

POSSIBLE ORIGINAL **SALE QUOTES**

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Headquarters
 2375 Harrisburg Pike
 Grove City, OH 43123
ISO 9001:2015
Certified

Purchase Order
K18-SPRINT328-2

Date 6/11/2018

Terms

To: **DMG MORI Cincinnati**
 9415 Meridian Way
 West Chester, OH 45069

Attn: Dean Spangler
 Phone: (513) 808-4842
 Fax: (513) 860-3065

F.O.B.
 Ship Via

*Please reference purchase order number with all shipments.

Bill To: Advance Apex, Inc.
 2375 Harrisburg Pike
 Grove City, OH 43123

Ship To: Advance CNC Machining
 2375 Harrisburg Pike
 Grove City, Ohio 43123

PLEASE ENTER OUR ORDER FOR THE FOLLOWING, SUBJECT TO ALL INSTRUCTIONS & CONDITIONS AS SHOWN BELOW:

Qty	Unit	Rev	Part Number - Description	Price Each	Total
1	ea		Sprint 32-8 Serial #8107000192B. Per quotation #51800925001 Terms: 20% Down Payment, 80% Net 60 Days upon Shipment	\$260,000.0 0	\$260,000.00

DATE THIS ORDER IS DUE IN HOUSE

6/19/18

PLEASE CONFIRM RECEIPT OF THIS ORDER.

Total: \$260,000.00

Jeremy Hamilton

Direct Phone: (614) 539-3000

Direct Fax: (614) 539-3001

Email: Jeremy@AdvanceCNC.com

Advance CNC Machining
2375 Harrisburg Pike
43123

09/06/2018

Quotation No. 51800925001

We refer to your recent discussion with us concerning your interest in our products.
Further to this discussion we now take pleasure in providing a quotation for the following machine:

Product Description : **SPRINT 32|8 Please refer to the following pages**
Serial Number : **8107000192B**
Terms & Conditions : **20% Down Payment, 80% Net 60 Days upon Shipment**
Delivery : **Stock Machine**
Valid to : **21/06/2018**
Notes :

- Contact DMG MORI representative when you use oil-soluble coolant.
- Prices and specifications are subject to change without notice.
- Delivery of this product is subject to the authorization of the government.
- Prices are based on the YEN to USD exchange rate. Fluctuation may require adjustment.
- Orders that are cancelled within one week of the date of the purchase order are subject to a cancellation fee equal to 10% of the Purchase order price.
- Orders cancelled more than one week after the date of the purchase order and more than 90 days before the planned shipment date from the factory are subject to a cancellation fee of 30 % of the purchase order price.
- Orders cancelled from 90 to 61 days before the planned shipment date from the factory are subject to a cancellation fee of 50% of the purchase order price.
- Orders cancelled from 60 to 31 days before the planned shipment date from the factory are subject to a cancellation fee of 75% of the purchase order price.
- Any order cancelled within 30 days of planned shipment date from the factory will be subject to a cancellation fee equal to 100% of the purchase order price.

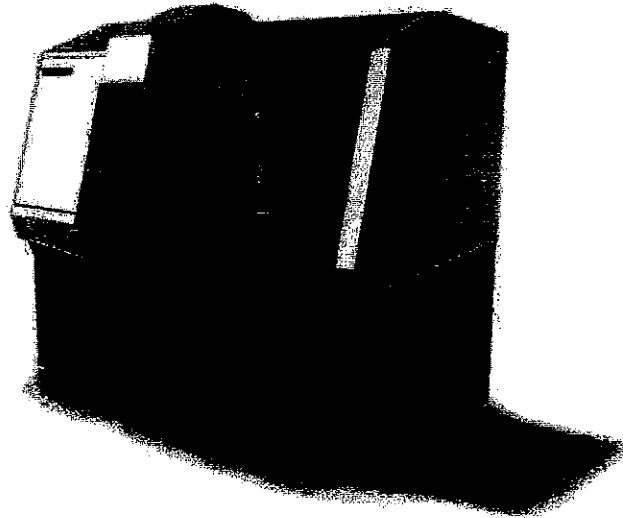
We trust this information meets with your requirements but should you have any queries regarding this quotation, or any other questions, then please contact us.

Yours Sincerely,

Dean Spangler
Area Sales Manager
DMG MORI Cincinnati

Quotation

SPRINT 32|8



Highlights

- CNC Fanuc 32i
- 6 linear axis
- 2 programmable channels
- 2 electrical spindles
- Standard "C" axis on the main spindle and counterspindle
- 28 tool positions
- 4 live tools for slide 1
- 4 live tools for slide 2
- Possibility of 4-axes machining on the main spindle
- Optional swiss kit available

Investment summary

I-A1031	Basic machine SPRINT 32 8	1	223,900.00 USD
I-A7056	Control Fanuc 32i SPRINT 32 5 and SPRINT 32 8	1	0.00 USD
	Options		
I-B1101	Counter spindle collet cleaning	1	1,930.00 USD
I-C1045	Changing kit from steady to sliding headstock	1	7,420.00 USD
I-F1151	Additional charge for belt type chip conveyor	1	6,780.00 USD
I-B1256	Kit for machining with soluble water coolant	1	2,750.00 USD
	Various options		
I-Z0246	Signal lamp 4 colours	1	1,130.00 USD
I-Z0230	Frequency 60 Hz	1	0.00 USD
I-Z0235	Machine adaption for UL/CSA Norms	1	0.00 USD
I-Z0261	Electric and software interface for mist collector	1	620.00 USD
I-Z0252	El. and Software Interface for Cooling syst. USA	1	2,460.00 USD
	Special constructions		
SK003	DMQP IEMCA Boss 33 Superfast 12 Feet	1	39,960.00 USD
SK004	DMQP IEMCA Installation	1	3,100.00 USD
Price machine and options			290,050.00 USD
D-NT401	DMG MORI Software Solutions DMG MORI Netservice - client	1	0.00 USD
Price Software Solutions			0.00 USD
	Special constructions services		
SK001	DMG MORI Installation Included	1	0.00 USD
SK002	DMG MORI Engineer Training Included (up to 5 days)	1	0.00 USD
Price services			0.00 USD
Price machine and options			290,050.00 USD
Discount machine and options			-30,050.00 USD
Price Software Solutions			0.00 USD
Price services			0.00 USD
Total price			260,000.00 USD

Quotation note

EOD Online Programming or Operation courses
 Education on Demand (EOD) Machine operation and programming courses are designed for specific DMG MORI CNC machine models. They allow operators, maintenance and other manufacturing associates to learn in

a self-paced virtual environment. Register for the complimentary courses offered with each machine purchase, or view other course offerings at LEARN.DMG MORI.COM.

