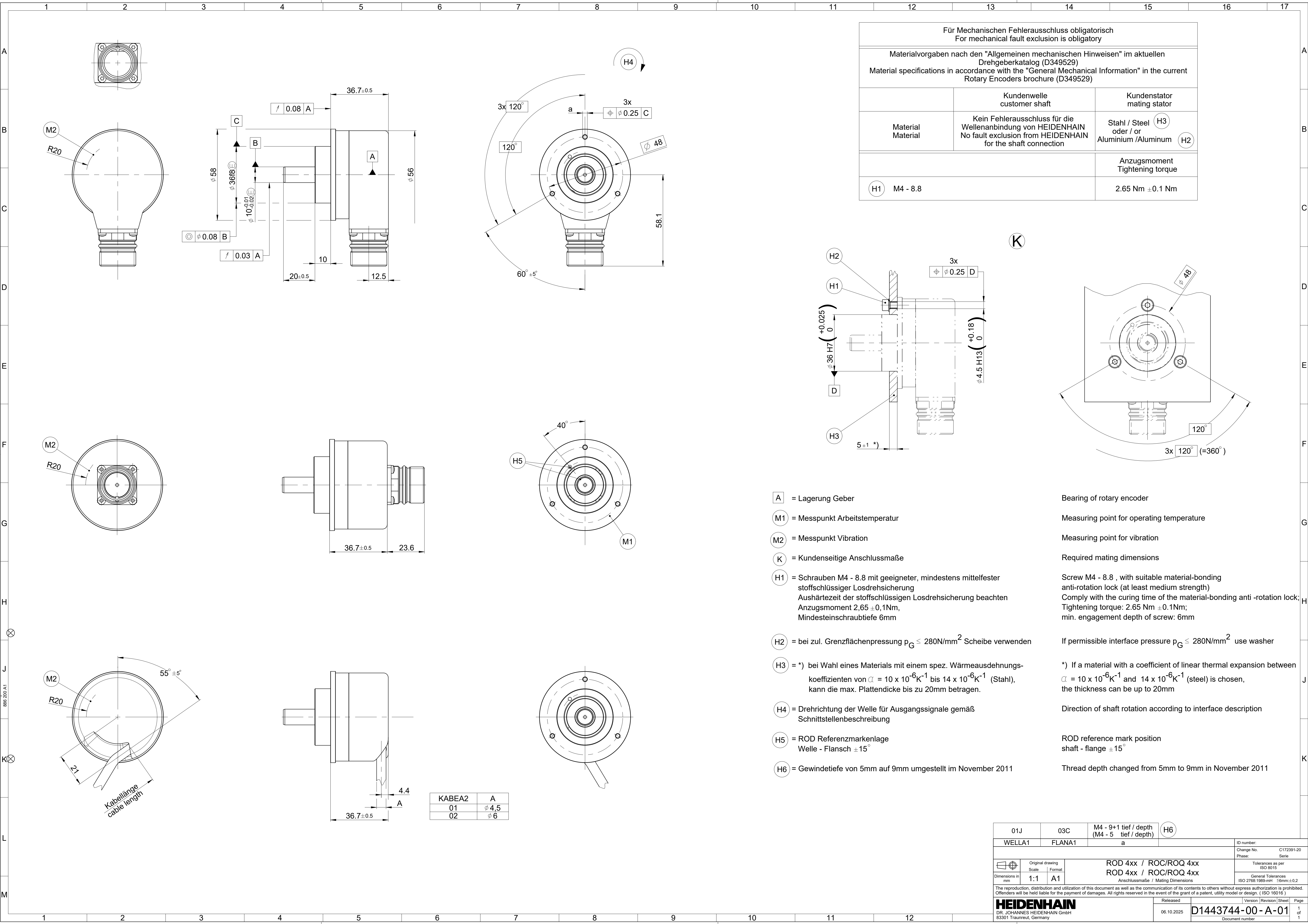
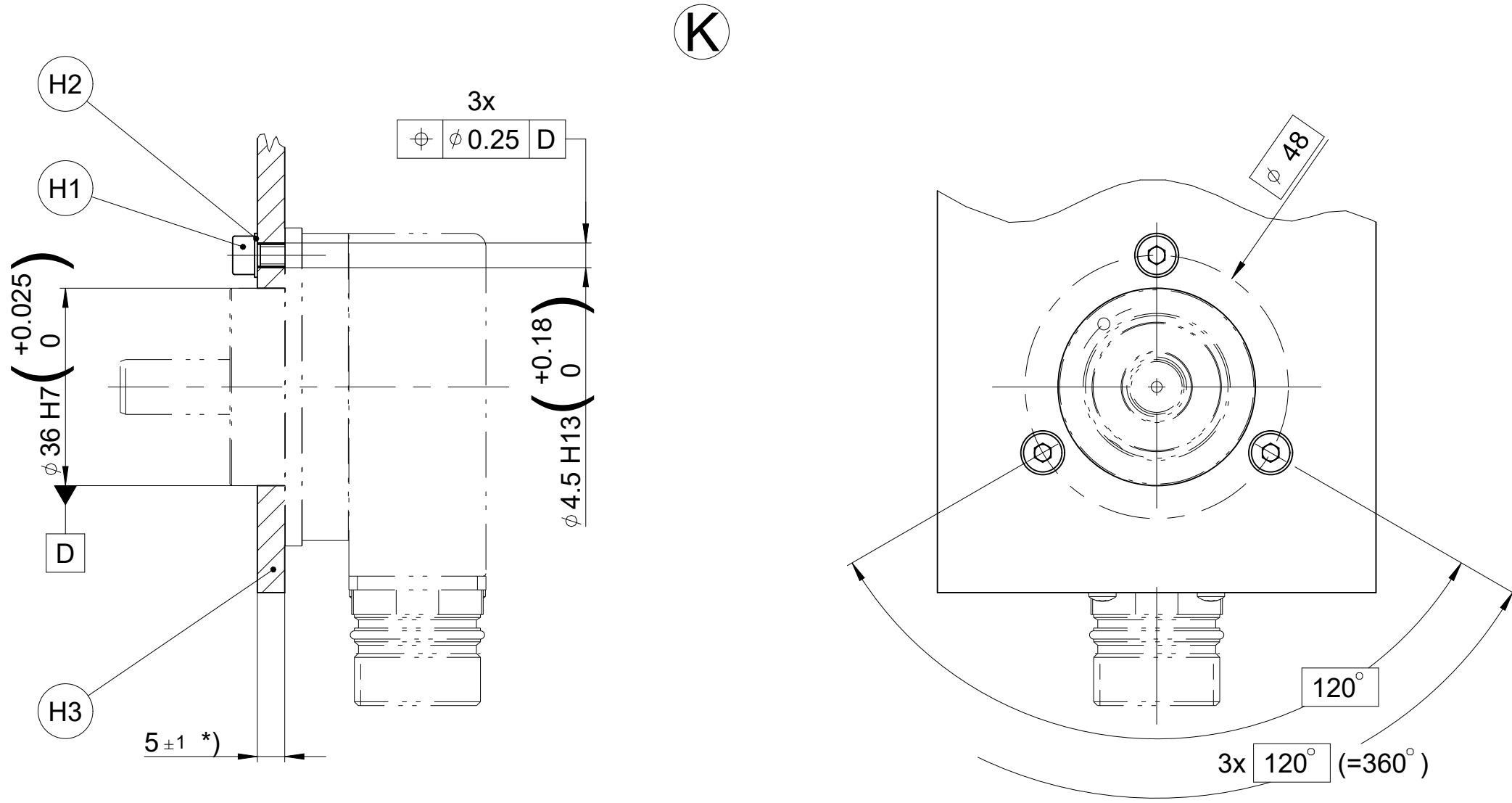




