

SWATYCOMET TOPGEAR

Gear grinding



With selected combination of abrasive grains, open structure and special bonding system we achieve better grinding efficiency:

- better profile retention
- decreased dressing cycles
- lower aggressivity towards diamond dresser
- cool grinding cycle
- better Qv



SWATYCOMET



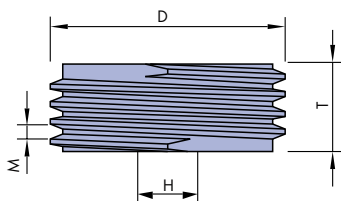
**NEW GENERATION
PRODUCTS**

TOPGEAR

Continuous grinding:

The wheels can be supplied without or with profile from one to 9 starts in accordance with other important parameters, such as module (M), pressure angle and direction of lead.

Machines: Reishauer, Liebherr, Gleason, Kapp, Samputensili



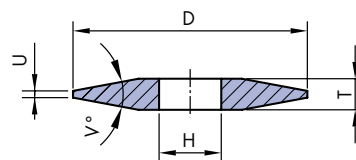
D	T	H
		76,2
		90
200 - 400	25 - 230	110
		203,2
		160

Profile grinding:

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

Machines:

Höfler (Klingelberg), Niles, Gleason, Samputensili



D	T	H
		90
		127
200 - 400	25 - 230	203,2
		160

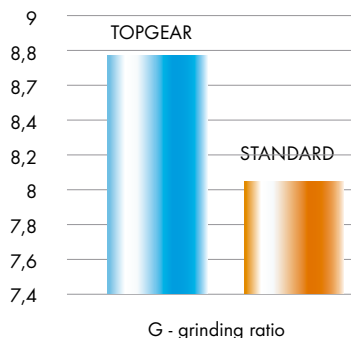
RECOMMENDATIONS

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	

Material: tempered or non-tempered steel 58 - 62 HRc
Material: Hardened and unhardened steel 58 - 62 HRc

BZ	Specification	M	working speed (m/s)
TOPGEAR I (TG1)	TG1 54 I 12 V	> 7	35 - 50
	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	

Material: tempered or non-tempered steel 58 - 62 HRc
Material: Hardened and unhardened steel 58 - 62 HRc



Order tips:

D x T x H - M/V°
300 x 62 x 160 x 2,5/30°

modul: 0,5-12
STARTS: 1-9
Pressure angle (°): negotiable

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.