

A Complete Lineup of In-Stock Lathe Tooling for Okuma • Three Year Warranty

VELOCITY TOOLING FOR OKUMA 2SP-150/250 H/HM

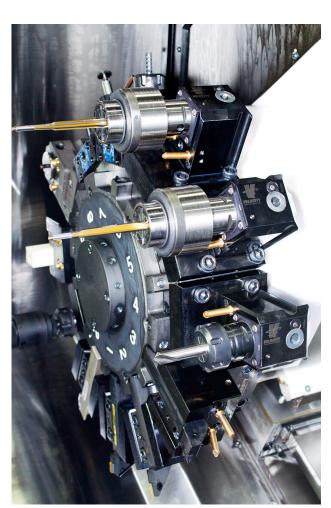
VELOCITY

Velocity Tooling: Exclusively for Okuma

Velocity Products, a leading supplier in the machine tool industry, is proud to offer the most comprehensive inventory of lathe tooling for Okuma in North America. As the official OEM supplier of startup tooling kits for Okuma lathes, Velocity Products has established a strong reputation for quality and reliability. Developed in Switzerland, Velocity tooling is created through close collaboration with engineers from Okuma America, Okuma Japan, and Okuma Europe. This ensures impeccable performance on Okuma lathes, multitasking machines, and machining centers. This premium tooling is available exclusively for Okuma machine tools.

Innovative Velocity Tooling Technology

Velocity tools are designed with convenience and efficiency in mind. Upon delivery, all live tools have already undergone a thorough run-in process at the factory, ensuring optimal performance. Internal coolant tools are pressure tested for quality assurance before shipping, providing confidence in their durability and reliability. Velocity tools are greased for life, which eliminates the need for customer maintenance and saves valuable time and resources. For further quality control, all tools are inspected using Coordinate Measuring Machines (CMM) and serialized records are maintained for future reference and traceability.



Three-Year Warranty

Velocity Tooling is meticulously designed for longevity and durability, even under the most demanding applications. The exceptional build quality of these tool holders is backed by a Three-Year Factory Warranty, demonstrating Velocity's commitment to customer satisfaction. Within three years from the date of purchase, Velocity pledges to repair any defective tool holder, ensuring that customers can invest in their products with confidence.

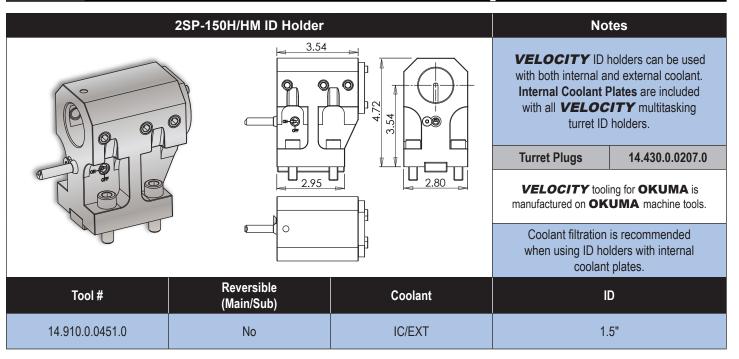
Continuous Improvement and Customer Support

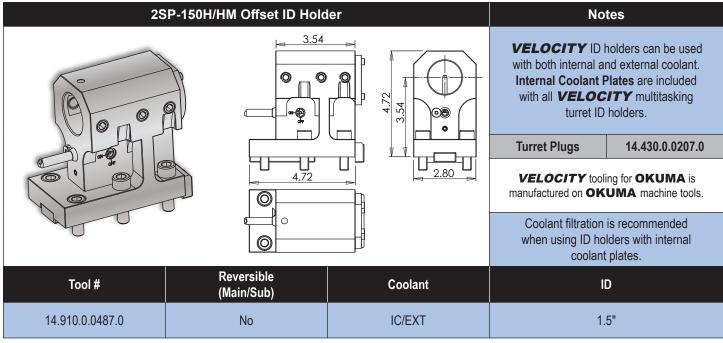
Velocity Products is dedicated to continuous improvement and innovation, staying up-to-date with the latest trends and technologies in the machine tool industry. By maintaining open lines of communication with Okuma engineers around the world, Velocity is able to promptly address any issues and adapt its products to better serve the needs of Okuma machine operators. Additionally, Velocity offers comprehensive customer support, providing technical assistance, training, and guidance to ensure the best possible user experience.

