

OD Grooving with Schwanog

Insertable tooling systems for all ESCOMATIC® machine types

ESCOMATIC® D2 MACHINE



CONVERTED VENTURA HEAD D2 120 WITH
HEXAGONAL SHAFT



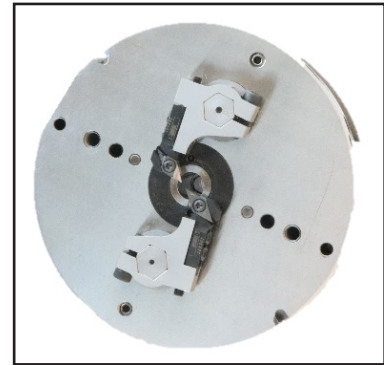
The Schwanog tooling system for ESCOMATIC® machines

We offer a highly productive tooling solution for all ESCOMATIC® machines. Besides the insertable form tools, we also offer suitable holders for all types of machines including cam-type machines D2, D4, D5, and D6 as well as the new D2/D5 CNC and NM Mach machines. The machines in the below-mentioned graphic require the head to be converted to a hexagonal shaft - but this conversion is technically simple and requires only a little effort. Tests have shown that Schwanog's DCI system offers significant benefits. However, the following applies: The tougher the material to be cut, the higher the cost savings!

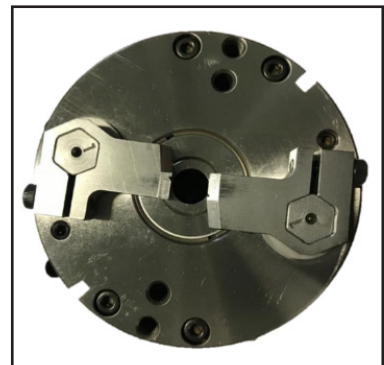
ESCOMATIC® heads



Conversion of head w.
hexagonal shaft required



Conversion of head w.
hexagonal shaft maybe
required



All other machine types do not require a head conversion as these machines are already supplied with the hexagonal shaft.

The advantages

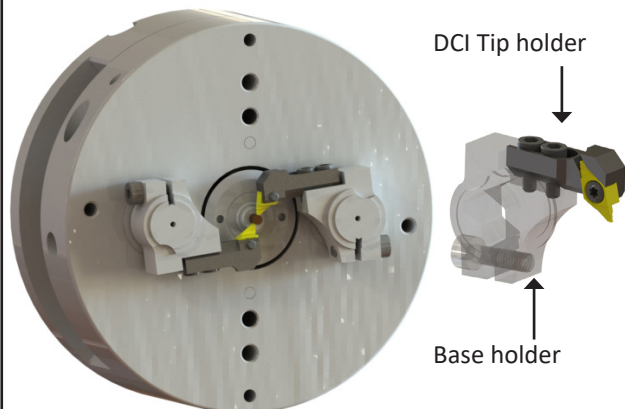
- Vast reduction in tool costs
- Due to the systems high repeatability, separate adjustment during tool change is eliminated
- Substantial time savings during tool changeover
- Significantly lower downtime costs due to fewer tool changeovers
- Complete solutions for the entire line of ESCO machines

Machine types and ESCOMATIC® holders

D2/D4/D5, D2 FLEXSPEED, D2 CNC UP

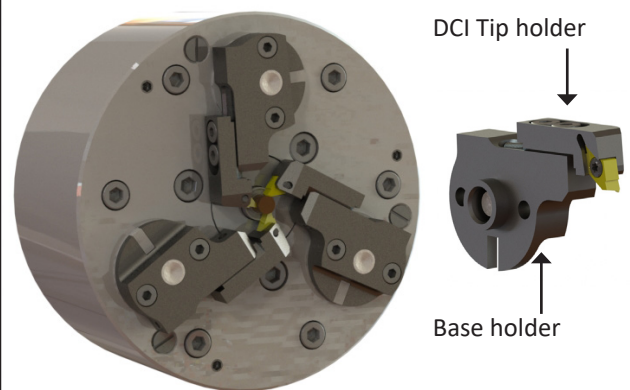
Ø 120 mm

Head must be converted with hexagonal shaft



D6

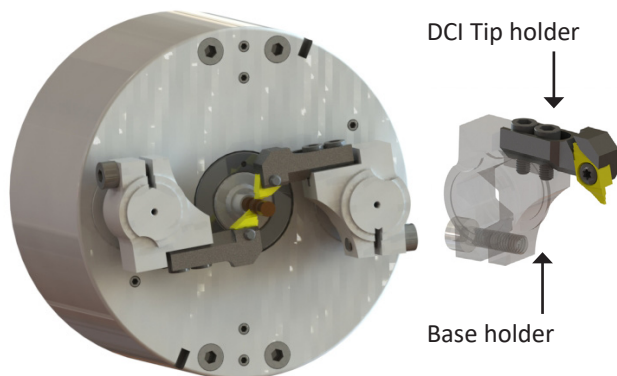
Ø 126 mm



D2/D5 CNC, D5 CNC ULTRA, D5 TWIN

Ø 90 mm

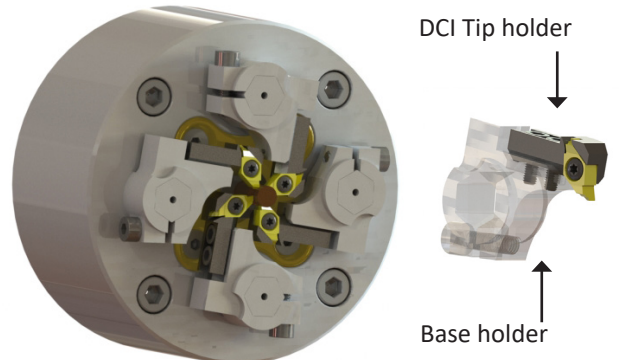
Head must be converted with hexagonal shaft



