

# Consistent grip

BALINIT DLC & DLC STAR for collet chucks

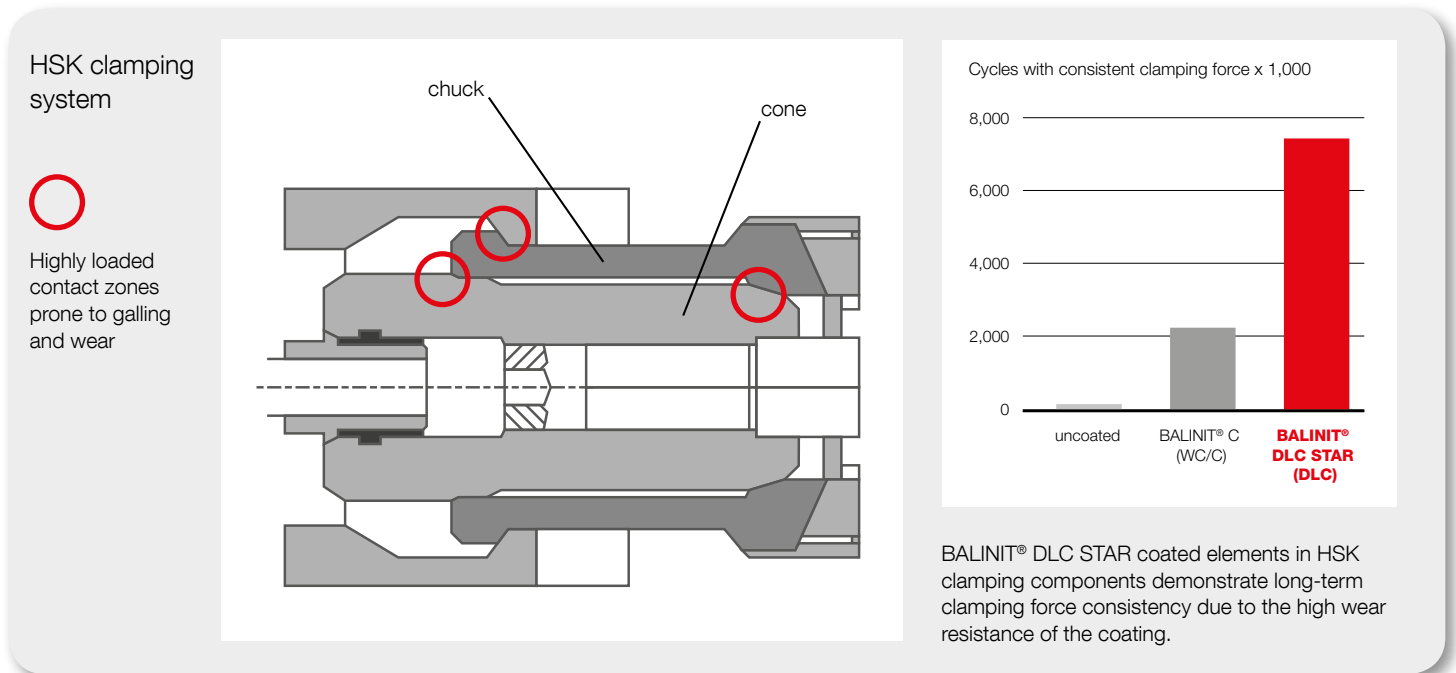


# BALINIT DLC & DLC STAR for reliable collet chucks

Standard collet chucks or HSK (hollow shank taper) high-performance chucks must clamp the cutting tool reliably and with consistent force for millions of clamping cycles. HSK systems, especially, enable very fast clamping times. Under such conditions uncoated hardened steel contact

surfaces can limit the number of clamping cycles through galling and wear of the surfaces. BALINIT® DLC or DLC STAR coated cones and chucks enable an unmatched number of cycles and very short tool exchange times.

## Benefit from a low coefficient of friction and high wear resistance



## Your advantages with BALINIT DLC & DLC STAR coated collet chucks

- Consistent clamping force for many millions of cycles
- Fast tool exchange time
- Nearly no wear of the highly loaded contact zones
- Less lubrication necessary

## We recommend: BALINIT DLC STAR for more reliability

	BALINIT® DLC	BALINIT® DLC STAR
Coating material	a-C:H	CrN+a-C:H
Microhardness (HK 0.01)	2,500	2,500
Typical thicknesses	2 – 4 µm	3 – 5 µm
Coefficient of friction against steel (dry)	0.1 – 0.2	0.1 – 0.2
Colour	Black-grey	Black-grey

**There's much more to talk about – please get in touch to discuss how we can help you to improve your business.**