Velocity offers an exclusive and comprehensive solution for Okuma machine tools, with a focus on quality, innovation, and customer satisfaction. By combining cutting-edge technology, exceptional build quality, and unparalleled support, Velocity Products provides Okuma machine operators with the tools they need to succeed in a competitive market.

2SP-150H/HM Tools

LOKUMA

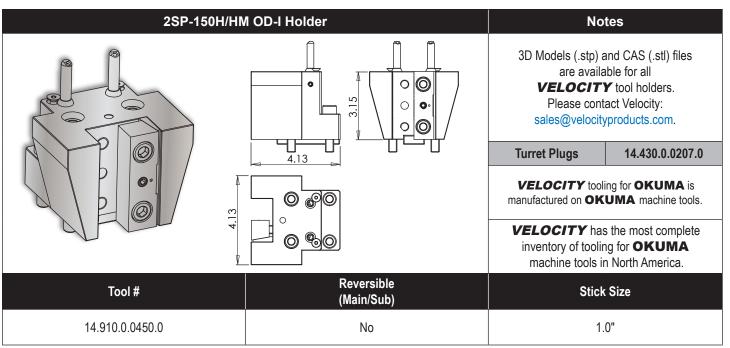


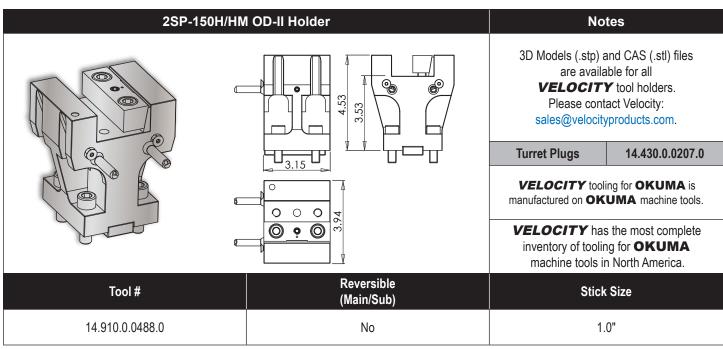




2SP-150H/HM Tools

LOKUMA

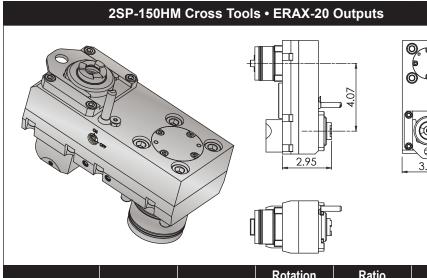






2SP-150HM Tools

LOKUMA



Notes Wrenches Included with Tools Maximum Drill Ø Maximum Mill Ø EXT 1/2" EXT 15/32" IC 1/2" IC 15/32" Turret Plugs 14.430.0.0207.0

* 1,450 psi internal coolant (IC) cross tool CAN be run without coolant; the coolant sealing mechanism can be completely dis-engaged.

All coolant thru live tools require 30 micron coolant filtration nominal, 50 micron coolant filtration absolute.

Tool #	Coolant	Output	Rotation (In:Out)	Ratio (In:Out)	Max. RPM	Torque	Spindle Wrench	Collet Wrench
14.101.0.0336.0	EXT	ERAX-20	CW:CW	1:1	6,000	40 Nm	Special	7117.20000
14.101.0.0311.0	IC & EXT* 1,450 psi	ERAXC-20	CW:CW	1:1	6,000	40 Nm	Special	7117.20000

2SP-150HM Face Tools • ER-20 Outputs 3.74 \$\frac{3}{50.8}\$ \$\frac{5}{5.12}\$

3.15	

Notes

Wrenches Included with Tools

Maximui	m Drill Ø	Maximum Mill Ø			
EXT 1/2"		EXT	15/32"		
IC	1/2"	IC	15/32"		
Turret	Plugs	14.430.0.0207.0			

