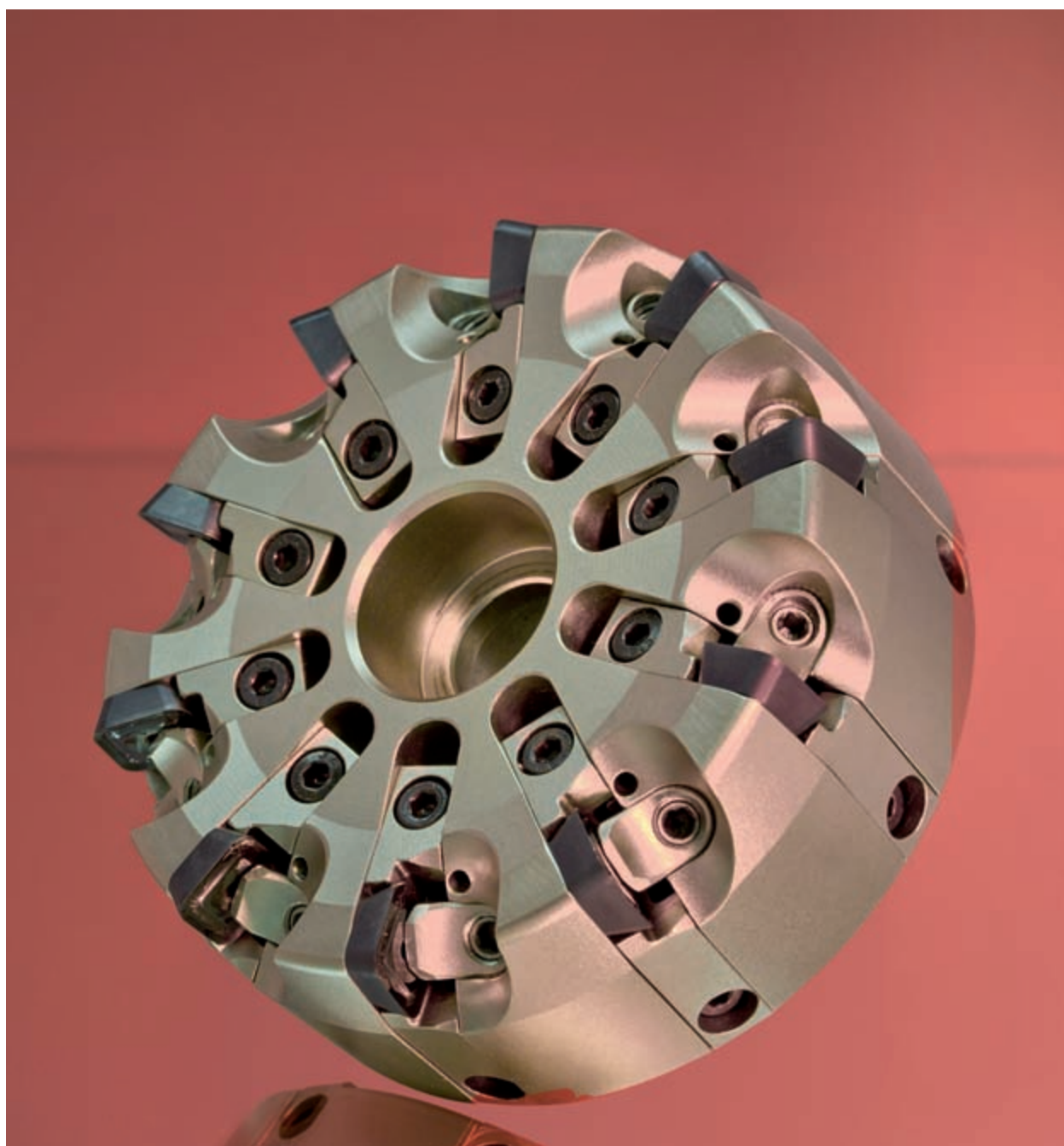


Innovation



MaxiMill HPF

Efficient machining of bi-metal surfaces



EN



Application - customer benefits

Industries

- ☐ Automotive industry
- ☐ Mechanical engineering

Materials

- ☐ Aluminium
- ☐ Cast iron
- ☐ Bimetal

Typical components

- ☐ Motorblocks
- ☐ Machines



Product advantages

One tool, one insert for semi-finishing and finishing



Increased productivity; shorter process times (no tool change necessary)

Excellent surface quality on bimetal surfaces



Cost saving as the grinding process is no longer necessary

High cutting speed on aluminium



Shorter cycle time, enhanced productivity

- ☐ Optimally adaptable to the respective situation thanks to the flexible cartridge equipment

- ☐ Easy handling, short presetting time and quick mounting

- ☐ High number of teeth for maximum metal removal rates

- ☐ Excellent surface quality

$R_z \leq 5 \mu\text{m}$ $R_a \leq 0.63 \mu\text{m}$ $W_t \leq 5 \mu\text{m}$ $P_t \leq 15 \mu\text{m}$

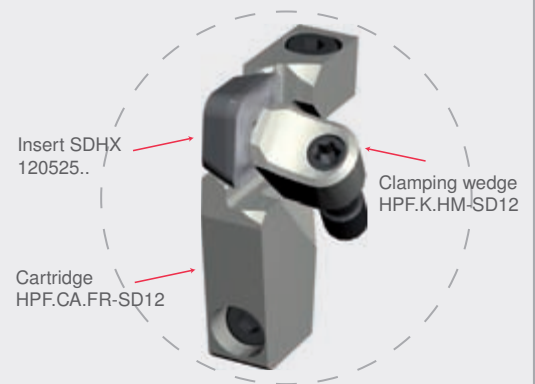
- ☐ Carbide and PCD as cutting materials



