



BEARING GRINDING MACHINE LIST



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BLANCHARD

BLANCHARD – 18K36



TECHNICAL SPECIFICATIONS

Face Grinding Machine. The workpiece is fixed on a fixed table , on a plane permanent magnet, while a movable head (where the abrasive is fixed) can move over the surface with radial movement grinding it.

TABLE DIAMETER	900	Mm	
RING DIAMETER	Number of rings is defined from the table 's diameter and rings ' diameter.		
RING WIDTH (max)	300		
WHEEL DESCRIPTION	Multiple sectors.		
CONSTRUCTION YEAR	'70		
DRESSING TOOL	Multiple 1,5 Krt.		

BLANCHARD – 24CD48



TECHNICAL SPECIFICATIONS

Face Grinding Machine. The workpiece is fixed on a fixed table, on a plane permanent magnet, while a movable head (where the abrasive is fixed) can iterate over the surface with radial movement.

TABLE DIAMETER	1220	Mm	
RING DIAMETER	Number of rings is defined from the table 's diameter and rings ' diameter.		
RING WIDTH (max)	300		
WHEEL DECRPTION	Multiple sectors .		
CONSTRUCTION YEAR	'70		
DRESSING TOOL	Multiple 1,5 Krt.		

BLANCHARD – 22K42



TECHNICAL SPECIFICATIONS

Face Grinding Machine . The workpiece is fixed on a fixed table, on a plane permanent magnet, while a movable head (where the abrasive is fixed) can iterate over the surface with radial movement.

TABLE DIAMETER	1100	Mm	
RING DIAMETER	Number of rings is defined from the table 's diameter and rings ' diameter.		
RING WIDTH (max)	300		
WHEEL DESCRIPTION	Multiple sectors .		
CONSTRUCTION YEAR	'70		
DRESSING TOOL	Multiple 1,5 Krt.		

GIUSTINA

GIUSTINA R 242



TECHNICAL SPECIFICATIONS

The grinding machine in question was built to perform the grinding work simultaneous of the faces of rings with different sizes.

The processing system is the following:

Using a portal , the rings blanks are picked up from the load channel and deposited the implement door rollers and through a cart " and forth " introduces between the wheels.

During the first part of the working cycle , the ring is machined by means of the feed plunge of the two wheels.

Before the ring bait by mole, the advancement of the grinding wheels is stopped to allow the spark out.

A work is finished the cart "coming and going" you have to ensure that the portal can withdraw ring finished and depositing the raw.

RING DIAMETER	100	450	Mm
RING WIDTH (max)	31	200	Mm
DRESSING TOOL	N°2 Multiple 1,5 Krt.		
LOADER	Automatic		
CONSTRUCTION YEAR	2009		

GIUSTINA BESLEY



TECHNICAL SPECIFICATIONS

Face Grinding Machine . The workpiece is fixed on a fixed table, on a plane permanent magnet, while a movable head (where the abrasive is fixed) can iterate over the surface with radial movement.

TABLE DIAMETER	900	Mm	
RING DIAMETER	Number of rings is defined from the table 's diameter and rings ' diameter.		
RING WIDTH (max)	150		
WHEEL DECRPTION	Multiple sectors .		
CONSTRUCTION YEAR	'70		
DRESSING TOOL	Multiple 1,5 Krt.		

FAMIR RTS80-120



TECHNICAL SPECIFICATIONS

Famir is a grinding machine for the machining of lips of the inner rings. The machine is equipped with a wheelhead and an orientable workhead.

RING DIAMETER	100		
RING WIDTH (max)	15	200	
DRESSING TOOL	N°1 Single point 0.7 Krt.		
LOADER	Manual		
WHEEL DIMENSION	300X17X127	Mm	Diameter x width x bore
CONSTRUCTION YEAR	1985		

FAMIR RTFC1-180/250.CPS1/S1



TECHNICAL SPECIFICATIONS

Famir is a grinding machine for the machining of raceways and lips of the inner rings. The machine is equipped with a wheelhead and an orientable workhead.

RING DIAMETER	90	300	Mm
RING WIDTH (max)	15	200	Mm
DRESSING TOOL	N°1 Single point 0.7 Krt.		
LOADER	Manual		
WHEEL DIMENSION	500X63X250	Mm	Diameter x width x bore
CONSTRUCTION YEAR	1985		

NOVAMODUL

NOVAMODUL W3MO401XGF CNC91



TECHNICAL SPECIFICATIONS

Internal grinding machine produced from MECCANICA NOVA.

