

(B) CAUTION

Risk:

Tool and/or bedplate damage

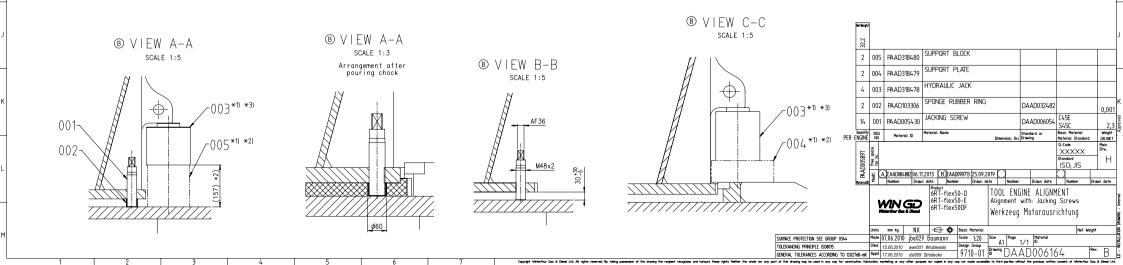
Countermeasure:

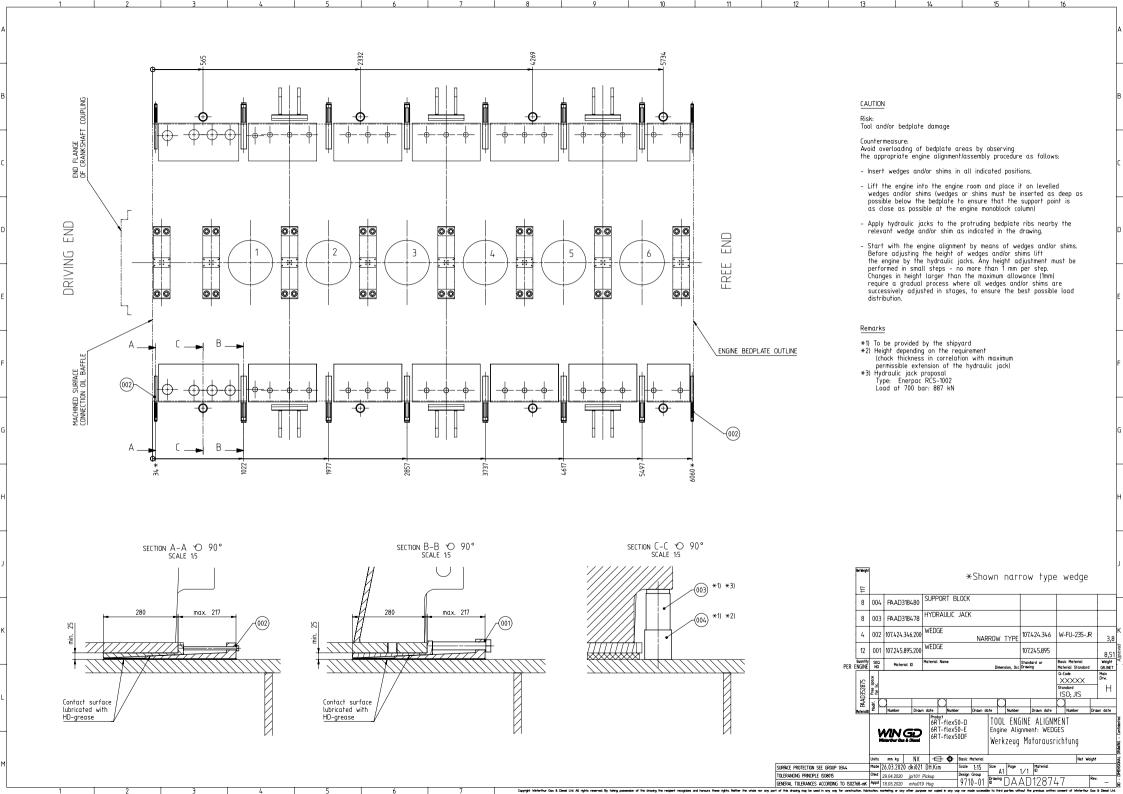
Avoid overloading of jacking screws and/or bedplate areas by observing the appropriate engine alignment/ assembly procedure as follows:

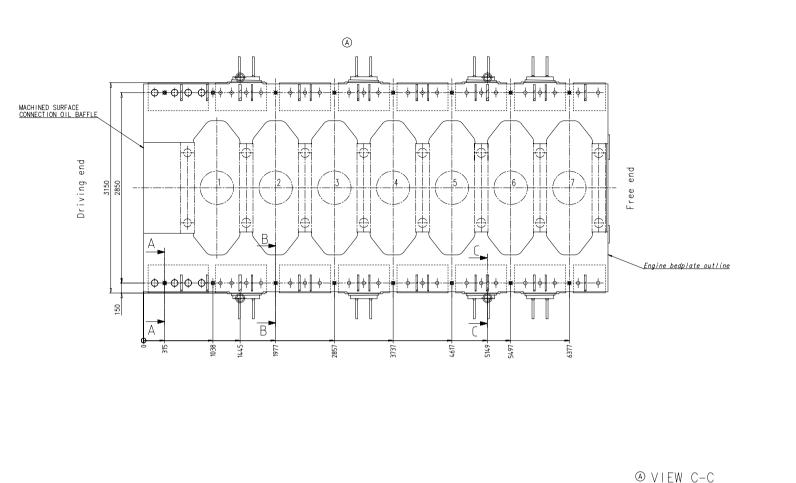
- Lift the engine into the engine room and place it on levelled , temporary blocks, underneath the bedplate beside the jacking screws.
- Screw in all jacking screws until touching the foundation top plate (the full number of jacking screws must be used)
- Apply hydraulic jacks to the protruding bedplate ribs nearby the jacking screws as indicated in the drawing.
- Remove the temporary blocks by slightly lifting the engine with the hydraulic jacks.
- Start with the engine alignment by means of jacking screws. Before turning a jacking screw, reduce its load by use of the hydraulic jacks. Any height adjustment must be performed in small steps no more than 1 mm per step (equals to 1/2 screw turn, based on 2 mm thread pitch). Changes in height larger than the maximum allowance (1 mm) require a gradual process where all jacking screws are successively adjusted in stages, to ensure the best possible load distribution.

