

COMMERCIAL ITEM DESCRIPTION
DIE, THREAD CUTTING
(RECTANGULAR, TWO-PIECE PIPE DIES)

The General Services Administration has authorized the use of this commercial item description in lieu of Federal Specification GGG-T-581.

This commercial item description covers adjustable, rectangular, two-piece dies for use in diestocks covered by Commercial Item Description A-A-363.

Salient characteristics:

Design. The dies shall consist of two sections with each section having two thread-cutting lands with ample chip clearance between lands. Each section shall have a line marked on its top surface so that when aligned with a similar line on the diestock, the die shall cut threads to gage with American-Standard NPT ring gages. Shall be compatible with Reed Manufacturing Company 2A, 2AR, 3A, or 3AR diestocks, as applicable.

Material. Carbon or alloy tool steel.

Hardness. Rockwell C 56 to 63 along the full length of the cutting edges.

Sizes. Dies shall be furnished in the following sizes:

National Stock Number (NSN)	Thread size, pitch and series	Direction of rotation	Nominal width
5136-00-189-3153	1/8 - 27 NPT	Left hand	1-1/2 in
5136-00-189-3154	1/4 - 18 NPT	Left hand	1-1/2 in
5136-00-189-3155	3/8 - 18 NPT	Left hand	1-1/2 in
5136-00-189-3156	1/2 - 14 NPT	Left hand	1-1/2 in
5136-00-189-3157	3/4 - 14 NPT	Left hand	1-1/2 in
5136-00-189-3159	1/8 - 27 NPT	Right hand	1-1/2 in
5136-00-189-3160	1/4 - 18 NPT	Right hand	1-1/2 in
5136-00-189-3161	3/8 - 18 NPT	Right hand	1-1/2 in
5136-00-189-3162	1/2 - 14 NPT	Right hand	1-1/2 in
5136-00-189-3163	3/4 - 14 NPT	Right hand	1-1/2 in
5136-00-222-2224	1 - 11-1/2 NPT	Right hand	1-1/2 in
5136-00-227-7062	1-1/4 - 11-1/2 NPT	Right hand	2-1/2 in
5136-00-227-7063	1-1/2 - 11-1/2 NPT	Right hand	2-1/2 in
5136-00-227-7064	2 - 11-1/2 NPT	Right hand	2 1/2 in

Die marking. All dies shall be marked in addition to the mating marks required above with manufacturer's name or identifying trademark, the diameter and thread series. Marking shall be legible and permanent.

Workmanship. All dies shall be free from imperfections which may affect their appearance, serviceability, or durability.

Certification. The contractor shall certify that the product offered meets the salient characteristics of this description and that the product conforms to the producer's own drawings, specifications, standards, and quality assurance practices and is the same product offered for sale in the commercial marketplace. The Government reserves the right to require proof of such conformance prior to first delivery and thereafter as may be otherwise provided for under the provisions of the contract.

Recovered materials. The manufacturer shall utilize recovered materials to the maximum extent practicable.

Preservation, packaging, packing, and marking. The preservation, packaging, and packing shall be in accordance with normal commercial practice and shall assure acceptance by common carrier and provide product protection against loss and damage during multiple shipments, handling, and storage. The shipping container shall be in compliance with the National Motor Freight Classification and Uniform Freight Classification. Marking shall be as specified in the contract or order.