

Rota File

INDUSTRIAL CATALOG

Rota Mills

Carbide Burs

High Speed Steel Rotary Files



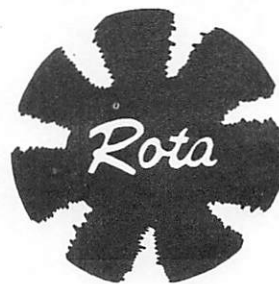
Rota Tool Corp. • Syosset, New York 11791

(800) 828 0203 • (516) 496 7200 • Fax (516) 496 7751

Website: www.rotafile.com • email: tech.support@bdm1.com

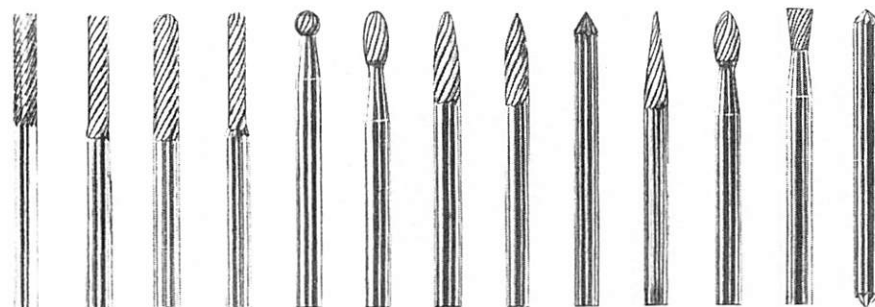
Carbide BURS

TO ORDER
CALL TOLL-FREE
(800) 828-0203



Solid Carbide $\frac{1}{8} \times \frac{1}{2}$ Over-all Length - Also Available 3mm

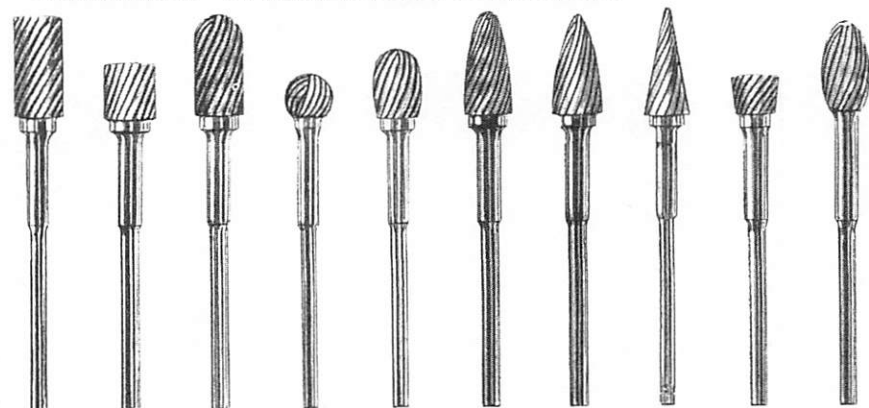
SET NO. A-118



A1 A2 A3 A4 A5 A6 A7 A8 A9 A10 A11 A12 A13

Tool No.	Size
A1	$\frac{1}{8}'' \times \frac{9}{16}''$
A2	$\frac{3}{32}'' \times \frac{7}{16}''$
A3	$\frac{1}{8}'' \times \frac{9}{16}''$
A4	$\frac{3}{32}'' \times \frac{7}{16}''$
A5	$\frac{1}{8}'' \times \frac{1}{8}''$
A6	$\frac{1}{8}'' \times \frac{7}{32}''$
A7	$\frac{1}{8}'' \times \frac{1}{2}''$
A8	$\frac{1}{8}'' \times \frac{1}{2}''$
A9	$\frac{1}{8}'' \times \frac{3}{16}''$
A10	$\frac{1}{8}'' \times \frac{7}{16}''$
A11	$\frac{1}{8}'' \times \frac{1}{4}''$
A12	$\frac{1}{8}'' \times \frac{3}{16}''$
A13	$\frac{1}{8}'' \times \frac{1}{8}''$