Alternative options			
SK001AO	Freight to Customer Facility	1	3,200.00 USD

SPRINT 32|8

Series I10706 valid 18/09/2015 - 31/12/2099

Price status: 07/06/2018

* further description see attachment

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**GILDEMEISTER ITALIANA
SPRINT 32|8**

		<u>USD</u>	<u>USD</u>	
Basic machine				
I-A1031*	SPRINT 32 8 2 spindles automatic lathe with numerical control Fanuc 32i including: - 2 cross slides - Spindle and counter spindle - Y axis on slide 1 - Y axis on slide 2 - C axis on main spindle - C axis on counter spindle. - Chip tank with coolant system and coolant pump - Tape unloading workpiece - 6 turning tool holders 16X16mm on slide 1 - 4+4 frontal tool holders Ø25 mm for slide 1 - 4 driven tools on slide 1 for collet ESX 20 - 4 tool holders Ø25 mm for slide Y2 and 4 axial driven tools for collet ESX 20 - Toolholder with 2 fixed positions Ø 25 mm located beside the counterspindle, for machining on main spindle - Gear box for rotating tools located beside the counterspindle - Pneumatic ejector with work piece unloading check device - Pneumatic cleaning system for counter spindle collet - Collet application for main spindle - Collet application for counter spindle - Electrical and software interface for bar loader according DMG standard - Electrical and software interface for fire extinguisher system with terminal in electric cabinet (without power supply) according Gildemeister Italiana standard - Angular synchronism between main and counter spindle - Constant cutting speed - Rigid taping for spindles and driven tools - Elical Interpolation - Main and counter spindle indexing with 0,1° - Hours counter - Parts counter software	1	223,900.00	223,900.00
Control				
I-A7056*	Numeric control Fanuc 32i	1	0.00	0.00

SPRINT 32|8
 Series I10706 valid 18/09/2015 - 31/12/2099
 Price status: 07/06/2018

* further description see attachment

Options

I-B1101	Counter spindle collet cleaning with coolant	1	1,930.00	1,930.00
I-C1045	Changing kit from steady to sliding headstock including application bush type Dunner J9 and bush-spindle synchronism	1	7,420.00	7,420.00
I-F1151	Additional charge for belt type chip conveyor, compatible with shaft-unloading-device Specific chip removal systems (for example: scraping blades chip conveyors, with additional filtering systems) are recommended in case of short chip material machining (for example: brass, aluminium etc)	1	6,780.00	6,780.00
I-B1256	Kit for machining with soluble water coolant	1	2,750.00	2,750.00

Various options

I-Z0246	Signal lamp with 4 colours red: general error yellow: intervention required green: machine in automatic operation blue: machine in set-up operation	1	1,130.00	1,130.00
I-Z0230	Frequency 60 Hz	1	0.00	0.00
I-Z0235	Machine adaption for UL/CSA Norms	1	0.00	0.00
I-Z0261	Electrical and software interface for oil mist collector according to Gildemeister Italiana standard	1	620.00	620.00
I-Z0252	Electrical and software preparation for cooling system USA version	1	2,460.00	2,460.00

Special constructions

SK003	DMQP IEMCA Boss 33 Superfast 12 Feet	1	39,960.00	39,960.00
SK004	DMQP IEMCA Installation	1	3,100.00	3,100.00

Price machine and options**290,050.00****DMG MORI Software Solutions**

D-NT401*	DMG MORI Netservice - client Qualified support by Internet-based remote diagnostics Will be installed on an external PC!	1	0.00	0.00
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Price Software Solutions				<u>0.00</u>
Special constructions services				
SK001	DMG MORI Installation Included	1	0.00	0.00
SK002	DMG MORI Engineer Training Included (up to 5 days)	1	0.00	0.00
Price services				<u>0.00</u>
Price machine and options				290,050.00
Discount machine and options				-30,050.00
Price Software Solutions				0.00
Price services				0.00
Total price				<u>260,000.00</u> =====

Quotation note

EOD Online Programming or Operation courses
 Education on Demand (EOD) Machine operation and programming courses are designed for specific DMG MORI CNC machine models. They allow operators, maintenance and other manufacturing associates to learn in a self-paced virtual environment. Register for the complimentary courses offered with each machine purchase, or view other course offerings at LEARN.DMG MORI.COM.

Alternative options**Special constructions**

		<u>USD</u>	<u>USD</u>
SK001AO	Freight to Customer Facility	1	3,200.00

SPRINT 32i8

Series I10706 valid 18/09/2015 - 31/12/2099

Price status: 07/06/2018

* further description see attachment

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Attachment**Technical Description**

I-A1031

GILDEMEISTER SPRINT 32|8 FANUC**Automatic turning lathe with two spindle and CNC FANUC 32i**TECHNICAL DATAMAIN SPINDLE

Max. machining diameter	32	mm
Stroke Z1	100	mm
	(240 with option I-C1045)	
Max spindle speed	8,500	rev/min
Nominal power S1	5,5	kW

COUNTER SPINDLE

Max. machining diameter	32	mm
Stroke Z2	200	mm
Max spindle speed	8.500	rev/min
Nominal power S1	2,2	kW

CNC CONTROLLED AXES

Rapid traverse X1, Z1, X2, Z2/Y1, Y2	40/30	m/min
Max axis acceleration	5	m/s ²
Feeding force (S1) axes Z1, Z2, X1, X2, Y2	220	daN
Feeding force (S1) axis Y1	440	daN

SLIDE 1

Stroke X 1	70	mm
Stroke Y 1	405	mm
6 position 16X16 tool holder		
4 fixed tool holders Ø 25 mm for machining on main spindle and counter spindle		
4 driven tools with junction ESX20		