(B) Remarks

- *1) To be provided by the shipyard
- *2) Height depending on the requirement (chock thickness in correlation with maximum permissible extension of the hydraulic jack)
- *3) Hydraulic jack proposal Type: Enerpac RCS-1002 Load at 700 bar: 880 kN







(A) CAUTION

Risk: Tool and/or bedplate damage

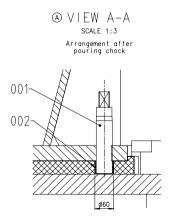
Countermeasure:

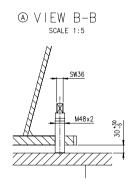
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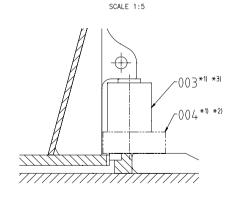
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(A) Remarks

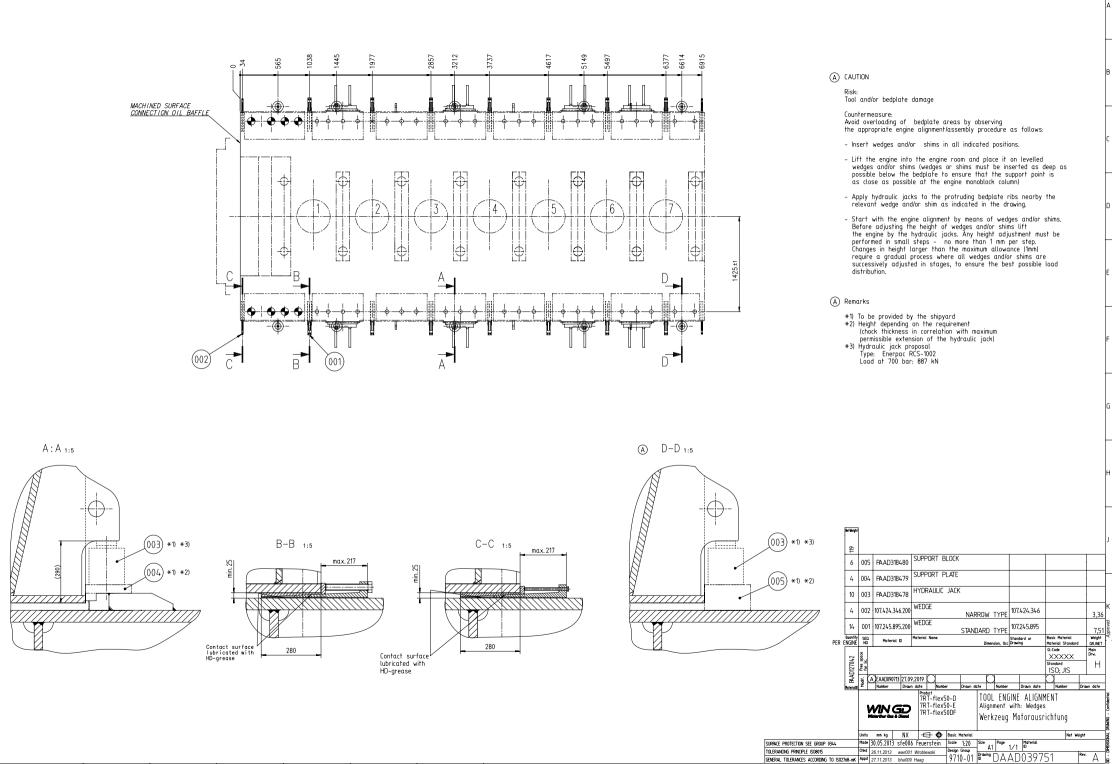
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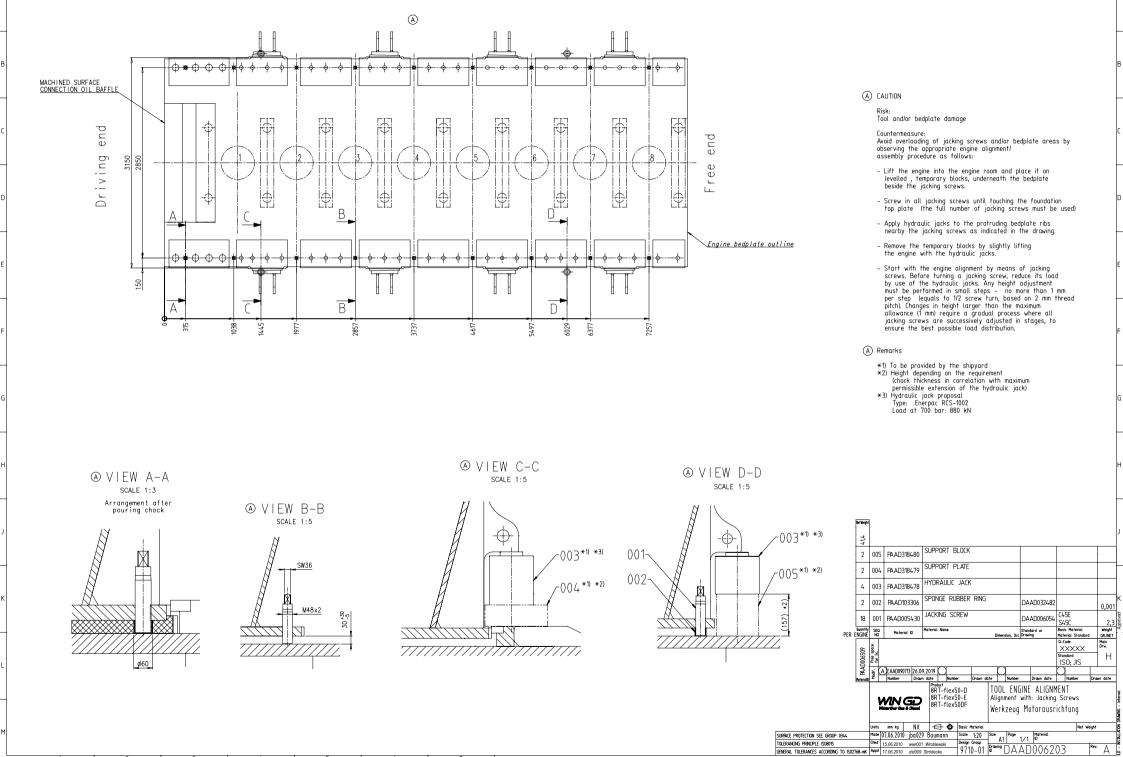