Für Mechanischen Fehlerausschluss obligatorisch For mechanical fault exclusion is obligatory		
Materialvorgaben nach den "Allgemeinen mechanischen Hinweisen" im aktuellen Drehgeberkatalog (D349529) Material specifications in accordance with the "General Mechanical Information" in the current Rotary Encoders brochure (D349529)		
	Kundenwelle customer shaft	Kundenstator mating stator
Material Material	Kein Fehlerausschluss für die Wellenanbindung von HEIDENHAIN No fault exclusion from HEIDENHAIN for the shaft connection	Stahl / Steel (H3) oder / or Aluminium /Aluminum (H2)
		Anzugsmoment Tightening torque
(H1) M4 - 8.8		2.65 Nm ±0.1 Nm



- A** = Lagerung Geber
- M1** = Messpunkt Arbeitstemperatur
- M2** = Messpunkt Vibration
- K** = Kundenseitige Anschlussmaße
- H1** = Schrauben M4 - 8.8 mit geeigneter, mindestens mittelfester stoffschlüssiger Losdreh-sicherung
Aushärtezeit der stoffschlüssigen Losdreh-sicherung beachten
Anzugsmoment 2,65 ±0,1Nm,
Mindesteinschraubtiefe 6mm
- H2** = bei zul. Grenzflächenpressung $p_G \leq 280\text{N/mm}^2$ Scheibe verwenden
- H3** = *) bei Wahl eines Materials mit einem spez. Wärmeausdehnungs-koeffizienten von $\alpha = 10 \times 10^{-6}\text{K}^{-1}$ bis $14 \times 10^{-6}\text{K}^{-1}$ (Stahl), kann die max. Plattendicke bis zu 20mm betragen.
- H4** = Drehrichtung der Welle für Ausgangssignale gemäß Schnittstellenbeschreibung
- H5** = ROD Referenzmarkenlage
Welle - Flansch $\pm 15^\circ$
- H6** = Gewindetiefe von 5mm auf 9mm umgestellt im November 2011
- Bearing of rotary encoder
- Measuring point for operating temperature
- Measuring point for vibration
- Required mating dimensions
- Screw M4 - 8.8 , with suitable material-bonding anti-rotation lock (at least medium strength)
Comply with the curing time of the material-bonding anti -rotation lock;
Tightening torque: 2.65 Nm ±0.1Nm;
min. engagement depth of screw: 6mm
- If permissible interface pressure $p_G \leq 280\text{N/mm}^2$ use washer
- *) If a material with a coefficient of linear thermal expansion between $\alpha = 10 \times 10^{-6}\text{K}^{-1}$ and $14 \times 10^{-6}\text{K}^{-1}$ (steel) is chosen, the thickness can be up to 20mm
- Direction of shaft rotation according to interface description
- ROD reference mark position
shaft - flange $\pm 15^\circ$
- Thread depth changed from 5mm to 9mm in November 2011

01J	03C	M4 - 9+1 tief / depth (M4 - 5 tief / depth)	(H6)
WELLA1	FLANA1	a	ID number: Change No. C172391-20 Serie
	Original drawing Scale 1:1	Format A1	ROD 4xx / ROC/ROQ 4xx ROD 4xx / ROC/ROQ 4xx Anschlussmaße / Mating Dimensions
Dimensions in mm			Tolerances as per ISO 8015 General Tolerances ISO 2768-1989-mH ±6mm;±0.2
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