$\frac{1}{4}$ Head with $\frac{3}{32}$ Heat Treated Steel Shank

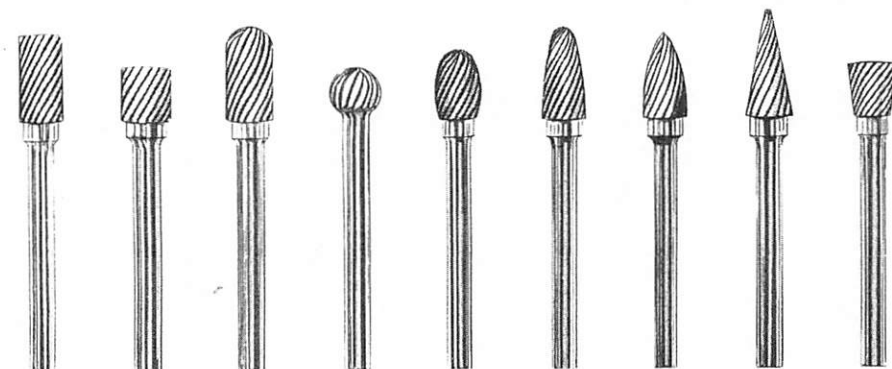


B51 B52 B53 B54 B55 B56 B57 B58 B59 B60

SET NO. B410

Tool No.	Size
B51	$\frac{1}{4}'' \times \frac{1}{2}''$
B52	$\frac{1}{4}'' \times \frac{1}{4}''$
B53	$\frac{1}{4}'' \times \frac{1}{2}''$
B54	$\frac{1}{4}'' \times \frac{1}{4}''$
B55	$\frac{1}{4}'' \times \frac{3}{8}''$
B56	$\frac{1}{4}'' \times \frac{1}{2}''$
B57	$\frac{1}{4}'' \times \frac{1}{2}''$
B58	$\frac{1}{4}'' \times \frac{1}{2}''$
B59	$\frac{1}{4}'' \times \frac{1}{4}''$
B60	$\frac{1}{4}'' \times \frac{1}{2}''$

$\frac{1}{4}$ Head with $\frac{1}{8}$ Heat Treated Steel Shank - Also Available 3mm Shank



C29 C31 C33 C35 C37 C39 C41 C43 C45

SET NO. C316

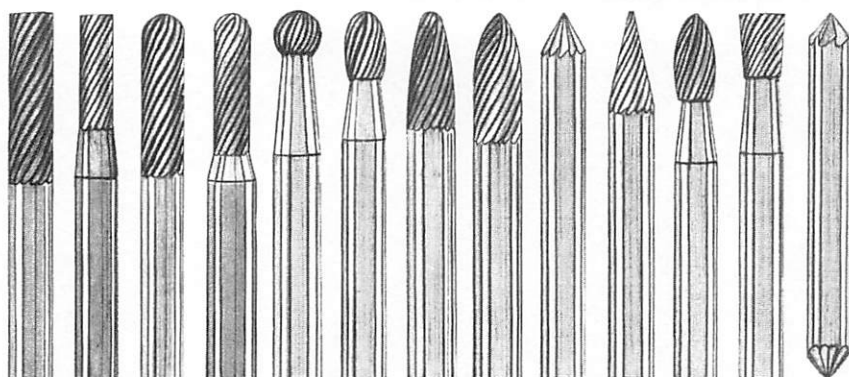
Tool No.	Size
C29	$\frac{1}{4}'' \times \frac{1}{2}''$
C31	$\frac{1}{4}'' \times \frac{1}{4}''$
C33	$\frac{1}{4}'' \times \frac{1}{2}''$
C35	$\frac{1}{4}'' \times \frac{1}{4}''$
C37	$\frac{1}{4}'' \times \frac{3}{8}''$
C39	$\frac{1}{4}'' \times \frac{1}{2}''$
C41	$\frac{1}{4}'' \times \frac{1}{2}''$
C43	$\frac{1}{4}'' \times \frac{1}{2}''$
C45	$\frac{1}{4}'' \times \frac{1}{4}''$

Carbide BURS

TO ORDER
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Solid Carbide $\frac{1}{4} \times 2$ " Over-all Length - Also Available 6 mm

