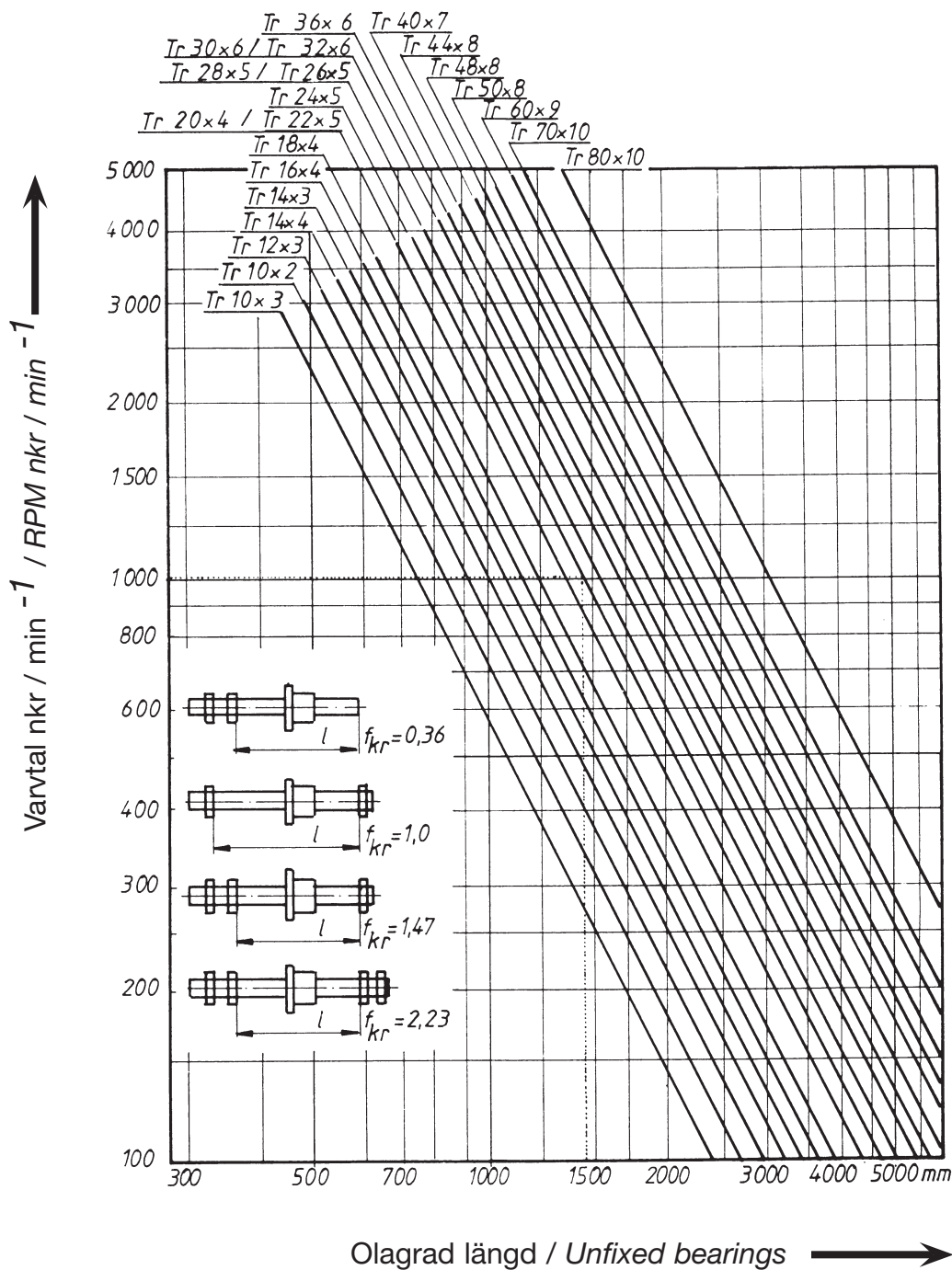


TRAPETSGÄNGADE STÄNGER OCH MUTTRAR

TRAPEZOID THREADS AND NUTS

Kritiskt varvtal
Critical RPM

$$n_{zul} = n_{kr} \cdot f_{kr} \cdot 0,8$$



Exempel: Varvtal 1000 r/m, vald trapets 24 x 5, olagrad längd L = 1400mm
Example: RPM 1000 r/m, chosen trapezoid 24 x 5, unmounted length L = 1400mm

Ex.1: $L = 1400 \times 0,36 \times 0,8 = 403\text{mm}$

Ex.2: $L = 1400 \times 1,0 \times 0,8 = 1120\text{mm}$

Ex.3: $L = 1400 \times 1,47 \times 0,8 = 1646\text{mm}$

Ex.4: $L = 1400 \times 2,23 \times 0,8 = 2497\text{mm}$