

OD Grooving with Schwanog

**Insertable tooling systems for
all ESCOMATIC® machine types**



ESCOMATIC® D2 MACHINE



**CONVERTED VENTURA HEAD D2 120 WITH
HEXAGONAL SHAFT**



schwanog

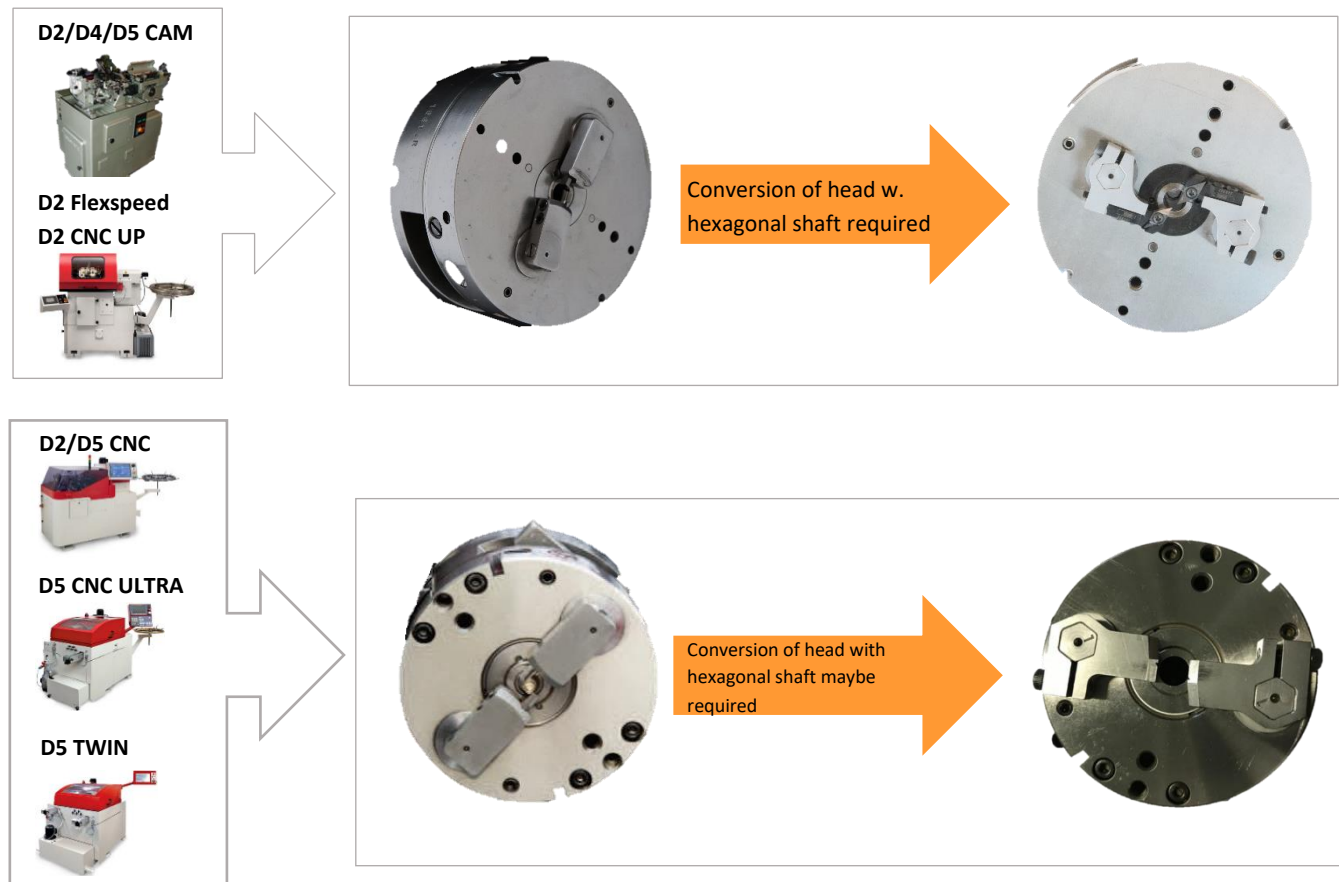


The Schwanog tooling system for ESCOMATIC® machines

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



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

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

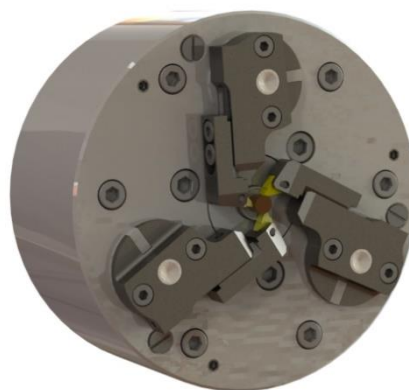
Ø 120 mm