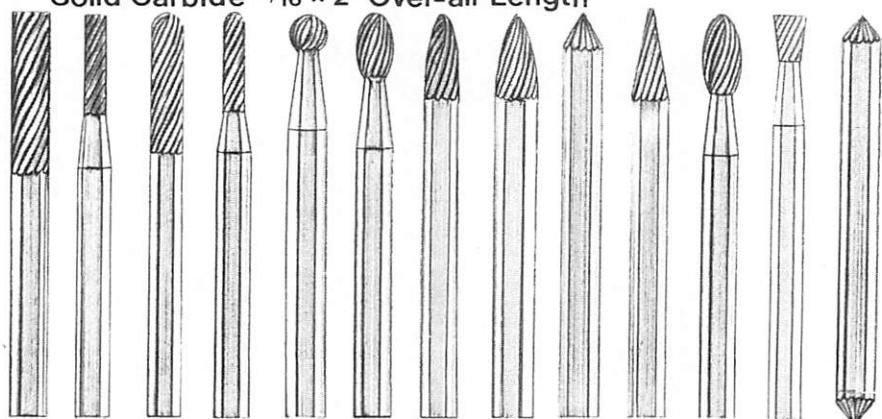


D19 D20 D21 D22 D23 D24 D25 D26 D27 D28 D29 D30 D31

SET NO. D250

Tool No.	Size
D19	$\frac{1}{4}'' \times \frac{5}{8}''$
D20	$\frac{3}{16}'' \times \frac{5}{8}''$
D21	$\frac{1}{4}'' \times \frac{5}{8}''$
D22	$\frac{3}{16}'' \times \frac{5}{8}''$
D23	$\frac{1}{4}'' \times \frac{1}{4}''$
D24	$\frac{1}{4}'' \times \frac{3}{8}''$
D25	$\frac{1}{4}'' \times \frac{5}{8}''$
D26	$\frac{1}{4}'' \times \frac{5}{8}''$
D27	$\frac{1}{4}'' \times 60^\circ$
D28	$\frac{1}{4}'' \times \frac{1}{2}''$
D29	$\frac{1}{4}'' \times \frac{3}{8}''$
D30	$\frac{1}{4}'' \times \frac{1}{4}''$
D31	$\frac{1}{4}'' \times 82^\circ$

Solid Carbide $\frac{3}{16} \times 2$ " Over-all Length

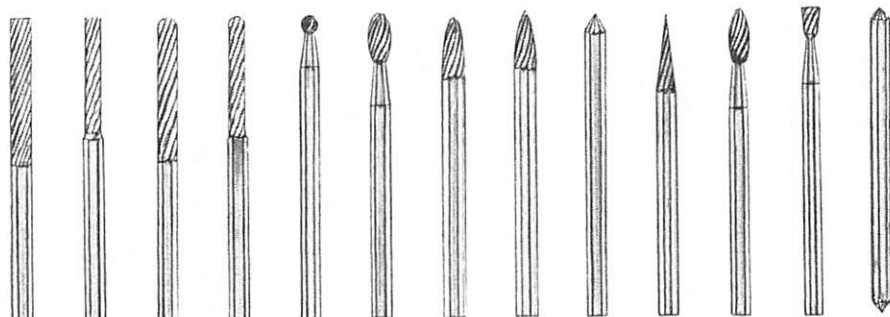


E33 E34 E35 E36 E37 E38 E39 E40 E41 E42 E43 E44 E45

SET NO. E112

Tool No.	Size
E33	$\frac{3}{16}'' \times \frac{5}{8}''$
E34	$\frac{1}{8}'' \times \frac{1}{2}''$
E35	$\frac{3}{16}'' \times \frac{5}{8}''$
E36	$\frac{1}{8}'' \times \frac{1}{2}''$
E37	$\frac{3}{16}'' \times \frac{3}{16}''$
E38	$\frac{3}{16}'' \times \frac{5}{16}''$
E39	$\frac{3}{16}'' \times \frac{1}{2}''$
E40	$\frac{3}{16}'' \times \frac{1}{2}''$
E41	$\frac{3}{16}'' \times 60^\circ$
E42	$\frac{3}{16}'' \times \frac{1}{2}''$
E43	$\frac{3}{16}'' \times \frac{3}{8}''$
E44	$\frac{3}{16}'' \times \frac{1}{4}''$
E45	$\frac{3}{16}'' \times 82^\circ$

Solid Carbide $\frac{3}{32} \times 1\frac{1}{2}$ " Over-all Length



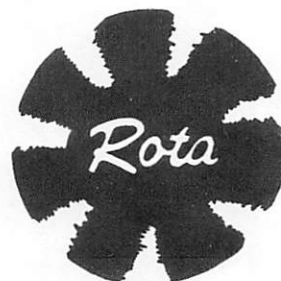
F47 F48 F49 F50 F51 F52 F53 F54 F55 F56 F57 F58 F59

