

OUTLINE

This is a grinding machine for chamfering the I.D. and O.D. of rings.

35600 Group

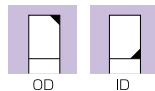
CNC SEMI AUTOMATIC PISTONRING GRINDING MACHINE

ICG-1M

3.6/11.5-35600

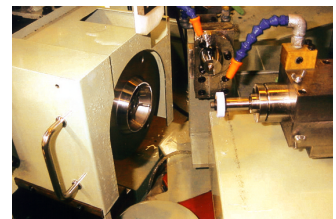
I.D. & O.D. CHAMFER

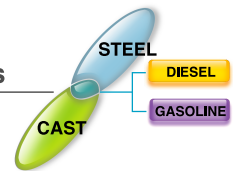
● Use	DIESEL/GASOLINE
● Material	C S
● Condition	W
● O.D.Range	φ 36 ~ φ 115
● Chucking Breadth	1PIECE
● 1-cycle processes	SINGLE
● Machining Profile	



SPEC

PHOTO





PISTONRING GRINDING MACHINE 11210 Series List of Specifications

Specifications item		11210 3.6/11.5-35600 ICG-1M		
SPEC SHEET				
No. of work clamps		Single		
Method of work clamp		Electromagnetic chuck		
Work head side		Electromagnetic chuck		
Tailstock side		x		
Closing sleeve				
Structure		Horizontal type		
Operation mode	Full automatic	○		
	Semi automatic			
S T R U C T U R E	Machining capacity Ring nominal diameter(ϕ)	36~115		
	Machining count per cycle	Single		
	Work head No. of heads	1		
	Motor output(kW)	0.75		
	Rotation speed(rpm)	200~350		
	Grinding head No. of heads	1		
	Motor output(kW)	0.75		
	Rotation speed(rpm)	Max.25000		
	Machine dimensions L × D × H(mm)	2100×1950×2049		
	Machine weight(kg)	About 3500		
B A S I C S T R U C T U R E	NC controlled axes	Work head		
		Grinding head	2	
		Others		
	Loader	x		
	Unloader	x		
	Stocker	IN stocker	x	
		OUT stocker	x	
	Hydraulic unit	?		
	Pneumatic unit	?		
	Forcible lubrication unit for slide	?		
	Electric system	Control panel	○	
		NC unit	○	
	Deburring unit	x		
	Dressing unit	○		
	Standard attachments	Grinding wheel flange	○	
		Leveling bolt & plate	○	
		Adjustment tool	○	
		Machine instruction manual	○	
		Jig	○	
Basic options	CBN wheel compliant		○	
	CE marking		○	
A D D E D O P T I O N S	C V	Low-pressure splash guard	○	
		High-pressure splash guard	○	
	C L	Coolant tank	○	
		Low-pressure coolant unit	○	
		High-pressure coolant unit	○	
		Coolant separator	○	
		Coolant filtering unit	○	
		Magnetic separator	○	
		Spicron	○	
		Oil skimmer	○	
		Paper filter	○	
	M C	Mist collector	○	
		Cover & hood for mist collector	○	
	D	Standard dressing unit	○	
		Dressing unit for CBN wheel	○	
	H Y D	Diamond tool	○	
		Fan cooler for hydraulic unit	○	
		Heater for hydraulic unit	○	
		Oil controller	○	

	3-lamp signal tower	○		
	4-lamp signal tower	○		
	Manual both-hand start	○		
E	Data registration function	○		
	RS232C interface	○		
	Entanglement preventive proximity switch	×		
	Air conditioner	○		
	Grinding wheel flange(spare)	○		
	Grinding wheel	○		
	Balancing arbor	○		
	Spare part 1	○		
	Spare part 2	○		

Added options mark

CV : Cover CL : Coolant unit MC : Mist collector D : Dressing unit G : Measuring unit AIR : Pneumatic unit V : Dust collector HYD : Hydraulic unit
E : Electric system LUB : Lubricator