SLIDE 2

Stroke X 2	300	mm
Stroke Z 2	200	mm
Stroke Y 2	135	mm

4 tool holders Ø25 mm and 4 driven tools for collet ESX 20

Toolholder with 2 fixed positions Ø 25 mm located beside the counterspindle, for machining on main spindle

COOLANT AND LUBRICATION EQUIPMENT

Coolant	Mineral based Oil, max 15cSt at 40°C	
Max coolant viscosity	75	cSt
Optional Coolant (I-B1256)	Emulsion	
Coolant tank capacity	175	l
Max. Coolant pump capacity*	80	l/min
Max. Coolant pump pressure*	0.7	bar

* for 50Hz and coolant 15 cSt conditions

NOISE LEVEL

Noise level according to ISO 230-5, ISO 3746, ISO 11202 < 75 dBA

SPRINT 32|8

Series I10706 valid 18/09/2015 - 31/12/2099

Price status: 07/06/2018

PNEUMATIC INSTALLATION

Air consumption basic machine	175	NL/min
Air consumption basic machine with kit for emulsion and Swiss type Kit	360	NL/min

ELECTRICAL EQUIPMENT

Electrical cabinet according to EN 60204-1		
Power supply	16	kVA
Section of power supply cable	5xAWG6 / 5x16	AWG / mm ²
Operating voltage	200 (+/-10%)	V
Frequency	50 (+/-1%)	Hz
Main fuse	50	A
Control voltage	24	V/DC
Nominal current	46	A
Machine lighting protection level	IP 67	
Electrical cabinet protection level	IP 54	

ENVIRONMENT CONDITIONS:

Admissible ambient temperature	+15/+35	°C
Maximum relative air humidity	max. 75	%
Maximum installation height above NSL	max. 1000 m	

SAFETY EQUIPMENT ACCORDING TO :
2006/42/EC; 2006/95/EC; 2004/108/EC**CNC control FANUC 32i (color Monitor 10,4")****OPERATING REMARK:**

Bar's dimensional tolerance: max h11

It is necessary to use bars with straightness < 0.5mm/m according to the methods indicated in the norm EN 10278:2002

Bar's dimensional tolerance in case of utilization of rotating bushes (Swiss type Kit): max h9

PAINTING:

Upper area	Calcite white similar to RAL 9010
Lower area	Titanium grey similar to RAL 7016
Sliding door	Graphite black similar to RAL 9011
Electrical cabinet:	Titanium grey similar to RAL 7016

DIMENSIONS AND WEIGHT

Footprint	2.295x1.210	mm
Approx. machine weight	3.350	kg

In case of order, Gildemeister Italiana S.p.A. has to confirm dimensions and weights according to the machine configuration.**DOCUMENTATION:**

Operating manual
 Programming manual
 Wiring diagrams
 Mechanical documentation
 1 Paper copy + 1 CD with .pdf files

IMPORTANT ADVICE:

The machine must only be connected to TN-S type power supply.
 For any other kind of power supply, a transformer with grounded secondary output star centre is required.
 The neutral pole connection depends on the electrical configuration of the machine.
 It is required to obey the cable section (power, neutral, ground) as shown on the wiring diagram.
 If a differential switch is needed, this has to be a selective B or C type with variable current setting (min. value 300 mA) and with variable triggering time.
 It is highly recommended to connect only one machine to each differential switch.

To reach the highest production standard, especially when machining with oil, Gildemeister Italiana S.p.A. suggests the use of an additional chilling unit to control the coolant temperature.

Please notice that due to unforeseen events, wrong machine-programming, situations not monitored during the production process (such as "tool break) or due to critical materials (as titanium alloy or alloys with high level of magnesium) and coolant fluids (cutting oil and emulsions with an oil percentage higher than 15%), a dangerous situation for the operator can occur in the near area of the machine (fire or explosion).
 In order to prevent such danger Gildemeister Italiana S.p.A. requires the installation of protection system (fire extinguishing or anti-explosion systems) on its turning machines.

Gildemeister Italiana S.p.A. is not responsible for the damages occurred to the parts of the machine and/or to the tools in case of black out during the phases of tooling or automatic machining as well.
 Furthermore Gildemeister Italiana S.p.A. is available to offer adequate protection systems upon specific request of the customer.

I-A7056
CNC Control FANUC 32i

Double security circuit for axes	available
Measuring system	metric
Input system	metric or inch
Data input	incremental/absolute
Input precision	0,001 mm (0,0001 inch)
Interpolation and interpolation range	linear + 99999,999 mm circular + 99999,999 mm
Feed input	direct in mm/rev or mm/min
Feed override	0 - 120 %
Feed range	0,001 mm/rev up to rapid traverse
Servo hand wheel	for fine adjustment of slides, ranges selectable at hand wheel: 0,1 mm, 0,01 mm e 0,001 mm
Threading	0,001 up to 500,000 mm/g, longitudinal transversal, conica single or multiple-threads with constant or variable pitch;
Rapid traverse reduction	by parameter input and operator keyboard

Spindle speed	input in rev/min
Spindle speed override	from 50 to 150% spindle override validity by graphic page and level definition by keyboard
Spindle speed limitation	programmable
Spindle stopping	via M5 function, C axis or M19 function (orientation)
Coordinate system	Cartesian, polar or cylindrical coordinates
Constant cutting speed	input in m/min (sfm.)
Tool file	32 record table for slide 1 and slide2
Cutting radius compensation	programmable via G40, G41 e G42
Tool life monitoring	by sister tools function
Real time clock	time is retained also after switching off (battery)
Machining time	stopping of elapsed machining time between program start and program end
Limit switch	software limit switch per axis direction
Spindle pitch compensation	available
Zero point shifting	6 firmly callable via G54 to G59 and further ones additively, programmable
NC working memory	0.5 MB / up to 1.000 programs
Surface machining	with C axis
Front surface machining	with C axis in Cartesian programming
Programs management	program names max. 32 characters 1.000 programs in CNC memory
Subprograms	up to 4 levels of nesting
Subprogram repetition	available
Program format	program input relying on DIN 66025 with variable block length
Program input/output	USB port, keyboard or memory card PCMCIA
USB port	on the monitor
Ethernet interface	embedded Ethernet 10Mbit/s standard
Cycles	cutting cycles for longitudinal/cross turning (rising contours) recesses, relief cuts, threads and drilling cycles. Synchronous cycle between spindles and live tools

