









Pelletizer Knives



Bi-metal Knives for Coperion UG 300 (PP)



Bi-metal Sabre Knife for Coperion Pelletizer (PP)







Bi-metal Knife for Coperion UG 1000 (HDPE)





Bi-metal Knife for Coperion UG 1250 (HDPE)



Solid TiC Knife for Nordson BKG Pelletizer



O USG

Flat Knives one row/two row for Nordson BKG and Gala Pelletizers Titanium carbide has proved to be excellent as material for pelletizing knives. Our bi-metal knives combine the advantages of this high wear resistant material with cost-oriented manufacture. We solder exclusively in vacuum, which ensures perfect stability of the soldered TiC insert.

We manufacture the knives with our know-how and according to your requirements from:

- Titanium Carbide Nikro 128 or Nikro 143
- Bi-metal, Titanium Carbide insert in a high strength stainless steel body
- PM Materials
- different hardenable tool steels, like D2, 440B, 440C a.s.o.







Steel Knife for Kobe pelletizer (HDPE)



Bi-metal Knife for Kobe UP 850 (HDPE)

Bi-metal Knife for JSW Pelletizer (HDPE)



Bi-metal Knife for JSW Pelletizer (PP)





Bi-metal Knife for Berstorff UWG 80 (LDPE)



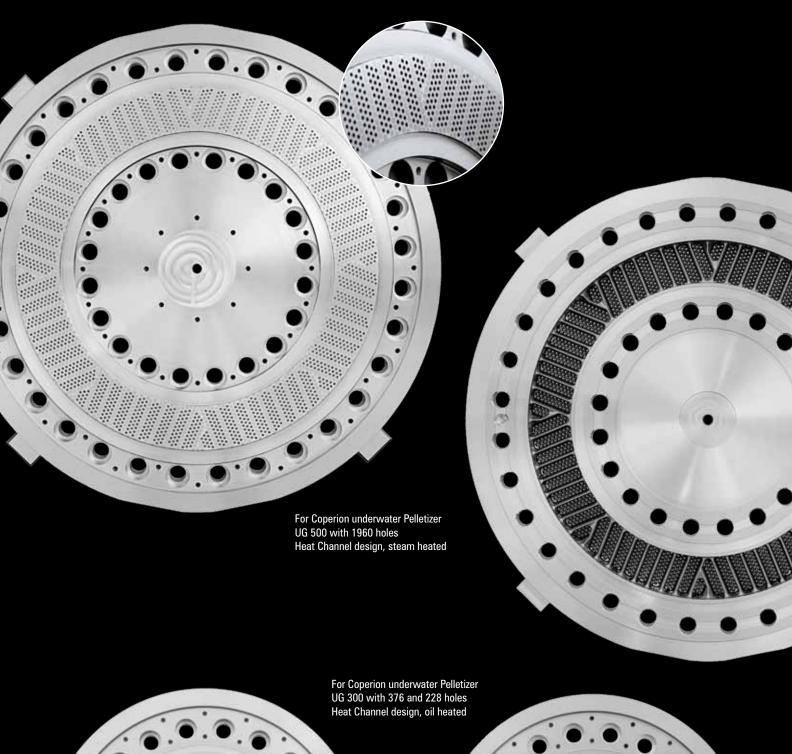


Bi-metal Sabre Knife for Farrel C 800 (PP)

Bi-metal Knife for Farrel C 1000 (HDPE)

