
Parametric Technology Corporation

Pro/ENGINEER®

**JIS FASTENERS
LIBRARY™**

U01091295

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PREFACE

The Pro/ENGINEER[®] User Guides describe all of Pro/ENGINEER's functionality and how it is used. They have common structure and style conventions, described below.

The manuals are designed with two purposes in mind:

- To help you quickly learn to make productive use of Pro/ENGINEER
- To describe the more advanced uses of the system

It has been assumed that you are familiar with your workstation, and have some knowledge of your operating system.

Pro/ENGINEER DOCUMENTATION

Documentation is divided into several manuals which together comprise a comprehensive guide to Pro/ENGINEER. Each manual deals with a major function of the software, and you can usually find which manual you need by first looking at the title. If not, there are indices corresponding to each book, and there is also a Master Indices that indexes the entire Pro/ENGINEER document family.

A complete list of Pro/ENGINEER user guides can be found in Chapter 1 of the "Fundamentals of Pro/ENGINEER".

USING THESE MANUALS

To find information in the manuals quickly, become familiar with the aids provided:

- Table of Contents - A Table of Contents is provided at the beginning of each document with all chapter titles and the section headings of each chapter. Use the Table of Contents to familiarize yourself with the layout of each document.
- Labels - Interspersed along the left side of pages are labels. They are for locating information within a general section of the Guide by quickly scanning the column.
- Bleeding Tabs - Chapter headings, on bleeding tabs, are on the right side of each page. These help you quickly locate a particular chapter of the document.
- Indices - Indices containing Pro/ENGINEER commands and keywords are provided for every document.
- Master Indices - A master index of commands and keywords is provided showing the document and page number where the item is located.

CONVENTIONS

To clarify the discussion of various topics, the following conventions have been employed throughout all the manuals:

Boldface	Type indicates a menu option (Part). However, only when the name refers to the actual option will it appear in bold type.
UPPERCASE	Indicates the name of a menu (PART).
[Bolt]	When you need to enter information using the keyboard, it will appear [between two brackets in courier font like this]. Type everything between the square brackets exactly as shown.
<CR>	Words between the <> symbol indicate the name of a keyboard key.
<i>Reference</i>	When referencing other sections of the document, it will appear in <i>italics like this</i> . Italics typeface is also used for file names and C aspects.
<i>Emphasis</i>	When something is being emphasized, it will appear in <i>bold italics like this</i> . Bold italics typeface is also used for directory paths.

NOTE: Important information that should not be overlooked will appear in notes like this.

All mouse clicks assume that the mouse has been configured as right-handed.

COMMON TERMS

There are a few very important terms that are used frequently in the User Guide; they are defined here. A full glossary of Pro/ENGINEER terms appears in Appendix A of “Fundamentals of Pro/ENGINEER”.

Choose -	Select a menu option by placing the arrow cursor on the option, and when it is highlighted, pressing the left mouse button.
Element -	An Element describes redefinable characteristics of a feature in a model.
Mode -	An environment in which Pro/ENGINEER allows you to perform a certain group of closely related functions (e.g. Drawing).
Model -	A part or an assembly.
Object -	An assembly, part, drawing, format, layout, case study, sketch, etc.
option -	An item in a menu or an entry in a configuration or setup file.
Option -	Options describe non-redefinable characteristics of a feature, such as its form (extrude, revolve, etc.) and whether the feature will be solid or thin.
Pick -	Select an item on the screen by clicking the left mouse button.

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THE JIS FASTENERS LIBRARY

The JIS FASTENERS LIBRARY is a collection of common fasteners and parts that conform to the Japanese Industrial Standard (JIS). These parts are retrievable using common callouts and are ready to use in assemblies. Note that some of the parts conform to the Japanese standard only, while others conform to both the JIS and ISO standards. This library is available in both Japanese and English, and is located in *<prolib_loadpoint>/objlib/jisfastlib*, where *<prolib_loadpoint>* is the loadpoint of the libraries.

CONTENTS OF THE JIS FASTENERS LIBRARY CATALOG

The *JIS FASTENERS LIBRARY Catalog* contains illustrations of all the JIS parts and all the information necessary to find and use any part.

At the beginning of the catalog is the Table of Contents that lists, by name and description, all the JIS parts. Refer to this when searching for a particular item.

You can also browse the JIS library using the yellow one-line help appearing in the Message Window of Pro/ENGINEER. When your mouse cursor is over a menu item of the library, whether a directory or part name, the system displays the contents of the highlighted item.

Figure 1-1 shows the directory structure of the JIS library. Note that the figure shows directories and subdirectories only: see the appropriate chapters for the individual parts.

