

Engineering drawing

Semester I/II

Mechanical Engineering Department
Technical University of Gdańsk

Lecture 4

Piercing points of solids with a line

(21) Rzutnia kula przebicie.SLDASM

(22) Rzutnia ostrosłup przebicie.SLDASM

Solids intersection

- 1) An intersection line is an ellipse when intersecting cylinders, a cone and a cylinder with a cone have axes that intersect at drawing plane or when a sphere can be tangently inscribed into both solids.
- 2) An intersection line is a circle when rotary solids have common axes.

(23) Przenikanie walec walec.SLDPRT

(24) Przenikanie walec walec2.SLDPRT

(25) Przenikanie walec walec3.SLDPRT

Solids intersection

(26) Przenikanie walec stożek.SLDPRT

(27) Przenikanie walec stożek2.SLDPRT

(28) Przenikanie ostrosłup walec.SLDPRT