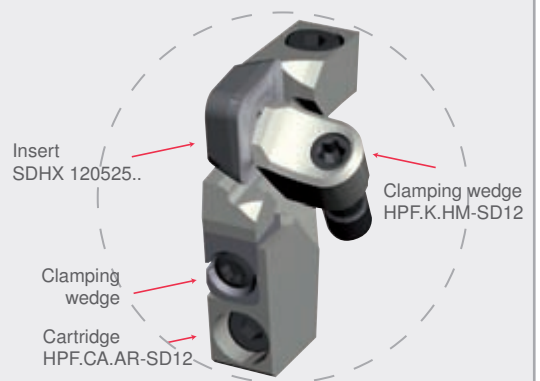
Tooling system - components



Fix cartridge



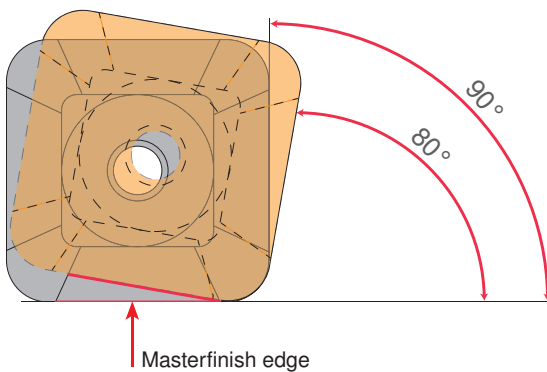
Adjustable cartridge



Inserts

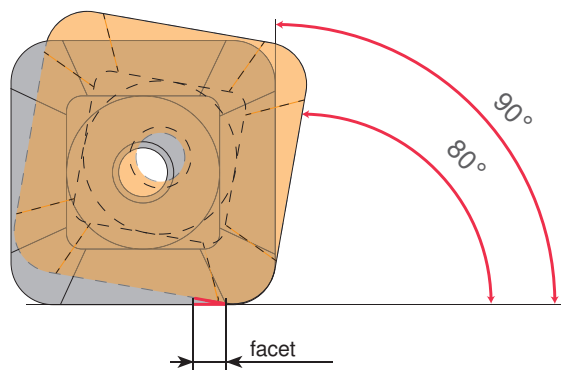
SDHX..EN-27P

Insert with Masterfinish edge



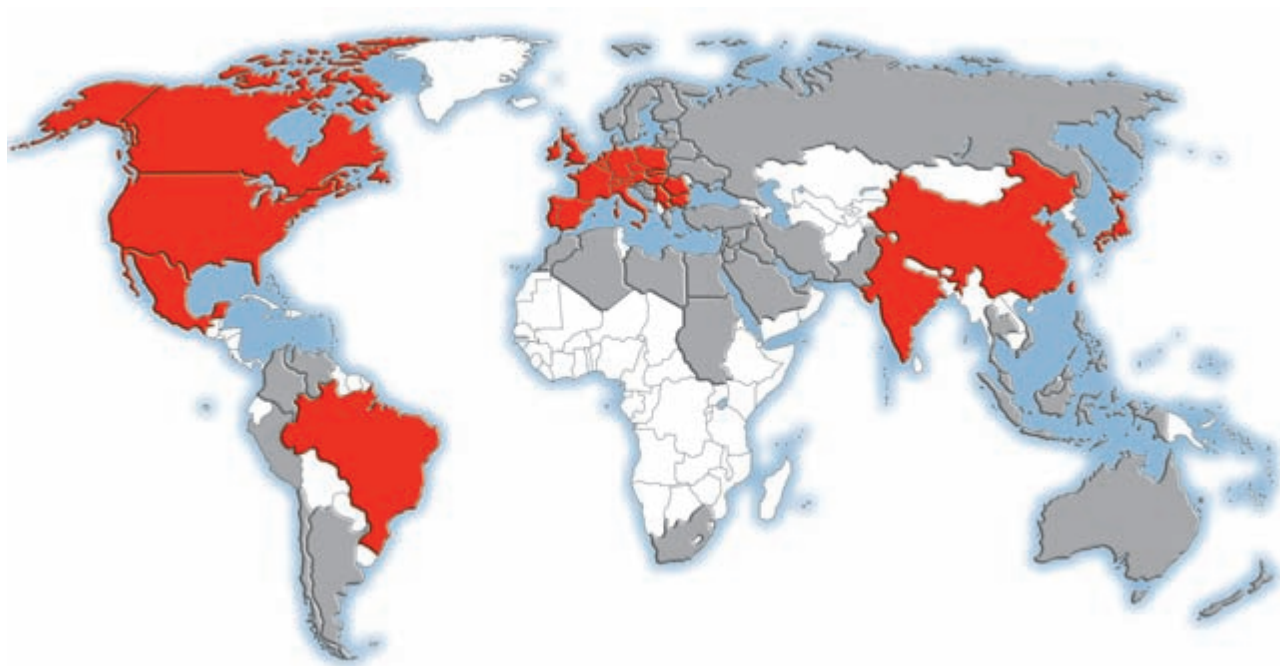
SDHX..ER-27P

with facet



80° fix cartridge
90° adjustable cartridge

CERATIZIT worldwide



- CERATIZIT worldwide production sites and support centres
- CERATIZIT worldwide distribution partner network



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