

# MARYLAND METRICS

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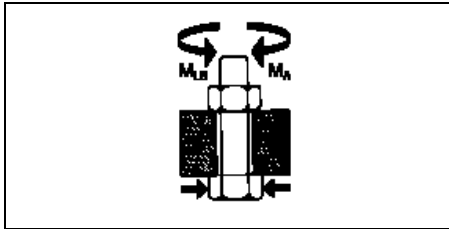
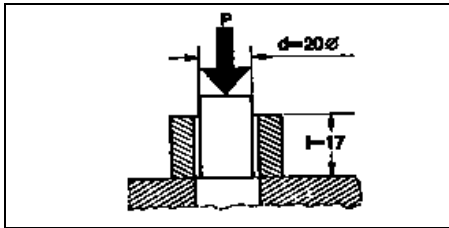
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## TECHNICAL INFORMATION and DATA

Explanations to the product summary on page T 86



① Viscosity measured with Rotary Viscometer at 20° C in accordance with DIN 54 453.

① Shear Strength  $T_D$  per DIN 54452. Material No. 1.0711.07  $R_z = 6-10 \mu\text{m}$

① Test equipment as Drawing  
 $M_A$  = Tightening torque  
 $M_{LB}$  = Breakloose torque  
Bolt: M 10 x 35, DIN 933-8.8, black  
Nut: M 10, nach DIN 934-8, plain  
Clamping sleeve:  
hardened steel HCR 58-64  
Clearance hole: per DIN 69,  
 $M_A = 50 \text{ Nm}$

②  $M_{LB}$  is defined as the reading obtained at the first relative movement between nut and bolt thread per DIN 54 454 measured without preload.

②  $M_{LW \max}$  is defined as the maximum reading obtained during one complete turn for screwed connections without preloading. The figures for  $M_{LB}$  and  $M_{LW \max}$  were obtained with black screws M10 x DIN 933-8.8 and nuts M 10 DIN 934-8 plain after 72 hours curing at room temperature.

② The functional strength corresponds to 70% of the final shear strength obtained with test specimens (DIN 54 452).