This machine is used to grind the raceways of the external rings or the bore of the internal rings .

RING DIAMETER	90	450	Mm
RING WIDTH (max)	15	150	Mm
DRESSING TOOL	N°1 Single point 0.9 Krt.		
LOADER	Manual		
WHEEL DIMENSION	...X17X127	Mm	Diameter x width x bore
CONSTRUCTION YEAR	1992		

NOVA 4G-S P 100/420



TECHNICAL SPECIFICATIONS

Internal grinding machine produced from MECCANICA NOVA.

This machine is used to grind the raceways of the external rings or the bore of the internal rings .

It is, also, possible to grind the lips of the external cylindrical rings.

RING DIAMETER	90	420	Mm
RING WIDTH (max)	15	200	Mm
DRESSING TOOL	N°1 Diamond roll.		
LOADER	Automatic		
WHEEL DIMENSION	 x 200 x 60	MM	Diameter x width (max) x bore
CONSTRUCTION YEAR	2009		

NOVA 4G-S P 100/420



TECHNICAL SPECIFICATIONS

Internal grinding machine produced from MECCANICA NOVA.

This machine is used to grind the raceways of the external rings or the bore of the internal rings .

It is, also, possible to grind the lips of the external cylindrical rings.

RING DIAMETER	100	420	Mm
RING WIDTH (max)	15	200	Mm
DRESSING TOOL	N°1 diamond roll		
LOADER	Automatic		
WHEEL DIMENSION	 x 200 x 60	MM	Diameter x width (max) x bore
CONSTRUCTION YEAR	2006	...	

NOVA 4G-S P 100/420



TECHNICAL SPECIFICATIONS

Internal grinding machine produced from MECCANICA NOVA.

This machine is used to grind the raceways of the external rings or the bore of the internal rings .

It is, also, possible to grind the lips of the external cylindrical rings.

RING DIAMETER	100	420	Mm
RING WIDTH (max)	15	200	Mm
DRESSING TOOL	N°1 Diamond rolls.		
LOADER	Manual		
WHEEL DIMENSION	 x 200 x 60	MM	Diameter x width (max) x bore
CONSTRUCTION YEAR	2011	...	

NOVAMATIC PGE 50-200

PGE 50-200 PC CNC



TECHNICAL SPECIFICATIONS

External grinding machine.

This machine is used to work the raceways and the lips of the internal rings .

RING DIAMETER	50	210	Mm
RING WIDTH (max)	15	85	Mm
DRESSING TOOL	N° 2 Diamond rolls		
LOADER	Automatic		
WHEEL DIMENSION	610x80 x 203.2	Mm	Diameter x width (max) x bore
CONSTRUCTION YEAR	2006		

TACHELLA

TACHELLA ELEKTRA EVO 1023 CNC



TECHNICAL SPECIFICATIONS

External grinding machine .

This machine is able to grind the raceways and the lips of the internal rings, or the external surfaces of the external rings. Two different wheels are installed , one for the raceway (outside diameter) and the other for the lips.

RING DIAMETER	50	450	Mm
RING WIDTH (max)	15	100	Mm
DRESSING TOOL	N° 1 Diamond rolls		
LOADER	Manual		
WHEEL DIMENSION	508x100 x 203.2 508X33X203.2	Mm	Diameter x width (max) x bore
CONSTRUCTION YEAR	2007		

TACHELLA PROFLEX 2 C1.60/50



TECHNICAL SPECIFICATIONS

External grinding machine .

This machine is able to grind the raceways and the lips of the internal rings, or the external surfaces of the external rings. Two different wheels are installed , one for the raceway (outside diameter) and the other for the lips.

RING DIAMETER	50	450	Mm
RING WIDTH (max)	15	130	Mm
DRESSING TOOL	N° 1 Diamond rolls		
LOADER	Manual		
WHEEL DIMENSION	610x130 x 203.2 508 x 50x203.2	Mm	Diameter x width (max) x bore
CONSTRUCTION YEAR	2009	...	