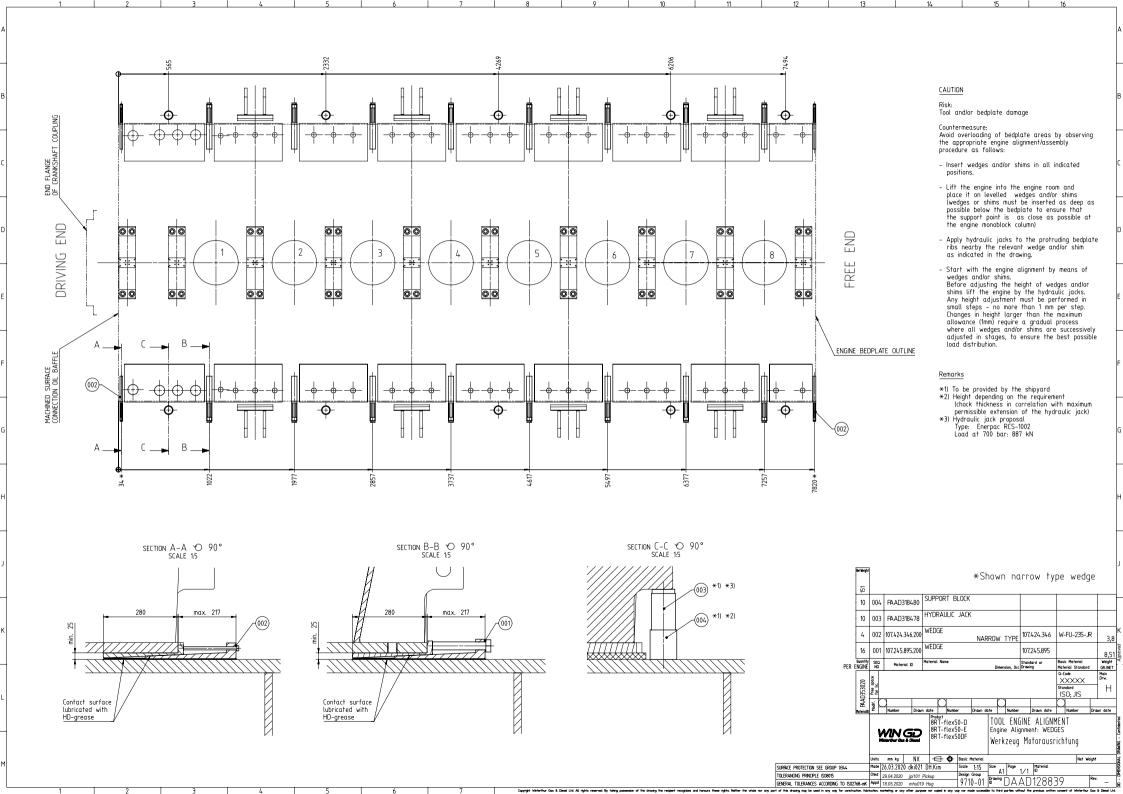


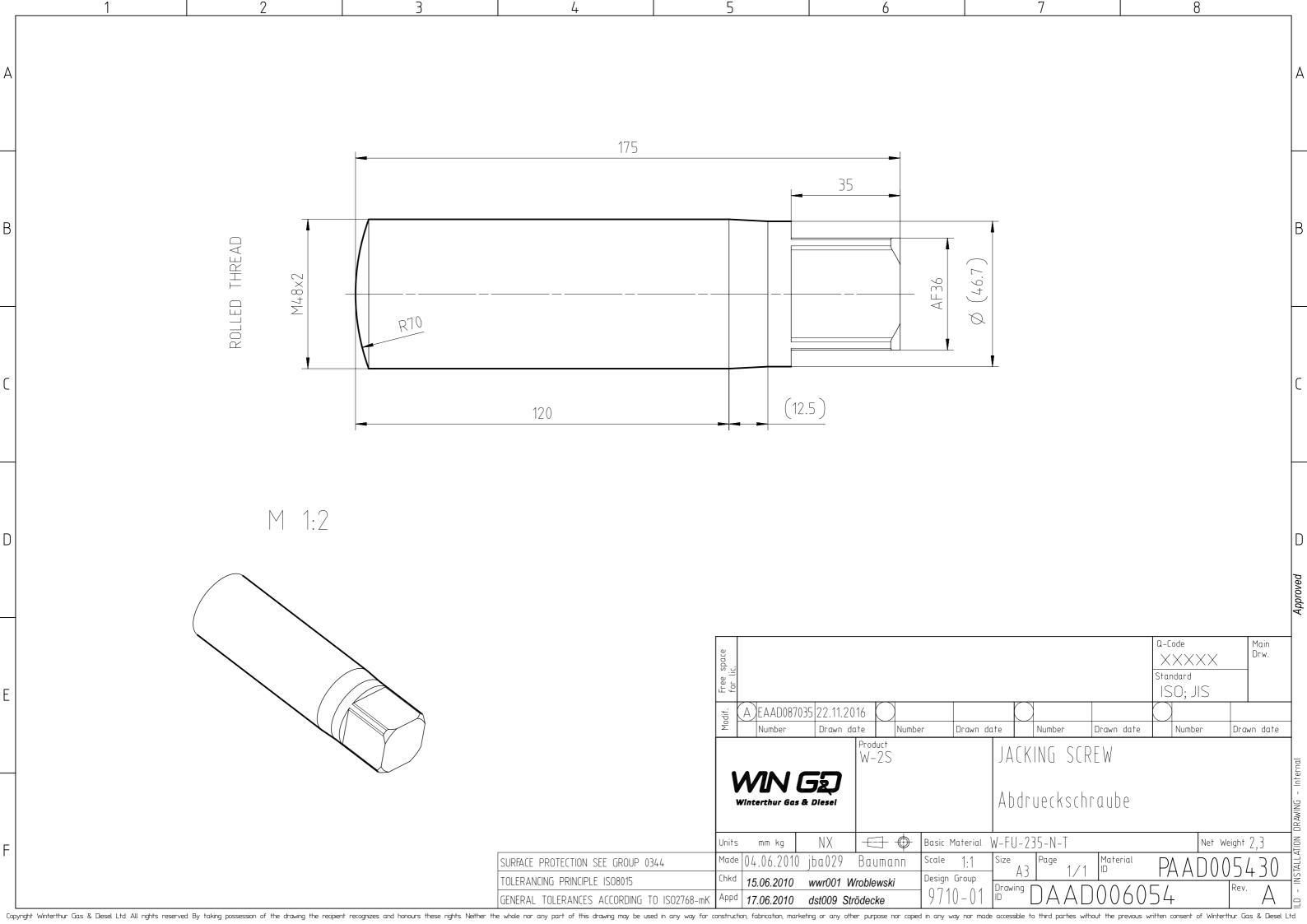


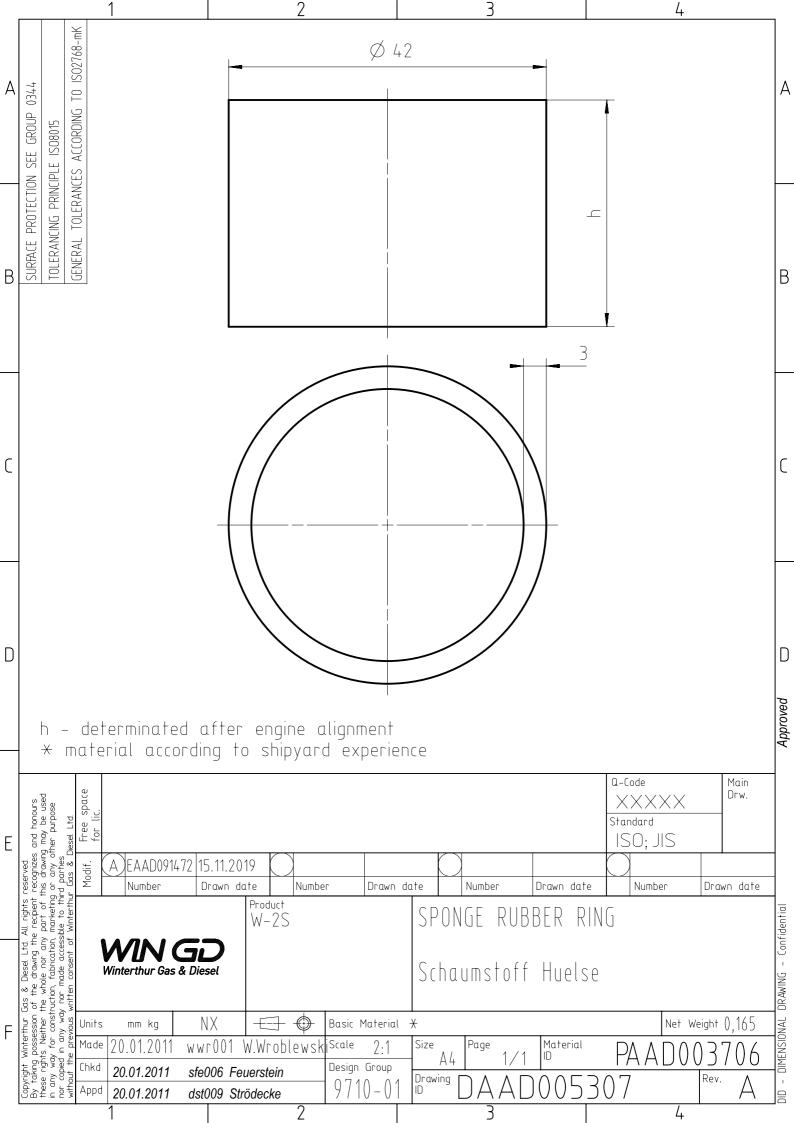
