

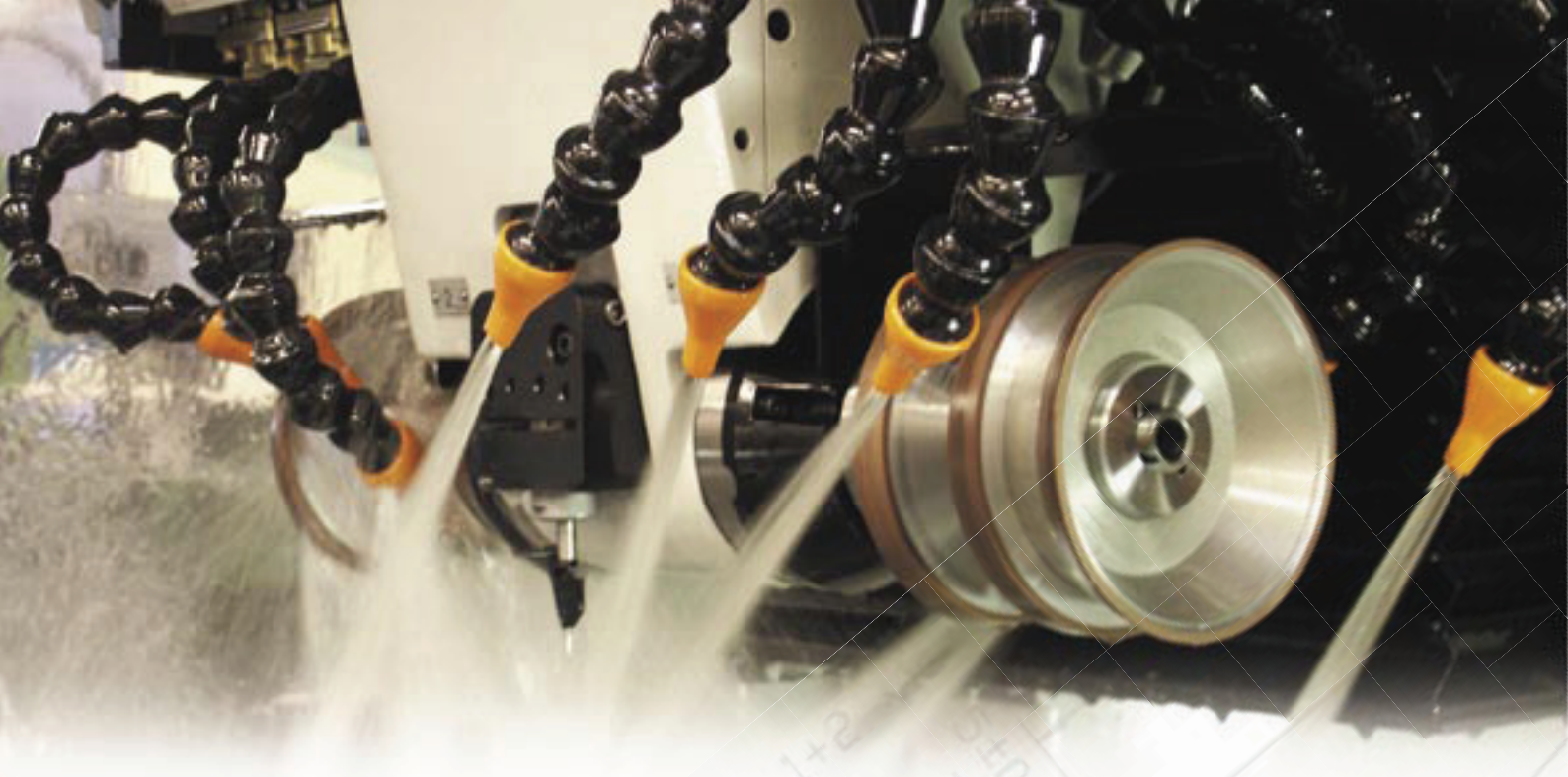


Tool Manufacturer

DAN Special ^A/_S



Specialist in cutting tools



Specialist in cutting tools

We are a dynamic and flexible company with 20 highly educated and motivated employees. We are specialists within manufacturing of cutting tools. With more than 35 years of experience, we guarantee that our customers get professional advice and guidance.

GOAL

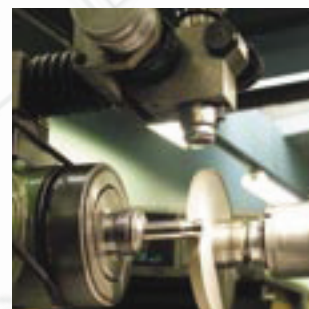
Dan-Special will through our focus on quality, service and short lead times, live up to the customer's demands and at competitive prices.

BUSINESS AREAS

Our customers in the metal-working industry serve the following sectors and markets:

- Oil and gas
- Aviation
- Automotive
- Water supply/plumbing
- Safety and Protection
- Medical

We perform CNC grinding, milling and turning; surface, form and circular grinding and spark erosion as well as diamond polishing. Our professionalism is reflected in our way of adapting to our customers' individual needs.



