

INCH-POUND

A-A-59642
September 1, 2004

COMMERCIAL ITEM DESCRIPTION

DRILL, PNEUMATIC, PORTABLE

1 SCOPE

1.1 **SCOPE.** This Commercial Item Description (CID), describes a hand-held pneumatic drill with a 90 degree angled head that operates from a 90psi air source.

2. SALIENT CHARACTERISTICS

2.1 Description. Equipment covered by this CID shall be commercially available equipment and may be modified to the extent necessary to meet the following description. The pneumatic drill will have a 90 degree angled head and shall only require air supplied at 90psi to operate. The drill will be operated by pressing a lever on the handle. The drill shall be capable of variable speeds determined by a direct relation to how much the lever is pressed. The drill needs to have a 1/4"-28 female threaded spindle, and an 1/4" NPT air inlet. The drill should be ergonomically designed, and should only require the use of one hand to operate.

2.2 Performance. The drill shall have a speed between 2000 and 3500 rpm when no load is applied to it. The minimum stalling torque should be between 28 and 35in-lbs. The drill should be capable of meeting these requirements when 90psi of air is supplied.

2.3 Dimensions and Weight. With exclusions to the height and the side to center distance of the spindle, the size and weight of the equipment shall be consistent with current commercial capabilities. The height of the spindle should not exceed 1.125inches, and the side to center distance should not exceed 0.33inches.

Beneficial comments, recommendations, additions, deletions, clarifications, etc. and any data that may improve this document should be sent to: WR-ALC/LEEE, 295 Byron Street, Robins AFB, GA 31098-1611
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2.4 Manuals. The pneumatic drill shall be delivered with operator and maintenance manuals. Quantity shall be as specified in the contract or order.

3. REGULATORY REQUIREMENTS.

3.1 Recycled recovered materials. The offeror/contractor is encouraged to use recovered materials to the maximum extent practicable, in accordance with paragraph 23.403 of the Federal Acquisition Regulation (FAR).

4. PRODUCT CONFORMANCE PROVISIONS

4.1 Product Conformance. The products provided shall meet the salient characteristics of this CID, conform to the producer's own drawings, specifications, standards and quality assurance practices, and be the same product offered for sale in the commercial marketplace. Small businesses that cannot offer products with established commercial market acceptability may compete by submission of bid samples. The government reserves the right to require proof of such conformance.

5. PACKAGING

5.1 PACKAGING. Preservation, packing, and marking shall be as specified in the contract or order.

6. NOTES.

6.1 Sources of documents.

6.1.1 Government Documents. Military Specifications, Standards, and Handbooks referenced herein may be obtained from the Standardization Documents Order Desk, 700 Robbins Ave, Bldg 4, Section D, Philadelphia, PA 19111-5094.

6.2 Commercial Products. Below is a list on manufacturers and their products that currently meet the requirements of this commercial item description. (Note: This information should not be considered as a list of approved manufacturers or be used to restrict procurement to only the manufacturers shown.)

CAGE	Company/Address	Part Number
00988	Sioux Tools Inc. 250 Sapon Drive Murphy, NC 28906-9033 Phone: (828)835-9765 Fax: (828)835-9765	1AM1411
52369	United Drill Bushing Corp. 12200 Woodruff Avenue Downey, CA 90241-5608 Phone: (800)486-3466 Fax: (800)486-3465	2700-SD2-4602-2222

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4P412	Ingersoll-Rand Company 510 Hester Drive P.O. Box 618 White House, TN 37188-9255 Phone: (615)672-0855 Fax: (615)672-7571	5LK1A1
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MILITARY INTEREST

Custodian:
Air Force – 99

Preparing activity:
Air Force - 84

Agent:
Air Force - 99

(Project No. 5130-0419)

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at www.dodssp.daps.mil.