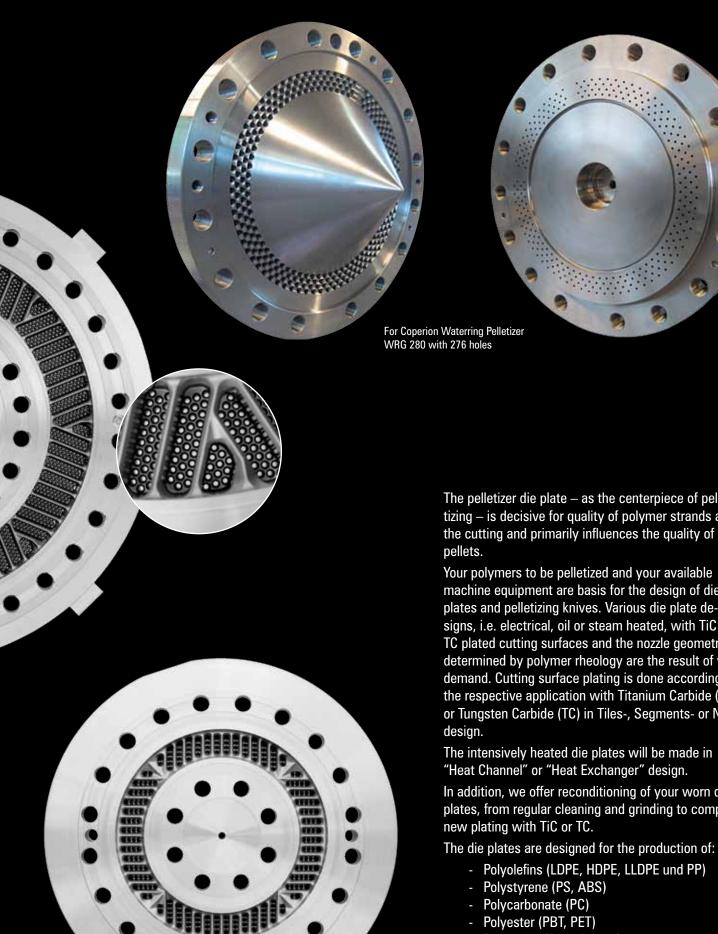








Pelletizer Die Plates



The pelletizer die plate – as the centerpiece of pelletizing - is decisive for quality of polymer strands and the cutting and primarily influences the quality of

machine equipment are basis for the design of die plates and pelletizing knives. Various die plate designs, i.e. electrical, oil or steam heated, with TiC or TC plated cutting surfaces and the nozzle geometries determined by polymer rheology are the result of your demand. Cutting surface plating is done according to the respective application with Titanium Carbide (TiC) or Tungsten Carbide (TC) in Tiles-, Segments- or Nib

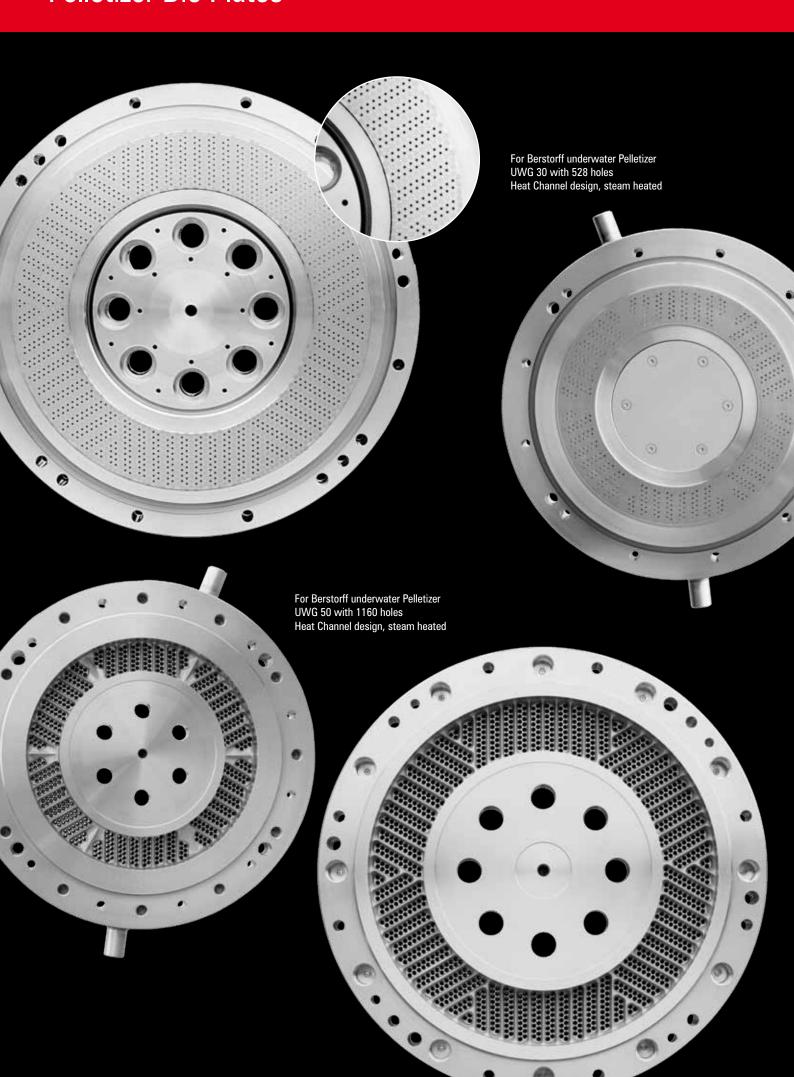
"Heat Channel" or "Heat Exchanger" design.