THE JIS FASTENERS LIBRARY

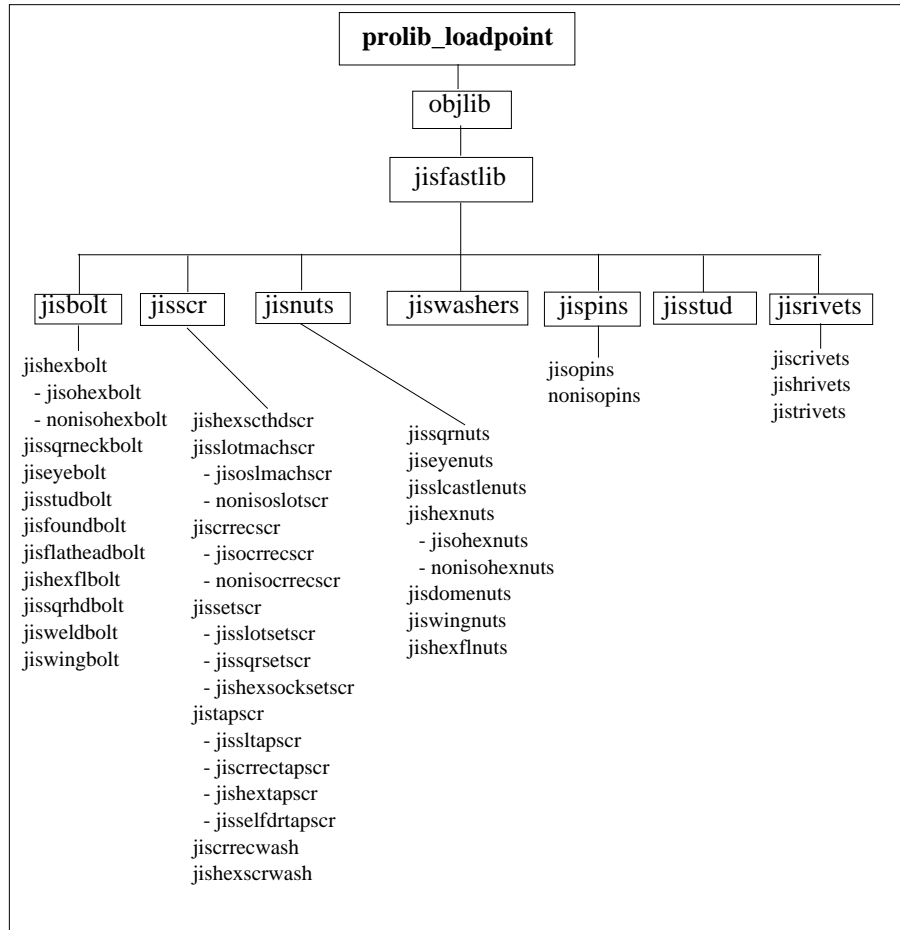


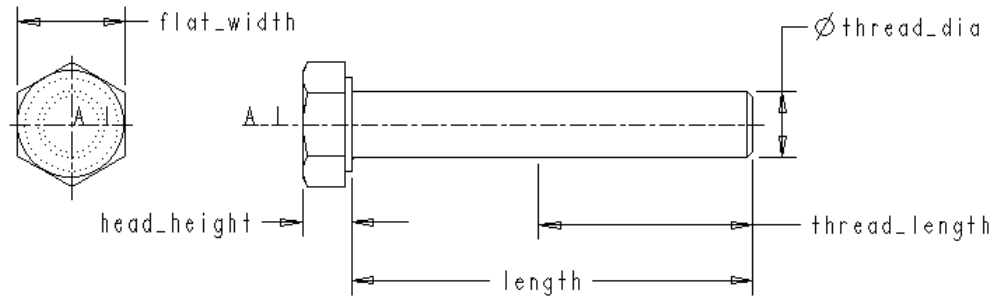
Figure 1-1
Directory Structure of the JIS LIBRARY

SECTION I
BOLTS

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EXTERNAL DRIVE HEX HEAD BOLTS

HEX HEAD BOLTS, NOMINAL DIAMETER BODY, GRADE A



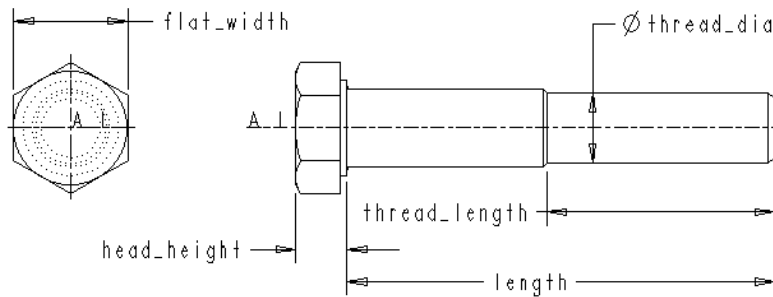
Generic Part Name: JHHBA

Notes:

1. Corresponds to standards ISO 4014 - 1988 and JIS B 1180.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL _DIA_THR _PITCH	thread_ dia	flat_ width	head_ height	length	thread_ length
JHHBA01	M3X.5	3.0000	5.5000	2.1250	20, 25, 30	12
JHHBA02	M4X.7	4.0000	7.0000	2.9250	25, 30, 35, 40	14
JHHBA03	M5X0.8	5.0000	8.0000	3.6500	25 to 50 by 5	16
JHHBA04	M6X1	6.0000	10.0000	4.1500	30 to 60 by 5	18
JHHBA05	M8X1.25	8.0000	13.0000	5.4500	35 to 70 by 5, 80	22
JHHBA06	M10X1.5	10.0000	16.0000	6.5800	40 to 70 by 5, 80, 90, 100	26
JHHBA07	M12X1.75	12.0000	18.0000	7.6800	45 to 70 by 5, 80 to 120 by 10	30
JHHBA08	M16X2	16.0000	24.0000	10.1800	55, 60, 65, 70, 80 to 150 by 10	38, 44
JHHBA09	M20X2.5	20.0000	30.0000	12.7150	65, 70 to 150 by 10	46, 52
JHHBA10	M24X3	24.0000	36.0000	15.2150	80 to 150 by 10	54, 60

HEX HEAD BOLTS, NOMINAL DIAMETER BODY, GRADE B



Generic Part Name: JHHBB

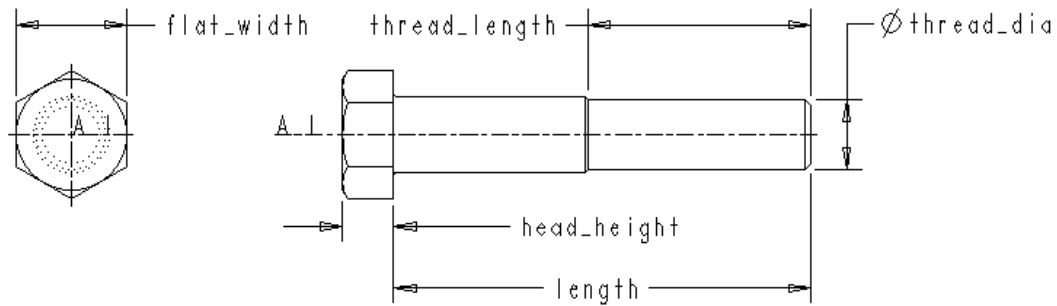
Notes:

