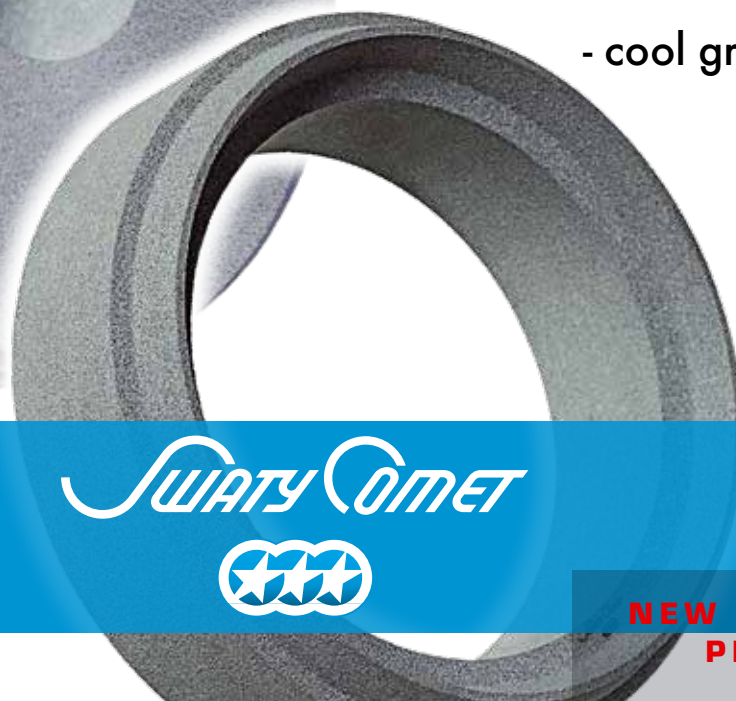


SWATYCOMET

SHARPIO TOPGEAR

Gear grinding



**Increased productivity with
TAILOR MADE products.
Selected combination of
microcrystalline grains
combined with special
SHARPIO BONDING SYSTEM:**

- best profile retention,
- less dressing cycles,
- working speed up to 80m/s,
- less aggressiveness towards
to diamond dressing tool,
- cool grinding cycle,
- better QV.

SWATYCOMET



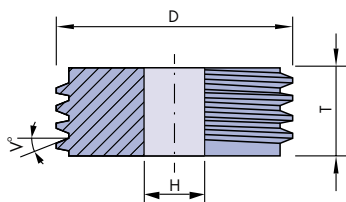
**NEW GENERATION
PRODUCTS**

SWATYCOMET

SHARPIO TOPGEAR

Continuous grinding:

The wheels can be supplied with or without profile from 1 to 7 starts in accordance with other important parameters, such as module, pressure angle and direction of lead (Right or Left).



BZ	Specification	M	working speed (m/s)
TOPGEAR I (TG1)	TG1 80 J 11 V	> 3,5	35 - 80
	TG1 100 I 11 V	2,5 - 3,5	
	TG1 120 H 11 V	1,25 - 2,5	
	TG1 150 G 11 V	0,5 - 1,25	
TOPGEAR II (TG2)	TG2 80 J 11 V	> 3,5	35 - 63
	TG2 100 I 11 V	2,5 - 3,5	
	TG2 120 H 11 V	1,25 - 2,5	
	TG2 150 G 11 V	0,5 - 1,25	

Order tips:

1Z - D x T x H - M/V°

1Z - 320 x 230 x 110 - M10/V20°

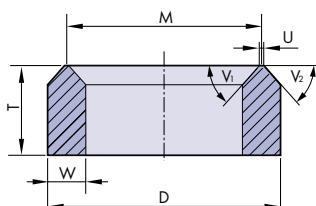
Modul: 0,5 - 12

STARTS: 1-7

Pressure angle (°): negotiable

Bevel grinding:

The wheels are supplied unprofiled or with profile. On request rings are supplied on metal backing plate. Machines: Gleason, Reishauer.



Order tips:

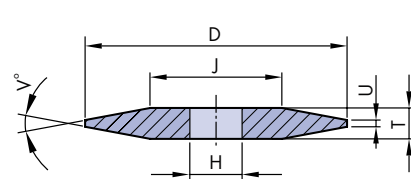
2Z - D x T - W

2Z - 330 x 89 - W30,5

Profile grinding:

The wheels are supplied unprofiled or with profile. The shape of profile depends of grinding system or type of gears and grinding machine.

Machines: Niles, Klingelberg, Gleason, Höfler, Liebherr, Maag.



BZ	Specification	M	working speed (m/s)
TOPGEAR I (TG1)	TG1 54 I 12 V	> 7	35 - 63
	TG1 60 G 12 V	3 - 7	
	TG1 80 H 12 V	≤ 3	
TOPGEAR II (TG2)	TG2 54 I 14 V	> 7	35 - 50
	TG2 60 G 14 V	3 - 7	
	TG2 80 H 14 V	≤ 3	

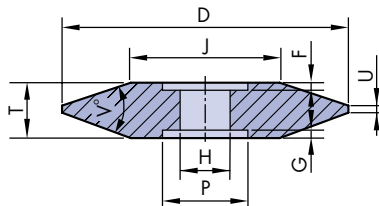
Order tips:

4N - D x T x H - U... V°

4N - 400 x 40 x 127 - U6 V40°

Rack grinding:

- creep feed grinding: the wheels are supplied unprofiled
- profile grinding: the wheels are supplied profiled



Order tips:

7N - D/J x T/U x H - P x F - V°

We can offer all standard or specially developed quality according to customer requirements for different types of gears. With your support we can manufacture optimal quality for your needs regardless of the method of grinding - continuous grinding, profile grinding or linear gear grinding.

