

1. Manufacturer

Tost GmbH Flugzeuggerätebau München
Thalkirchner Str. 62
80337 München

2. Type

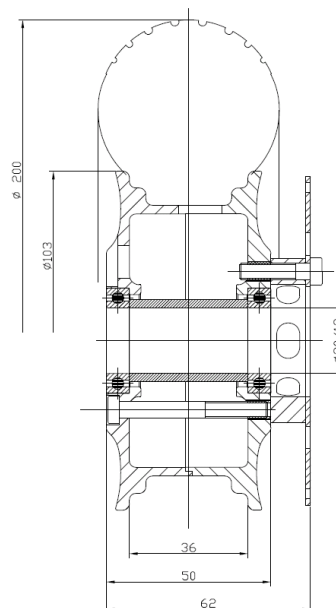
3 1/2" disk brake wheel Max II

3. P/N

053012 with 12 mm axle diameter
053020 with 20 mm axle diameter

4. Characteristics

Split wheel hub from aluminium
Triple screwed
CNC machined from billet
With maintenance free ball bearings
For axle diameter 12 or 20 mm
With spacer, for axial tightening on the axle or axle stub shaft
Hub surface anodised in blue (alternatively: red/black/silver)
with vented disk brake
with hydraulic brake assembly



5. Dimensions

Installation width 62 mm, axle diameter 12 or 20 mm

mass with tire and tube:
053012 with 12 mm axle diameter = 940 g
053020 with 20 mm axle diameter = 920 g

mass without tire and tube:
with 12 mm axle diameter = 460 g
with 20 mm axle diameter = 440 g

Brake Assembly: = 40 g

6. Application

Disk brake wheel for aircraft

7. Operating limits

Operating limits are defined by the used tire

stat. load	max. load during landing	Tire pressure in bar		
		min.	standard	maximum
200	400	2,0	40	8,5

The maximum operating load is defined by the load capability of the tire

8. Marking

P/N, specification, manufacturer, serial number engraved in the wheel hub

9. Tire

Tire 200x50 TOST AERO 6 pr P/N 063191

Tube 200x50, bent valve 90°90°28G P/N 063192

Tire pressure according to instructions of aircraft manufacturer, with regard to the deflection curves

10. Mounting Instructions

Place tube in the tire and mount the valve extension

Lay the tire with the up pointing valve over the wheel hub (thread side)

Place spacers

Put other wheel halve (valve hole side) centered, stick valve through valve hole

Match bolt holes with centering shaft

Tighten all three bolts with a calibrated torque wrench to the correct torque of 400 N/cm

The brake disk is mounted separately with three bolts and an adaptor ring and can be demounted independent from the wheel halves. Correct torque of 400 N/cm.