SET NO. F332

Tool No.	Size
F47	$\frac{3}{32}'' \times \frac{3}{8}''$
F48	$\frac{1}{16}'' \times \frac{1}{4}''$
F49	$\frac{3}{32}'' \times \frac{3}{8}''$
F50	$\frac{1}{16}'' \times \frac{3}{8}''$
F51	$\frac{3}{32}'' \times \frac{3}{32}''$
F52	$\frac{3}{32}'' \times \frac{1}{8}''$
F53	$\frac{3}{32}'' \times \frac{1}{2}''$
F54	$\frac{3}{32}'' \times \frac{1}{2}''$
F55	$\frac{3}{32}'' \times 60^\circ$
F56	$\frac{3}{32}'' \times \frac{5}{16}''$
F57	$\frac{3}{32}'' \times \frac{1}{8}''$
F58	$\frac{3}{32}'' \times \frac{1}{8}''$
F59	$\frac{3}{32}'' \times 82^\circ$

Carbide BURS

TO ORDER
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Standard 1/4" Shank - Also Available 3/8, 6mm or 8 mm Shank

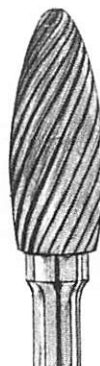
CYLINDRICAL (FLAT END)



Tool No.	Diameter of Body	Length of Body
TCR100	1/8"	1/2"
TCR103	3/16"	5/8"
TCR105	1/4"	5/8"
TCR106	1/4"	1"
TCR108	5/16"	3/4"
TCR109	3/8"	3/4"
TCR109A	7/16"	1"
TCR111	1/2"	1"
TCR114	5/8"	1"
TCR115	3/4"	1/2"
TCR116	3/4"	3/4"
TCR117	3/4"	1"
TCR118	1"	1"

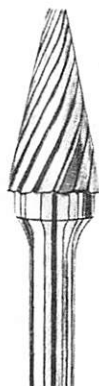
ADD 20% FOR END CUT

FLAME SHAPE



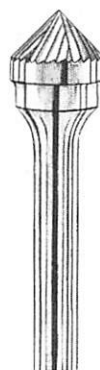
Tool No.	Diameter of Body	Length of Body
TCR301	5/16"	3/4"
TCR303	1/2"	1-1/4"
TCR305	5/8"	1-7/16"
TCR307	3/4"	1-5/8"

CONE SHAPE



Tool No.	Diameter of Body	Length of Body
TCR223	1/4"	1/2"
TCR226	1/4"	3/4"
TCR229	1/4"	1"
TCR238	3/8"	5/8"
TCR241	1/2"	7/8"
TCR244	5/8"	1"

DEBURRING 90°



DEBURRING — 90° (Pointed)

Tool No.	Diameter of Body
TCR401	1/4"
TCR401A	3/8"
TCR403	1/2"
TCR405	5/8"
TCR407	3/4"
TCR409	1"

CONE Radius End 14° INC. ANGLE



Tool No.	Diameter of body	Length of body
TCR254	1/4"	5/8"
TCR255	5/16"	7/8"
TCR256	3/8"	1-1/16"
TCR257	1/2"	1-1/8"
TCR258	5/8"	1-3/16"
TCR259	3/4"	1-1/2"

DEBURRING 60°



Tool No.	Diameter of Body
TCR400	1/4"
TCR402	3/8"
TCR404	1/2"
TCR406	5/8"
TCR408	3/4"
TCR410	1"

ADD 20% FOR DI-MON CUT

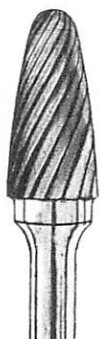
Carbide BURS

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Standard 1/4" Shank - Also Available 3/8, 6mm or 8 mm Shank

TREE RADIUS NOSE



Tool No.	Diameter of Body	Length of Body
TCR501	1/8"	1/2"
TCR503	1/4"	5/8"
TCR505	3/8"	3/4"
TCR506	1/2"	3/4"
TCR507	1/2"	1"
TCR507A	7/16"	1"
TCR508	5/8"	1"
TCR508A	3/4"	1"
TCR509	3/4"	1-1/4"
TCR510	3/4"	1-1/2"