1. Corresponds to standards ISO 4014 - 1988 and JIS B 1180.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL _DIA_THR _PITCH	thread_ dia	flat_ width	head_ height	length	thread_ length
JHHBB01	M5X0.8	5.0000	8.0000	3.8750	25 to 50 by 5	16
JHHBB02	M6X1	6.0000	10.0000	4.3750	30 to 50 by 5, 60	18
JHHBB03	M8X1.25	8.0000	13.0000	5.6750	35 to 70 by 5, 80	22
JHHBB04	M10X1.5	10.0000	16.0000	6.8500	40 to 70 by 5, 80, 90, 100	26
JHHBB05	M12X1.75	12.0000	18.0000	7.9500	45 to 70 by 5, 80, 90, 100, 110, 120	30
JHHBB06	M16X2	16.0000	24.0000	10.7500	55 to 70 by 5, 80 to 160 by 10	38, 44
JHHBB07	M20X2.5	20.0000	30.0000	13.4000	65, 70 to 160 by 10, 180, 200	46, 52
JHHBB08	M24X3	24.0000	36.0000	15.9000	80 to 160 by 10, 180 to 240 by 20	54, 60, 73
JHHBB09	M30X3.5	30.0000	46.0000	19.7500	90 to 160 by 10, 180 to 300 by 20	66, 72, 85
JHHBB10	M36X4	36.0000	55.0000	23.5500	110 to 160 by 10, 180 to 300 by 20	78, 84, 97

ISO EXTERNAL DRIVE HEX HEAD BOLTS

HEX HEAD BOLTS, NOMINAL DIAMETER BODY, GRADE C



Generic Part Name: JHHBC

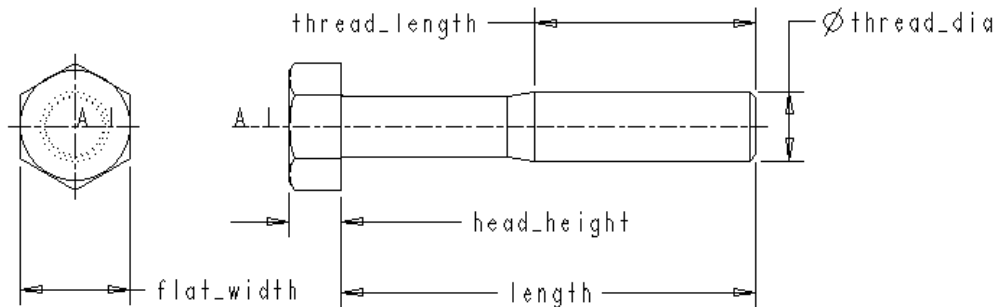
Notes:

1. Corresponds to standards ISO 4016 - 1988 and JIS B 1180.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL _DIA_THR _PITCH	thread_ dia	flat_ width	head_ height	length	thread_ length
JHHBC01	M5X0.8	5.0000	8.0000	3.8750	25 to 50 by 5	16
JHHBC02	M6X1	6.0000	10.0000	4.3750	30 to 50 by 5, 60	18
JHHBC03	M8X1.25	8.0000	13.0000	5.6750	35 to 70 by 5, 80	22
JHHBC04	M10X1.5	10.0000	16.0000	6.8500	40 to 70 by 5, 80, 90, 100	26
JHHBC05	M12X1.75	12.0000	18.0000	7.9500	45 to 70 by 5, 80 to 120 by 10	30
JHHBC06	M16X2	16.0000	24.0000	10.7500	55 to 70 by 5, 80 to 160 by 10	38, 44
JHHBC07	M20X2.5	20.0000	30.0000	13.4000	65, 70 to 160 by 10, 180, 200	46, 52
JHHBC08	M24X3	24.0000	36.0000	15.9000	80 to 160 by 10, 180 to 240 by 20	54, 60, 73
JHHBC09	M30X3.5	30.0000	46.0000	19.7500	90 to 160 by 10, 180 to 300 by 20	66, 72, 85
JHHBC10	M36X4	36.0000	55.0000	23.5500	110 to 160 by 10, 180 to 300 by 20	78, 84, 97

ISO EXTERNAL DRIVE HEX HEAD BOLTS

HEX HEAD BOLTS, PITCH DIAMETER BODY



Generic Part Name: JHHBR

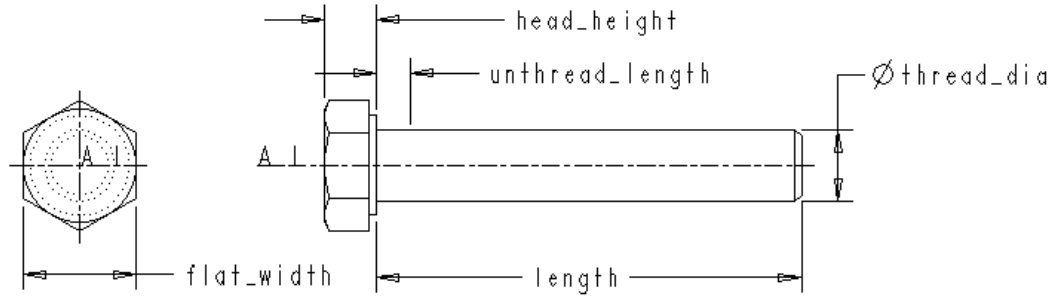
Notes:

1. Corresponds to standards ISO 4015 - 1979 and JIS B 1180.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL _DIA_THR _PITCH	thread_ dia	flat_ width	head_ height	length	thread_ length
JHHBR01	M3X.5	3.0000	5.5000	2.2000	20, 25, 30	12
JHHBR02	M4X.7	4.0000	7.0000	3.0000	20 to 40 by 5	14
JHHBR03	M5X0.8	5.0000	8.0000	3.7400	25 to 50 by 5	16
JHHBR04	M6X1	6.0000	10.0000	4.2400	25 to 50 by 5, 60	18
JHHBR05	M8X1.25	8.0000	13.0000	5.5400	30 to 60 by 5, 70, 80	22
JHHBR06	M10X1.5	10.0000	16.0000	6.6900	40 to 70 by 5, 80, 90, 100	26
JHHBR07	M12X1.75	12.0000	18.0000	7.7900	45 to 70 by 5, 80 to 120 by 10	30
JHHBR08	M16X2	16.0000	24.0000	10.2900	55 to 70 by 5, 80 to 150 by 10	38, 44
JHHBR09	M20X2.5	20.0000	30.0000	12.8500	65, 70 to 150 by 10	46, 52

ISO EXTERNAL DRIVE HEX HEAD BOLTS

HEX HEAD BOLTS, TOTALLY THREADED SHANK, GRADE A



Generic Part Name: JHTBA

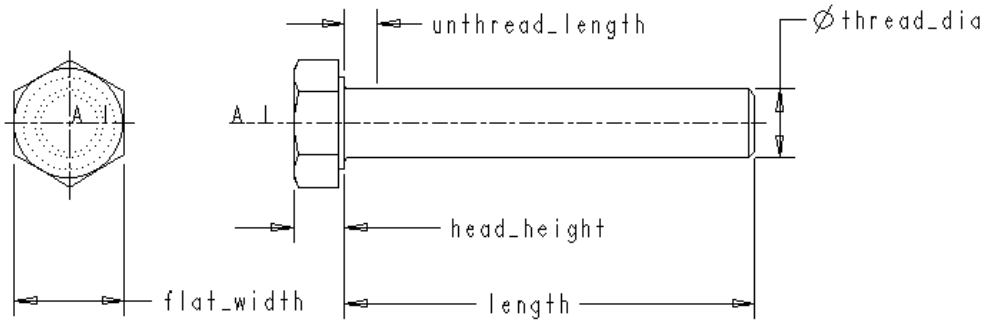
Notes:

1. Corresponds to standards ISO 4017 and JIS B 1180.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL _DIA_THR _PITCH	thread_ dia	flat_ width	head_ height	unthread_ length	length
JHTBA01	M3X.5	3.0000	5.5000	2.1250	1.50000	6 to 12 by 2, 16, 20, 25, 30
JHTBA02	M4X.7	4.0000	7.0000	2.9250	2.10000	8, 10, 12, 16, 20 to 40 by 5
JHTBA03	M5X0.8	5.0000	8.0000	3.6500	2.40000	10, 12, 16, 20 to 50 by 5
JHTBA04	M6X1	6.0000	10.0000	4.1500	3.00000	12, 16, 20 to 60 by 5
JHTBA05	M8X1.25	8.0000	13.0000	5.4500	3.75000	16, 20 to 70 by 5, 80
JHTBA06	M10X1.5	10.0000	16.0000	6.5800	4.50000	20 to 70 by 5, 80, 90, 100
JHTBA07	M12X1.75	12.0000	18.0000	7.6800	5.25000	25 to 70 by 5, 80, 90, 100
JHTBA08	M16X2	16.0000	24.0000	10.1800	6.00000	35 to 70 by 5, 80, 90, 100
JHTBA09	M20X2.5	20.0000	30.0000	12.7150	7.50000	40 to 70 by 5, 80, 90, 100
JHTBA10	M24X3	24.0000	36.0000	15.2150	9.00000	40 to 70 by 5, 80, 90, 100

ISO EXTERNAL DRIVE HEX HEAD BOLTS

HEX HEAD BOLTS, TOTALLY THREADED SHANK, GRADE B



Generic Part Name: JHTBB

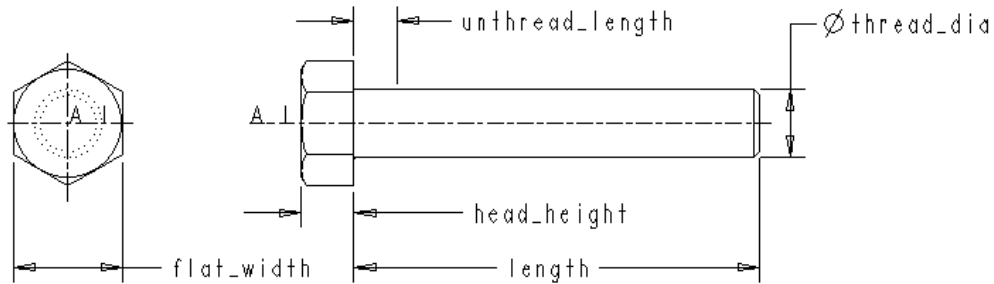
Notes:

1. Corresponds to standards ISO 4017 and JIS B 1180.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL DIA_THR PITCH	thread_ dia	flat_ width	head_ height	unthread_ length	length
JHTBB01	M5X0.8	5.0000	8.0000	3.7400	2.4000	10, 12, 16, 20 to 70 by 5, 80, 90, 100
JHTBB02	M6X1	6.0000	10.0000	4.2400	3.0000	12, 16, 20 to 70 by 5, 80, 90, 100
JHTBB03	M8X1.25	8.0000	13.0000	5.5400	3.7500	16, 20 to 70 by 5, 80, 90, 100
JHTBB04	M10X1.5	10.0000	16.0000	6.6900	4.5000	20 to 70 by 5, 80, 90, 100
JHTBB05	M12X1.75	12.0000	18.0000	7.7900	5.2500	25 to 70 by 5, 80, 90, 100
JHTBB06	M16X2	16.0000	24.0000	10.2900	6.0000	35 to 70 by 5, 80, 90, 100
JHTBB07	M20X2.5	20.0000	30.0000	12.8500	7.5000	40 to 70 by 5, 80, 90, 100
JHTBB08	M24X3	24.0000	36.0000	15.3500	9.0000	40 to 70 by 5, 80, 90, 100
JHTBB09	M30X3.5	30.0000	46.0000	19.2000	10.5000	40 to 70 by 5, 80, 90, 100
JHTBB10	M36X4	36.0000	55.0000	22.9200	12.0000	40 to 70 by 5, 80, 90, 100