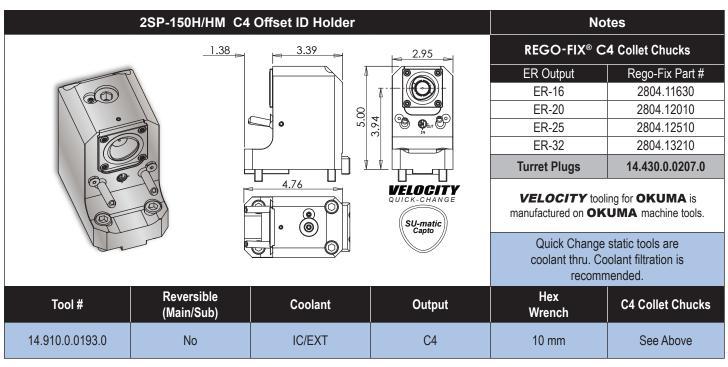
* 1,450 psi internal coolant (IC) face tool CAN be run without coolant; the coolant sealing mechanism can be completely dis-engaged.

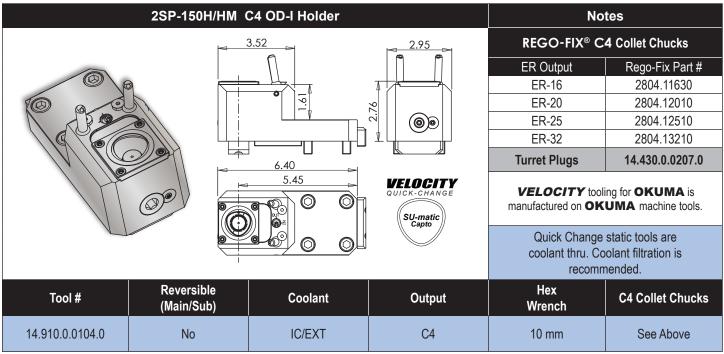
All coolant thru live tools require 30 micron coolant filtration nominal, 50 micron coolant filtration absolute.

Tool #	Coolant	Output	Rotation (In:Out)	Ratio (In:Out)	Max. RPM	Torque	Spindle Wrench	Collet Wrench
14.800.0.0291.0	EXT	ER-20	CW:CW	1:1	6,000	40 Nm	Special	7111.20000
14.800.0.0436.0	IC & EXT* 1,450 psi	ERC-20	CW:CW	1:1	6,000	40 Nm	Special	7111.20000

