

ICS 01.040.25
CCS J 48;J84



**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 6247.1-2013

Replacing GB/T 6247-2004

**Rock drilling machines and portable power tools -- Terminology
-- Part 1: Rock drilling machines, pneumatic tools and machines**

凿岩机械与便携式动力工具 术语 第1部分：凿岩机械、气动工具和气动机械

(English Translation)

Issued on: December 31, 2013

Implemented on: October 1, 2014

Issued by: Standardization Administration of China

Table of Contents

Introduction

1 Scope

2 Normative references

3 Generic term

4 Drilling machines

5 And removing the molding material with a pneumatic tool

6 Assembly with a pneumatic tool

7 Pressing tool

8 And withhold cutting tool

With pneumatic lift 9

10 Pneumatic vibrator

11 Was stirred with a pneumatic tool

12 Air motor

13 Other

Appendix A (informative) of this section and the ISO 5391:2003 as compared to structural changes in

Annex B (informative) of this section and the ISO 5391:2003 technical differences and their causes

Index

Foreword

GB/T 6247 "drilling machines and portable power tools - term" is divided into four parts.

--- Part 1. drilling machines, pneumatic tools and machinery;

--- Part 2. hydraulic tools;

--- Part 3. parts and bodies;

--- Part 4. Performance test.

This section GB/T 16247 Part of.

This section drafted in accordance with GB/T 1.1-2009 given rules.

This Part replaces GB/T 6247-2004 "drilling machines and pneumatic tools term." This section compared with GB/T 6247-2004, the main technical content changes outside

except editorial changes as follows.

--- Remove the parts and bodies, performance tests and other terms related to drilling machines and pneumatic tools, the content will be included separately to GB/T 6247.3 and GB/T 6247.4 (see Chapter 4, 2004 edition, Chapter 5 and Chapter 6);

--- Increased Chapter 2, "Normative references";

--- According to the product works have been reclassified;

--- Remove the hydraulic rock drill, hydraulic rock drill, hand-held high-frequency rock drill, hand-held underwater drilling machines, high-frequency air leg rock drill, Up type lateral drilling machine, drilling machine up high-frequency, rail drilling machine, rail hydraulic drilling machine, electric rail cutting Rock drill, drill joint car, car underwater drilling, DTH drill rig, rotary drilling, rig single column, double-column drilling rig, impactor crusher, impact crusher Machines, pneumatic impact crusher, hydraulic impact crusher, pistol grip eccentric pneumatic riveting machines, pneumatic belt machine, pneumatic craniotomy drill, pneumatic Dental drill, pneumatic shears, pneumatic carpet shear, pneumatic and other floating pry term (see the 2004 version 2.4,2.5,3.2,3.4,3.7,3.10, 3.11,3.13,3.17,3.20,3.25,3.34,3.40,3.46,3.53,3.54,3.61,3.62,3.63,3.64,3.77,3.101, 3.111,3.112,3.138,3.139,3.166);

--- Increased reciprocating pneumatic tools and compression tools terminology (3.11,3.15 see Part 3 of this chapter);

--- Increasing the dry rock, wet rock drill, gas coal drill coal drill terms and flameproof (see 4.1.1, 4.1.2 Part 4 of this chapter, 4.3.6.1,4.3.6.2);

--- Increased heavy gas drilling, rotary pneumatic grinder, pneumatic grinder skateboard, double pneumatic grinder, pneumatic polishing straight Machines, belt pneumatic grinder, pneumatic grinder triangle, straight shank with a pneumatic die grinder, angle pneumatic die grinder, Reciprocating gas rasp, rasp rotary gas, pneumatic wire brush, fine pneumatic saws, power saws arcuate, reciprocating gas or trimming shears, pneumatic tank Planing, pneumatic engraving pen, pneumatic chiseling machine, pneumatic stone hammers, pneumatic tamping machine, pneumatic tamping sand, pneumatic rotary hammers, pneumatic gun small hole drilling, Drilling assembly manual feed drilling assembly, automatic feed drilling assembly, tapping assembly, grinding, assembly, fixed plate piling machine, solid Fixed hammers, drilling machine, rail drilling machine, car crusher and other terms (see section 5.1.1.4 of this chapter 5, 5.1.4.1,5.1.4.2,5.1.4.3,5.1.4.4,5.1.4.5,5.1.4.7,5.1.5.1,5.1.5.2,5.1.6.1,5.1.6.2,5.1.7, 5.1.8.5,5.1.8.6,5.1.10,5.1.12,5.2.3.2,5.2.4.5,5.2.5,5.2.7,5.2.8,5.3.1,5.3.2,5.4.1,5.4. 1.1 5.4.1.2,5.4.2,5.4.3,5.5.1,5.5.2,5.5.4,5.5.4.1,5.5.5);