ISO EXTERNAL DRIVE HEX HEAD BOLTS

HEX HEAD BOLTS, TOTALLY THREADED SHANK, GRADE C



Generic Part Name: JHTBC

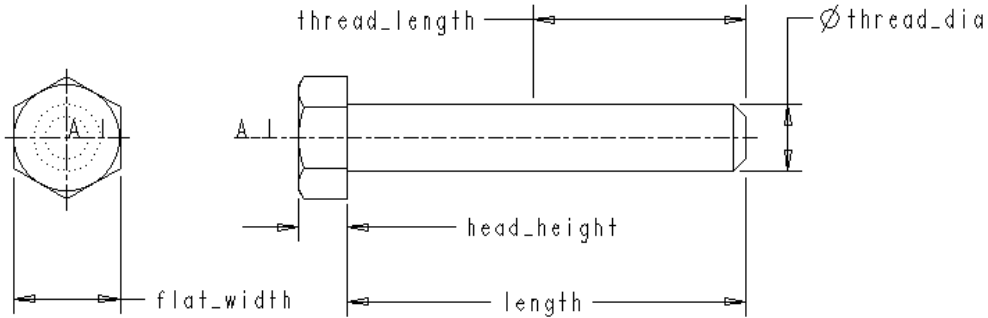
Notes:

1. Corresponds to standards ISO 4018 and JIS B 1180.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL DIA_THR _PITCH	thread_ dia	flat_ width	head_ height	unthread_ length	length
JHTBC01	M5X0.8	5.0000	8.0000	3.8800	3.2000	10, 12, 16, 20 to 40 by 5
JHTBC02	M6X1	6.0000	10.0000	4.3800	4.0000	12, 16, 20 to 50 by 5
JHTBC03	M8X1.25	8.0000	13.0000	5.6800	5.0000	16, 20 to 65 by 5
JHTBC04	M10X1.5	10.0000	16.0000	6.8500	6.0000	20 to 70 by 5, 80
JHTBC05	M12X1.75	12.0000	18.0000	7.9500	7.0000	25 to 70 by 5, 80, 90, 100
JHTBC06	M16X2	16.0000	24.0000	10.7500	8.0000	35 to 70 by 5, 80, 90, 100
JHTBC07	M20X2.5	20.0000	30.0000	13.4000	10.0000	40 to 70 by 5, 80, 90, 100
JHTBC08	M24X3	24.0000	36.0000	15.9000	12.0000	50 to 70 by 5, 80, 90, 100
JHTBC09	M30X3.5	30.0000	46.0000	19.7500	14.0000	60, 65, 70 to 100 by 10
JHTBC10	M36X4	36.0000	55.0000	23.5500	16.0000	70 to 100 by 10

NON-ISO EXTERNAL DRIVE HEX HEAD BOLTS

HEX HEAD BOLTS, FINISHED



Generic Part Name: JHHBF

Notes:

1. Corresponds to standard JIS B 1180.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL _DIA_THR _PITCH	thread_ dia	flat_ width	head_ height	length	thread_ length
JHHBF01	M3X.5	3.0000	5.500	2.0000	5, 6, 8 to 16 by 2, 20, 25, 30	3.5, 4.5, 6.5, 8.5, 10.5, 12
JHHBF02	M4X.7	4.0000	7.000	2.8000	6 to 16 by 2, 20 to 40 by 5	3.9 to 13.9 by 2, 14
JHHBF03	M5X0.8	5.0000	8.000	3.5000	8 to 16 by 2, 20 to 50 by 5	5.6 to 13.6 by 2, 16
JHHBF04	M6X1	6.0000	10.000	4.0000	8 to 16 by 2, 20 to 70 by 5	5 to 13 by 2, 17, 18
JHHBF05	M8X1.25	8.0000	13.000	5.5000	12, 14, 16, 20 to 90 by 5, 100	8.25, 10.25, 12.25, 16.25, 21.25, 22
JHHBF06	M10X1.5	10.0000	16.000	7.0000	14, 16, 20 to 90 by 5, 100	9.5, 11.5, 15.5, 20.5, 25.5, 26
JHHBF07	M12X1.75	12.0000	18.000	8.0000	20 to 90 by 5, 100 to 140 by 10	14.75 to 29.75 by 5, 30, 36
JHHBF08	M16X2	16.0000	24.000	10.0000	20 to 90 by 5, 100 to 140 by 10	14 to 34 by 5, 38, 44
JHHBF09	M20X2.5	20.0000	30.000	13.0000	25 to 90 by 5, 100 to 200 by 10	17.5 to 42.5 by 5, 46, 52