2SP-150H/HM Quick Change

LOKUMA

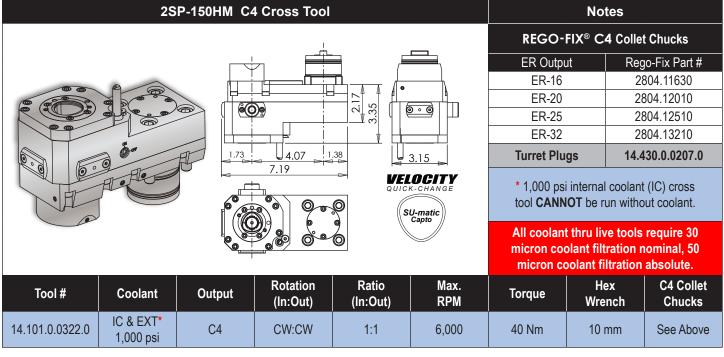


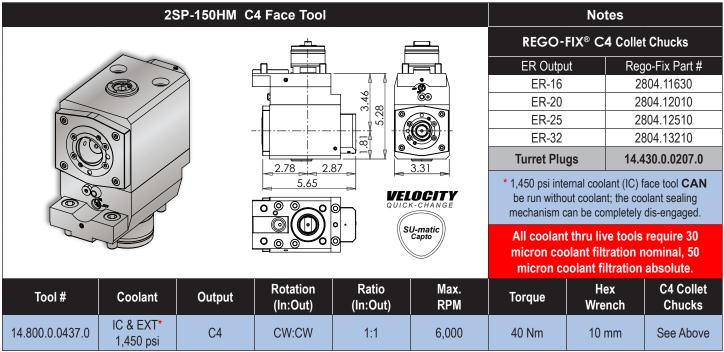




2SP-150H/HM Quick Change

LOKUMA

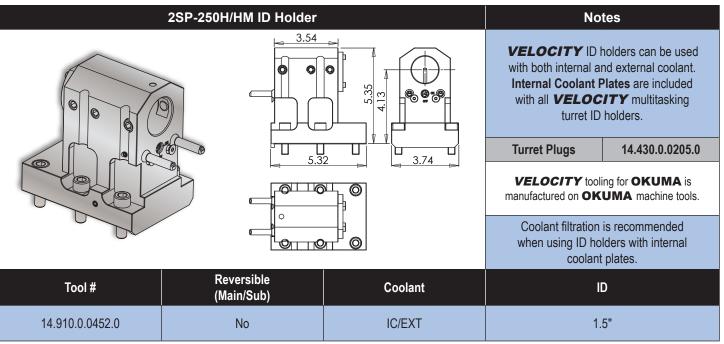


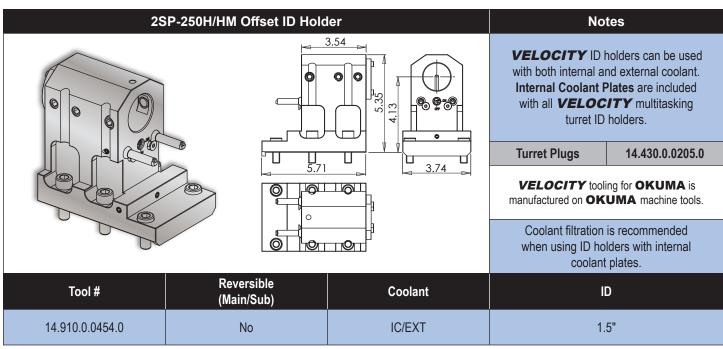




2SP-250H/HM Tools

LOKUMA

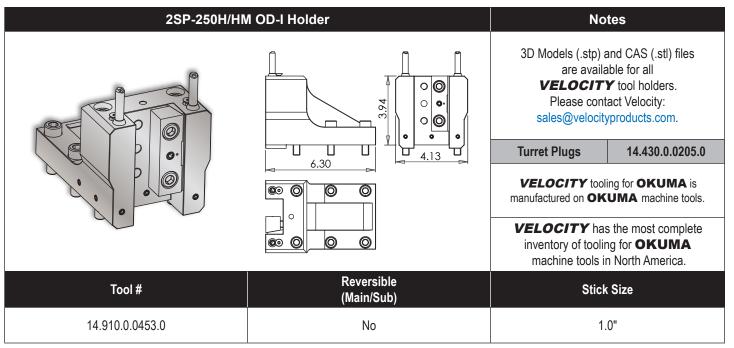


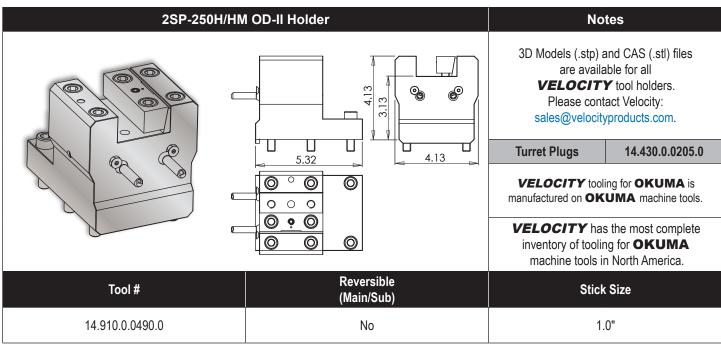




2SP-250H/HM Tools

LOKUMA





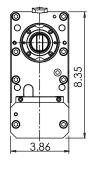


2SP-250HM Tools

LOKUMA

2517-25011





Notes

Wrenches Included with Tools

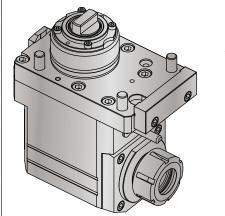
Maximui	m Drill Ø	Maximum Mill Ø			
EXT	13/16"	EXT	23/32"		
IC	3/4"	IC	23/32"		
Turret	Plugs	14.430.0	0.0205.0		

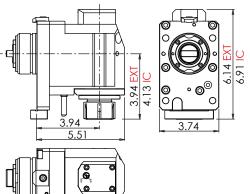
* 1,450 psi internal coolant (IC) cross tool CAN be run without coolant; the coolant sealing mechanism can be completely dis-engaged.