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



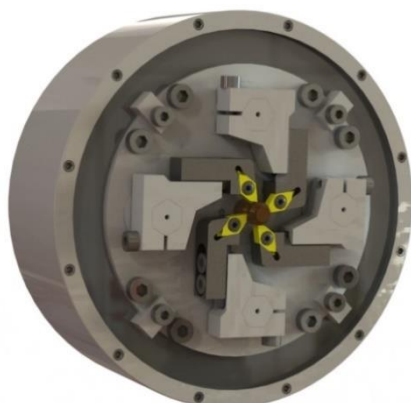
NM6 FLEXI, NM6 TWIN

Ø 96 mm



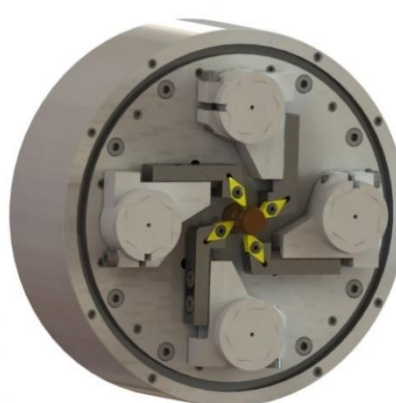
NM8 FLEXI, EC08

Ø 140 mm



EC12

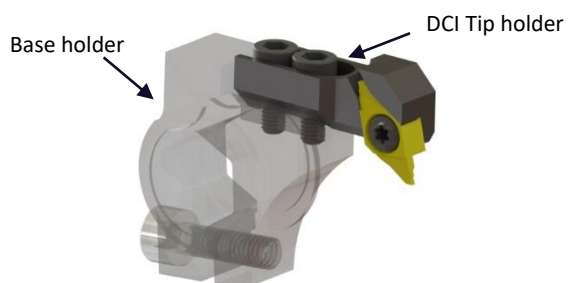
Ø 150 mm



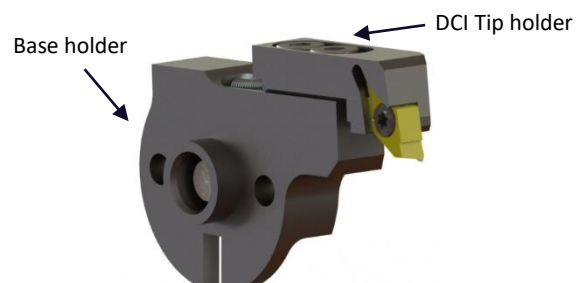


ESCOMATIC® holders

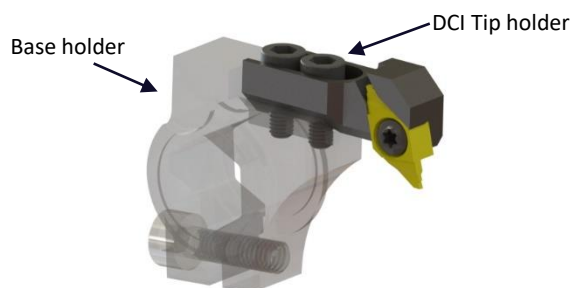
D2/D4/D5, D2 FLEXSPEED, D2 CNC UP



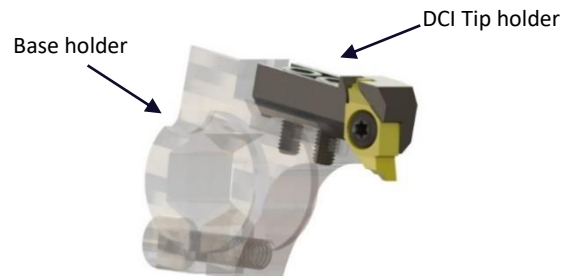
D6



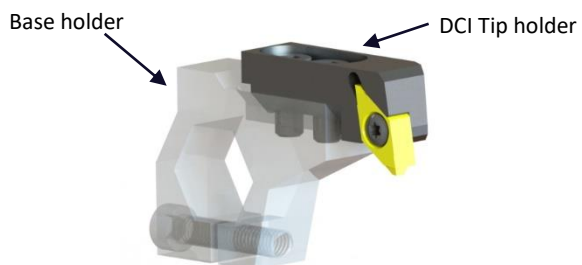
D2/D5 CNC, D5 CNC ULTRA, D5 TWIN



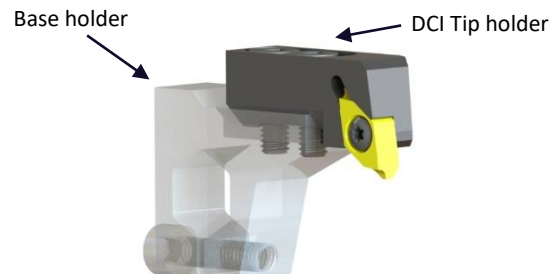