NON-ISO EXTERNAL DRIVE HEX HEAD BOLTS

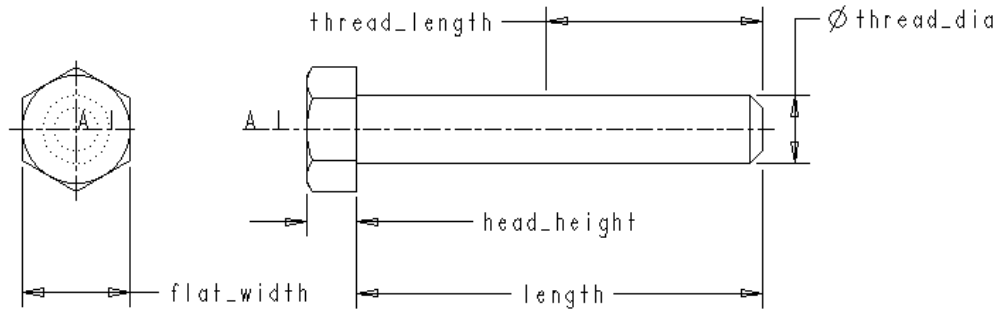
Name	NOMINAL _DIA_THR _PITCH	thread_ dia	flat_ width	head_ height	length	thread_ length
JHHBF10	M24X3	24.0000	36.000	15.0000	30 to 90 by 5, 100 to 200 by 10	21 to 51 by 5, 54, 60
JHHBF11	M30X3.5	30.0000	46.000	19.0000	40 to 90 by 5, 100 to 200 by 10, 220, 240	29.5 to 64.5 by 5, 66, 72, 85
JHHBF12	M36X4	36.0000	55.000	23.0000	50 to 90 by 5, 100 to 200 by 10, 220, 240	38 to 78 by 5, 84, 97
JHHBF13	M42X4.5	42.0000	65.000	26.0000	55 to 90 by 5, 100 to 200 by 10, 220 to 300 by 20, 325	41.5 to 76.5 by 5, 86.5, 90, 96, 109
JHHBF14	M48X5	48.0000	75.000	30.0000	60 to 90 by 5, 100 to 200 by 10, 220 to 300 by 20, 325	45 to 75 by 5, 85, 95, 102, 108, 121
JHHBF15	M56X5.5	56.0000	85.000	35.0000	130 to 200 by 10, 220 to 300 by 20, 325 to 400 by 25	113.5, 124, 137
JHHBF16	M64X6	64.0000	95.000	40.0000	130 to 200 by 10, 220 to 300 by 20, 325 to 400 by 25	112, 122, 132, 140, 153
JHHBF17	M8X1	8.0000	13.000	5.5000	12, 14, 16, 20 to 90 by 5, 100	9, 11, 13, 17, 22
JHHBF18	M10X1.25	10.0000	16.000	7.0000	14, 16, 20 to 90 by 5, 100	10.25, 12.25, 16.25, 21.25, 26
JHHBF19	M12X1.25	12.0000	18.000	8.0000	20 to 90 by 5, 100 to 140 by 10	16.25, 21.25, 26.25, 30, 36
JHHBF20	M16X1.5	16.0000	24.000	10.0000	20 to 90 by 5, 100 to 140 by 10	15.5 to 35.5 by 5, 38, 44
JHHBF21	M20X1.5	20.0000	30.000	13.0000	25 to 90 by 5, 100 to 200 by 10	20.5 to 45.5 by 5, 46, 52
JHHBF22	M24X2	24.0000	36.000	15.0000	30 to 90 by 5, 100 to 200 by 10	24 to 54 by 5, 60
JHHBF23	M30X2	30.0000	46.000	19.0000	40 to 90 by 5, 100 to 200 by 10, 220, 240	34 to 64 by 5, 66, 72, 85
JHHBF24	M36X3	36.0000	55.000	23.0000	50 to 90 by 5, 100 to 200 by 10, 220, 240	41 to 76 by 5, 78, 84, 97

NON-ISO EXTERNAL DRIVE HEX HEAD BOLTS

Name	NOMINAL _DIA_THR _PITCH	thread_ dia	flat_ width	head_ height	length	thread_ length
JHHBF25	M72X6	72.0000	105.000	45.0000	130 to 200 by 10, 220 to 300 by 20, 325 to 400 by 25	112 to 152 by 10, 156, 169
JHHBF26	M80X6	80.0000	115.000	50.0000	130 to 200 by 10, 220 to 300 by 20, 325 to 400 by 25	112 to 172 by 10, 185

NON-ISO EXTERNAL DRIVE HEX HEAD BOLTS

HEX HEAD BOLTS, SEMI-FINISHED



Generic Part Name: JHBSF

Notes:

1. Corresponds to standard JIS B 1180.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”

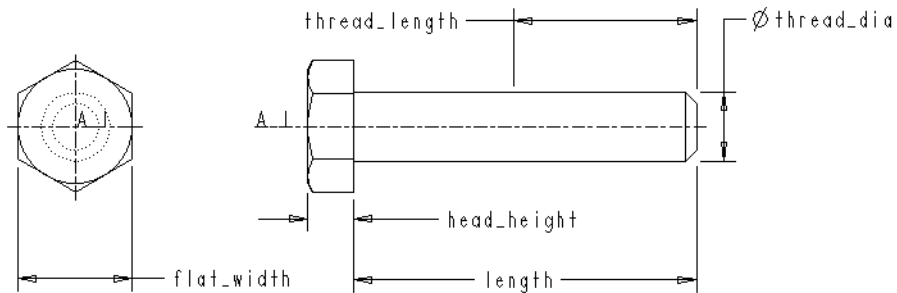
Name	NOMINAL _DIA_THR _PITCH	thread_ dia	flat_ width	head_ height	length	thread_ length
JHBSF01	M6X1	6.0000	10.0000	4.0000	8 to 16 by 2, 20 to 70 by 5	5 to 13 by 2, 17, 18
JHBSF02	M8X1.25	8.0000	13.0000	5.5000	12, 14, 16, 20 to 90 by 5, 100	8.25, 10.25, 12.25, 16.25, 21.25, 22
JHBSF03	M10X1.5	10.0000	17.0000	7.0000	14, 16, 20 to 90 by 5, 100	9.5, 11.5, 15.5, 20.5, 25.5, 26
JHBSF04	M12X1.75	12.0000	19.0000	8.0000	20 to 90 by 5, 100 to 140 by 10	14.75, 19.75, 24.75, 29.75, 30, 36
JHBSF05	M16X2	16.0000	24.0000	10.0000	20 to 90 by 5, 100 to 140	14, 19, 24, 29, 34, 38, 44
JHBSF06	M20X2.5	20.0000	30.0000	13.0000	25 to 90 by 5, 100 to 200 by 10	17.5 to 42.5 by 5, 46, 52
JHBSF07	M24X3	24.0000	36.0000	15.0000	30 to 90 by 5, 100 to 200 by 10	21 to 51 by 5, 54, 60
JHBSF08	M30X3.5	30.0000	46.0000	19.0000	40 to 90 by 5, 100 to 200 by 10, 220, 240	29.5 to 64.5 by 5, 66, 72, 85
JHBSF09	M36X4	36.0000	55.0000	23.0000	50 to 90 by 5, 100 to 200 by 10, 220, 240	38 to 78 by 5, 84, 97

