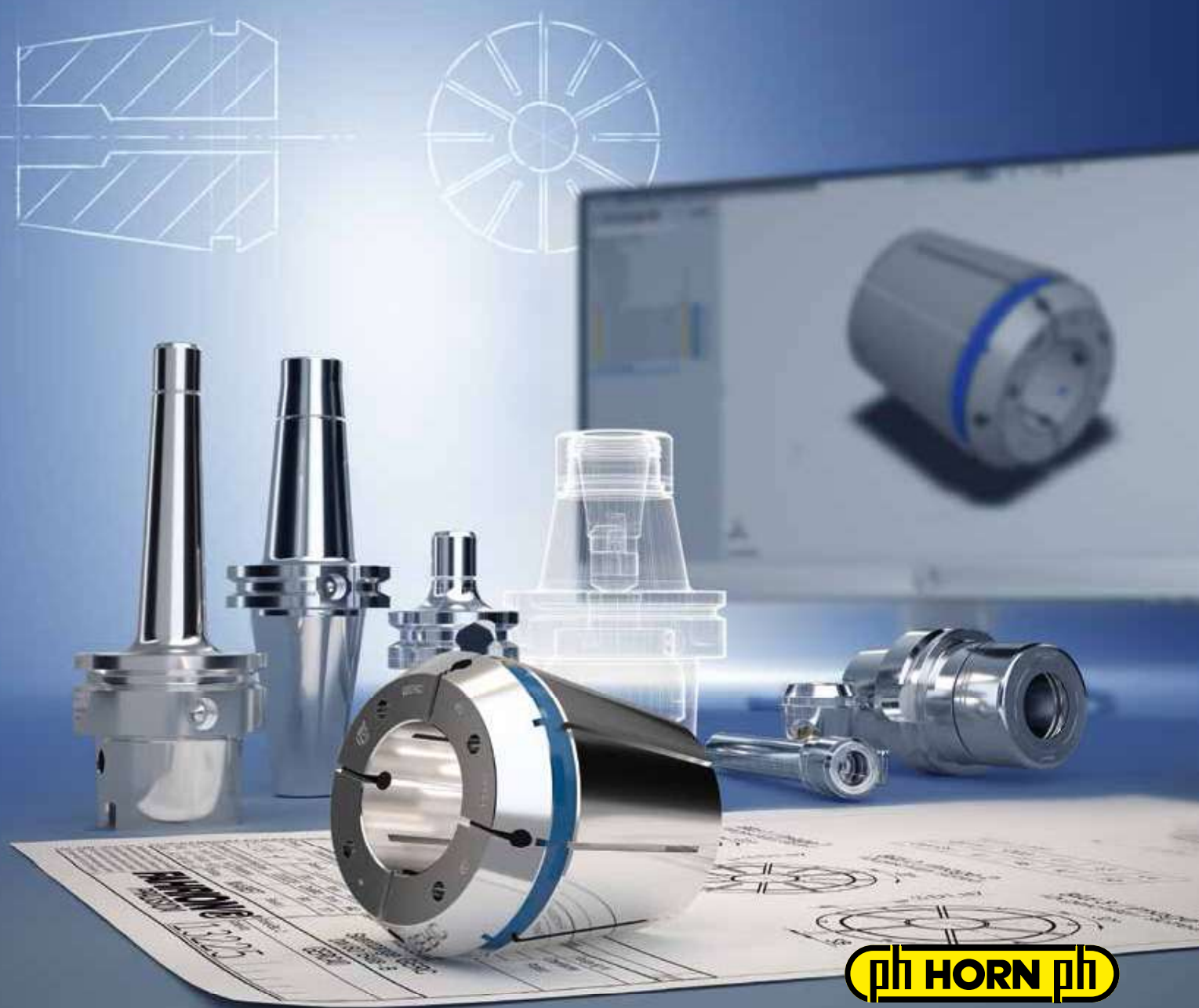


CENTRO|P premium
CLAMPING SYSTEMS FROM FAHRION



CENTRO|P premium

Consistently One Step Ahead



Welcome to the world of high-precision machining with customer benefits, where we are always looking to improve.

As part of our CENTRO|P premium program, we offer you customised clamping systems, each with its own individual strengths and for a variety of applications.

Take advantage of other benefits, such as our FAHRION | Protect coating, tried and tested a million times, which is now also used on chucks and on clamping nuts. Pioneering technology that protects your complete tool clamping system and keeps it accurate and efficient for a long time.

DPC, DYNAMIC PERFORMANCE CHUCK

For Highly Dynamic Processes



The **DPC Dynamic Performance Chucks** are real universal all-rounders for demanding tasks, especially in HDC milling, but also for trimming, finishing and roughing. DPC holders are the first choice for high removal rates on dynamic machines

with modern milling strategies, such as components for the tool and mold-making industry, automotive, machine, plant construction, high-end part suppliers, and contract manufacturers.

