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EN

Ident. Doc.:

Brevet.datum: 22/5/2024 - 9:21

| supp No. | material no.                             |                              |                              | A<br>overall length | B<br>stud length connection side | E<br>length without end-fitting stud |
|----------|--|------------------------------|------------------------------|---------------------|----------------------------------|--------------------------------------|
|          | 10006248 Tab. XVI optimized<br>version 1 | 10006248 Tab. X<br>version 1 | 10028959 Tab. I<br>version 2 |                     |                                  |                                      |
| 1        | 429524                                   | 429524                       | 429524                       | 120                 | 8.5                              | 111.5                                |
| 2        | 080598                                   | 080598                       | 080598                       | 135                 | 8.5                              | 126.5                                |
| 3        | 081315                                   | 081315                       | 081315                       | 138                 | 8.5                              | 129.5                                |
| 4        | 082271                                   | 082271                       | 082271                       | 111                 | 8.5                              | 102.5                                |
| 5        | 409462                                   | 409462                       | 409462                       | 90                  | 8.5                              | 81.5                                 |
| 6        | 409940                                   | 409940                       | 409940                       | 96                  | 8.5                              | 87.5                                 |
| 7        | 410657                                   | 410657                       | 410657                       | 141                 | 8.5                              | 132.5                                |
| 8        | 411374                                   | 411374                       | 411374                       | 130                 | 8.5                              | 121.5                                |

- (c) before grinding: Hardness depth and hardness test acc. to STAB-Spec. 10258370
- (d) tolerances:  $\pm 0,2$  after turning;  
 $\pm 0,2$  after straightening;  
 $\pm 0,2$  after nisliding
- (e) threaded stud rough-turned dim.  
 $\phi 5,29_{-0,06}$   
thread roll tolerance 6e  
thread tolerances acc. to DIN ISO 965-3
- (f) thread run-out and relief per STAB-Spec. 10005754 vers.1 pos.7
- (g) In the final condition, the actual profile of the thread must not exceed the maximum material limit for the tolerance zone position h at any point
- (h) rough-turned dim. thread roll tolerance 6e

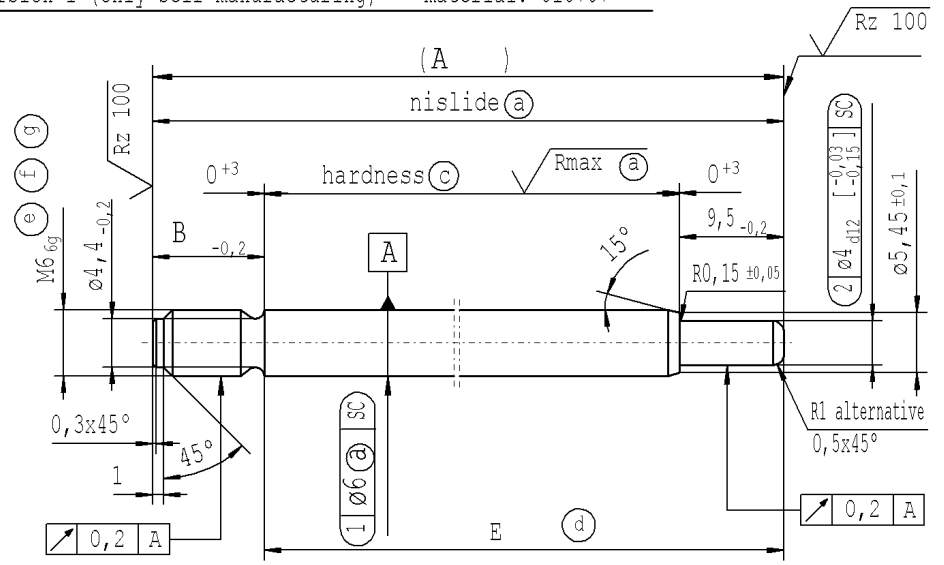
AIAG CQI-standards acc. to STAB-Spec. 10027692

