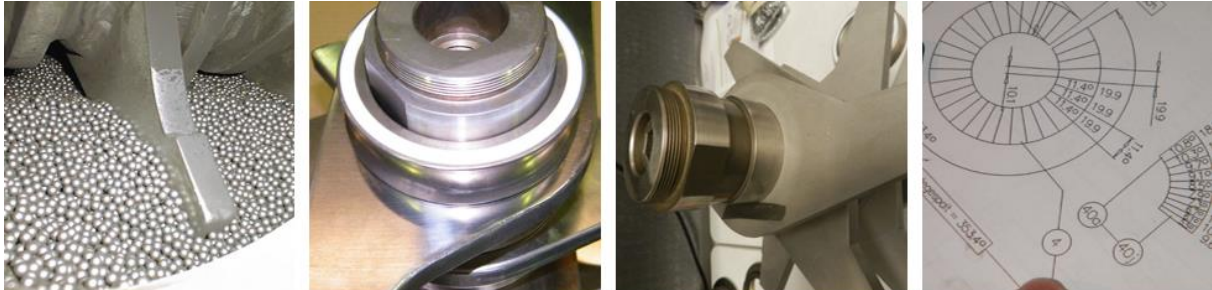


Modular rotors for Simoloyer® systems



application	advance
Rotors for Simoloyer® grinding-units, the key-modules for High Kinetic Processing: <ul style="list-style-type: none"> • Mechanical Alloying / Reactive Milling; • High Energy Milling; • Nanostructured Materials. 	High flexibility towards materials and wear, easy maintenance: <ul style="list-style-type: none"> • SIN, THM, stainless steel, ceramics, Stellite® etal; • particular replacement and over-working allows extended life-span.



dimensions / technical data									
grinding unit size	W01		W08		W20		W100	W400	W900
grinding-unit volume [liters]	1	2	5	8	10	20	100	400	900
rotor standard approx. [kg]	1,1	1,5	2,7	4,3	8,6	14,3	80	175	390
rotor modular approx. [kg]	1,4	1,9	3,3	5,1	9,8	16,5	87	tcl	tcl

modular rotors open a wide range of materials and material compositions to be utilized.

type	modular rotor-blades, material	aux. components	material/treated
ZMS	austenitic stainless steel + hardphase	bushes & washers	hardened steel/coated (option)
SiN	Si3N4 ceramic	pre-seal	
THM	WC-Co hard-metal	rotor shaft	hardened steel
Stl	Stellite® cast/HIP	assembly	rotor-center-screw with tool-kit
HSS	tool-steel	definition example	rotor W01-21m-ZMS



technical data subject to alterations