NON-ISO EXTERNAL DRIVE HEX HEAD BOLTS

Name	NOMINAL _DIA_THR _PITCH	thread_ dia	flat_ width	head_ height	length	thread_ length
JHBSF10	M42X4.5	42.0000	65.0000	26.0000	55 to 90 by 5, 100 to 200 by 10, 220 to 300 by 20, 325	41.5 to 76.5 by 5, 86.5, 90, 96, 109
JHBSF11	M48X5	48.0000	75.0000	30.0000	60 to 90 by 5, 100 to 200 by 10, 220 to 300 by 20, 325	45 to 75 by 5, 85, 95, 102, 108, 121
JHBSF12	M56X5.5	56.0000	85.0000	35.0000	130 to 200 by 10, 220 to 300 by 20, 325 to 400 by 25	113.5, 124, 137
JHBSF13	M64X6	64.0000	95.0000	40.0000	130 to 200 by 10, 220 to 300 by 20, 325 to 400 by 25	112, 122, 132, 140, 153
JHBSF14	M8X1	8.0000	13.0000	5.5000	12, 14, 16, 20 to 90 by 5, 100	9, 11, 13, 17, 22
JHBSF15	M10X1.25	10.0000	17.0000	7.0000	14, 16, 20 to 90 by 5, 100	10.25, 12.25, 16.25, 21.25, 26
JHBSF16	M12X1.25	12.0000	19.0000	8.0000	20 to 90 by 5, 100 to 140 by 10	16.25, 21.25, 26.25, 30, 36
JHBSF17	M16X1.5	16.0000	24.0000	10.0000	20 to 90 by 5, 100 to 140 by 10	15.5 to 35.5 by 5, 38, 44
JHBSF18	M20X1.5	20.0000	30.0000	13.0000	25 to 90 by 5, 110 to 200 by 10	20.5 to 45.5 by 5, 46, 52
JHBSF19	M24X2	24.0000	36.0000	15.0000	30 to 90 by 5, 100 to 200 by 10	24 to 54 by 5, 60
JHBSF20	M30X2	30.0000	46.0000	19.0000	40 to 90 by 5, 100 to 200 by 10, 220, 240	34 to 64 by 5, 66, 72, 85
JHBSF21	M36X3	36.0000	55.0000	23.0000	50 to 90 by 5, 100 to 200 by 10, 220, 240	41 to 76 by 5, 78, 84, 97
JHBSF22	M72X6	72.0000	105.0000	45.0000	130 to 200 by 10, 220 to 300 by 20, 325 to 400 by 25	112 to 152 by 10, 156, 169
JHBSF23	M80X6	80.0000	115.0000	50.0000	130 to 200 by 10, 220 to 300 by 20, 325 to 400 by 25	112 to 172 by 10, 185

NON-ISO EXTERNAL DRIVE HEX HEAD BOLTS

HEX HEAD BOLTS, REGULAR



Generic Part Name: JHBRE

Notes:

1. Corresponds to standard JIS B 1180.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”

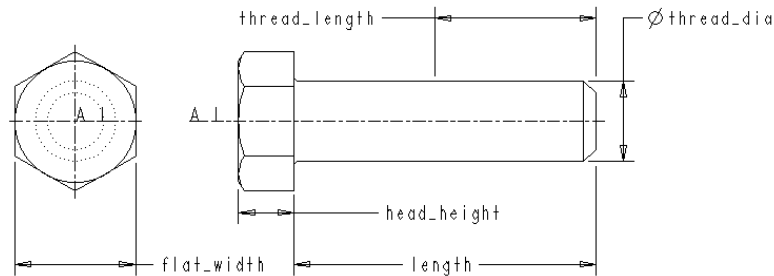
Name	NOMINAL _DIA_THR _PITCH	thread_ dia	flat_ width	head_ height	length	thread_length
JHBRE01	M6X1	6.0000	10.0000	4.0000	8 to 16 by 2, 20 to 70 by 5	5 to 13 by 2, 17, 18
JHBRE02	M8X1.25	8.0000	13.0000	5.5000	12, 14, 16, 20 to 90 by 5, 100	8.25, 10.25, 12.25, 16.25, 21.25, 22
JHBRE03	M10X1.5	10.0000	17.0000	7.0000	14, 16, 20 to 90 by 5, 100	9.5, 11.5, 15.5, 20.5, 25.5, 26
JHBRE04	M12X1.75	12.0000	19.0000	8.0000	20 to 90 by 5, 100 to 140 by 10	14.75, 19.75, 24.75, 29.75, 30, 36
JHBRE05	M16X2	16.0000	24.0000	10.0000	20 to 90 by 5, 100 to 140 by 10	14 to 34 by 5, 38, 44
JHBRE06	M20X2.5	20.0000	30.0000	13.0000	25 to 90 by 5, 100 to 200 by 10	17.5 to 42.5 by 5, 46, 52
JHBRE07	M24X3	24.0000	36.0000	15.0000	30 to 90 by 5, 100 to 200 by 10	21 to 51 by 5, 54, 60
JHBRE08	M30X3.5	30.0000	46.0000	19.0000	40 to 90 by 5, 100 to 200 by 10, 220, 240	29.5 to 59.5 by 5, 64, 66, 72, 85