TACHELLA PROFLEX 2 C1.60/50



TECHNICAL SPECIFICATIONS

External grinding machine.

This machine is able to grind the raceways and the lips of the internal rings, or the external surfaces of the external rings. Two different wheels are installed , one for the raceway (outside diameter) and the other for the lips.

RING DIAMETER	50	450	Mm
RING WIDTH (max)	15	130	Mm
DRESSING TOOL	N° 1 Diamond rolls		
LOADER	Manual		
WHEEL DIMENSION	610x130 x 203.2 508x50x203.2	Mm	Diameter x width (max) x bore
CONSTRUCTION YEAR	2011		

TACHELLA CROSSFLEX A160



TECHNICAL SPECIFICATIONS

External grinding machine.

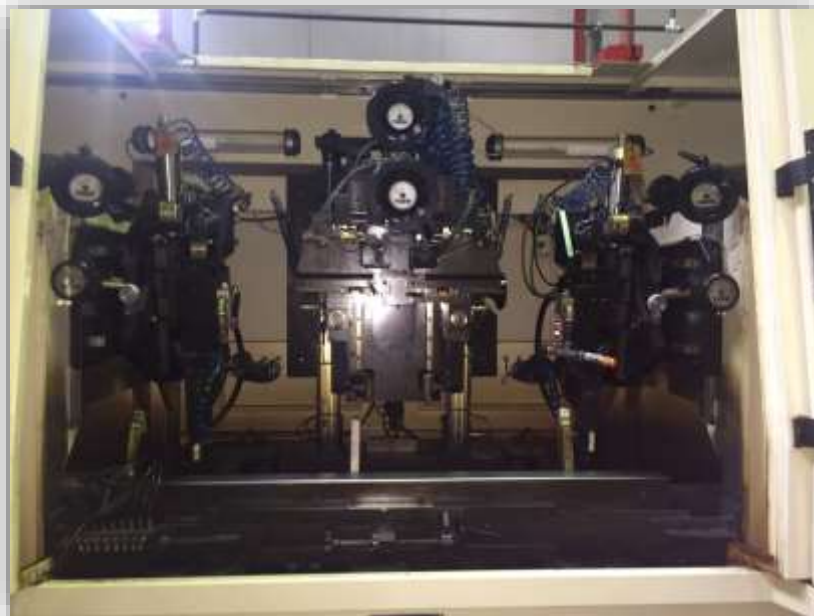
This machine is able to grind the external surface of all the external rings .

On this machine is installed one wheel.

RING DIAMETER	50	450	Mm
RING WIDTH (max)	15	200	Mm
DRESSING TOOL	N° 1 Diamond rolls		
LOADER	Manual		
WHEEL DIMENSION	610x170 x 203.2	Mm	Diameter x width (max) x bore
CONSTRUCTION YEAR	2011		

OERREPI

OERREPI MTH 350-O

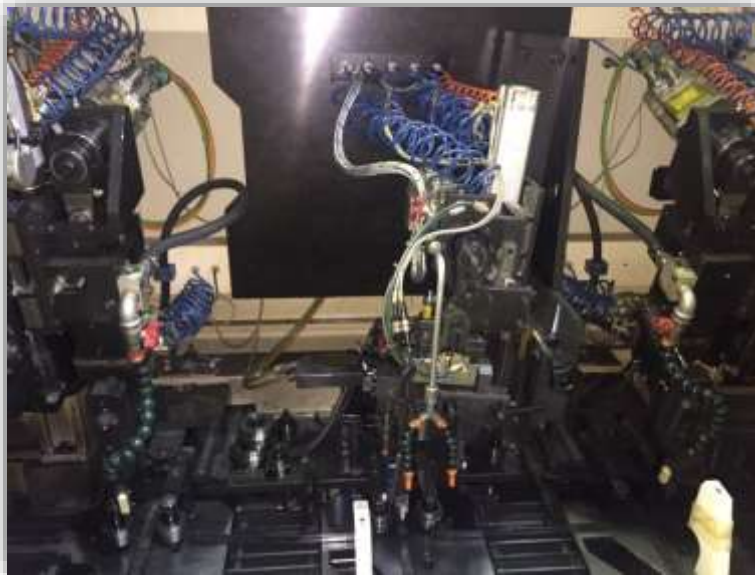


TECHNICAL SPECIFICATIONS

Superfinishing machine used to superfinish the raceway of external rings (CONICAL AND CYLINDRICAL, NOT SPHERICAL). This machine has two working stations and a central component that rotates the ring.

