

Standards & Services

Roughness standards



Standards in metal version | Traverse length $l_t = 4.8 \text{ mm}$ | hard

Standard	Part number
Roughness standard step 1, DAkkS-DKD calibrated, Ra approx. $0.2 \mu\text{m}$ Rz approx. $1.5 \mu\text{m}$	1000 7524
Roughness standard step 2, factory calibration protocol, Ra approx. $0.5 \mu\text{m}$ Rz approx. $3.0 \mu\text{m}$	1000 7525
Roughness standard step 3, DAkkS-DKD calibrated, Ra approx. $1.5 \mu\text{m}$ Rz approx. $8.5 \mu\text{m}$	1000 7526
Set of roughness standards steps 1–3, DAkkS-DKD calibrated	1000 7527

Standards in nickel version | Traverse length $l_t = 1.5 \text{ mm}$ | superfine

Standard	Part number
Roughness standard superfine step 1, DAkkS-DKD calibrated, Ra approx. $0.025 \mu\text{m}$ Rz approx. $0.150 \mu\text{m}$	575 283
Roughness standard superfine step 2, DAkkS-DKD calibrated, Ra approx. $0.060 \mu\text{m}$ Rz approx. $0.350 \mu\text{m}$	1007 1807
Roughness standard superfine step 3, DAkkS-DKD calibrated, Ra approx. $0.080 \mu\text{m}$ Rz approx. $0.450 \mu\text{m}$	1007 1808

Rk standards in nickel version according to EN ISO 13565 or EN ISO 21920 Especially for Rk parameters | Traverse length $l_t = 4.8 \text{ mm}$

Standard	Part number
Rk roughness standard EN ISO 13565, DAkkS-DKD calibrated, Rk approx. $0.4 \mu\text{m}$ Ra approx. $0.32 \mu\text{m}$	on request

Calibration services roughness standards

Calibration	Part number
DAkkS-DKD calibration roughness standard	1000 7483
Additional evaluation according to EN ISO 21920	724 007