

File in Technical Section of #5006 Bulletin Binder

SUBJECT: THROTTLE SHAFT REAMERS FOR REBUSHING THROTTLE BODIES

COUNTER BORE REAMER FOR INSTALLING BUSHINGS



Following Sizes and Applications Available:

C161-73-1
Price: \$4.50
Size .3085"

C161-73-2
Price: \$4.50
Size .373"

C161-73-3
Price: \$4.50
Size .4375"

C161-73-4
Price: \$4.50
Size .500"

To Install
Bushing Nos.
CR9-13
C9-41

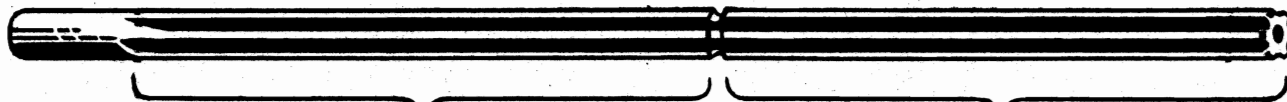
To Install
Bushing Nos.
CR9-22
CR9-23
C9-55
C9-56
C9-59

To Install
Bushing Nos.
CR9-1
CR9-2
CR9-3
CR9-6
CR9-14
CR9-16
CR9-19
CR9-35
CR9-36

To Install
Bushing Nos.
CR9-5
CR9-8
CR9-27
CR9-30

(COMPLETE BUSHING SIZE CHART ON REVERSE SIDE)

LINE REAMER FOR REAMING BUSHINGS TO SIZE AND PROPER ALIGNMENT



FINAL REAM

PILOT

C161-71-1
Price: \$7.50
For:
1/4" dia. shaft

C161-71-2
Price: \$7.50
For:
9/32" dia. shaft

C161-71-3
Price: \$7.50
For:
5/16" dia. shaft

C161-71-4
Price: \$7.50
For:
3/8" dia. shaft

NOTE: All prices are net, subject to change without notice.

BUSHING DRIVER

C161-72-1
Price: \$.30

To Install
1/4" I.D. Bushing

C161-72-2
Price: \$.35

To Install
9/32" I.D. Bushing

C161-72-3
Price: \$.35

To Install
5/16" I.D. Bushing

C161-72-4
Price: \$.45

To Install
3/8" I.D. Bushing

THROTTLE SHAFT BUSHING SIZE CHART FOR 1/4", 9/32", 5/16" & 3/8" SHAFTS

<u>Shaft Size</u>	<u>Inside Diameter</u>	<u>Length</u>	<u>Outside Diameter</u>	<u>Bushing No.</u>	<u>Style</u>
1/4"	.247"	.250"	.443"	CR9-19	Knurled O.D.
1/4"	.247"	.300"	.311"	C9-41	Plain O.D.
1/4"	.247"	.370"	.311"	CR9-13	Plain O.D.
1/4"	.247"	.430"	.443"	CR9-1	Knurled O.D.
9/32"	.278"	.270"	.379"	C9-59	Knurled O.D.
9/32"	.278"	.360"	.379"	CR9-23	Knurled O.D.
9/32"	.278"	.430"	.379"	CR9-22	Knurled O.D.
9/32"	.278"	.500"	.443"	CR9-2	Knurled O.D.
5/16"	.310"	.180"	.443"	CR9-35	Knurled O.D.
5/16"	.310"	.360"	.379"	C9-55	Knurled O.D.
5/16"	.310"	.430"	.379"	C9-56	Knurled O.D.
5/16"	.310"	.430"	.443"	CR9-36	Knurled O.D.
5/16"	.310"	.484"	.443"	CR9-16	Plain O.D.
5/16"	.310"	.500"	.443"	CR9-3	Knurled O.D.
5/16"	.310"	.560"	.443"	CR9-14	Plain O.D.
5/16"	.310"	.590"	.443"	CR9-6	Knurled O.D.
5/16"	.310"	.880"	.506"	CR9-8	Knurled O.D.
3/8"	.369"	.440"	.506"	CR9-30	Knurled O.D.
3/8"	.369"	.510"	.506"	CR9-27	Knurled O.D.
3/8"	.369"	.630"	.506"	CR9-5	Knurled O.D.

TO SELECT PROPER BUSHING:

1. Determine throttle shaft diameter.
2. Determine length of shaft boss to be bushed.
(Allow approximately 1/16" stock on inside of barrel.)
3. Determine total diameter of shaft boss and use largest diameter bushing which will allow sufficient wall thickness after bushing is installed.

If no proper length is listed for very short boss, longer bushing may be cut off with hacksaw or filed flush after installation.

Always use KNURLED TYPE bushing except in cases where channels must be drilled in bushing.