	(polig./gear hob.)
Parameters	machine setting and work parameters can be edited at the control Reading in and out from external devices via USB or Ethernet port.
Slide synchronization	The slides can be synchronized among each other, also in the sub-programs.
Variable programming	up to 600 variables for programming of part families, trigonometric-arithmetic calculation functions, Boolean relations. System variables with CN data
Chamfers and radii	programming of chamfers and radii at contour transitions
Direct programming of drawing dimensions	available
Step function	absolute and conditional jump (if, goto...)
Diagnostic (automatic)	permanent state monitoring by the integrated diagnostic system, display of actual error states. Status display PLC (ladder diagram) with logic analyser, function for axes and spindles.
Monitor	color 10.4" TFT
Monitor layout	Display of actual values of all axes (position, speed) in the operation modes manual control and automatic. Display of block number, feed, tool number and tool correction of the actually selected slide.
Possible languages	German English French Italian Spanish Portuguese Dutch Swedish Hungarian Polish Czech Traditional Chinese Simplified Chinese Korean Japanese Russian Turkish Bulgarian Romanian

D-NT401

The DMG MORI Netservice establishes a secure VPN connection to the DMG MORI Service installed on an external Computer.

By the help of the online connection:

- an immediate and comprehensive problem analysis,
- direct troubleshooting on machine control or
- software adaption can be managed.

System requirements of your computer system:

Operating system: Windows 7
Memory: At least 1GB Ram
Hard disc space: At least 20MB

Furthermore the Java Runtime Environment has to be available.

Note:

To guarantee a smooth installation, the checklist of the DMG MORI Netservice has to be completed before setting-up the machine.

After warranty, a monthly fee in the amount of 25 EUR (net) per machine will be incurred. The calculation is performed automatically after successful connection, unless terminated earlier.

The delivery and terms of use of the DMG MORI Netservice is based on the scope of supply and services for the DMG MORI Netservice.

This information and the checklist for the installation of the DMG MORI Netservice will be sent with the order confirmation of our machine or even go to

www.dmgmori.com/produkte/software/dmg-mori-netservice#Downloads

On request we are glad to provide you with this information, please feel free to ask for it.

**DMG MORI USA, INC.
GENERAL TERMS & CONDITIONS**

These terms and conditions of sale ("Terms") are the only terms which govern the sale of goods and/or services ("Goods") by DMG MORI USA, INC., or its affiliates (collectively "DMG MORI") to Buyer and DMG MORI will only sell the Goods subject to these Terms. All quotations, proposals, all Buyer's purchase orders, all service, and all confirmations or acknowledgments of Buyer's purchase orders by DMG MORI are subject to these Terms. These Terms prevail over any of Buyer's general terms and conditions of purchase regardless whether or when Buyer has submitted its purchase order or such terms. Buyer's written acknowledgment or payment of a deposit for the Goods shall be construed as Buyer's acceptance of these Terms. No additional or other terms with be binding on the DMG MORI unless accepted in a writing signed by a duly authorized representative of DMG MORI. Notwithstanding anything herein to the contrary, if a written contract signed by both parties is in existence covering the sale of the Goods covered hereby, the terms and conditions of said contract shall prevail to the extent they are inconsistent with these Terms. The "Buyer" herein refers to the customer of DMG MORI as listed on the purchase or sales order regardless of form ("Order").

PRICES. Unless otherwise noted, all prices quoted are subject to change without notice. Prices do not include sales, use, excise, VAT, GST, property or similar taxes arising out of or relating to the sale or use of the Goods. Buyer shall indemnify, defend and hold DMG MORI harmless from and against the imposition and payment of such taxes, whether or not they are stated in any invoice for the Goods. DMG MORI, at its option, may at any time separately bill Buyer and Buyer shall pay for any taxes not included in DMG MORI's invoice.

PAYMENT TERMS. Buyer shall pay to DMG MORI within fifteen (15) days such amounts being due and payable according to the payment schedule stated herein. Unless otherwise mutually agreed to by the parties in writing, the payment schedule is as follows: 30% of total Order price amount due and payable upon placement of the Order, 60% due and payable on Shipment and 10% due and payable on the earlier of (i) installation and (ii) 60 days after Shipment. Shipment shall mean when Seller delivers the Goods to a carrier for shipment to Buyer. If acceptance of the Goods by Buyer (which shall not be unreasonably withheld) after shipment by DMG MORI is delayed more than thirty (30) days from the date of delivery of the Goods because of conditions other than the Goods or services provided by DMG MORI, including but not limited to delay in the provision of goods or services by Buyer or other suppliers, Buyer will pay to DMG MORI as interest 0.4% of the amount due and payable per week until acceptance by Buyer. Receipt and subsequent bank deposit of a down payment shall not be construed as acceptance of the purchase order until said order is accepted in writing by DMG MORI. In the event of legal action to enforce these Terms, Buyer shall reimburse DMG MORI for its reasonable costs and attorney's fees. DMG MORI reserves the right to cancel and to refuse to complete Buyer's purchases if, in DMG MORI's opinion, Buyer has not established credit to promptly meet the payment terms of the order. Acceptance and payment by Buyer with respect to the Goods shipped by DMG MORI shall not be delayed because of any delay in shipment by DMG MORI of accessory or ancillary equipment not essential to the operation of the Goods already shipped; in such event, the payment terms set forth in this paragraph shall be applicable to the Goods shipped as of the date of Shipment and to subsequent Shipments of Goods as they occur.

DMQP, PARTS, AND SERVICE PAYMENT TERMS, CANCELLATIONS AND RETURNS. Excluding items or service included in machine Orders, Buyer shall pay all other DMG MORI invoices (30) days from invoice date. Late payment shall bear interest in the amount of 0.4% of the amount due per week. DMG MORI reserves the right to cancel and to refuse to complete Buyer's purchases if, in DMG MORI's opinion, Buyer has not established credit or promptly meet the payment terms. Requests for cancellations must be made within 24 hours of the order. Requests for returns must be made within 30 days of Shipment. All returned parts must be authorized in advance, must be in original condition and the return packaging must contain the return authorization number and pass DMG MORI inspection.

