

JIS

JAPANESE INDUSTRIAL STANDARD

Single point tools--Vocabulary

JIS B 0107-1991

Translation without guarantee
In the event of any doubt arising, the original
standard in Japanese is to be evidence

Translated

by

Japanese Standards Association

1-24, Akasaka 4, Minato-ku
Tokyo 107 Japan

© JSA, 1992

PROTECTED BY COPYRIGHT

JAPANESE INDUSTRIAL STANDARD

J I S

Single point tools - Vocabulary

B 0107-1991

1. Scope

This Japanese Industrial Standard specifies the terms and definitions thereof relating to single point tools ⁽¹⁾ generally used mainly for metal cutting.

Note ⁽¹⁾ The tools, having cutting edges at the ends of the shanks or bodies which are used in a lathe, boring machine, planer, shaper, slotter, etc.

Remarks: The applicable standards to this Standard are the following:

JIS B 4105-Single Point Tools with Cemented Carbide Tips

JIS B 4151-Ground High Speed Steel Tool Bits

JIS B 4152-High Speed Steel Tipped Tools

2. Classification

The classification of terms for single point tools shall be in accordance with the following:

(1) Types of single point tools

(1.1) Classification by cutting-part materials and surface treatments

(1.2) Classification by structures

(1.3) Classification by machine tools used

(1.4) Classification by shapes of shank (attaching part)

(1.5) Classification by functions or uses

(a) Classification by workpieces and shapes

(b) Classification by shapes near cutting parts

(c) Classification by elements

(d) Classification by uses

(2) Elements of single point tools(3) Angles of single point tools(4) Accuracies of single point tools(5) Damage at cutting parts of single point parts(6) Terms relating to cutting actions of single point tools