NM6 FLEXI, NM6 TWIN



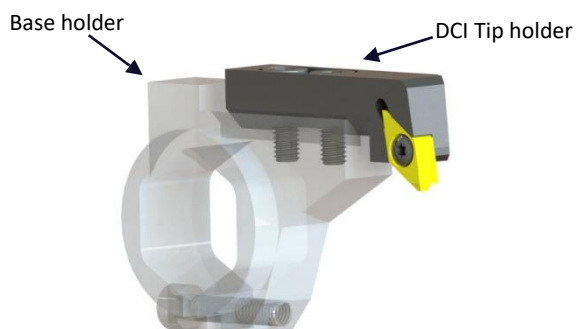
NM8 FLEXI



EC08



EC12



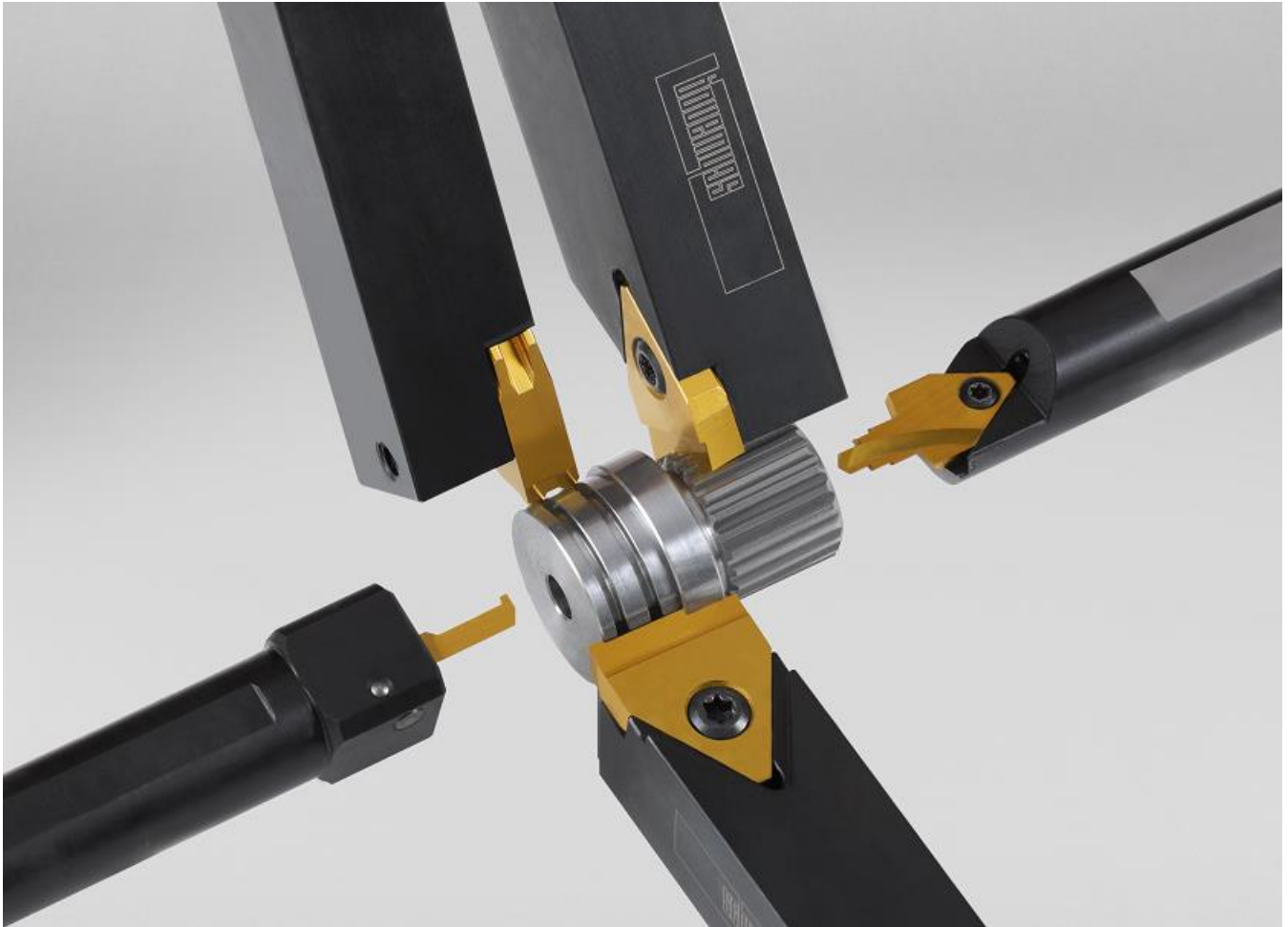


Schwanog tools for ESCOMATIC® machines

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	Ø 90 mm	Conversion may be 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
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



SCHWANOG – Reducing costs is our job!



Simply call or email us your part drawing!

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