DELIVERY. DMG MORI will exert its best efforts to cause the Goods to be shipped in accordance with its quotations and these Terms. However, all dates stated by DMG MORI are approximate dates only, and are estimated in good faith to the best of DMG MORI's ability, commensurate with foreseeable scheduling and subject to availability of product and transit. DMG MORI shall not be liable for any loss or damage whatsoever, including loss of income and/or profits, incidental, special or consequential damages resulting from DMG MORI's delayed shipment of the Goods for any reason whatsoever. Any claims for shortages or claims that the Goods shipped is other than that which was ordered or claims for damages prior to delivery to Buyer or Buyer's agent must be made in writing to DMG MORI within fifteen (15) days after the arrival of the Goods at Buyer's plant or place of business.

SHIPPING TERMS. Unless otherwise mutually agreed by the parties, delivery shall be made CIP Customer Location, Incoterms 2010. Customer Location is the address indicated as such in the Order.

FOUNDATION SPECIFICATION. Buyer is responsible for preparing its facility for machine installation based on the machine's foundation specifications.

ACCEPTANCE CRITERIA. Unless otherwise agreed by the parties in a signed writing by authorized representatives of each party, the applicable DMG MORI Installation Protocol shall form the sole basis of acceptance requirements for any machine purchased by Buyer. Notwithstanding anything to the contrary herein, a machine shall be deemed accepted on the earlier of sixty (60) days after Shipment or such date that the machine is first used by Buyer for commercial production. Upon

completion of agreed acceptance criteria, installation or deemed acceptance, whichever is applicable, Buyer agrees to complete all necessary paperwork to acknowledge acceptance of the machine. Buyer's failure to complete such paperwork shall have no effect on the acceptance of the machine.

TITLE AND RISK OF LOSS. Title and risk of loss shall pass from DMG MORI to Buyer at Shipment and from thereon, the carrier shall be deemed to be acting for and on behalf of Buyer. The terms of payment of the Goods will not be affected by damage to or destruction of the Goods while in transit. Until such time that title to the Goods is transferred to Buyer, DMG MORI hereby grants Buyer a security interest in the Goods proportionate to any payment made related to the Goods. At such time that Goods are delivered to Buyer, Buyer hereby grants a purchase money security interest in the Goods to DMG MORI, proportionate to any remaining balance owed. Each Party shall execute any such statements or other documentation necessary to perfect the other Party's security interest in such Goods.

CANCELLATIONS. Orders with Goods that have already been shipped from the factory cannot be cancelled by Buyer and Buyer shall be liable for the full Order price. "Special Orders", which are orders for items customized for the Buyer cannot be cancelled. Orders other than Special Orders that have not been shipped may be canceled in writing by Buyer to DMG MORI but shall be subject to a cancellation charge as set forth below. Buyer and DMG MORI acknowledge and agree that the DMG MORI's harm caused by Buyers cancellation would be impossible or very difficult to accurately estimate at the date of the Order, and that the cancellation charges set forth below are reasonable estimates of the damages which DMG MORI will incur as a result of the cancellation. Orders that are cancelled within one week of the date of the Order are subject to a cancellation fee equal to 10% of the total Order price. Orders cancelled more than one week after the date of the Order and more than 90 days before the planned shipment date are subject to a cancellation fee of 20% of the Order price. Orders cancelled from 90 to 61 days before the planned shipment date are subject to a cancellation fee of 30% of the Order price. Orders cancelled from 60 to 31 days before the planned shipment date are subject to a cancellation fee of 40% of the Order price. Orders cancelled 30 days or less before the planned shipment date are subject to a cancellation fee of up to 50% of the Order price.

DMG MORI REMEDIES FOR NON-PAYMENT. DMG MORI reserves all rights including rights of replevin and damages for goods remaining unpaid, in whole or in part, more than sixty (60) days after payment is due.

BUYER REMEDIES. DMG MORI may, at its sole discretion, resolve any Buyer claim relating to the Goods by repossessing such goods and reimbursing Buyer the purchase price for the Goods less depreciation arising from Buyer's use of the Goods.

LIMITATION OF WARRANTY. EXCEPT AS SET FORTH IN THE DMG MORI LIMITED WARRANTY (A COPY OF WHICH IS ATTACHED TO THE SALES ORDER OR MAY BE REVIEWED ON THE DMG MORI USA WEBSITE), DMG MORI MAKES NO OTHER REPRESENTATIONS OR WARRANTIES WHATSOEVER WITH RESPECT TO THE GOODS, INCLUDING BUT NOT LIMITED TO (a) ANY WARRANTY OF MERCHANTABILITY; OR (b) ANY WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE; WHETHER DIRECT OR INDIRECT, EXPRESS OR IMPLIED BY LAW, COURSE OF DEALING, COURSE OF PERFORMANCE OR USAGE OF TRADE. DMG MORI MAKES NO WARRANTY AS TO THE QUALITY, FINISH, ACCURACY OR TOLERANCE, COMPLIANCE WITH ELECTRICAL, HYDRAULIC, PNEUMATIC OR OTHER SAFETY CODES REQUIRED BY ANY GOVERNMENTAL OR QUASI-GOVERNMENTAL BODY, OR AS TO THE EFFICIENCY, PRODUCTIVITY OR PERFORMANCE OF ANY GOOD.

LIMITATION OF LIABILITY. BUYER EXPRESSLY AGREES THAT IN NO EVENT SHALL DMG MORI BE LIABLE UNDER ANY THEORY OF RECOVERY, WHETHER BASED IN CONTRACT, IN TORT (INCLUDING NEGLIGENCE AND STRICT LIABILITY), UNDER WARRANTY, OR OTHERWISE, FOR ANY INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL LOSS OR DAMAGE WHATSOEVER, ANY LOSS OF PROFITS, LOSS OF GOODWILL, LOSS OF OPPORTUNITY, LOSS OF BUSINESS, LOSS OF REPUTATION AS A RESULT OF ANY CLAIM BROUGHT BY BUYER OR A THIRD PARTY ARISING OUT OF OR RELATING TO: (i) ANY BREACH BY DMG MORI OF THESE TERMS; (ii) ANY REPRESENTATION, STATEMENT OR TORTIOUS ACT OR OMISSION (INCLUDING NEGLIGENCE) OF DMG MORI; AND (iii) ANY USE OF THE GOODS OR THE FAILURE OF THE GOODS TO OPERATE PROPERLY; EVEN IF SUCH LOSSES WAS IN CONTEMPLATION OF THE PARTIES OR WAS WHOLLY FORESEEABLE.