DPC, DYNAMIC PERFORMANCE CHUCK

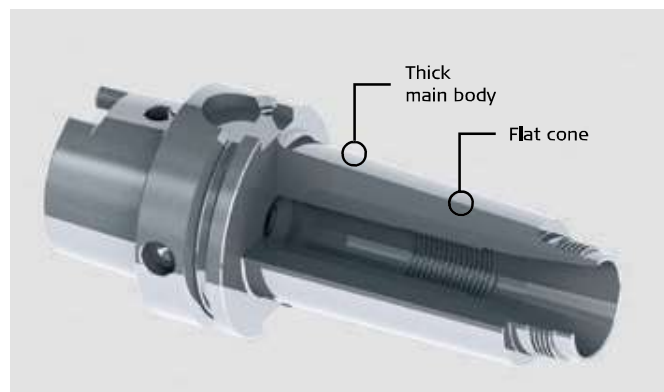
Features

DPC chucks optimally combine high stability with excellent concentricity and best dynamics, preferably for drilling and milling.



The outer contour

DPC chucks have a stable cylindrical outer contour with maximum diameter of the clamping nut. In addition, there are also tapered versions for even more rigidity and less vibration



The inner contour

Flexibility of projection is ensured by a large through diameter.



DPC, DYNAMIC PERFORMANCE CHUCK

Variants

Coolant supply variants through the matching collet

One system, several variants. The choice of collet determines the type of coolant supply. For you this means:

- Better surface quality
- Longer tool life
- Easy chip removal
- Cooling and lubricating of the tool cutting edge



Without coolant supply
GERC-HP
GERC-B



Coolant through the centre
GERC-HPD
GERC-BD
GERC-GBD



Peripheral cooling
GERC-HPDD
GERC-GBDD

Process optimisation

Optimise your process and inquire about our collets with customised jet holes. Starting at 0.2 mm outlet diameter, jet holes can be designed for specific applications, e.g. for cryo-gen or aerosol cooling.

NEW

Variants with different clamping nuts for every application



The DPC Clamping Nut

- Has a low friction coating
- Does not require grooves for the clamping wrench
- Has a stable trapezoidal thread and the FAHRION double guide for high clamping forces, optimum concentricity, and minimal residual imbalance



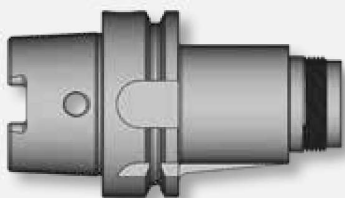
HSS Clamping Nut for

- Collet collapse up to 0.4 mm
- System accuracy 6 µm

DPC, DYNAMIC PERFORMANCE CHUCK

Overview

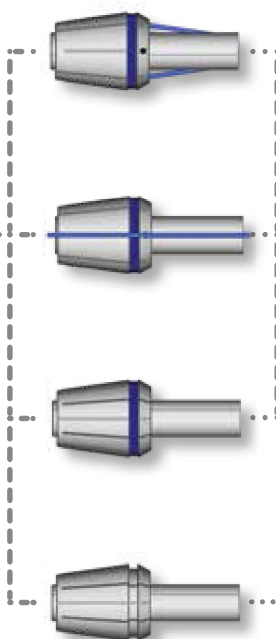
Interface:



Cylindrical or tapered version available

- CAT40 / CAT50
 - HSK-A 32
 - HSK-A 40
 - HSK-A 50
 - HSK-A 63
 - HSK-A 100
 - HSK-E 40
 - HSK-E 50
 - HSK-F 50
 - HSK-F 63
 - SK 30
 - SK 40
 - SK 50
 - BT 30 / BTP 30
 - BT 40 / BTP 40
 - BT 50 / BTP 50
 - PSC 50
 - PSC 63
 - PSC 80
- CYL Ø 20
 - CYL Ø 25
 - CYL Ø 32
 - CYL Ø 40
- Execution:**
- Cylindrical
 - Tapered
- Lengths:**
- 50 mm to 75 mm
 - 90 mm
 - 100 mm / 105 mm
 - 120 mm
 - 130 mm
 - 160 mm / 165 mm
 - 200 mm

Collets:



- GERC16-B / BD
- GERC16-HP / HPD / HPDD
- GERC20-B / BD
- GERC20-HP / HPD
- GERC25-B / BD
- GERC25-HP / HPD / HPDD
- GERC32-B / BD
- GERC32-HP / HPD / HPDD
- GERC40-B / BD
- GERC40-HP / HPD / HPDD

Clamping Nuts:

3 µm at 3xD with HP collets and DPC clamping nut
6 µm at 3xD with B collets and DPC clamping nut

DPC



HSS



HSS clamping nut recommended for GERC-B collets for collet collapse up to max. - 0,4 mm

- DPC 16
- DPC 16 - HSS
- DPC 20
- DPC 20 - HSS
- DPC 25
- DPC 25 - HSS
- DPC 32
- DPC 32 - HSS
- DPC 40