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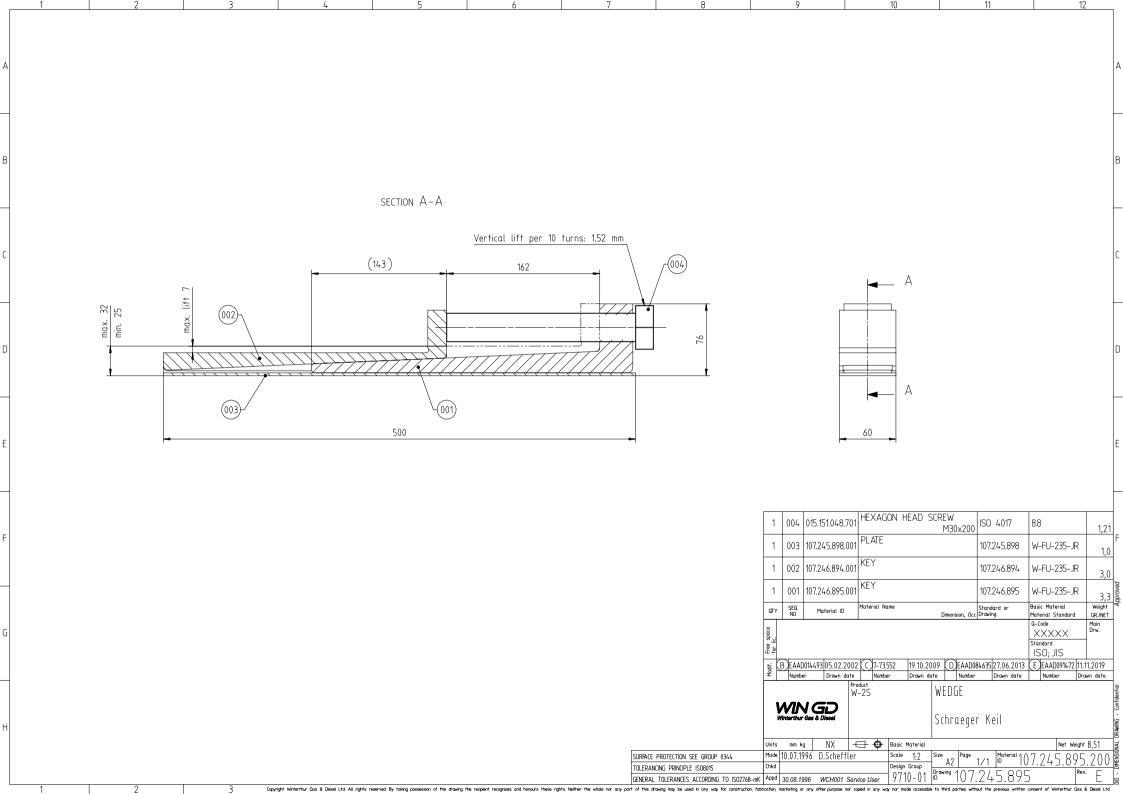