All coolant thru live tools require 30 micron coolant filtration nominal, 50 micron coolant filtration absolute.

Tool#	Coolant	Output	Rotation (In:Out)	Ratio (In:Out)	Max. RPM	Torque	Spindle Wrench	Collet Wrench
14.101.0.0182.0	EXT	ERAX-32	CW:CW	1:1	5,000	85 Nm	Special	7117.32000
14.101.0.0184.0	IC & EXT* 1,450 psi	ERAXC-32	CW:CW	1:1	5,000	85 Nm	Special	7117.32000

2SP-250HM Face Tools • ER-32 Outputs





Notes

Wrenches Included with Tools

Maximu	m Drill Ø	Maximum Mill Ø			
EXT	13/16"	EXT	23/32"		
IC	3/4"	IC	23/32"		
Turret	Plugs	14.430.0.0205.0			

* 1,450 psi internal coolant (IC) face tool CAN be run without coolant; the coolant sealing mechanism can be completely dis-engaged.

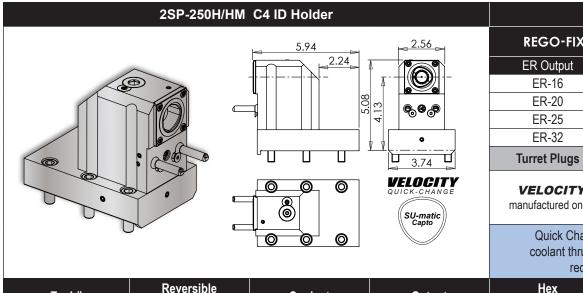
All coolant thru live tools require 30 micron coolant filtration nominal, 50 micron coolant filtration absolute.

Tool #	Coolant	Output	Rotation (In:Out)	Ratio (In:Out)	Max. RPM	Torque	Spindle Wrench	Collet Wrench
14.800.0.0266.0	EXT	ER-32	CW:CW	1:1	5,000	85 Nm	Special	7111.32000
14.800.0.0314.0	IC & EXT* 1,450 psi	ERC-32	CW:CW	1:1	5,000	85 Nm	Special	7111.32000

VELOCITY

2SP-250H/HM Tools

LOKUMA

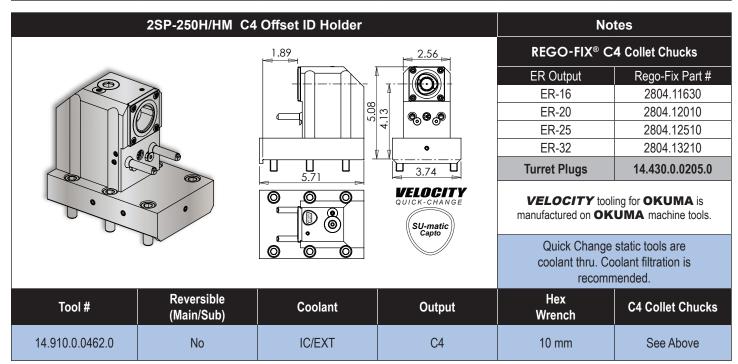


Notes								
REGO-FIX® C	4 Collet Chucks							
ER Output	Rego-Fix Part#							
ER-16	2804.11630							
ER-20	2804.12010							
ER-25	2804.12510							
ER-32	2804.13210							
Turret Plugs	14.430.0.0205.0							
ER-25 ER-32	2804.12510 2804.13210							

VELOCITY tooling for **OKUMA** is manufactured on **OKUMA** machine tools.

Quick Change static tools are coolant thru. Coolant filtration is recommended.

