

The technical Specification for the production of special nuts T27x13 (S36 RSx13)/ T22x8 (S36 RSx8)

The technical specifications apply to the production of special nuts T27x13 (S36 RSx13)/T22x8 (S36 RSx8) for unit fitting for workings during the erection of independent anchorage or to reinforce the existing anchored support of the development/permanent workings and stopes.

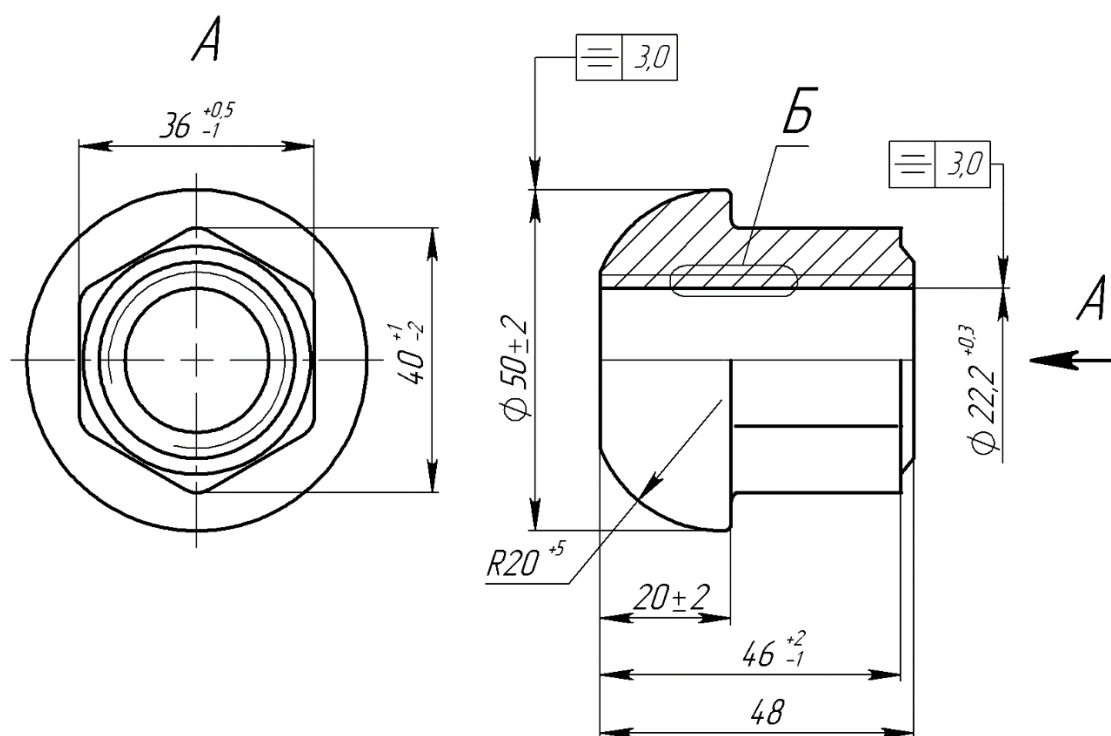


Fig. 1 – Special nut T27x13 (S36 RSx13)/ T22x8 (S36 RSx8)

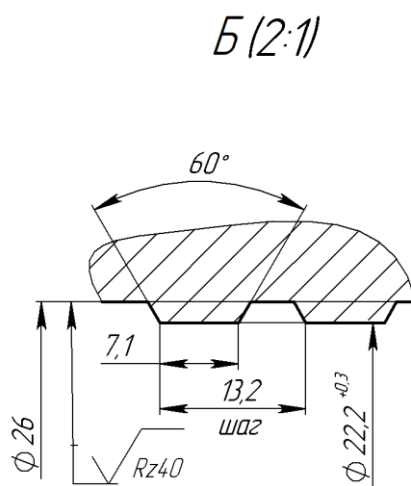


Fig. 2 – Special nut T27x13 (S36 RSx13) thread profile

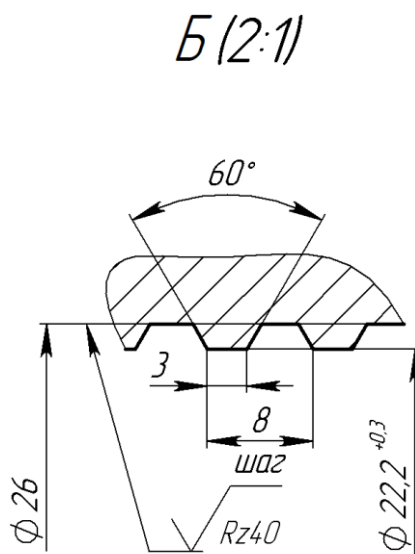


Fig. 3 – Special nut T22x8 (S36 RSx8) thread profile

Special nuts shall have a supporting spherical surface for the washer and standard width across flat.

Allowable load for thread stripping is 200-220 kN.

Nuts shall be produced of the materials that strictly comply with the following mechanical properties of the material:

- tensile strength (σ_B) – 530 N/mm² min.;
- physical (offset) yield strength (σ_T) – 315 N/mm² min.;
- elongation after rupture – 20% min.;
- neck contraction ψ – 45% min.