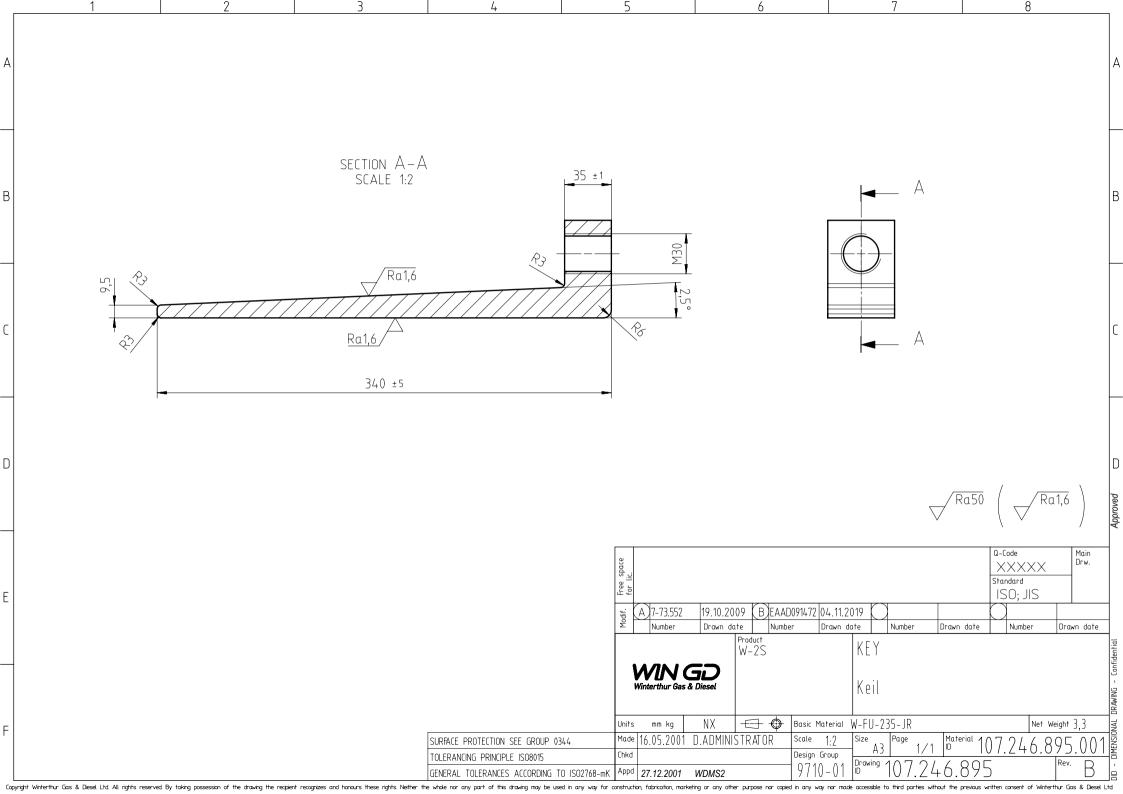


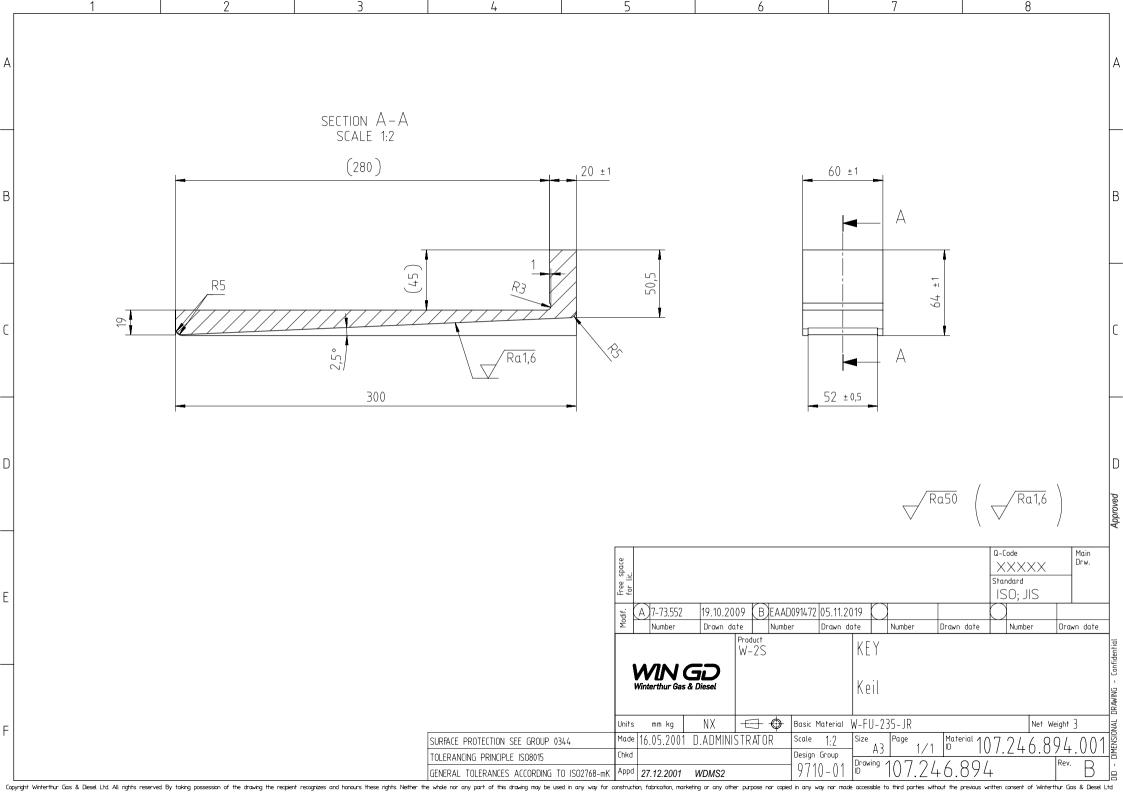


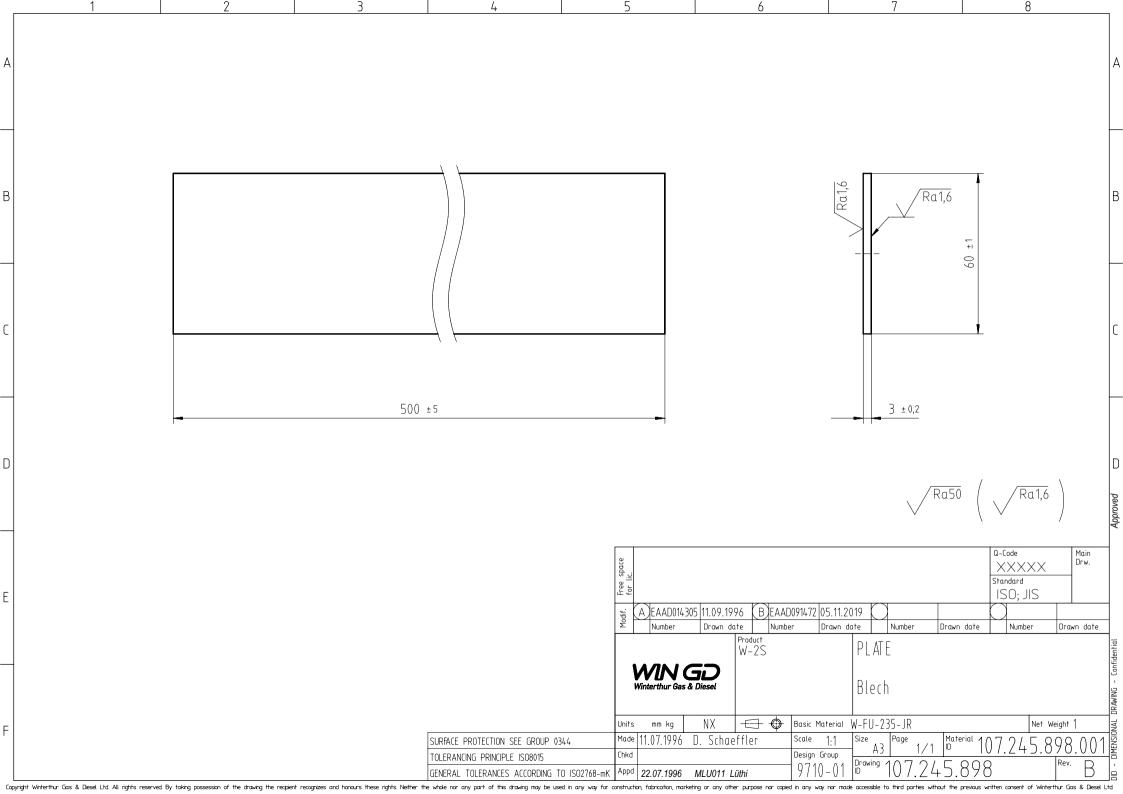


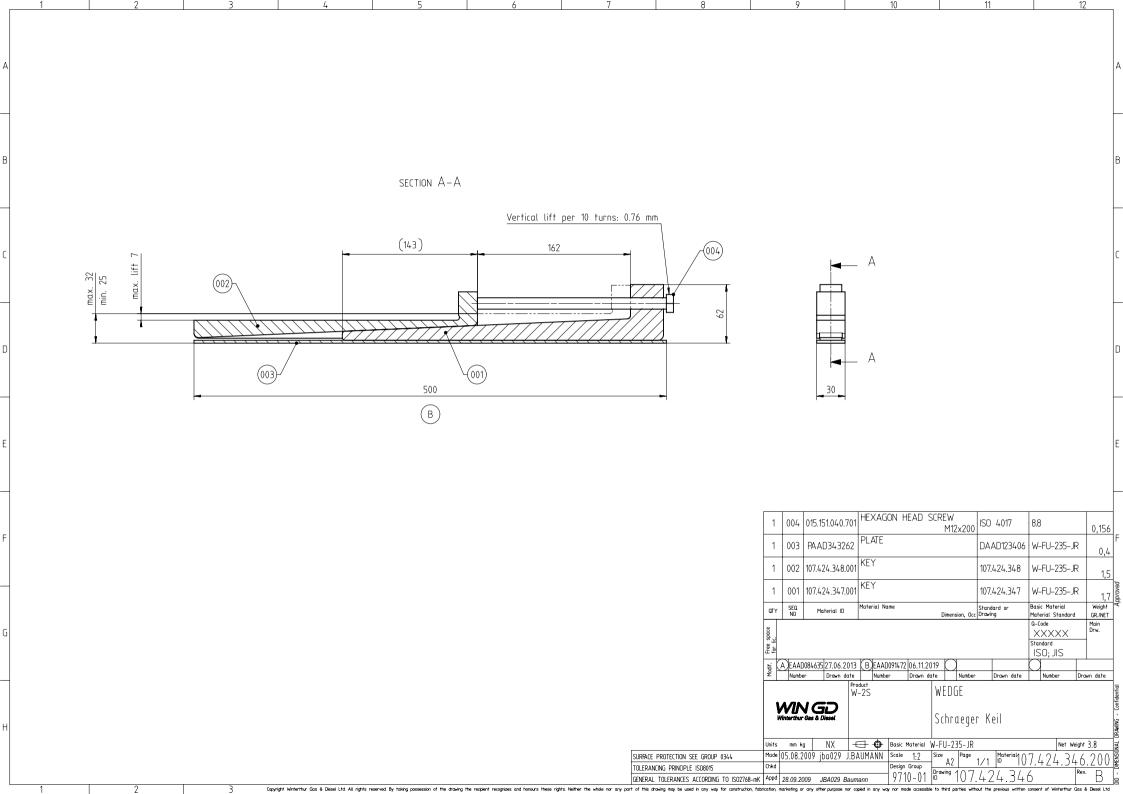


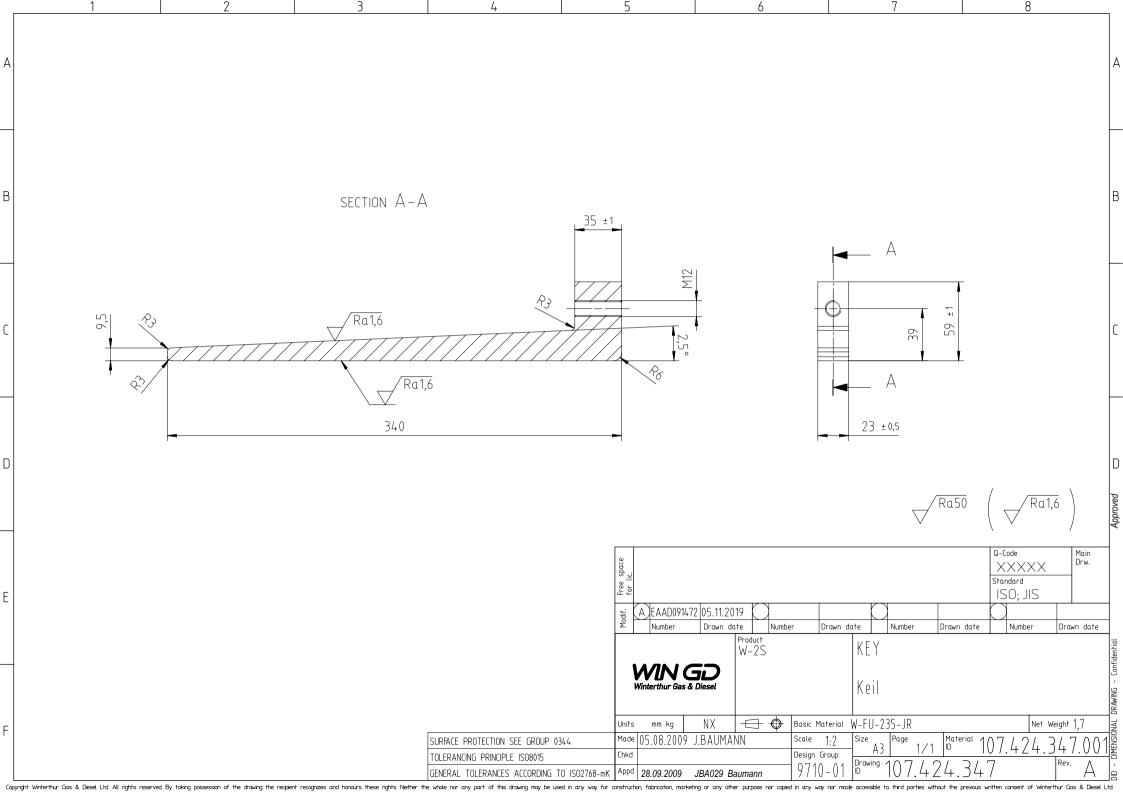


