

A-A-2329  
September 27, 1985

COMMERCIAL ITEM DESCRIPTION

RASP, HAND, WOOD

The General Services Administration has authorized the use of this commercial item description in preference to Type XXVII, Class 1, Style A and Class 2, Style A of Federal Specification GGG-F-325.

This commercial item description covers hand rasps used for shaping wood items and enlarging openings.

Salient characteristics:

- Material:** Carbon alloy steel.
- Design:** Rasp teeth on each surface. Bastard-cut. Furnished in flat or half-round styles.
- Flat rasp:** Width tapered from head to point. Thickness tapered from heel to point or uniform throughout. Two square edges, each single-cut (one set of parallel cuts on the surface).
- Half-round rasp:** Width and thickness both tapered from heel to point.
- Tang:** Of a conventional shape and size suitable for attachment to a wood handle. Tempered to a maximum hardness of 45 on the Rockwell C scale at a point approximately midway of its length and width.
- Teeth:** Formed by raising portions of the metal from the surface of the blank. Entirely separate from one another. Top of each tooth rounded. Uniformly cut and of uniform height throughout. Cutting surfaces hardened to a uniform hardness. The distance between the heel and point of the rasp, excluding the tang, shall be hardened to not greater than 68 nor less than 64 on the Rockwell C scale. Free from decarburization and brittleness.
- Marking:** Marked with the country of origin and the name of the manufacturer or with a trademark of such known character that the source of manufacture may be readily determined.
- Workmanship:** The teeth of the rasp shall be well-defined, sharp, and uniform in height and form. There shall be no evidence of rust or other defect which may impair serviceability, durability, or appearance.

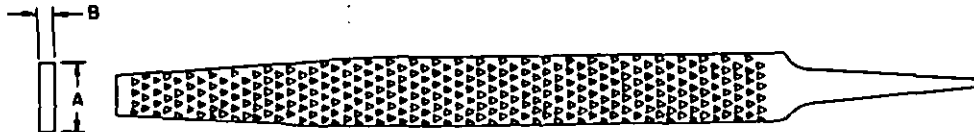


FIGURE 1  
 Flat

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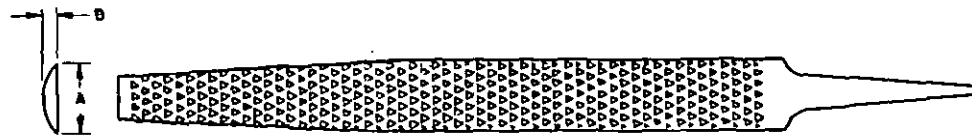


FIGURE 2  
Half-round

National Stock Number	Length Inches	Dimensions at largest section		Teeth per row	Rows per inch	Allowable distortion (maximum) Inch	Allowable warpage (maximum) Degrees
		A Inches	B Inch				
Flat							
5110-00-233-9721	10	1	11/32	7	5-3/4	0.020	3
5110-00-233-9718	12	1-3/16	13/32	7	5-1/4	.020	3

National Stock Number	Length Inches	Dimensions at largest section		Back		Flat		Allowable warpage (maximum) Degrees
		A Inches	B Inch	Teeth per row	Rows per inch	Teeth per row	Rows per inch	
Half-round								
5110-00-233-9710	8	13/16	5/16	8	6-2/3	7	6-2/3	4
5110-00-233-9711	10	1	13/32	8	5-3/4	7	5-3/4	4
5110-00-233-9712	12	1-3/16	15/32	8	5-1/4	7	5-1/4	4
5110-00-233-9713	14	1-3/8	17/32	9	4-3/4	7	4-3/4	4

Length dimension: Measured from the point (free or front end) to the heel (junction of the tang with the body of the rasp) and have a tolerance of plus or minus 1/8 inch.

Tolerance: Width (A) - plus or minus 1/8 inch.  
Thickness (B) - plus or minus 1/8 inch.  
Rasp teeth - plus or minus one tooth per row and one row per inch.

Regulatory requirements. In accordance with the section 23.403 of the Federal Acquisition Regulations, the Government's policy is to acquire items composed of the highest percentage of recovered materials practicable, consistent with maintaining a satisfactory level of competition without adversely affecting performance requirements or exposing suppliers' employees to undue hazards from the recovered materials.

Preservation, packaging, packing, labeling, and marking. The preservation, packaging, packing, labeling, and marking shall be as specified in the contract or order.

PREPARING ACTIVITY:

GSA-FSS