 1000 ± 0.3 | 3 UP TO 6 ± 0.1 | 400 UP TO 1000 ± 0.8 |
| 6 UP TO 30 ± 0.1 | 1000 UP TO 2000 ± 0.5 | 6 UP TO 30 ± 0.2 | 1000 UP TO 2000 ± 1.2 |
| 30 UP TO 120 ± 0.15 | 2000 UP TO 4000 ± 1.0 | 30 UP TO 120 ± 0.3 | 2000 UP TO 4000 ± 2.0 |
| ANGULAR DIMENSIONS | | ANGULAR DIMENSIONS | |
| UP TO 10° ± 1° | 120° UP TO 400° ± 0°10' | UP TO 10° ± 1° | 120° UP TO 400° ± 0°10' |
| 10° UP TO 50° ± 0°30' | OVER 400° ± 0°5' | 10° UP TO 50° ± 0°30' | OVER 400° ± 0°5' |
| 50° UP TO 120° ± 0°20' | | 50° UP TO 120° ± 0°20' | |

| | | | | | |
|---|---|---|---|---|---|
| STRAIGHTNESS | CIRCULARITY | PROFILE OF ANY LINE | POSITION | CIRCULAR RUN-OUT | LEAST MATERIAL CONDITION |
| FLATNESS | CYLINDRICITY | PROFILE OF ANY SURFACE | CONCENTRICITY | TOTAL RUN-OUT | MAXIMUM MATERIAL CONDITION |
| PARALLELISM | PERPENDICULARITY | ANGULARITY | SYMMETRY | ENVELOPE PRINCIPLE | PROJECTED TOLERANCE ZONE |

| REV | Detail of REV | Date: | Name: |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

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3 PROJECTION METHOD: RD ANGLE

| | Name: | Signature: | Date: |
|---|---|---|---|
| DRAWN: | | | |
| CHECKED: | | | |
| APPROVED: | | | |
| MFG: | | | |
| QA: | | | |
| SCALE: | 1:5 | | |
| FINISH: | | MATERIAL: | |

| | |
|---|---|
| FILE NAME: | A090315 |
| DESCRIPTION: | R1200&GS Cylinder Head Protectors Black |
| DWG No. | |
| DATE PRINTED: | 12/04/2024 |
| SHEET | 1 # 8 |
| REV | B |
| SURFACE TREATMENT: | |

MOTORRADICAL
Outlast Adventure