Eye Trim

KERFOLG PRESETTING EYE TRIM II

ITEM: C4715

High performance entry level preset. Despite its small size, with a diameter of 260 mm and a height of 360 mm, Eye Trim II contains structural and design features capable of guaranteeing remarkable measurement accuracy, dimensional stability and a high degree of reliability. Base and column in natural granite, one of the materials with the lowest coefficient of thermal expansion (fundamental element in terms of measurement). New 7 " graphic display makes the presetting experience simple and complete, thanks to an intuitive display of the tool data and the practical summary of all the machine functions in a single screen. Interchangeable spindle holders avoid the use of adapters and consequently possible coupling errors.

FEATURES

- X axis measurement resolution 0.001 mm. Z axis 0.001 mm
- Management electronics with 32-bit RISC processor and integrated vision system
- C-MOS sensor, 5x5mm framed image area, 20X magnification
- Telecentric lens and LED illuminator
- 7" LCD color TFT graphic display (image 86x150)
- Full Touch Screen for all presetter functions
- Software with menus represented by icons
- Lifetime free software update
- Display radius / diameter, mm / inch, abs / incr.
- Possibility of measurement with autocollimation on the whole screen
- Automatic calculation cycle of insert radius and angle
- Management nr. 9 digital machine origins
- Management nr. 9 tool tables, each consisting of 99 tools
- Memorization for each tool offset of: T, Lx, Lz, insert radius
- Data storage on flash memory
- Connection with PC via RS-232 port and electronics BIOS update
- 24Vdc power supply with external power supply supplied as standard
- TD236 for managing backup and restore functions of machine origins and tool lists

OPTIONAL

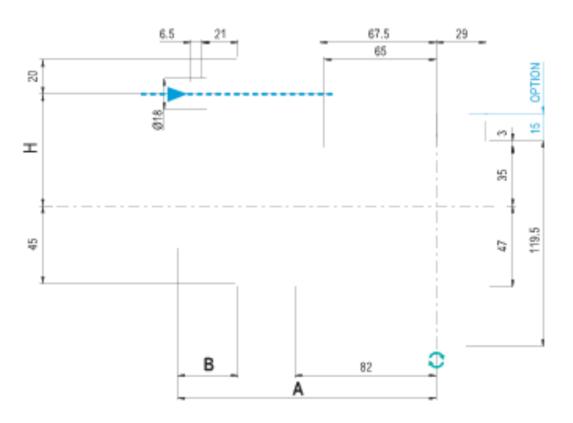
- Additional ISO / BT / HSK / VDI interchangeable spindle holders
- Mini-label printer
- Support table

Tech. Code	Useful X axis mm	Useful Z axis mm	Chuck	Weight Kg
C471540			ISO 40	
C471550	130 (ø 260)	360	ISO 50	45
C471563			HSK 63	

INTEGRAL ANGLE HEADS

ITEM: G90-16 - G90-20

Body in sandblasted and chromed steel with high resistance. Shaft with intergral attachment shank (cemented, hardended and ground) to guarantee maximum rigidity. Each drive shaft is supported by a pair of angular contact bearings, preloaded in the ABEC 9 precision class and lubricated with lifetime grease. Spiral bevel gears made of high strength material, ground to guarantee lower heating and noise and high revolutions. Computerized calculation of the bevel gear pair (gleason): more teeth engaged, more output torque, greater number of working hours, almost no noise. Weight and reduced dimension compared to the corresponding models of the Evolution line. Double front seal (labyrinth + seal). External coolant supply via pin and internal pressurization included in the price (a) Options: internal coolant supply through the tool: 10 bar via rotary distributor (b) 30 to 70 bar by machine spindle, dry rotation not possible (c) ReCool special ferrules to achieve coolant passage via tool even on heads that do not provide this option (d) High speed up to 10,000 rpm. Compatibility with the heads always installed (anti-rotation pin and identical stop blocks).



Tech. Code		Shanks	H mm	Output	Rpm max.	Ratio	A mm	B mm	Weight Kg	*
C4900S4065ER25		SK40	65		8000	1:1	150	35	5,4	1
C4900S4080ER25			80	ER 25						
C4900S5080ER25		SK50								
C4900B4065ER25		BT40 BT50 SK50	65							
C4900B4080ER25										
C4900B5080ER25			80				156	41		
C4900S5080ER32				ER 32	4000		160	35	- 11	
C4900B5080ER32		BT50					166	41		

AUTOMATIC TOOL CHANGE - SENSE OF ROTATION EQUAL TO THE SPINDLE.

Supplied with Stop-block, ER ring, service wrenches, grease tube and instruction book - in case