--- Increased straight handle pneumatic screwdrivers, pneumatic pistol grip screwdrivers, angle pneumatic screwdrivers, pneumatic screwdriver stall, clutch-type gas Screwdrivers,

automatic clutch pneumatic screwdrivers, pneumatic screwdriver sliding clutch, self-closing pneumatic screwdrivers, pneumatic pressure Kai Lo Wire cutter, a fastener feeding pneumatic screwdrivers, air pistol grip trigger pure torsion, pure torsion angle type gas trigger, stall-type pure torsion-type gas trigger, Clutch type pure torsion-type gas trigger, self-closing type pure torsion-type gas trigger, two-speed type pure torsion type gas trigger, pneumatic wrenches stud, jaw sleeve pure Twist-type gas trigger, open jaw type gas trigger sleeve pure torsion, closed jaw type gas trigger sleeve pure torsion, straight handle pneumatic fastener safety Installation tool, pistol grip pneumatic fastener installation tool, stopper-type gas trigger, pulse trigger gas, gas trigger pulse straight handle, grip Pulse trigger gas, gas trigger pulse angle, self-closing type gas trigger pulse, non-self-closing type gas trigger pulse, electrical impulse-controlled gas wrench Machines, single-shot pneumatic rivet machines and other terms (see Section 6

6.1.1.1,6.1.1.2,6.1.1.3,6.1.1.4,6.1.1.5 this chapter,
6.1.1.6,6.1.1.7,6.1.1.8,6.1.1.9,6.1.1.10,6.1.2.1,6.1.2.2,6.1.2.3,6.1.2.4,6.1.2.5,6.1.2.6,
6.1.2.10,6.1.3,6.1.3.1,6.1.3.2,6.1.4,6.1.5,6.1.6,6.3.1,6.3.2,6.3.3,6.3.4,6.3.5,6.3. 6,6.3.7,
6.4.2);

--- Increasing the term extrusion tool (see Chapter 7 of this section);

--- Increasing the cutting tool and withhold term (see Section 8 of this chapter);

--- Increasing the immersion pneumatic vibrator/rods term (see Chapter 10 of this section 10.3);

--- Increased stirred with a pneumatic tool term (see Part 11);

--- Increasing the rotary pneumatic pumps, pneumatic piston pump, pneumatic slurry pumps, air purge guns, grit or shot blasting machine, spray gun, etc. terms (See Section 13 of this chapter 13.1.1,13.1.2,13.1.3,13.2,13.3,13.4);

--- Increasing the product (see Figure 1 - Figure 73).

This section uses redrafted law revision using ISO 5391:2003 "pneumatic tools and machinery vocabulary." this part of ISO 5391:2003, compared with more adjustment in the structure, listed in Appendix A of this part of the ISO 5391:2003's Reg number control list.

This part of ISO 5391:2003 technical differences exist compared to the terms of these differences has been involved through its outer margin bits Opposed to a single vertical line (|) have been marked, in Appendix B gives the corresponding list of technical differences and their causes.

This part is proposed by China Machinery Industry Federation.

This part of the drilling machines and pneumatic tools by the National Standardization Technical Committee (SAC/TC173) centralized.

This section is drafted. Tianshui pneumatic drilling machines Tool Research Institute,

CRIMM limited liability company.

1 Scope

GB/T 6247 This section defines the terminology of various types of drilling machines, pneumatic tools and machinery and its relevant annexes. the term Divided into categories according to the generic term, Zaoyanjixie term, pneumatic tools to remove or material terms forming, pneumatic tools for assembly term, pressing tool operation Language, and cutting tools withhold terminology, pneumatic lifting machinery terminology, pneumatic vibrator term, stirred with pneumatic tools terminology, and the air motor His term tool.

NOTE: In the field of pneumatic tools, the term "tool" and "machine" use may be confusing, "pneumatic tools" for handheld machines, and "pneumatic machinery" generally for hanging or stationary use larger machines. However, the term "tool" is also used to install on the machine spindle insert drill, file, chisel.

To distinguish pneumatic tools and insertion tool, the term "power tool" can be used to the former.

This section applies to drilling machines, pneumatic tools and machinery products.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

GB/T 6247.3-2013 drilling machines and portable power tools - Terminology - Part 3. Parts and agencies

3 Generic term

Definitions The following terms of reference of the GB/T 6247.3-2013 term parts and bodies, as well as the following terms are defined.

Drilling machines rockdrilingmachine Drill holes for drilling machinery.

Rock drill rockdril

On rocks or brittle materials such as concrete perforated rotary impact power tool.

Drill drilwagon; jumbo; rig Mounted drilling machine (3.2) diamond drill holes car.

Drilling robot rock-drilingrobot Controlled by a computer program drill rig operation process (3.3).

Dril rig