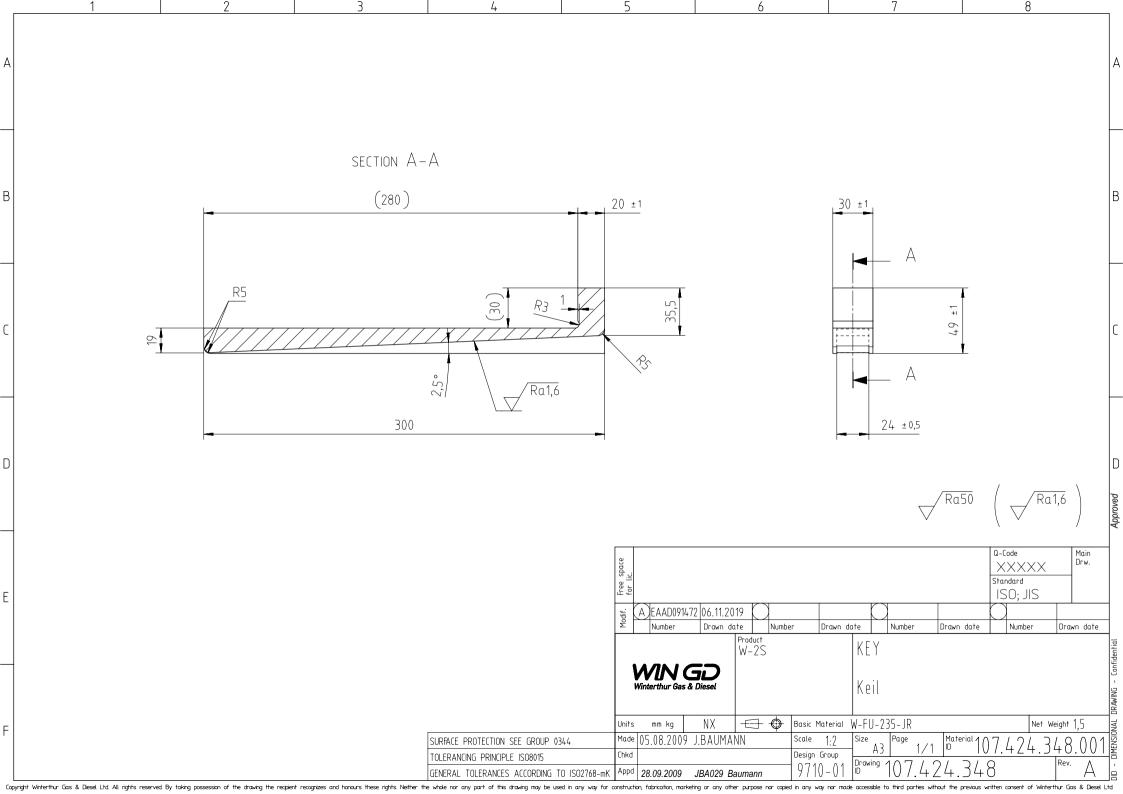


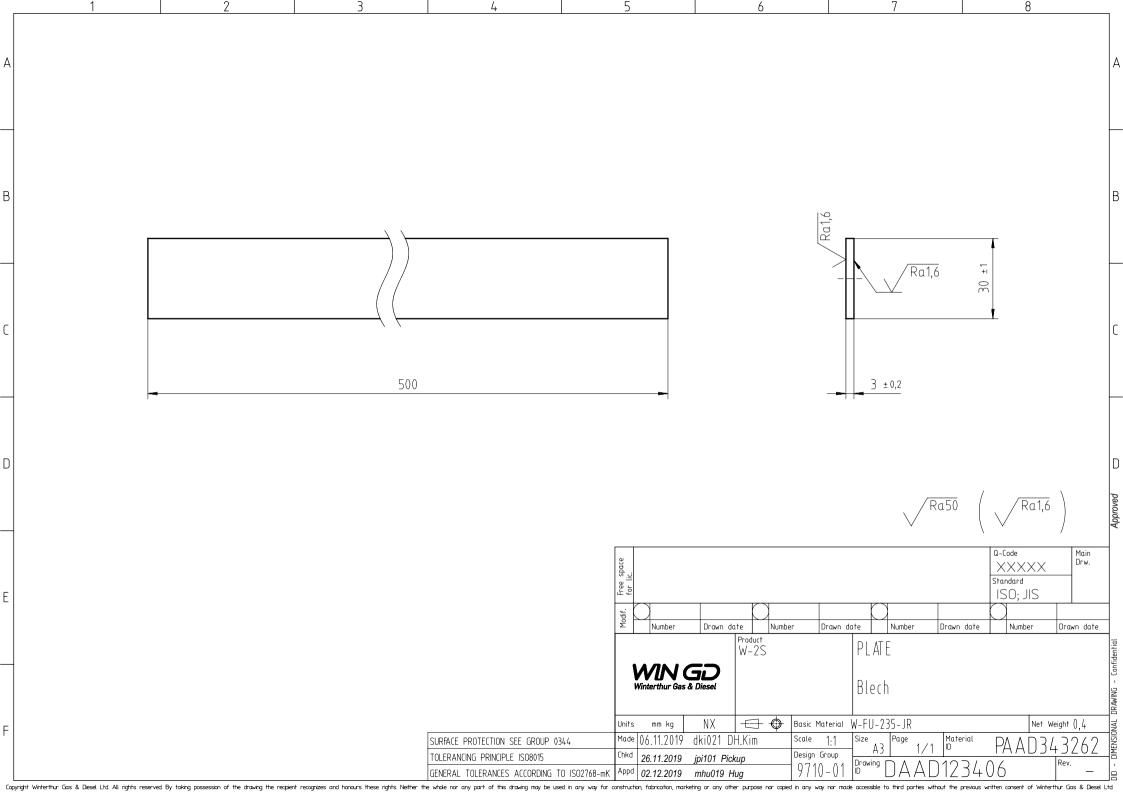














MIDS - WinGD RT-flex50-D/DF -Tool Engine Alignment (DG 9710-01)

TRACK CHANGES

DATE	SUBJECT	DESCRIPTION
2017-02-24	DRAWING SET	First web upload
2019-10-03	DAAD006081 DAAD006164 DAAD006197 DAAD006203 DAAD039751	Tool arrangement drgs - new revision
2019-12-05	DAAD124853 107.424.346 107.424.347 107.424.348 DAAD123406 107.246.895 107.245.895 107.245.894 107.245.898	Tool arrangement drg, 5cyl with wedges – added Wedge drawings – new revision
2020-09-11	DAAD128747 DAAD128839	Main drgs for 6 and 8 cyl. (alignment by wedges) - added

DISCLAIMER

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