Environmental protection acc. to STAB-Spec. 10005649

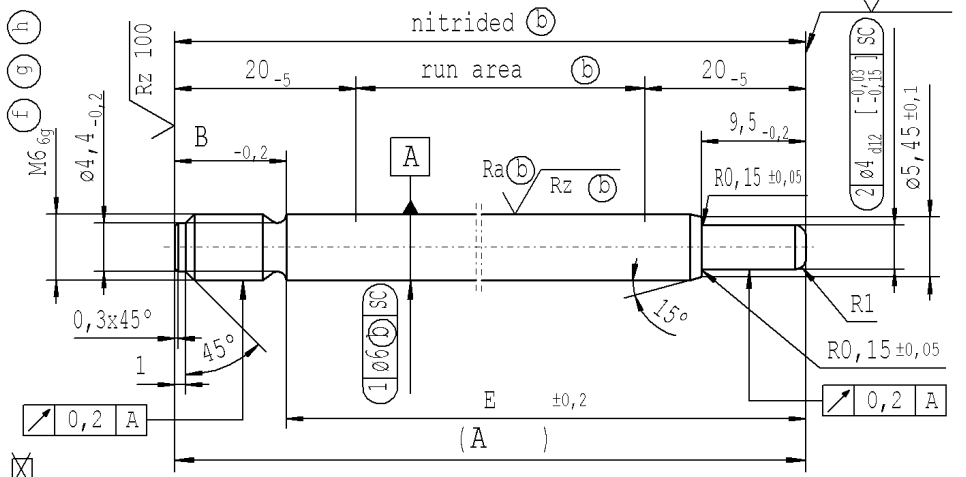
|           |  |     |     |                      |     |       |   |
|-----------|--|-----|-----|----------------------|-----|-------|---|
| DE: X     | EN: X  | ES: | IT: | PR:                  | FR: | RO: X | CAD created document; handwritten changes not permitted |
| new       | Tab.XVI; Tab. X; no technical change, no new first sample required |     |     | Vers. 2 : ZS CN + RO |     |       |   |
| old       | Tab.IV   |     |     | Vers. 2: ZS CN       |     |       |   |
| Field     | -  |     |     | -                    |     |       |   |
| Date/Name | 10.10.2022 Jablonski   |     |     | 16.10.2023 Jablonski |     |       |   |
| Chg. No.  | 715965   |     |     | 727282               |     |       |   |
| Rev.      | 2  |     |     | 3                    |     |       |   |

|                                       |                   |  |   |               |                     |
|---------------------------------------|-------------------|--|---|---------------|---------------------|
| Material:                             | *                 | All dimensions are in mm   | Marking of special characteristics according to STAB-Spec. 10270932 | Date          | Name                |
| Edge tolerances acc. to DIN ISO 13715 |                   | Scale: (Original DIN A3) 2:1   | Dimensions without tolerances DIN ISO 2768-mK                       | 04.09.2019    | Höfer               |
| Surface finish                        | DIN EN ISO 1302   | We reserve all rights to this document, to any patents or patent registrations related hereto, and to the duplication, retransmission by third parties and misc. use. Any use of this document is not permitted without the written consent of STABILUS. |   | Checked       | 02.11.2023 Klinkner |
| Replaces:                             |                   |  |   | Document No.: | 10269015            |
| <b>STABILUS</b>                       | <b>PISTON ROD</b> |  |   |               | Material No.:       |

version 1 (only self-manufacturing) \* material: 010707



version 2 (only external production) \* material: 1.1193 S45C JISG 4051



ZS CN  ZS RO  thread tolerances acc. to DIN ISO 965-3 approved lengths: 50-600 mm

$$\sqrt{Rz\ 25} \left( \sqrt{Rz\ 100} \sqrt{Rmax\ (A)} \sqrt{Ra\ (B)} \sqrt{Rz\ (B)} \right) \begin{matrix} \swarrow +0,2 \\ \searrow -0,2 \end{matrix}$$

sheet 1 of 1