CYLINDRICAL ROUND NOSE



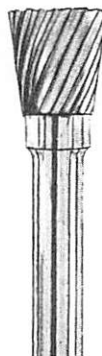
Tool No.	Diameter of Body	Length of Body
TCR700	1/8"	1/2"
TCR704	3/16"	5/8"
TCR710	1/4"	1"
TCR712	5/16"	3/4"
TCR714	3/8"	3/4"
TCR717	7/16"	1"
TCR718	1/2"	1"
TCR722	5/8"	1"
TCR724	3/4"	1"

TREE POINTED NOSE



Tool No.	Diameter of Body	Length of Body
TCR521	1/4"	5/8"
TCR522	5/16"	3/4"
TCR523	3/8"	3/4"
TCR525	1/2"	3/4"
TCR527	1/2"	1"
TCR529	5/8"	1"
TCR530	3/4"	1"
TCR532	3/4"	1-1/2"

INVERTED CONE



Tool No.	Length of Body	Diameter of Body
TCR800A	3/8"	3/8"
TCR802	1/2"	1/2"
TCR804	3/4"	5/8"
TCR806	5/8"	3/4"

ADD 20% FOR END CUT

BALL SHAPE



Tool No.	Diameter of Body
TCR600	1/8"
TCR601	3/16"
TCR602	1/4"
TCR603	5/16"
TCR604	3/8"
TCR605	7/16"
TCR606	1/2"
TCR608	5/8"
TCR609	3/4"
TCR611	1"

OLIVE SHAPE



Tool No.	Diameter of Body	Length of Body
TCR903	1/4"	3/8"
TCR905	3/8"	5/8"
TCR909	1/2"	7/8"
TCR911	5/8"	1"
TCR913	3/4"	1"

ADD 20% FOR DI-MON CUT

HIGH SPEED STEEL

Rotary Files

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CYLINDRICAL SHAPE



Ground From Solid	Diameter of Body	Length of Body
G100	1/8"	1/2"
G106	1/4"	1"
G107	1/4"	1-1/2"
G108	5/16"	1-1/2"
G109	3/8"	1"
G110	3/8"	1-1/2"
G111	1/2"	1"
G112	1/2"	1-1/2"
G114	5/8"	1"
G115	3/4"	1/2"
G116	3/4"	3/4"
G118	1"	1"

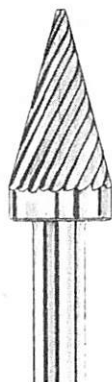
ADD 20% FOR END CUT

TAPERED SHAPE



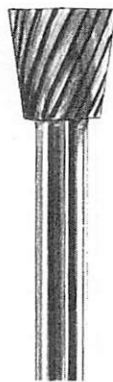
Ground From Solid	Diameter of Body	Length of Body
G300	5/16"	5/8"
G301	5/16"	1-1/4"
G302	3/8"	1-3/4"
G303	5/8"	1"

CONE SHAPE



Ground From Solid	Diameter of Body	Length of Body
G223	1/4"	1/2"
G226	1/4"	3/4"
G229	1/4"	1"
G232	1/4"	1-1/4"
G235	5/16"	1"
G238	3/8"	5/8"
G241	1/2"	7/8"
G244	5/8"	1"
G245	1"	1-3/8"

INVERTED CONE



Ground From Solid	Diameter of Body	Length of Body
G471	1/2"	3/4"
G472	3/4"	5/8"

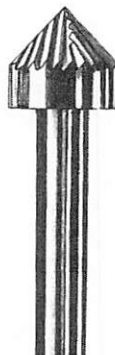
ADD 20% FOR END CUT

BI-SHAPE



Ground From Solid	Diameter of Body	Length of Body
G20	1/4"	1"
G21	5/16"	1-1/8"
G22	3/8"	1-1/8"

DEBURRING



Ground From Solid	Diameter of Body	Angle
G403	1/2"	90°
G405	5/8"	90°
G407	3/4"	90°
G409	1"	90°
G404	1/2"	60°
G406	5/8"	60°
G408	3/4"	60°
G410	1"	60°

HIGH SPEED STEEL

Rotary Files

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TREE RADIUS NOSE



Ground From Solid	Diameter of Body	Length of Body
G503	1/4"	3/4"
G504	1/4"	1-1/2"
G505	3/8"	3/4"
G507	1/2"	1-1/8"
G509	3/4"	1-1/4"
G511	1-1/8"	2"