RING DIAMETER	50	420	Mm
RING WIDTH (max)	15	200	Mm
DRESSING TOOL	No		
LOADER	Automatic		
CONSTRUCTION YEAR	2010		

OERREPI MTH 350-I



TECHNICAL SPECIFICATIONS

Superfinishing machine used to superfinish the raceway , the lip and the bore's edge of internal rings (CONICAL AND CYLINDRICAL , NOT SPHERICAL).

RING DIAMETER	50	350	Mm
RING WIDTH (max)	15	200	Mm
DRESSING TOOL	No		
LOADER	Automatic		
CONSTRUCTION YEAR	2010		

SMAGR

SMAGR 101B



TECHNICAL SPECIFICATIONS

Superfinishing machine . For Internal ring 's raceway (CONICAL AND CYLINDRICAL , NOT SPHERICAL)

RING DIAMETER	50	420	Mm
RING WIDTH (max)	15	200	Mm
DRESSING TOOL	No		
LOADER	Manual		
Construction year	'80		

SMAGR 101C



TECHNICAL SPECIFICATIONS

Superfinishing machine . For external and internal ring 's raceway			
RING DIAMETER	50	420	Mm
RING WIDTH (max)	15	200	Mm
DRESSING TOOL	No		
LOADER	Manual		
CONSTRUCTION YEAR	'80		

DISKUS

DISKUS-DDS600P



TECHNICAL SPECIFICATIONS

The grinding machine in question was built to perform the grinding work simultaneous of the faces of rings with different sizes .

The processing system is the following :

Using a loader , the rings blanks are picked up from the load channel and introduced between the wheels. Passing into the wheels the rings will be worked in the right way.

The number of passes depends on the stock removal that has to be grinded.

RING DIAMETER	100	450	mm
RING WIDTH (max)	31	200	Mm
DRESSING TOOL	N°2 Multiple 1,5 Krt.		
LOADER	Semi Automatic		
CONSTRUCTION YEAR	'60		

HERMINGHAUSEN

Herminghausen 461170



TECHNICAL SPECIFICATIONS

Centerless grinding machine.

This machine is able to grind the external surface of all the external rings ..

The rings are worked passing through the 2 wheels installed.

The number of passes depends on the stock removal that has to be grinded.

RING DIAMETER	50	450	Mm
RING WIDTH (max)	15	200	Mm
DRESSING TOOL	N° 1 Multipoint diamonds		
LOADER	Manual		
WHEEL DIMENSION	600x500 x 302	MM	Diameter x width (max) x bore
CONSTRUCTION YEAR	'70		

FAG

ARR1C-G



TECHNICAL SPECIFICATIONS

Internal grinding machine produced from FAG.

This machine is used to grind the bore of the internal rings TAROL .

RING DIAMETER	90	210	Mm
RING WIDTH (max)	15	85	Mm
DRESSING TOOL	N°1 Single point 0.9 Krt.		
LOADER	Manual		
WHEEL DIMENSION	120 x 85 x 32	MM	Diameter x width (max) x bore
CONSTRUCTION YEAR	1997		

HM4K

HM4K



TECHNICAL SPECIFICATIONS

Superfinishing machine . For external and internal ring 's raceway (CONICAL AND CYLINDRICAL , NOT SPHERICAL).

RING DIAMETER	50	280	Mm
RING WIDTH (max)	15	160	Mm
DRESSING TOOL	No		
LOADER	SEMI AUTOMATIC		
CONSTRUCTION YEAR	1987		

Mikrosa SASL



TECHNICAL SPECIFICATIONS

Centerless grinding machine.

This machine is able to grind the external surface of all the external rings ..

The rings are worked passing through the 2 wheels installed.

The number of passes depends on the stock removal that has to be grinded.

RING DIAMETER	50	250	Mm
RING WIDTH (max)	15	200	Mm
DRESSING TOOL	N° 1 Multipoint diamonds		
LOADER	Manual		
WHEEL DIMENSION	510x500 x 302	MM	Diameter x width (max) x bore
CONSTRUCTION YEAR	'80		