



SECTION A-A

Table 1- Material & Part Requirements

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|--------------------------|---|---------------|
| Raw Material Requirement | According to TPS-10295 | |
| Parts Requirements | According to ISO 7089 (Nominal size 16) | |
| | 1- Allowable hardness range in center of the parts are 200-300 HV30. 2- Induction hardening shall be performed on inner and outer diameter surfaces of the parts to achieve micro hardness profile according to following table: | |
| | Distance from surface (mm) | Hardness (HV) |
| | 0.01 | 600 |
| | 0.02 | 600 |
| | 0.1 | 560 |
| | 0.3 | 550 |
| | 0.6 | 540 |
| | 0.8 | 480 |
| | 0.9 | 420 |
| 1 | 320 | |
| 1.2 | 280 | |

| | | | | | | | |
|--------------------------------------|---------------|-------------------|-------------------|-------------------|------------------|---------------------------------------|--------------|
| NO.: | QTY/SET: 46 | 3D MODEL CODE: | OEM NO.: | DATE: 26/02/2017 | | | |
| GENERAL TOLERANCE ISO 2768-1(m) | 0,5-6 mm | 6-30 mm | 30-120 mm | 120-400 mm | 400-1000 mm | 1000-2000 mm | 2000-4000 mm |
| | ± 0.1 mm | ± 0.2 mm | ± 0.3 mm | ± 0.5 mm | ± 0.8 mm | ± 1.2 mm | ± 2 mm |
| GEN. GD&T TOLERANCE ISO 2768-2(k) | 0-10 mm | 10-50 mm | 50-120 mm | 120-400 mm | +400 mm | GEN. ROUGHNESS 3.2/ $\sqrt{\text{ }}$ | |
| | $\pm 1^\circ$ | $\pm 0^\circ 30'$ | $\pm 0^\circ 20'$ | $\pm 0^\circ 10'$ | $\pm 0^\circ 5'$ | DIMENSIONS: mm | |
| V94.2-V1-AK Disk | | | | | | PROJECTION | FORM: |
| | | | | | | | A4 |
| | | | | | | WEIGHT: | SH: 1 |
| | | | | | | SCALE: 1:1 | OF: 1 |
| MAT: X20Cr-Mo13 | | DWG: TPD-10775 | | SAP CODE: 6002585 | | Rev: 00 | |

| DWG REV | DATE |
|---------|------------|
| 00 | 26/02/2017 |

| DESCRIPTIONS AND CHANGES |
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| Document created. |