

HARDINGE® TF-25 OG PICK-OFF SPINDLE OVERGRIP COLLETS FOR CITIZEN M20 AND L720 SWISS TURNING CENTERS.

Overgrip collets, also referred to as over-the-shoulder collets, are used on a pick-off spindle when it is required to clear a shoulder and grip on a smaller diameter beyond. A good example of this type of part would be a screw. Hardinge manufactures TF-25 OG overgrip collets for Citizen M20 and L720 lathes.

Hardinge also manufactures headstock collets, pickoff collets and carbide guide bushings for all Citizen machines. Please refer to the Citizen machine reference chart on the back of this page.



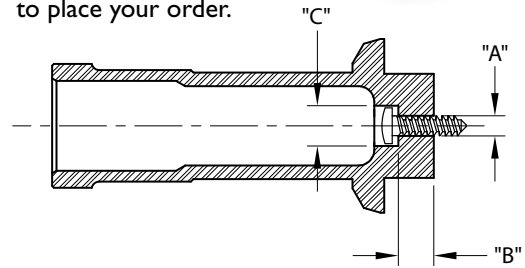
Swiss-type collets are ground to precise size and TIR to meet precision machining requirements with a standard accuracy that rivals the industry! Dedicated teams and work cells manufacture to rigid specifications including material and heat treatment, with a process control that leads the industry. Every collet and guide bushing is inspected on a Hardinge Super-Precision® headstock before reaching the stockroom.

Brochure H-2381C



Overgrip Collet
Hardinge Part No.
4613-75-0000003

Call Hardinge at
800-843-8801 with the
information below
to place your order.



Grip Diameter "A" (max .505"/12.8mm) _____
 Grip Length "B" (max .470"/11.9mm) _____
 Part Diameter "C" (max .630"/16mm) _____



CITIZEN MACHINERY AMERICA INC

in partnership with Hardinge Inc.

IMPORTANT NOTE:

If the above "C" dimension is greater than .086"/2.2mm but less than .118"/3.0mm maximum overgrip, you must purchase an Overgrip Kit from Citizen Machinery America Inc. Call 201-818-0100 to place your order:

Overgrip Kit – Citizen Part No. BD-6015



Hardinge Tooling Guide for Citizen Swiss Turning Centers

Machine Builders' Model No.	HEADSTOCK COLLET		CARBIDE BUSHING		ADAPTIVE	PICK-OFF COLLET		DRILL SLEEVE COLLET		ROTARY TOOL COLLET	
	Collet Model No.	Hardinge Part No.	Bushing Model No.	Hardinge Part No.	Guide Bushing*	Collet Model No.	Hardinge Part No.	Collet Model No.	Hardinge Part No.	Collet Model No.	Hardinge Part No.
A16	TF20	4611	O201	4639	—	TF20	4611	ER11	1911	ER11	1911
A20	TF25	4613	TD25NS	4659	97Z-1102	TF25	4613	ER11 ER16	1911 1913	ER16	1913
A32	TF37SP	OA	TD32	4653	97Z-1653	TF37SP	OA	ER16	1913	ER16	1913
B12	TF16	4609	SD125R	4633	—	—	—	TF8 ER11	4701 1911	ER11	1911
B12 I	TF16	4609	SD125R	4633	—	—	—	ER11	1911	—	—
B12 II	TF16	4609	SD125R	4633	—	—	—	ER11	1911	ER8	2093
B12 V	TF16	4609	SD125R	4633	—	TF16	4609	ER11	1911	—	—
B12 VI	TF16	4609	SD125R	4633	—	TF16	4609	ER11	1911	ER8	2093
BL12	BL12	—	—	—	—	—	—	ER11 ER16	1911 1913	—	—
B20	TF25	4613	TD25NS	4659	—	TF25	4613	TF8 ER11	4701 1911	ER11	1911
B20 I	TF25	4613	TD25NS	4659	—	—	—	ER16	1913	—	—
B20 V	TF25	4613	TD25NS	4659	—	TF25	4613	ER16	1913	—	—
C16	TF20	4611	O201	4639	—	TF20	4611	ER11	1911	ER11	1911
C32	TF37SP	OA	TD32	4653	—	TF37SP	OA	ER16	1913	ER16	1913
D10	TF15	4607	TD10	4631	—	—	—	TF8	4701	—	—
D16	TF25	4613	TP20	OA	—	—	—	TF12	OA	—	—
E16	TF25	4613	O201	4639	—	TF25	4613	ER16	1913	ER11	1911
E16J	TF25	4613	O201	4639	—	TF25	4613	TF8 ER16	4701 1913	0136 ER11	OA 9311
E216	TF25	4613	O201	4639	—	TF25	4613	ER16	1913	ER12 ER16	OA 1913
E220	TF25	4613	TSD20	4645	—	TF25	4613	ER16	1913	ER12 ER16	OA 1913
E225 & E25J	TF30	4615	CD25	4651	—	TF30	4615	ER16	1913	ER12 ER16	OA 1913
E32	TF37SP	6900M	TD32	4653	—	TF37SP	OA	ER16	1913	ER12 ER16	OA 1913
E32 IV	TF37SP	OA	TD32	4653	—	TF37SP	OA	ER16	1913	ER11 ER16	OA 1913
E32K	TF37	4619	TD32	4653	—	TF37	4619	TF10 ER16	4703 1913	ER12 ER16	OA 1913
E232	TF37	4619	TD32	4653	—	TF37	4619	ER16	1913	ER12 ER16	OA 1913
F10	TF15	4607	TD10	4631	—	—	—	TF8	4701	—	—
F12	TF16	4609	SD125R	4633	—	TF16	4609	TF8 ER16	4701 1913	0136	OA
F16	TF25	4613	O201	4639	—	TF25	4613	TF8 ER16	4701 1913	0136	OA
F20	TF25	4613	TSD20	4645	—	TF25	4613	TF10 ER16	4703 1913	TF8 ER16	4701 1913
F25	TF30	4615	CD25	4651	—	TF30	4615	TF10 ER16	4703 1913	TF8 ER16	4701 1913
FL32	TF37SP	OA	—	—	—	TF37SP	OA	ER20 ER25	1915 2095	ER11/16/20	1911/13/15
G16	TF25	4613	O201	4639	—	—	—	TF8	4701	—	—
K16	TF20	4611	O201	4639	—	TF20	4611	ER11 ER16	1911 1913	ER11	1911
L10	TF15	4607	TD10	4631	—	TF8	4701	TF8	4701	TF8	4701
L16	TF25	4613	O201	4639	—	—	—	TF8 ER16	4701 1913	—	—
L16 V	TF25	4613	O201	4639	—	TF25	4613	TF8 ER16	4701 1913	—	—
L16 VI	TF25	4613	O201	4639	—	TF25	4613	TF8 ER16	4701 1913	ER16	1913
L20	TF25	4613	TD25NS	4659	—	TF25	4613	ER16	1913	ER16	1913
L20 I & III	TF25	4613	TD25NS	4659	—	—	—	ER16	1913	ER11 ER16	OA 1913
L20VII	TF25	4613	TD25NS	4659	—	TF25	4613	ER16	1913	ER11 ER16	OA 1913
L25	TF30	4615	CD25	4651	—	TF30	4615	ER16	1913	ER16	1913
L32	TF37SP	OA	TD32	4653	—	TF37SP	OA	ER16	1913	ER12 ER16	OA 1913
L520	TF25	4613	TD25NS	4659	97Z-1102	TF25	4613	ER16	1913	ER16	1913
L720	TF25	4613	TD25NS	4659	97Z-1102	TF25	4613	ER16	1913	ER16	1913
M12	TF16	4609	SD125R	4633	—	TF16	4609	ER11 ER16	1911 1913	TF8 ER16	4701 1913
M16	TF20	4611	O201	4639	—	TF20	4611	ER11 ER16	1911 1913	TF8 ER11	4701 OA
M20	TF25	4613	TD25NS	4659	97Z-1102	TF25	4613	TF8 ER16	4701 1913	0136 TF8	OA 4701
									ER11 ER16	1911 1913	
M32	TF37SP	OA	TD32	4653	97Z-1653	TF37SP	OA	ER16	1913	ER11 ER16	OA 1913
R04	TF8	4701	PD4	4675	—	TF8	4701	ER8	2093	ER8	2093
R07	TF15	4607	TD7	OA	—	TF15	4607	ER8	2093	ER8	2093

OA = On Application - may be available as a special.

* Adaptive Guide Bushings permit the use of unground stock - Machine kit required from Citizen.



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To Order Online: www.shophardinge.com | Corporate Homepage: www.hardinge.com | E-mail: info@hardinge.com | Live Online Support: www.shophardinge.com

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