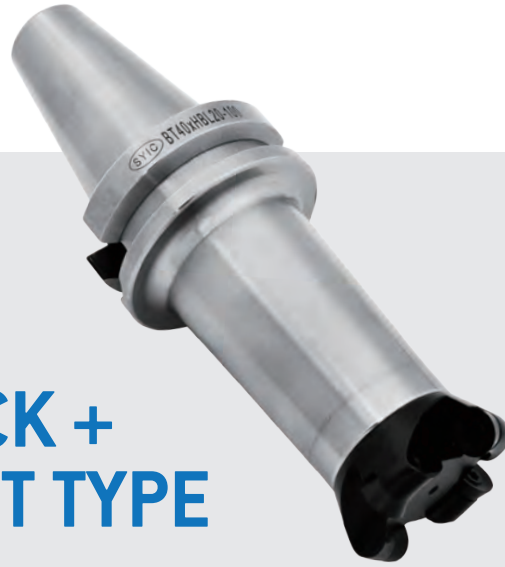




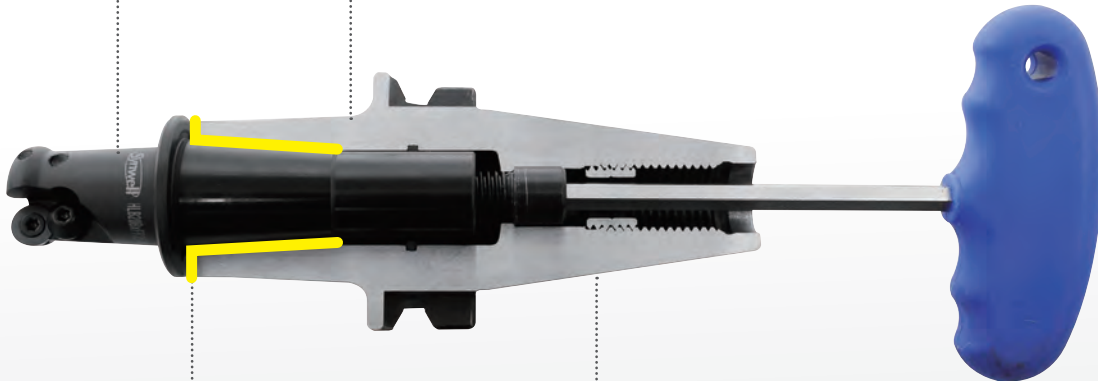
- MODULAR SYSTEM
- TWO FACE CONTACT
- DRAWBAR CLAMPING DESIGN



HBL COLLET CHUCK + HLB FACE CONTACT TYPE CUTTING TOOLS



- ▶ Modular design reduces the purchase cost of tool holder. Applicable for various kinds of processing.
- ▶ HLB CUTTING TOOL-ONE PIECE DESIGN WITH SLC COLLET TAPER
Eliminate the gap between HLB cutter and HBL tool holder.
The taper of HLB cutter remains 4° slanted design, which improves holding power, concentricity and rigidity.
- ▶ Two-face contact between collet taper, collet flange and the end of HBL tool holder, increases the rigidity of machining.
- ▶ HLB drawbar clamping design strengthens the axial clamping force.



HBL & HLB SYSTEM

	▶ HLB / R	▶ HLB / GR	▶ HLB / IAP HLB / CIAP
	▶ HLB / PMB	▶ HLB / PCK	▶ HLB / MCK
	▶ HLB / SFC	▶ HLB / BFC	▶ SLC Collet

SMB
Finish
Boring
Head

SCK
Roughing
Boring
Head