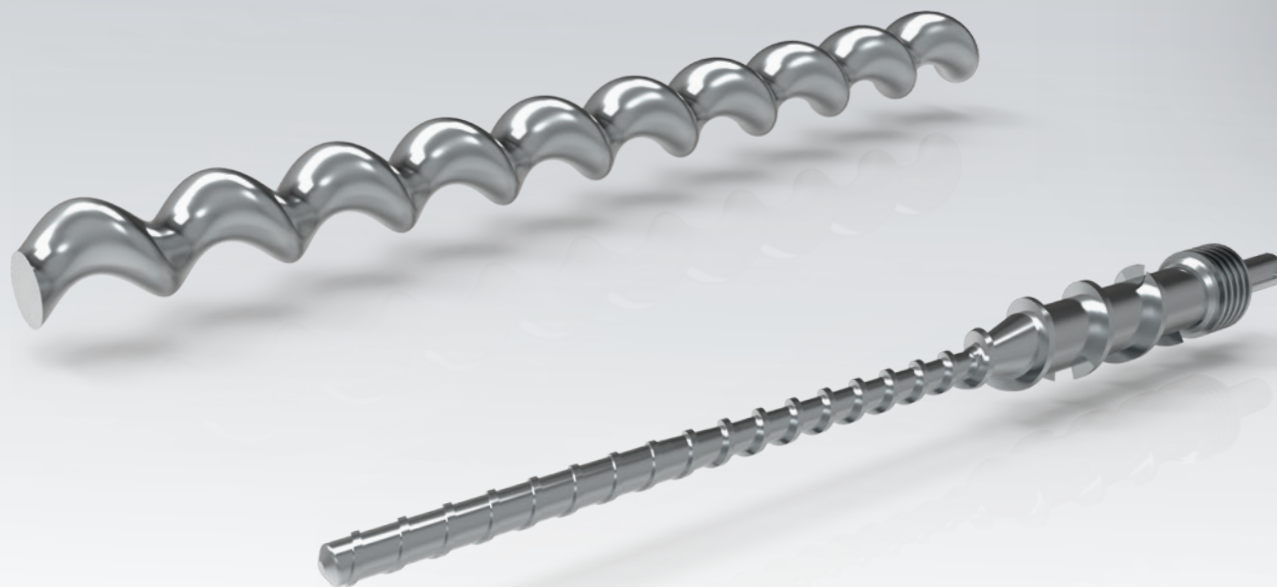


finish
grinding & polishing



complete
SOLUTION

WORKPIECE DIMENSIONS	DIAMETER 25 - 340 mm	LENGTH 1.000 - 11.000 mm	MAX WEIGHT between centers 2.000 kg	TOTAL WEIGHT with workpiece support 3.500 kg
CONTROL	Siemens SINUMERIK ONE / NUM flexium with external remote stations. 1µm resolution of linear axis. 0,001° resolution of rotary axis.			
GRINDING / POLISHING UNITS	single band grinding and polishing unit. Type PBSE-G-300/100, incl. AC-main spindle motor with pneumatically controlled band tensioning system pressure.			
MAIN DATA	TRANSMISSIBLE POWER AT 3.000 RPM 10,6 kW	GRINDING SPEED 40 m/s	SWIVELLING RANGE (A) +88° / -70°	
GRINDING BELT	MAX WIDTH 10 - 100 mm	MAX BELT LENGTH incl. 5% belt lengthening 3.000 mm		
CONTACT WHEEL	MAX TOOL DIAMETER 300 mm	CONTACT WHEEL WIDTH 100 mm	FLAPPING WHEEL WIDTH 70 mm	
TRIPLE BELT GRINDING & POLISHING UNIT	type PSE-G-220/20, for left-hand rotors, incl. AC-main spindle motor with manual band tensioning system.			
MAIN DATA	TRANSMISSIBLE POWER AT 3.000 RPM 8,7 kW	GRINDING SPEED 40 m/s	SWIVELLING RANGE (A) min. +74°	POSITION (Z2) max. +88°
ADDITIONAL AXES Z1/Z3 AC-servo motor driven	MIN TO MAX TRAVEL DISTANCE 550 - 1.030 mm	POWER 0,35 kW	RPM 3.000 rpm	MAX SPEED 1.500 mm / min
ADDITIONAL AXES X2/1 X2/2 X2/3 hydraulically operated	LIFT 300 mm			
GRINDING BELT	MAX WIDTH 20 mm	MAX BELT LENGTH incl. 5% belt lengthening 2.200 mm		