D2/D5 CNC, D5 CNC ULTRA, D5 TWIN

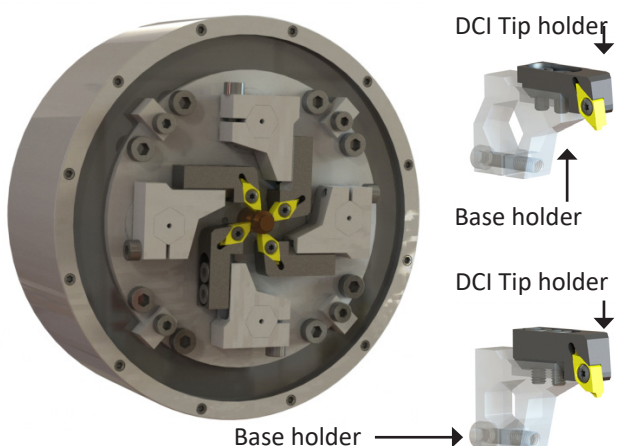
Ø 90 mm

Head must be converted with hexagonal shaft



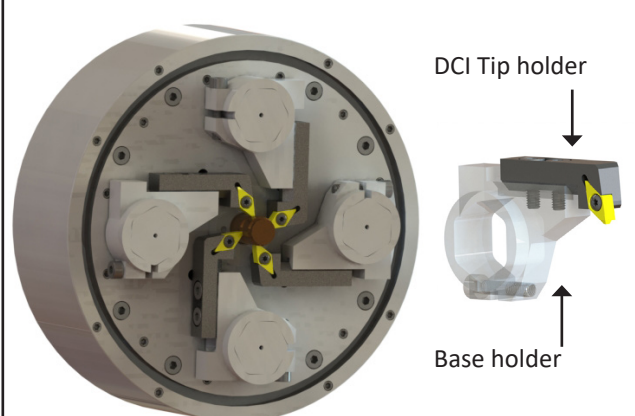
NM8 FLEXI, EC08

Ø 140 mm



NM8 FLEXI, EC08

Ø 140 mm



Schwanog tools for ESCOMATIC® machines

Machine	Head diameter	Base holder	DCI Tip holder	Left/right-hand	Schwanog System
D2 D4 D5 CAM D2 CNC UP D2 FLEXSPEED	Ø 120 mm	Conversion required. Base holder existing through conversion.	288503	Left	DCI 15,70 Tool w. 2 cutting edges
			288501	Right	DCI 15,70 Tool w. 2 cutting edges
			323880	Left	DCI 19,90 Tool w. 2 cutting edges
			327124	Right	DCI 19,90 Tool w. 2 cutting edges
D6 CAM	Ø 126 mm	279344	274484	Left	DCI 15,70 Tool w. 2 cutting edges
			284498	Right	DCI 15,70 Tool w. 2 cutting edges
			334989	Left	DCI 19,90 Tool w. 2 cutting edges
			338227	Right	DCI 19,90 Tool w. 2 cutting edges
		298516	303629	Left	WEP 14.4, w. 3 edges
			298427	Right	WEP 14.4, w. 3 edges
D2 / D5 CNC D5 CNC ULTRA D5 TWIN D2 CNC-New	Ø 90 mm	Conversion maybe required. Base holder existing through conversion.	288503	Left	DCI 15,70 Tool w. 2 cutting edges
			351156	Left	DCI 19,90 Tool w. 2 cutting edges
			288501	Right	DCI 15,70 Tool w. 2 cutting edges
			351154	Right	DCI 19,90 Tool w. 2 cutting edges
NM6 FLEXI NM6 TWIN	Ø 96 mm	Base holder supplied with machine.	288505	Left	DCI 15,70 Tool w. 2 cutting edges
			288504	Right	DCI 15,70 Tool w. 2 cutting edges
			337139	Left	DCI 19,90 Tool w. 2 cutting edges
			337137	Right	DCI 19,90 Tool w. 2 cutting edges
NM8 FLEXI	Ø 140 mm	Base holder supplied with machine.	316244	Left	DCI 15,70 Tool w. 2 cutting edges
			316245	Right	DCI 15,70 Tool w. 2 cutting edges
EC 08	Ø 140 mm	Base holder supplied with machine.	316243	Left	DCI 15,70 Tool w. 2 cutting edges
			316242	Right	DCI 15,70 Tool w. 2 cutting edges
EC12	Ø 150 mm	Base holder supplied with machine.	316247	Left	DCI 15,70 Tool w. 2 cutting edges
			316246	Right	DCI 15,70 Tool w. 2 cutting edges