Tool #	Reversible (Main/Sub)	Coolant	Output	Hex Wrench	C4 Collet Chucks
14.910.0.0461.0	Yes	IC/EXT	C4	10 mm	See Above



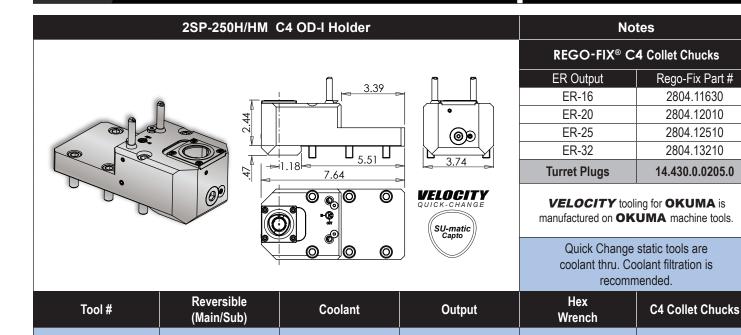


2SP-250H/HM Tools

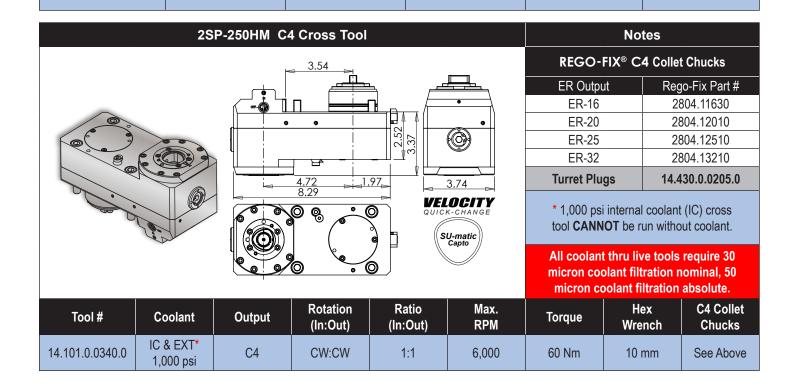
Yes

14.910.0.0460.0

LOKUMA



IC/EXT



C4

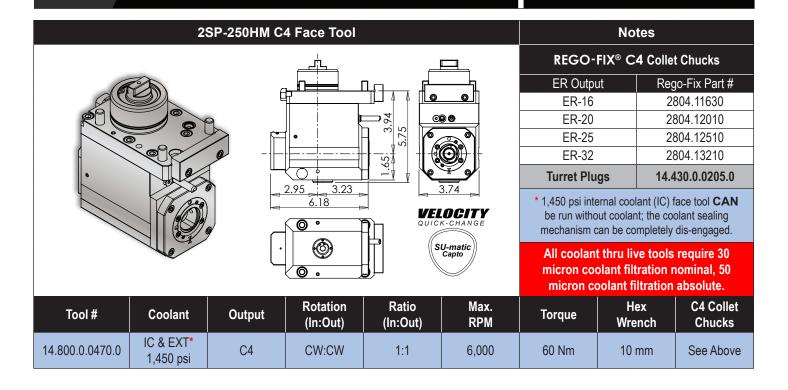
10 mm

See Above



2SP-250H/HM Tools

LOKUMA







Rego-Fix® Accessories

LOKUMA

VELOCITY/ REGO-FIX® Inch Collets

Size	ER-16		ER-20		ER-25		ER-32		ER-40	
(Inch)	Standard ER Collets	Coolant Through ER Collets	Standard ER Collets	Coolant Through ER Collets	Standard ER Collets	Coolant Through ER Collets	Standard ER Collets	Coolant Through ER Collets	Standard ER Collets	Coolant Through ER Collets
1/16"	1116.01592									
3/32"	1116.02382									
1/8"	1116.03182	1216.03182	1120.03182	1220.03182	1125.03182		1132.03182		1140.03182	
5/32"	1116.03972									
3/16"	1116.04762	1216.04762	1120.04762	1220.04762	1125.04762		1132.04762		1140.04762	
7/32"	1116.05562									
1/4"	1116.06352	1216.06352	1120.06352	1220.06352	1125.06352	1225.06352	1132.06352	1232.06352	1140.06352	
9/32"	1116.07142									
5/16"	1116.07942	1216.07942	1120.07942	1220.07942	1125.07942	1225.07942	1132.07942	1232.07942	1140.07942	
11/32"	1116.08732									
3/8"	1116.09532	1216.09532	1120.09532	1220.09532	1125.09532	1225.09532	1132.09532	1232.09532	1140.09532	1240.09532
13/32"	1116.10322									
7/16"			1120.11112	1220.11112	1125.11112	1225.11112	1132.11112	1232.11112	1140.11112	1240.11112
1/2"			1120.12702	1220.12702	1125.12702	1225.12702	1132.12702	1232.12702	1140.12702	1240.12702
9/16"					1125.14292	1225.14292	1132.14292	1232.14292	1140.14292	1240.14292
5/8"					1125.15882	1225.15882	1132.15882	1232.15882	1140.15882	1240.15882
11/16"							1132.17462	1232.17462	1140.17462	1240.17462
3/4"							1132.19052	1232.19052	1140.19052	1240.19052
13/16"							1132.20642		1140.20642	1240.20642
7/8"									1140.22232	1240.22232
1"									1140.25402	1240.25402
Collet Set	(12) Collets 1116.00002	(5) Collets 1216.00002	(7) Collets 1120.00002	(7) Collets 1220.00002	(9) Collets 1125.00002	(7) Collets 1225.00002	(12) Collets 1132.00002	(9) Collets 1232.00002	(14) Collets 1140.00002	(10) Collets 1240.00002



Tooling and Accessories for Okuma Machines

LOKUMA

VELOCITY/MP SYSTEMS VMP-8 DIFFERENTIAL COOLANT FILTER

All Internal Coolant Tools Require Coolant Filtration!

