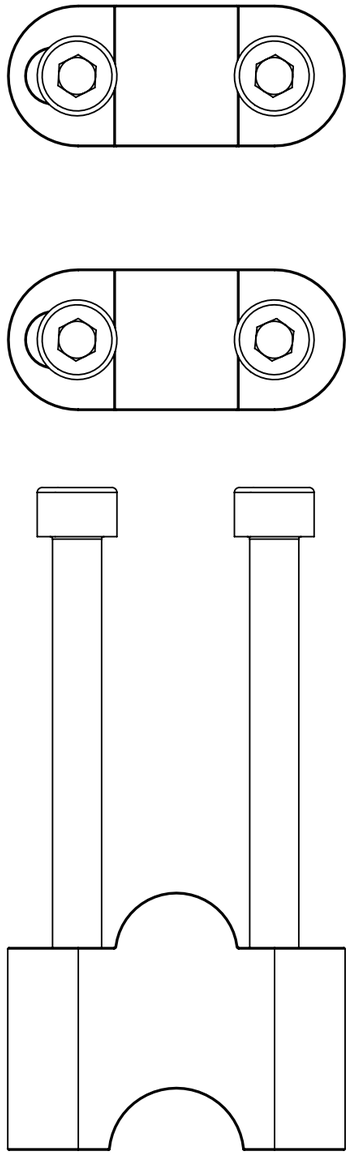
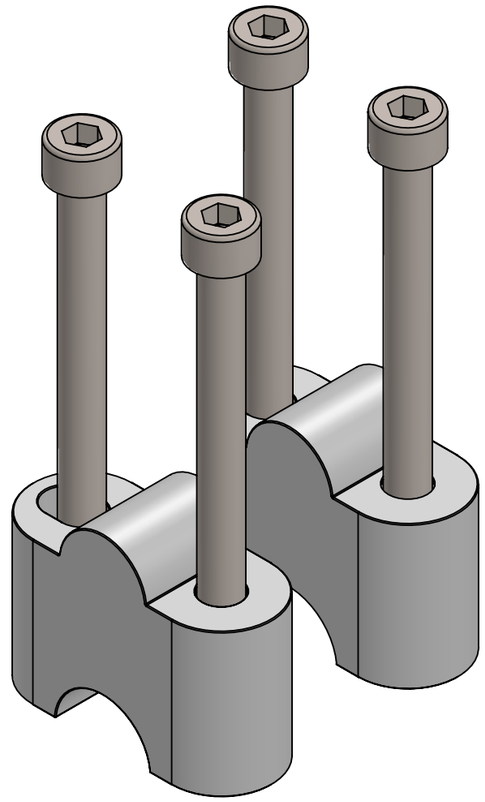
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	WENG-BUS-1660	BMW R1150GS Adventure Handlebar Raisers	2
2	WFST-I4762SS-M08x100	Hexagon Socket Head Cap Screw SS-M08x100	4





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
FLATNESS	CYLINDRICITY	PROFILE OF ANY SURFACE	CONCENTRICITY	TOTAL RUN-OUT
PARALLELISM	PERPENDICULARITY	ANGULARITY	SYMMETRY	ENVELOPE PRINCIPLE

LEAST MATERIAL CONDITION
MAXIMUM MATERIAL CONDITION
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: 2:1
FINISH:
MATERIAL:

FILE NAME:	A090200
DESCRIPTION:	BMW R1150GS/R1150GS Adventure Handlebar Raise
DWG No.	
DATE PRINTED:	24/02/2020
SHEET	1 # 2
REV	B
SURFACE TREATMENT:	

MOTORRADICAL Engineered to Outlast Adventure
BrightWing TECHNOLOGIES