CYLINDRICAL ROUND TOP



Ground From Solid	Diameter of Body	Length of Body
G700	1/8"	1/2"
G710	1/4"	1"
G711	1/4"	1-1/2"
G713	5/16"	1-1/2"
G714	3/8"	1"
G716	3/8"	1-1/2"
G718	1/2"	1"
G719	1/2"	1-1/2"
G722	5/8"	1"
G725	3/4"	1-1/4"
G726	1"	1-3/8"

TREE POINTED



Ground From Solid	Diameter of Body	Length of Body
G521	1/4"	3/4"
G523	3/8"	3/4"
G525	1/2"	3/4"
G527	1/2"	1-1/8"
G529	5/8"	1"
G531	1-1/8"	2"

FLAME SHAPE



Ground From Solid	Diameter of Body	Length of Body
G821	5/8"	7/8"
G824	5/8"	1-7/16"
G828	3/4"	1-3/4"

BALL SHAPE



Ground From Solid	Diameter of Body
G600	1/8"
G601	3/16"
G602	1/4"
G603	5/16"
G604	3/8"
G606	1/2"
G608	5/8"
G609	3/4"
G611	1"

OLIVE SHAPE



Ground From Solid	Diameter of Body	Length of Body
G901	3/16"	5/16"
G903	1/4"	1/2"
G905	3/8"	5/8"
G907	7/16"	3/4"
G909	1/2"	7/8"
G911	5/8"	1"
G913	3/4"	1-1/4"
G915	1"	1-3/8"

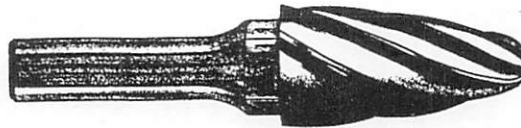
REGRINDS

Rota performs a complete regrind and repair service for all carbide burs, any brand. Most burs can be processed for a fraction of the cost of a new bur. Please inquire.

-Special Shanks-

Available on most burs as an option, are 4", 6" or 10" shanks, as well as flexible shanks. Please inquire for prices on special shank items.

ROTA MILLS



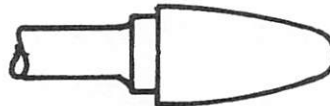
Standard Shank 1/4" - Also Available 3/8, 6mm, 8mm Shank

CYLINDRICAL FLAT END



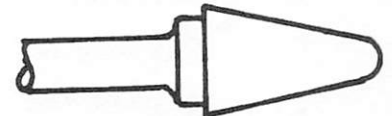
Tool No.	Diameter of Body	Length of Body
TCR109RM	3/8"	3/4"
TCR111RM	1/2"	1"
TCR114RM	5/8"	1"
TCR117RM	3/4"	1"

TREE SHAPE



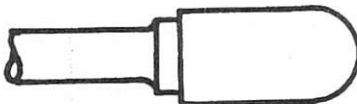
Tool No.	Diameter of Body	Length of Body
TCR505RM	3/8"	3/4"
TCR507RM	1/2"	1"
TCR508RM	5/8"	1"

CONE RADIUS END



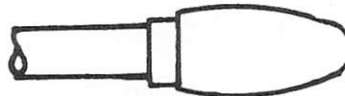
Tool No.	Diameter of Body	Length of Body
TCR256RM	3/8"	1 1/16"
TCR257RM	1/2"	1 1/8"
TCR258RM	5/8"	1 3/16"
TCR259RM	3/4"	1 1/2"

CYLINDRICAL ROUND TOP



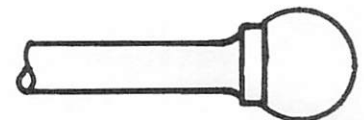
Tool No.	Diameter of Body	Length of Body
TCR714RM	3/8"	3/4"
TCR718RM	1/2"	1"
TCR722RM	5/8"	1"
TCR724RM	3/4"	1"

OLIVE SHAPE



Tool No.	Diameter of Body	Length of Body
TCR905RM	3/8"	5/8"
TCR909RM	1/2"	7/8"
TCR911RM	5/8"	1"
TCR913RM	3/4"	1"

BALL SHAPE



Tool No.	Diameter of Body	Length of Body
TCR604RM	3/8"	3/8"
TCR606RM	1/2"	1/2"
TCR608RM	5/8"	5/8"
TCR609RM	3/4"	3/4"

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