Working instruction No. 1 for TN1000/21

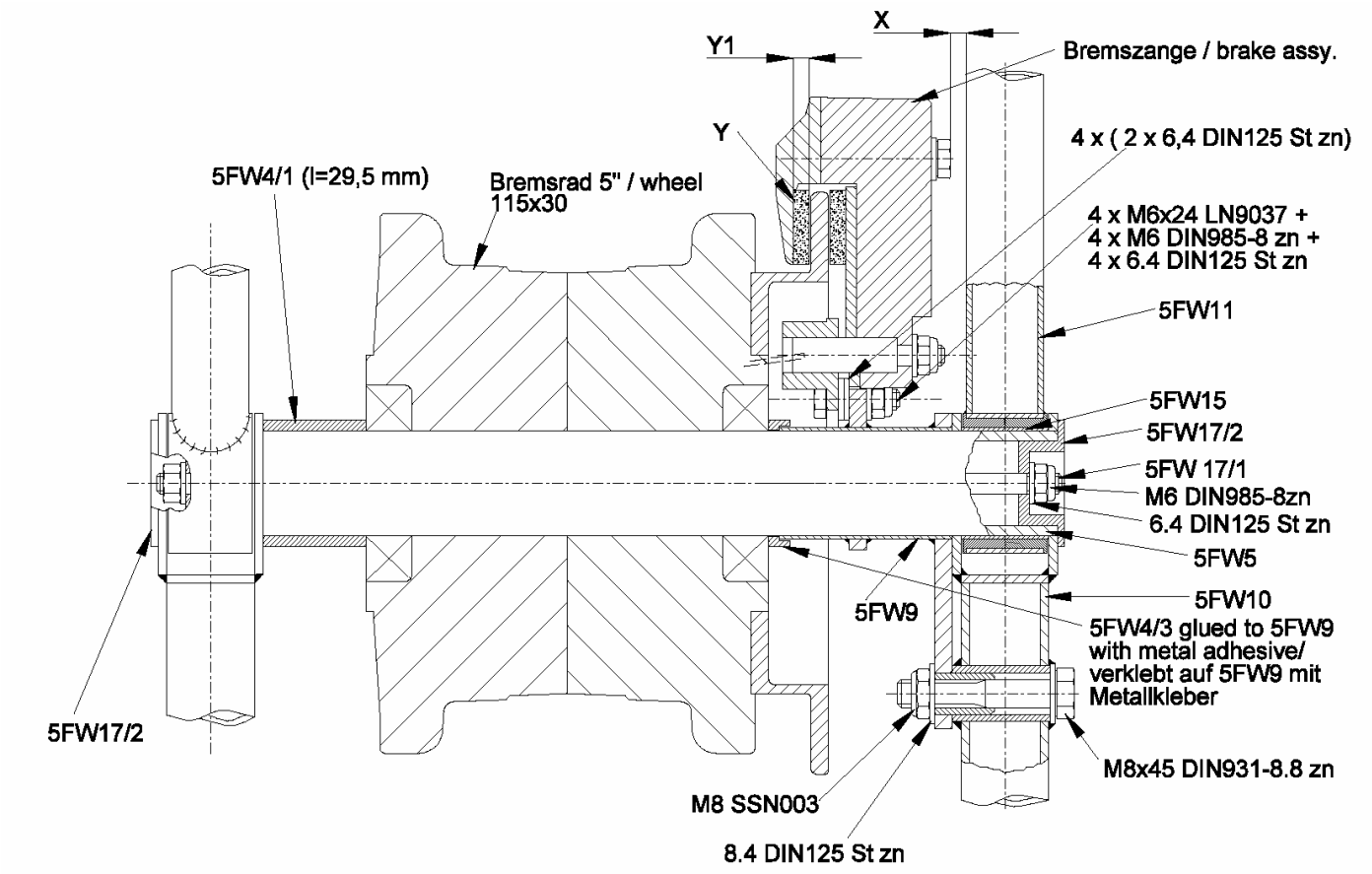
Shifting the wheel

See also MM DG-1000S or DG-1000T diagram 8 for retractable landing gear and diagram 9 for fixed landing gear.

1. With a fixed LG remove the main wheel fairing.
2. Remove the wheel according to MM DG-1000S or DG-1000T section 4.5.2 A.
3. Remove the brake calliper from the wheel according to MM section 4.5.2 B.
4. Remove the brake calliper from the holder 5FW9. Don't remove the brake hose.
5. Glue ring 5FW4/3 to holder 5FW9 with a suitable metal glue, e.g. „Uhu Plus Schnellfest", see sketch, press and let cure.

Note: This glued joint is not structural but intended to facilitate the assembly of the wheel..

6. Install the brake calliper to the holder 5FW9, install 2 washers 6.4DIN125 St zn at each of the 4 bolts between holder and calliper, see sketch. Use longer bolts M6x24 LN9037 and use new selflocking nuts M6 DIN985-8 zn.
7. Shorten the bush 5FW4/1 by 3mm to a length of 29,5mm or install a new shortened bush.
8. Reinstall the brake calliper to the brake disc, secure the 2 bolts with lock wire.
9. Reinstall the wheel by reversing the removal procedures, use new selflocking nuts at the wheel axis and at the bolt fixing the holder to the LG strut.
10. With a fixed LG the cut out for the tyre in the fairing must be enlarged at the right hand side to ensure a clearance of min. 3 mm.



Sketch in file 5FW1

Issued: 25.08.2011