In addition, we offer reconditioning of your worn die plates, from regular cleaning and grinding to complete

- Polyamide (PA 6, PA 6.6)

for commodity resins and for master batch and compounds.

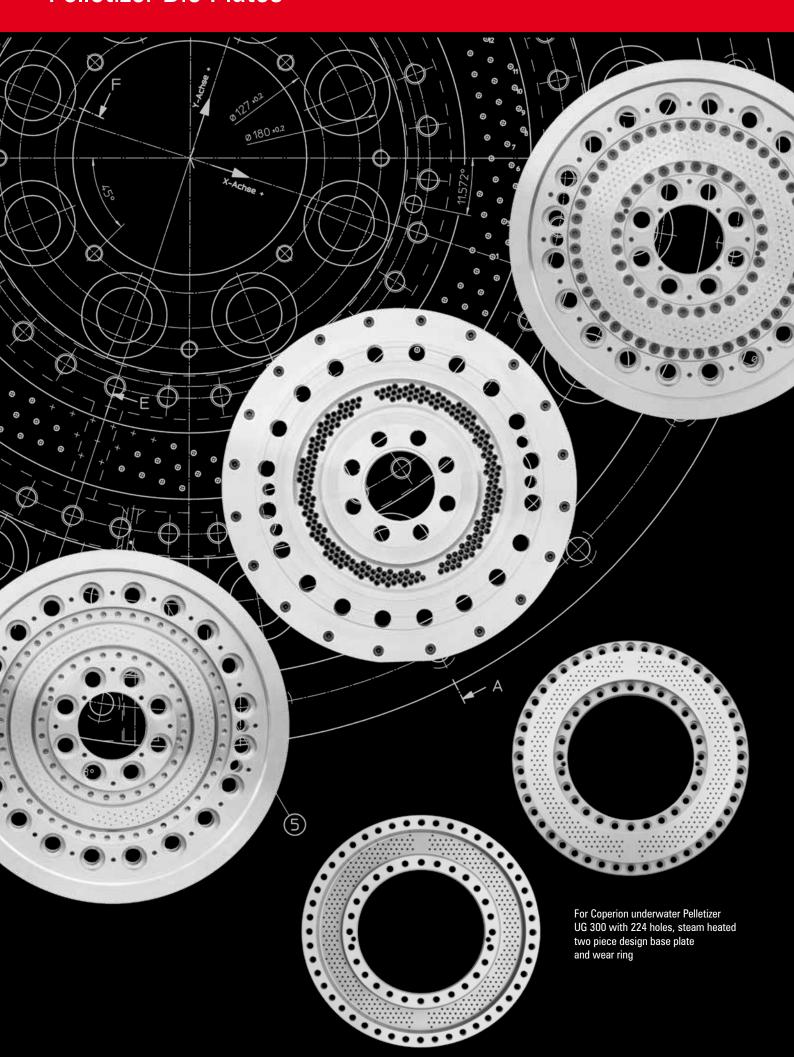
Pelletizer Die Plates

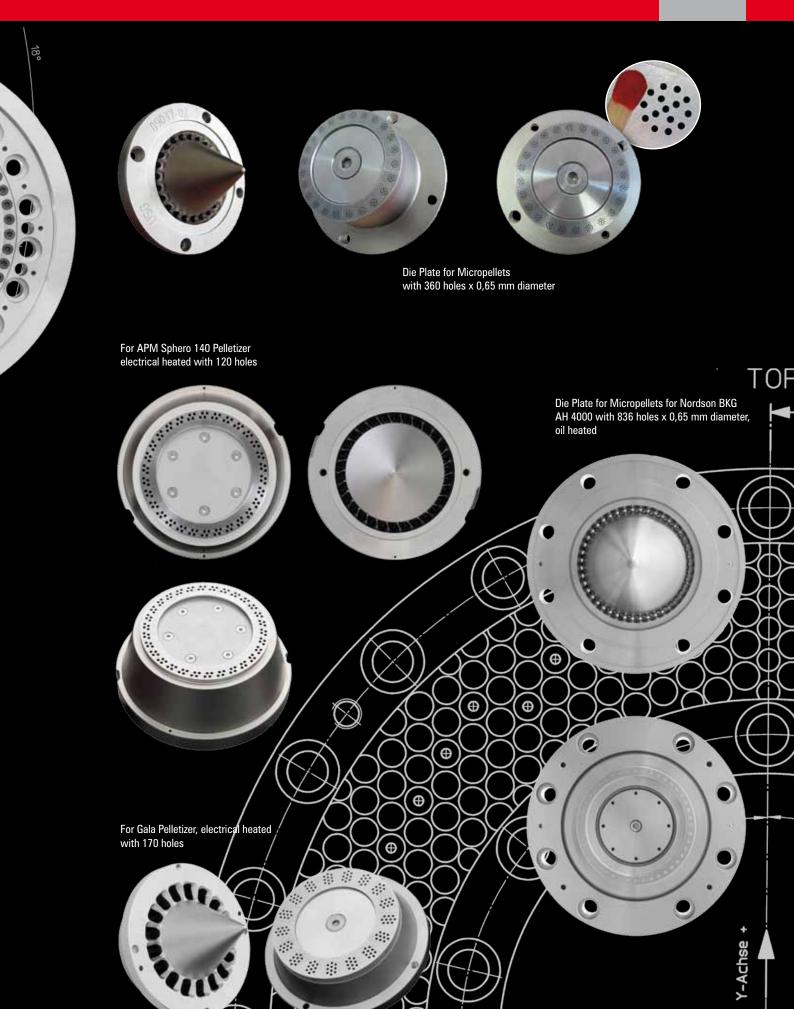






Pelletizer Die Plates

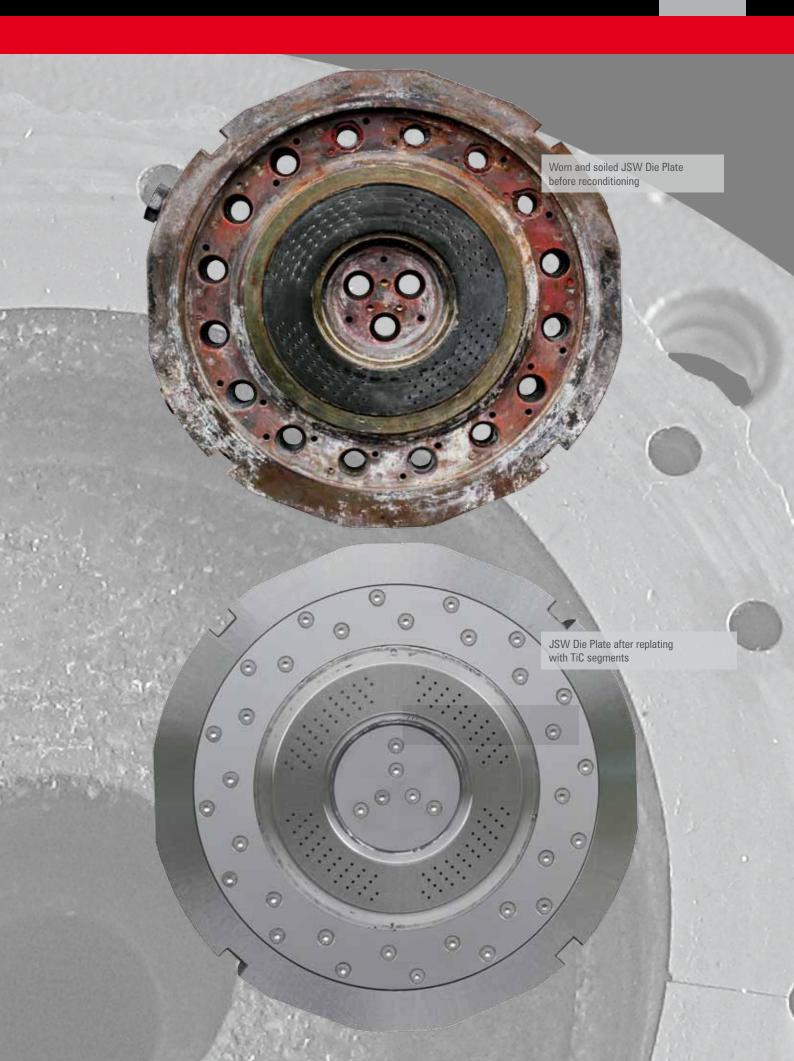




Reconditioning of Die Plates

