

Intermediate Size Straight Shank Chuckling Reamers

High Speed Steel
Straight Flute – Right Hand Cut

Alésoir machine

Rima de máquina



List No. 1655I

Size Range .0100" - 1.9999"

Price on Application

Dowel Pin Size Straight Shank Chuckling Reamers

High Speed Steel — Right Hand Cut
Straight Flute

45° Chamfer for reaming of most materials.
Dowel Pin Reamers are produced with increased back taper and a minus diameter tolerance.
Chuckling Reamers are produced with minimal back taper and a plus diameter tolerance.

Alésoir machine

Rima de máquina



List No. 1655D

STANDARD PACKAGE All sizes – 1 each

DIAMETER TOLERANCES +.0000, -.0002

Over / Under Sizes:
Pages 91-93
Decimal Sizes:
Pages 96-99

DECIMAL SIZE	FLUTE LENGTH	OAL	NO. OF FLUTES	EDP NO.
.1230	7/8	3 1/2	4	21561
.1247	7/8	3 1/2	4	21562
.1855	1 1/8	4 1/2	6	21563
.1870	1 1/8	4 1/2	6	21564
.2480	1 1/2	6	6	21565
.2495	1 1/2	6	6	21566
.3105	1 1/2	6	6	21567

DECIMAL SIZE	FLUTE LENGTH	OAL	NO. OF FLUTES	EDP NO.
.3120	1 1/2	6	6	21568
.3730	1 3/4	7	6	21569
.3745	1 3/4	7	6	21570
.4355	1 3/4	7	6	21571
.4370	1 3/4	7	6	21572
.4980	2	8	6	21573
.4995	2	8	6	21574

Reamer Terminology

Machine Chucking Reamer — Used primarily in machines such as turret lathes, transfer lines, numerical control, etc. for production reaming.

Hand Reamer — Used primarily by hand utilizing wrench and driven by the square. Excellent for tool and die work, machine and repair shop. May be machine driven in some cases.

Shank — The part of the reamer which is held and driven.

Neck — The section of reduced diameter between the body and the shank.

Diameter — The diameter over the body of the reamer measured at the point.

Chamfer — The leading cutting edge of the reamer, usually 45°.

Clearance — The relief on the outside diameter of the reamer, usually running to a theoretically sharp edge or cylindrical margin as the material to be reamed dictates.

Flutes — Helical or straight grooves cut or formed in the body of the reamer to permit chip flow and form lands for proper clearance.

Overall Length — The length from the extreme end of the shank to the extreme end of the body section. Does not include conical point when used as in structural reamers.

