

PRESS-STEEL

Tool Grease

Consumables

High-performance grease with anti-seize and anti-wear properties, designed for clinching tools and equipment.

Technical data

Chemical composition	solid lubricant
Chemical composition, thickener	polyurea
Chemical composition, base oil	mineral oil
Colour	yellow
Lower service temperature limit	-20 °C
Upper service temperature limit with continuous relubrication	160 °C
Upper service temperature limit, rolling bearings to DIN 51825	140 °C
Worked penetration, DIN ISO 2137, 25 °C, lower value	310 × 0.1 mm
Worked penetration, DIN ISO 2137, 25 °C, upper value	340 × 0.1 mm
Kinematic viscosity of base oil, DIN 51562 T01/ASTM D-445/ASTM D 7042, 40 °C	approx. 490 mm²/s
Kinematic viscosity of base oil, DIN 51562 T01/ASTM D-445/ASTM D 7042, 100 °C	approx. 32 mm²/s
Grease classification K, DIN 51825 in combination with DIN 51502	KPF1N-20*; *Emcor max. 2
Speed factor (n × dm)	approx. 300,000 mm/min
Corrosion protection, DIN 51802 (SKF-EMCOR), test duration: 1 week, distilled water	corrosion degree ≤ 2
Copper corrosion, DIN 51811 (grease), 24 h / 100 °C	corrosion degree 1 – 100
Drop point, DIN ISO 2176, IP 396	≥ 200 °C
Flow pressure, DIN 51805, test temperature: -20 °C	≤ 1,400 mbar
Four-ball test, DIN 51350 part 4	≥ 4,000 N

<https://press-steel.pl/en/product/tool-grease/>
info@press-steel.pl