

**Description / name of special machine**

Grab for right-angle gear drive

**Function / job**

Manual handling of right-angle gear drive during assembly of car gearboxes

**Special features**

Pneumatic grab unit, positive gripping of work piece with one grab jaw. Opposite grab jaw with turntable and spherical PU cap. Closing motion of grab exclusively controlled by spring operation. Grab opens via pneumatic cylinder. One-button (one-hand) operation. Manual 90° swivel axis.

**Technical data**

Work piece weight approx.	150 N
Grab power approx.	500 N per grab finger
Pneumatic connection	5 bar, dry, unoiled
Swivel angle	90°

**Customer**

Grob-Werke, Mindelheim  
VW Kassel

**Realization period / year**

November 2002

Ident No.  
502 8 285 DB

Month / year  
11/02