EXPORT

A well-established home market has provided the base from which we can offer our experience to customers in such markets as Scandinavia, Germany, China and Brazil. Our combination of quality, service, price and short lead times finds favor amongst a growing number of international customers. Experience shows that it pays off to use Dan-Special for production.

*Tools are
manufactured
to meet
customer
needs*

*Tools with
changeable
standard inserts*



Core competences

Grinding

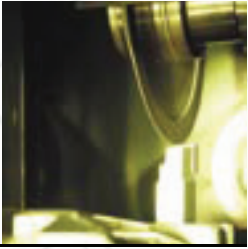
CNC GRINDING

CNC grinding machine, Walter Helitronic Power, with 5 axes and updated with the latest software. We can offer all types of grinding of cutting tools in HM and HSS. The machine is equipped with robotic loader for small and larger batches.

UNIVERSAL GRINDING

Our special machines are fitted with measuring glass with 40 x enlargement ensuring that dimensions, radius and angles are measured directly during the manufacturing process.

Production includes form drills, broaches, prickers, barrel bores and broaching tools etc. in HSS and HM as well as tools with soldered plates or changeable standard HM inserts. All tools can be surface treated and coated by means of state-of-the-art coating processes.



PROFILE GRINDING

Grinding of steel profiles with soldered plates and changeable inserts on special machines with projector screen.

Measurement ratio: 1:10, 1:20 and 1:25

SURFACE GRINDING

Blohm surface grinder equipped for deep grinding with diaform 1:10 and digital measuring equipment.

CIRCULAR GRINDING

Circular grinding is performed on Studer machines with cyclic programme and measurement control. External and internal grinding of series runs from 1-100 pieces. Dimensions of up to 350 x 700 mm can be undertaken. Grinding with a tolerance of +/- 0.001 mm can be performed.

TURNING AND MILLING

The turning and milling group produces shaft material for special steel profiles and form drills. Limited-run tools can be produced according to customer drawings.

MEASURING

All finished tools are tested/measured up in our measuring area prior to shipment. An inspection report can be supplied upon request.



Profile cutter in fully hardened metal



Walter Helitronic Power

Testing of tool prior to shipment



Jungner with optical grinding device





History

Dan-Special A/S was founded in 1981 by Bent Jørgensen. The company started out in older facilities, but soon the development meant that Dan-Special moved to more contemporary facilities and invested in new technology and more machines. Next generation is also ensured.

Dan-Special is in the middle of a generational change to the son, John Jørgensen, who started his career in the company in 1981. Since then, he has been trained as a toolmaker with Danfoss A/S before returning to his roots. Today, he is Technical Director in the company.



Machine and equipment inventory

GRINDING MACHINES

- 3 Walter Helitronic Power
5 axes grinding machine
with the latest software
- 6 Jungner US-2305 universal
grinding machines with digital
measuring equipment
- 2 Jungner US-2350 universal grinding
machines with digital measuring
equipment
- 3 Jungner US-2305 universal grinding
machines with optical
grinding device (projector) 10 X & 20 X
- 1 Ewag WS 11 universal grinder
- 1 Hauni-Blohm HFS 204
surface grinder with full-face
diaform and digital measuring
equipment 200 X 450
- 1 Studer S30 circular grinder
with measuring control, cyclic
programme, digital and with
internal grinding 175/700 MK5
- 1 Studer S20 circular grinder with
internal grinding – digital 100/650 MK4

LATHES

- 1 CNC Schaublin CCN180 X 400 X 650
- 1 Colchester Triumph 2000, digital
- 1 Compact 8 X 150 X 500

MILLING MACHINES

- 1 Mikron CNC miller WF21 450 X 400
- 1 Mikron WF2SA
with point control 250 X 650
- 1 Mikron WF 1 250 X 650

MEASURING EQUIPMENT

- 1 Zoller Venturion 400 with camera
- 1 Nikon V 12 profile projector
10 X – 20 X – 50 X – 100 X
- 1 Mauser Capax-2000
- 1 Perthen M3P surface finish tester

MISCELLANEOUS EQUIPMENT

- 1 Agietron EMT.1.10 spark
erosion machine
- 1 Kasto HBS 190/240 cold saw
- 1 Guyson DC 40 sandblasting machine
- 1 Pillar drilling machine
- Hard-soldering equipment

Contact Dan-Special when you require cutting tools
or various grinding tasks.

We provide advice and guidance on
the best possible production of tools to suit your particular needs
– ideally to be followed up by a visit to you or a visit by you to us.

Our delivery time is short – for example two weeks
- but in the case of urgent orders,
we can deliver within 24 hours.

*Contact Dan-Special
The specialist in cutting tools*

It pays off!



Skolevej 46 · DK-6430 Nordborg

Tel. +45 74 45 45 65 · Fax +45 74 45 45 95

E-mail: ds@dan-special.dk · www.dan-special.dk