BUYER SHALL INDEMNIFY, DEFEND AND HOLD DMG MORI HARMLESS FROM AND AGAINST ALL CLAIMS, ACTIONS, DAMAGES, LIABILITIES, COSTS AND EXPENSES (INCLUDING BUT NOT LIMITED TO ATTORNEY'S FEES) INVOLVING A THIRD PARTY CLAIM ARISING OUT OF BUYER'S USE OF THE GOODS EXCEPT TO THE EXTENT CAUSED BY DMG MORI'S NEGLIGENCE OR WRONGFUL ACTS.

BUYER EXPRESSLY AGREES THAT IN NO EVENT SHALL THE AGGREGATE LIABILITY OF DMG MORI UNDER ANY THEORY OF RECOVERY EXCEED THE PURCHASE PRICE OF THE GOODS FROM WHICH LIABILITY AROSE. THE FOREGOING LIMITATIONS SHALL APPLY EVEN IF THE BUYER'S REMEDIES UNDER THESE TERMS FAIL OF THEIR ESSENTIAL PURPOSE.

WITHOUT LIMITING THE GENERALITY OF THE FOREGOING, BUYER ASSUMES ALL RISK AND LIABILITY FOR THE RESULTS OBTAINED BY THE USE OF ANY GOODS IN THE PRACTICE OF ANY PROCESS, WHETHER IN TERMS OF OPERATING COSTS, GENERAL EFFECTIVENESS, SUCCESS OR FAILURE, AND REGARDLESS OF ANY ORAL OR WRITTEN STATEMENTS MADE BY SELLER, BY WAY OF TECHNICAL ADVICE OR OTHERWISE, RELATED TO THE USE OF THE GOODS.

CONFIDENTIALITY. All drawings, designs, specifications, manuals, programs and prices furnished to Buyer by DMG MORI shall remain the confidential and proprietary property of DMG MORI. All such information, except as may be found in the public domain, shall be held in strict confidence by Buyer and shall not be disclosed by Buyer to any third parties. Copyright in all material made available by DMG MORI shall remain in DMG MORI at all times.

SAFETY PRECAUTIONS. Buyer shall require employees to use all safety devices, guards and proper safe operating procedures as set forth in manuals and instruction sheets furnished by DMG MORI. Buyer shall not remove or modify any such device, guard or sign. It is Buyer's responsibility to provide all the means that may be necessary to effectively protect all employees from serious bodily injury which otherwise may result from the method of particular use, operation, set-up or service of the Goods. If Buyer fails to comply with provisions of this paragraph or the applicable standards or regulations aforementioned, Buyer shall indemnify, defend and hold DMG MORI harmless from and against any and all claims, losses or damages arising from such failure. It is the responsibility of Buyer to comply with all local laws, regulations and codes.

INFRINGEMENT. Buyer shall indemnify, defend and hold DMG MORI harmless from any infringement of any patent, trademark or copyright arising from Buyer's use of the Goods, including but not limited to the reimbursement of costs and expenses, including attorney's fees, incurred by DMG MORI with respect to a claim of infringement.

TIME STUDY & DESCRIPTIONS OF GOODS. All time study figures provided by DMG MORI are estimates only and are based on DMG MORI's understanding of the accuracy and finish required, machinability of the material, amount of material to be removed and Buyer's operating conditions. DMG MORI makes no warranty based upon or relating to time study figures. All weights and measurements given are estimates, stated as correctly as possible and any minor deviations shall not constitute non-conformity of the goods. Brochures, photographs and other illustrations representing the Goods are for illustration only and are not binding in detail. Brochures and product designs and specifications are subject to change without notice.

EXPORT CONTROL. The parties acknowledge that information subject to U.S. export control laws and regulations may be disclosed pursuant to this Agreement. Each party shall comply with all applicable export and import laws and regulations, including but not limited to, the International Traffic in Arms Regulations, as amended (22 C.F.R. Parts 120 - 130) ("ITAR") and the Export Administration Regulations, as amended (15 C.F.R. Parts 730 - 774). The parties shall not export, disclose, transfer, furnish or otherwise provide any article, technical data, technology, defense service, or technical assistance of the other party to any foreign country or foreign person as defined by ITAR, including those working for a party, whether in the United States or abroad, without obtaining in advance proper United States government export authorization.

EXPORTATION. Buyer shall comply with applicable laws and regulations governing the exportation or re-exportation of the Goods. The Goods may be subject to export restrictions imposed by the United States, Japan, Germany and other countries and Buyer will not export or permit the export of the Goods anywhere without proper government authorization. Buyer further agrees that when requested by DMG MORI, it shall provide all necessary information, including but not limited to the end-user and end use of the Goods, to facilitate compliance with applicable export control laws. To prevent the illegal diversion of a machine to individuals or nations that threaten international security, it may include a "Relocation Machine Security Function" that automatically disables the machine if moved following installation. If a machine is so-disabled, it can only be re-enabled by contacting DMG MORI. DMG MORI may refuse to re-enable the machine if it determines that doing so would be an unauthorized export of technology or otherwise violates applicable export restrictions. DMG MORI shall have no obligation to re-enable such machines and shall have no liability (including for lost profits or business interruption or under the limited service warranty) as a result thereof.

ASSIGNMENT. Buyer may not assign any of its rights or delegate any of its obligations under these Terms without the prior written consent of DMG MORI. Any purported assignment of rights or delegation in violation of this paragraph is null and void. No assignment or delegation relieves the Buyer of any of its obligations under these Terms.

FORCE MAJEURE. DMG MORI shall not be responsible for nonperformance or late performance of any part of the Order due to orders, regulations, and/or ordinances by government, act of God, war, blockade, insurrection, mobilization or due to any other causes or circumstances beyond DMG MORI's control. If an event of force majeure occurs, DMG MORI at its option may either extend the time of performing affected obligations during the period the event of force majeure continues, or cancel the order.