External coolant tools - and static tools - can also benefit from coolant filtration. Swarf can find its way into all static and live tools and clog coolant nozzles, degrade seals between the mounting plate and tool body of live tools, an eventually damage the bearings of live tools. Swarf can also clog coolant lines in the manifold of a lathe turret. MP Systems, a sister company of Velocity Products, is renowned for their high-pressure coolant systems and accessories. MP Systems has designed a standalone VMP-8 Differential Coolant Filter that is tied to a machine tool alarm circuit to protect Velocity Quick Change Tooling - and a machine tool - from damage caused by swarf in coolant or cutting oil.

The Velocity/MP Systems VMP-8 Differential Coolant Filter works by filtering swarf from coolant or cutting oil in a machine tool coolant tank before the coolant or cutting oil goes into the lock lines. The VMP-8 Filter specifications are 5µm nominal, 50µm absolute. the VMP-8 Differential Coolant Filter is equipped with a switch that will alarm out the machine tool when there is a pressure differential of 25 psi (indicating that the filter bag needs replacement.) Installation of the VMP-8 Differential Coolant Filter is simple on machine tools with a maximum standard coolant pump pressure of 125 psi. The VMP-8 Differential Coolant Filter can be used in conjunction with MP High Pressure Coolant Systems to achieve 100% Coolant filtration and maximum machining performance.







Tooling and Accessories for Okuma Machines

LOKUMA

VELOCITY V-CLEAN VISION SYSTEM

The Velocity V-Clean Vision System clears coolant from machine tool enclosure windows. The V-Clean Vision System is powered solely by shop air and costs significantly less than competing window cleaning devices.

Features

- Three year guarantee
- Includes Velocity air knife, air switch, 16' air hose, air hose guides, fittings, and extensions

Installation

- V-Clean, air switch, and hose guides mounted with rare earth neodymium magnets
- Requires 100 psi/100 cfm air source for optimal performance
- V-Clean Vision Kits available: includes V-Clean and Velocity ROMA 18 LED machine tool light



ULTRA-BRIGHT LED LIGHTING FOR MACHINE TOOLS

Velocity ultra-bright LED lighting products are designed and manufactured specifically for use in a machine tool environment. Velocity lighting features extended life LED's, completely impervious assemblies sealed to IP68, and tempered glass lenses. Powerful neodymium rare earth magnets allow for fast installation wherever light is needed.