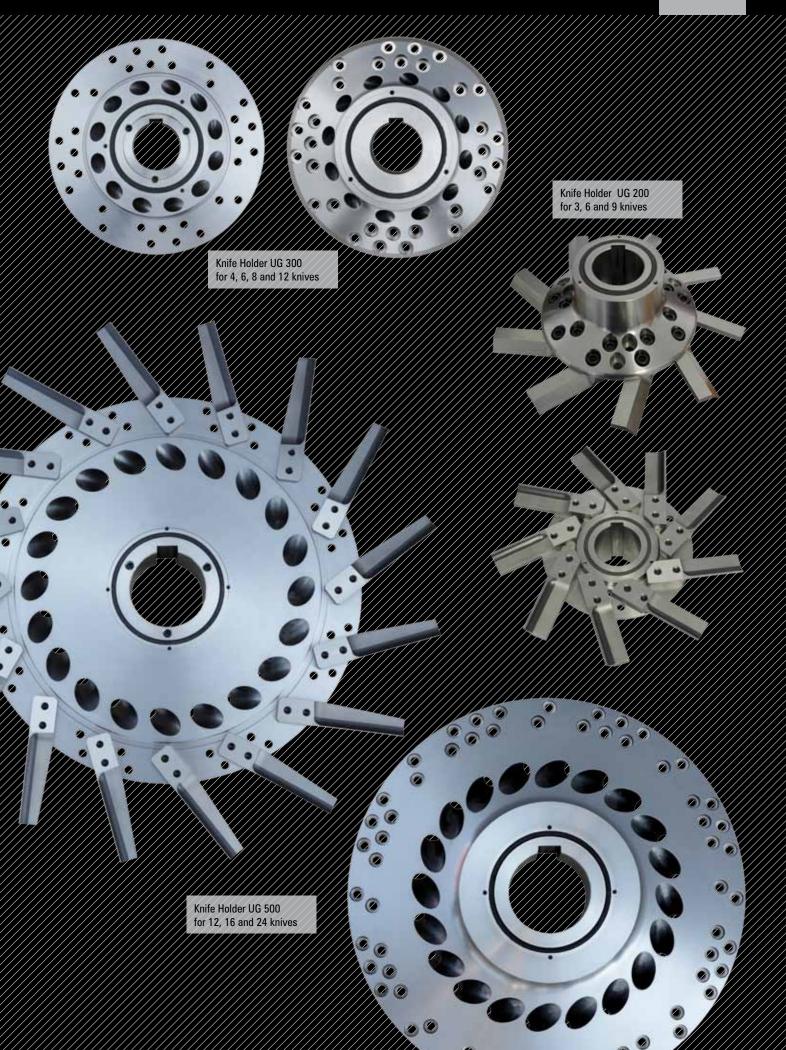




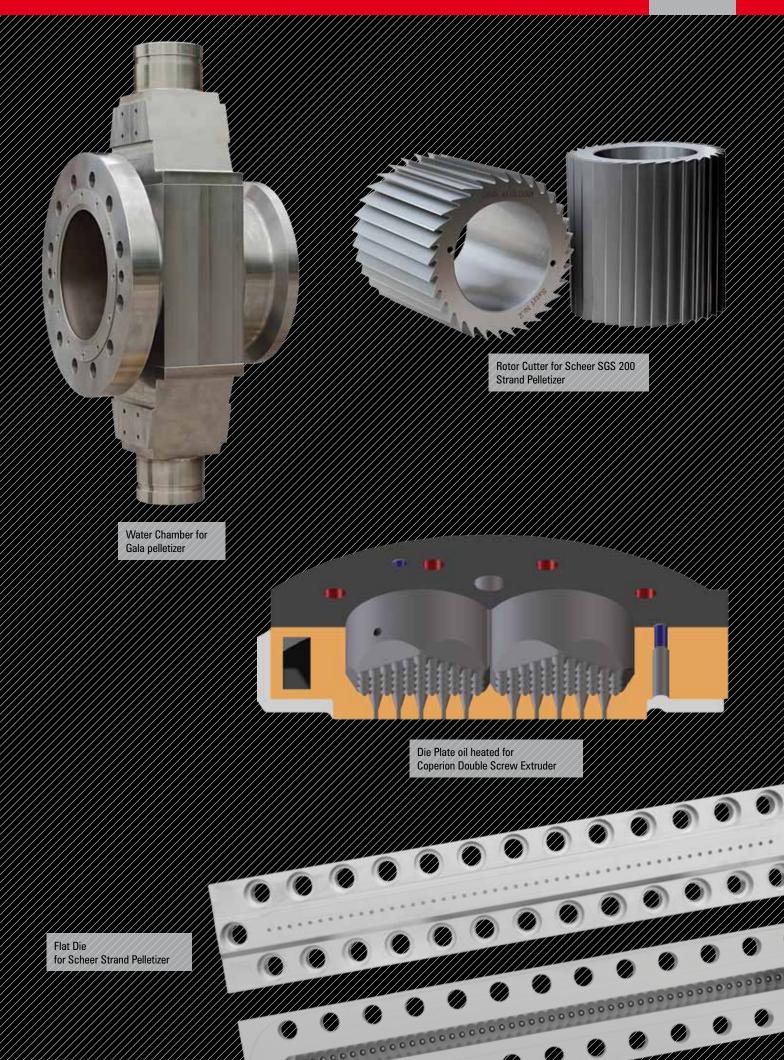


Knife holder











Uwe Stücke Granuliertechnik GmbH · Siemensstr. 38b · D-59199 Bönen · www.usg-gmbh.com · info@usg-gmbh.com

Our product range includes:

- Pellet Plates for Underwater- and Waterring Pelletizers
- Knives in solid TiC (Nikro 128 or Nikro 143), Bi-metal or tool steel design
- Knife Holders in rigid or flexible design
- Rotor Cutters for Strand Pelletizers made of tool steel, PM materials or carbide-tipped
- Die Heads for Strand Pelletizers
- Hole Bushes
- Strainer Plates
- Grinding Service for Pellet Plates, Knives and Rotor Cutters
- Replating of Pellet Plates

for pelletizing systems of following manufacturers:

- APM (Automatik)
- Berstorff
- Coperion Werner & Pfleiderer
- Econ
- Farrel
- Gala
- JSW Japan Steel Works
- Kobe
- Nordson BKG
- Scheer
- ... and others

Contact

Uwe Stücke, Managing Director

Sales/Engineering

Fon +49 (0) 23 83-912 70 - 0 Fax +49 (0) 23 83-912 70 - 22

e-mail: us@usg-gmbh.de

Eric Kopetzki, Managing Director

Manufacturing

Fon +49 (0) 23 83-912 70 - 15 Fax +49 (0) 23 83-912 70 - 22

e-mail: ek@usg-gmbh.de

Roland Mendrina, Design

Engineering/Sales

Fon +49 (0) 23 83-912 70 - 11 Fax +49 (0) 23 83-912 70 - 22

e-mail: rm@usg-gmbh.de