GOVERNING LAW & ARBITRATION. These Terms shall be construed in accordance with the laws of the State of Illinois. The provisions of these Terms are divisible and the invalidity or unenforceability of any provision or provisions contained herein shall not in any way affect the validity of these Terms without the invalid or unenforceable provision or provisions. All disputes that may arise in connection with these Terms shall, unless settled by the parties, be submitted to arbitration in

Chicago, Illinois in accordance with the Commercial Arbitration Rules of the American Arbitration Association. Any action to by Buyer relating to the Goods shall be commenced no later than one year from the date of alleged breach.

MERGER CLAUSE. The entire agreement is embodied in this writing. There are no understandings, agreements, representations, or warranties, either oral or written, relative to products or services, including statements made in or conduct implied from past dealings that are not fully expressed herein. No statement subsequent to the acceptance by DMG MORI of the purchase order purporting to modify the said terms and conditions shall be binding unless consented to in writing by a duly authorized representative of DMG MORI in a document making specific reference to this transaction.

DMG MORI USA, INC.
General Terms and Conditions
REV. 01/15/2018

DMG MORI LIMITED WARRANTY

GENERAL TERMS

Machines, Products, Parts and Replacement Parts ("Equipment") sold by DMG MORI or DMG MORI authorized distributors are warranted by the applicable DMG MORI North American office ("DMG MORI NA") to be free from defects in material and workmanship in accordance with the following terms and limitations ("Warranty"). This Warranty only applies to Equipment delivered in North America. Warranty term for Machines commences on the earliest of (i) date of installation (ii) date of execution of the Certificate of Inspection and Acceptance or (iii) 60 days after delivery. Warranty terms for all other Equipment commence on the date of shipment. The purchaser will be responsible for any service that is not covered by this Warranty ("Standalone Service"). Warranty term for Standalone Service commences on the date of service.

DMG MORI NA's obligation under this Warranty shall be to repair or replace, at its option, the defective Equipment. If DMG MORI NA is unable to repair or replace the Equipment within 6 months from date DMG MORI NA is notified of the defect, DMG MORI NA may satisfy its obligation under this Warranty by repossessing the Equipment and refunding the purchase price of the Equipment. Requests for Warranty service must be made within the applicable Warranty term, at the first instance, to DMG MORI NA or the DMG MORI authorized distributor that sold the Equipment. Equipment must be made available for inspection by DMG MORI NA within a reasonable time. This Warranty is not transferable without the written consent of DMG MORI NA.

Any legal action in connection with this Warranty must be commenced no later than one (1) year after the expiration of the applicable Warranty term or one (1) year after DMG MORI NA or its affiliates cease efforts to repair the Equipment, whichever comes later.

OBTAINING WARRANTY SERVICE

To secure warranty service:

- Exterior Damage from Shipping or Handling, (1) Report to carrier at time of delivery; and (2) Report to DMG MORI NA within one (1) week of carrier claim date and include photos of damage. In addition, for Parts and Replacement Parts ("Spare Parts"), packing list must be attached along with completed warranty claim form when returning to DMG MORI.
- Spare Parts, (1) Order replacement for the defective Spare Part; and (2) Return defective Spare Part to DMG MORI NA within two (2) weeks of Replacement Part shipment. If DMG MORI NA inspection shows the part to be defective, a credit will be issued against the purchase order for the Replacement Part.

EXCLUSIONS

This Warranty does not cover the following:

- Depreciation or damage caused by: (1) Any service (including installation) not performed by DMG MORI or a party authorized by DMG MORI; (2) Lack of or improper care or maintenance; (3) Abuse or misuse; (4) Accident; (5) Use of unauthorized parts or peripherals; (6) Modification or alteration not approved by DMG MORI; (7) Normal wear; (8) Negligence of shipper or rigger; (9) Disablement arising from unauthorized movement of Equipment after installation; (10) Any other cause beyond the control of DMG MORI; or (11) For Spare Parts stored in purchaser facility, improper or unsecured storage.
- Paint, batteries, fuses, filters, lubrication metering units, fluids, lights or any other replaceable item.

EXCEPT AS SET FORTH HEREIN, DMG MORI MAKES NO REPRESENTATIONS OR WARRANTIES WHATSOEVER WITH RESPECT TO THE EQUIPMENT, INCLUDING BUT NOT LIMITED TO (a) ANY WARRANTY OF MERCHANTABILITY; OR (b) ANY WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE; WHETHER DIRECT OR INDIRECT, EXPRESS OR IMPLIED BY LAW, COURSE OF DEALING, COURSE OF PERFORMANCE OR USAGE OF TRADE. DMG MORI MAKES NO WARRANTY AS TO THE QUALITY, FINISH, ACCURACY OR TOLERANCE, COMPLIANCE WITH ELECTRICAL, HYDRAULIC, PNEUMATIC OR OTHER SAFETY CODES REQUIRED BY ANY GOVERNMENTAL OR QUASI-GOVERNMENTAL BODY, OR AS TO THE EFFICIENCY, PRODUCTIVITY OR PERFORMANCE OF ANY EQUIPMENT. IN NO EVENT SHALL AGGREGATE LIABILITY OF DMG MORI UNDER ANY THEORY OF RECOVERY EXCEED THE PURCHASE PRICE OF THE EQUIPMENT.

THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES. ALL OTHER WARRANTIES, WHETHER EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE EXCLUDED. IN NO EVENT SHALL DMG MORI BE LIABLE FOR ANY INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL LOSS OR DAMAGE WHATSOEVER, ANY LOSS OF PROFITS, LOSS OF GOODWILL, LOSS OF OPPORTUNITY, LOSS OF BUSINESS OR LOSS OF REPUTATION ARISING OUT OF OR RELATING TO THE PURCHASE OF EQUIPMENT OR USE OR INABILITY TO USE THE EQUIPMENT, TO THE EXTENT THAT THIS LIMITATION IS PERMITTED BY APPLICABLE LAW.

