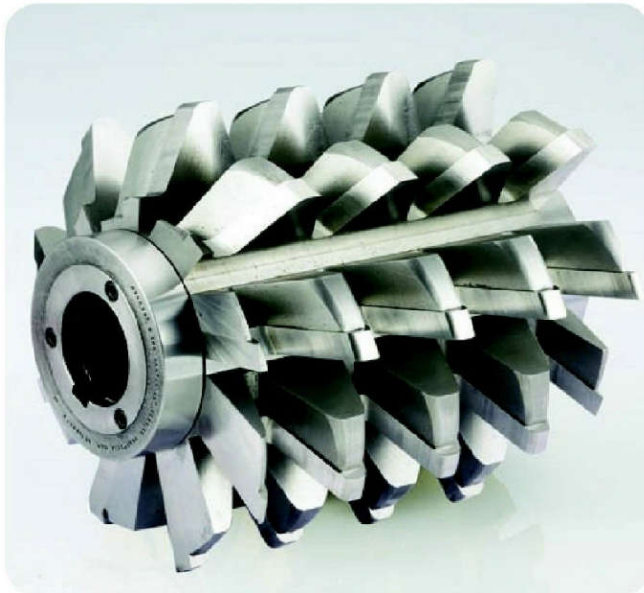


Built-up Hob / Carbide Hob



Built-up Hob



The teeth and body are assembled separately and with different materials.

Advantages

- 1) The cutting condition is efficient controlled relief angle.
- 2) Cost effective with lower material price for body.
- 3) Useful for high speed cutting with controlled arbor.

Disadvantages

- 1) The manufacturing process is complex.
- 2) The out-diameter of built-up hob increases more than that of a standard gear hob.
- 3) It requires more flexible delivery terms than a standard gear hob.

Unit: mm

Module	Out Dia	Total Length	Bore Dia
10	205	220	60
11	215	235	60
12	220	240	60
14	235	260	60
16	250	280	60
18	265	300	60
20	280	320	60
22	315	335	80
25	330	350	80
28	345	365	80
30	360	385	80
32	375	405	80

► The above indicated specification for hob might be changed with customer's request.

Carbide Hob



DTR newly developed carbide hobs can cut gears down powerfully at high speed which brings higher efficiency of production than conventional HSS hobbing.

Specification

module : m0.5~m3.0

accuracy class : DIN3968 , class A / AA / AAA

Characteristics

- high cutting speeds
- short machining times
- a longer tool life than conventional HSS cutter
- time saving per piece for gear manufacture
- high productivity
- machining precision
- improved working environment by employing dry cutting
- high suitability for dry machining
- lower gear generation costs