We offer the following standard lights:

- Three year guarantee
- ROMA 9 and ROMA 18 LED machine tool enclosure lights
- · Stack lights with up to seven color combinations
- Flexible arm, magnetic base LED inspection lights



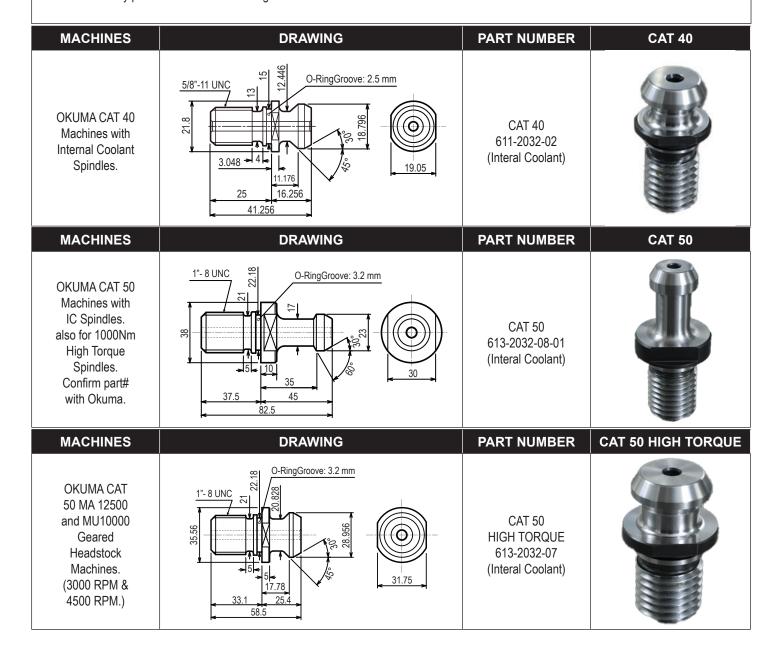


Tooling and Accessories for Okuma Machines



VELOCITY OKUMA CERTIFIED PULL STUDS

Velocity Okuma Certified pull studs are specifically designed for Okuma spindles. The tolerances and surface finish to which Velocity pull studs are machined results in increased tool life and better part surface finishes. Velocity Okuma Certified pull studs are machined from SNCM 420 (JIS)/4320 (ASTM) alloy steel, hardened to HRC-52 - 58, and all surfaces are held to the surface finish requirements from Okuma, and all Velocity pull studs are coolant through.



Velocity Repair Center

LOKUMA



VELOCITY REPAIR CENTER AND 3 YEAR WARRANTY

Three-Year Warranty

Velocity Tooling is meticulously designed for longevity and durability, even under the most demanding applications. The exceptional build quality of these tool holders is backed by a Three-Year Factory Warranty, demonstrating Velocity's commitment to customer satisfaction. Within three years from the date of purchase, Velocity pledges to repair any defective tool holder, ensuring that customers can invest in their products with confidence.

Continuous Improvement and Customer Support

Velocity Products is dedicated to continuous improvement and innovation, staying up-to-date with the latest trends and technologies in the machine tool industry. By maintaining open lines of communication with Okuma engineers around the world, Velocity is able to promptly address any issues and adapt its products to better serve the needs of Okuma machine operators. Additionally, Velocity offers comprehensive customer support, providing technical assistance, training, and guidance to ensure the best possible user experience.

Velocity offers an exclusive and comprehensive solution for Okuma machine tools, with a focus on quality, innovation, and customer satisfaction. By combining cutting-edge technology, exceptional build quality, and unparalleled support, Velocity Products provides Okuma machine operators with the tools they need to succeed in a competitive market.



LOKUMA **Notes**



2SP-150/250 H/HM

www.velocityproducts.com





A Complete Lineup of In-Stock Lathe Tooling for Okuma • Three Year Warranty*

Velocity Products • 3611 Jack Kendall Way, Huntsville, AL 35806 • 256-258-5549 www.velocityproducts.com • sales@velocityproducts.com

*Warranty voided if internal coolant tools are used without coolant and coolant filtration. Exceeding specified maximum cutting tool sizes voids warranty.

© Velocity Products • Specifications subject to change without notice • 2SP-150/250 H/HM 8.2023