Machines	24 Months
Partner Products (Non-DMG MORI manufactured peripherals provided through approved partners)	24 Months
Products (all other products)	As provided by Original Equipment Manufacturer
Replacement Parts	6 Months
New Spindle	12 Months
Exchange Spindle	6 Months
Rebuilt Spindle (new spindle shaft)	12 Months
Rebuilt Spindle (existing spindle shaft)	6 Months
High Speed Spindle Replacement	6 Months
Standalone Service	30 Days

DMG MORI Limited Warranty (North America)

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**BUCCI
 INDUSTRIES**

N. WHITWORTH

At Bucci-Industries.com

Date: 06/07/2018

BDM: Allen Knisley

Quote: 20180607_AK_Boss338_12_DMG Mori



Sliding headstock

Boss 338 Superfast 12 feet

Simple, Stiff, and Superfast

The Boss line, which accounts for more than 30,000 working units over the world, has been further improved to redefine the market standard once again. The Boss 338 HD Superfast guarantees the maximum reliability without any compromises; the continuous improvement made to this product, the attention to detail, and more than 20 years of history have allowed the Boss line to set the market standard of quality in every working application.

Technical Specs

ROUND BARS

3 - 38 mm
 (1/8" - 1" 1/2)

BAR LENGTH

1,000 - 3,740 mm
 (3'3" - 12'3")

BAR CHANGEOVER TIME

20 sec
 (for bar length of 3,200 mm)

BAR FEEDER WEIGHT

900 kg
 (2,000 lbs)

MP MAGAZINE AVAILABLE

Single Rack 280 mm (11.02")
 (Magazine Extension 180 mm (7.09")
 available)

HEXAGONAL BARS

3 - 32 mm
 (1/8" - 1" 1/4)

REMNANT LENGTH

70 - 400 mm (2.76" - 15.75")
 (700 mm (27.56") option available)

FEED RATE

1,000 mm/sec
 (2,360 in/min)
 (adjustable)

COMPRESSED AIR

8 bar
 (116 psi)

F MAGAZINE AVAILABLE

Bundle 2 tons (4,000 lbs)

SQUARE BARS

3 - 26 mm
 (1/8" - 1")

BAR WEIGHT

Max 30 kg
 (66 lbs)

RETURN SPEED

1,800 mm/sec
 (4,250 in/min)
 (adjustable)

INSTALLED POWER

2 kW

P MAGAZINE AVAILABLE

Multi Rack 1,800 mm (70.87")

Bucci Industries Brands



Represented Brands



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BUCCI

INDUSTRIES

Bar Feeder

Qty	Item	Price
1	Boss 338 Superfast 12 feet	\$ 35990

All bar feeders include: standard electrical and mechanical interface to the lathe, Single Rack magazine, synchronization device, remnant retraction system, front bushing device and 1 guide channel set (1 Guide Channel, 1 Bar Pusher, 1 Rotating Tip, 1 Telescopic Nose, 1 Collet and 1 Split Bushing)

Options

Qty	Item	Price
	Additional guide channel	2,690
	Additional spindle liner	
1	Touch Screen 7" Panel	\$ 490
	Kit for additional lights	
1	Anti Vibration Device	\$ 1990
	Axial shifting device (Z) (12 feet)	
	Tool box (only on 12 feet)	
	Magazine extension (only on 12 feet)	
	Caddy F (12 feet Bundle Magazine)	
	Caddy P (12 feet Multi Rack Magazine)	
1	Category III interface (Dual Channel Safety Circuit Protection)	\$ 1490
	Special adaptation kit (Required for some lathes)	

TOTAL F.O.B. Bucci Industries USA, Charlotte (NC) \$ 39960

Installation

Qty	Item	Price
1	Installation in USA, Canada and Mexico	\$ 3100

Installation price includes labor, travel expenses, on site operator training at the time of installation, 12 month parts and labor warranty

Notes:

Bucci Industries Brands



Represented Brands



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**Installation**

IEMCA recommends an authorized technician to perform the installation and operator training on your IEMCA bar feeder or gantry loader system.

The installation price shown above is a net price for one (1) installation.

In order to provide effective and comprehensive bar feeder installation, training and run-off IEMCA requires the lathe to be tooled up, part program ready and ready to make parts prior to the arrival of an IEMCA service technician.

In case the above conditions are missing and a return trip is needed, lost on site time will be charged at \$ 120/labor hour, \$ 80/travel hour + expenses.

Warranty & Phone Support

IEMCA bar feeders and gantry loaders are offered with 12 months parts and labor warranty. IEMCA will provide free phone support as long as the equipment was originally purchased from our authorized sales channels. This will be confirmed by comparing Company name with equipment serial number.

Terms and Conditions

Quote validity	30 days
Manufacturing time	5 to 10 working days if unit is available in stock at our Charlotte facility.
Delivery	All shipments are FOB Bucci Industries USA, Charlotte (NC).
Payment terms	100% net 30 days from installation but, in any case, not to exceed 60 days from shipment from our Charlotte facility

Accessories Pricing**Materials Accessories**

Size (mm)	OD Collet (Outer Diameter)	ID Collet (Inner Diameter)	Split Bushing
1-20	\$60.00	\$190.00	\$95.00
21-51	\$90.00	\$230.00	\$105.00

Machine Accessories

Drawtube ID (mm)	Standard Spindle Liner	Multi Piece Spindle Liner (Dovetail)
1-20	\$300.00	\$500.00
21-51	\$350.00	\$550.00

All prices listed are only valid with the purchase of a new IEMCA Bar Feeder

Bucci Industries Brands



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BUCCI
INDUSTRIES

BOSS 338 guide channel, bar pusher, bar and pipe diameters.

Guide Channel Diameter	MIN Bar Diameter	MAX Bar Diameter	Largest Tube* Diameter
13mm (0.512")	4mm (0.157")	11mm (0.433")	12mm (0.472")
17mm (0.669")	5mm (0.197")	15mm (0.591")	16mm (0.630")
21mm (0.827")	5mm (0.197")	19.1mm (0.752")	20mm (0.787")
24mm (0.945")	6mm (0.236")	21mm (0.827")	23mm (0.906")
26mm (1.024")	8mm (0.315")	23mm (0.906")	25mm (0.984")
28mm (1.102")	8mm (0.315")	25.4mm (1.000")	27mm (1.063")
33mm (1.299")	8mm (0.315")	30mm (1.181")	32mm (1.260")
36mm (1.417")	8mm (0.315")	33.5mm (1.319")	35mm (1.378")
38mm (1.496")	8mm (0.315")	35mm (1.378")	37mm (1.457")
39mm (1.535")	8mm (0.315")	36mm (1.417")	38mm (1.496")

(* Valid also for prepared bars or normal bars machined with front remnant ejection.

Bucci Industries Brands



Represented Brands