NON-ISO EXTERNAL DRIVE HEX HEAD BOLTS

Name	NOMINAL DIA_THR _PITCH	thread_ dia	flat_ width	head_ height	length	thread_length
JHBRE09	M36X4	36.0000	55.0000	23.0000	50 to 90 by 5, 100 to 200 by 10, 220, 240	38 to 78 by 5, 84, 97
JHBRE10	M42X4.5	42.0000	65.0000	26.0000	55 to 90 by 5, 100 to 200 by 10, 220 to 300 by 20, 325	41.5 to 76.5 by 5, 86.5, 90, 96, 109
JHBRE11	M48X5	48.0000	75.0000	30.0000	60 to 90 by 5, 100 to 200 by 10, 220 to 300 by 20, 325	45 to 85 by 5, 95, 102, 108, 121
JHBRE12	M8X1	8.0000	13.0000	5.5000	12, 14, 16, 20 to 90 by 5, 100	9, 11, 13, 17, 22
JHBRE13	M10X1.25	10.0000	17.0000	7.0000	14, 16, 20 to 90 by 5, 100	10.25, 12.25, 16.25, 21.25, 26
JHBRE14	M12X1.25	12.0000	19.0000	8.0000	20 to 90 by 5, 100 to 140 by 10	16.25, 21.25, 26.25, 30, 36
JHBRE15	M16X1.5	16.0000	24.0000	10.0000	20 to 90 by 5, 100 to 140 by 10	15.5 to 35.5 by 5, 38, 44
JHBRE16	M20X1.5	20.0000	30.0000	13.0000	25 to 90 by 5, 100 to 200 by 10	20.5 to 45.5 by 5, 46, 52
JHBRE17	M24X2	24.0000	36.0000	15.0000	30 to 90 by 5, 100 to 200 by 10	24 to 54 by 5, 60
JHBRE18	M30X2	30.0000	46.0000	19.0000	40 to 90 by 5, 100 to 200 by 10, 220, 240	34, 64 by 5, 66, 72, 85
JHBRE19	M36X3	36.0000	55.0000	23.0000	50 to 90 by 5, 100 to 200 by 10, 220, 240	41 to 76 by 5, 78, 84, 97

NON-ISO EXTERNAL DRIVE HEX HEAD BOLTS

SMALL HEX HEAD BOLTS, FINISHED



Generic Part Name: JHSMF

Notes:

1. Corresponds to standard JIS B 1180.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

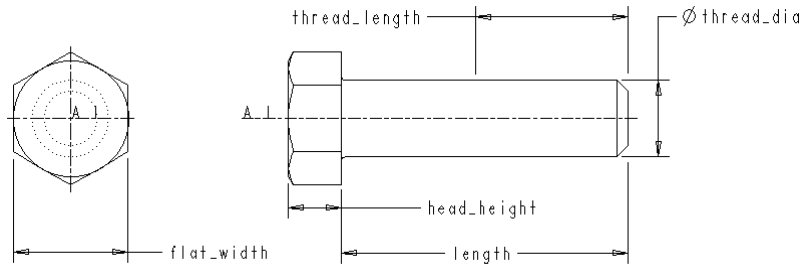
Name	NOMINAL DIA_THR PITCH	thread_ dia	flat_ width	head_ height	length	thread_ length
JHSMF01	M8X1.25	8.0000	12.0000	5.5000	12, 14, 16, 20 to 90 by 5, 100	8.25, 10.25, 12.25, 16.25, 21.25, 22
JHSMF02	M10X1.5	10.0000	14.0000	7.0000	14, 16, 20 to 90 by 5, 100	9.5, 11.5, 15.5, 20.5, 25.5, 26
JHSMF03	M12X1.75	12.0000	17.0000	8.0000	20 to 90 by 5, 100 to 140 by 10	14.75 to 29.75 by 5, 30, 36
JHSMF04	M16X2	16.0000	22.0000	10.0000	20 to 90 by 5, 100 to 140 by 10	14 to 34 by 5, 38, 44
JHSMF05	M20X2.5	20.0000	27.0000	13.0000	25 to 90 by 5, 100 to 200 by 10	17.5 to 42.5 by 5, 46, 52
JHSMF06	M24X3	24.0000	32.0000	15.0000	30 to 90 by 5, 100 to 200 by 10	21 to 51 by 5, 54, 60
JHSMF07	M30X3.5	30.0000	41.0000	19.0000	40 to 90 by 5, 100 to 200 by 10, 220, 240	29.5 to 64.5 by 5, 66, 72, 85
JHSMF08	M36X4	36.0000	50.0000	23.0000	50 to 90 by 5, 100 to 200 by 10, 220, 240	38 to 78 by 5, 84, 97
JHSMF09	M8X1	8.0000	12.0000	5.5000	12, 14, 16, 20 to 90 by 5, 100	9, 11, 13, 17, 22

NON-ISO EXTERNAL DRIVE HEX HEAD BOLTS

Name	NOMINAL _DIA_THR _PITCH	thread_ dia	flat_ width	head_ height	length	thread_ length
JHSMF10	M10X1.25	10.0000	14.0000	7.0000	14, 16, 20 to 90 by 5, 100	10.25, 12.25, 16.25, 21.25, 26
JHSMF11	M12X1.25	12.0000	17.0000	8.0000	20 to 90 by 5, 100 to 140 by 10	16.25, 21.25, 26.25, 30, 36
JHSMF12	M16X1.5	16.0000	22.0000	10.0000	20 to 90 by 5, 100 to 140 by 10	15.5 to 35.5 by 5, 38, 44
JHSMF13	M20X1.5	20.0000	27.0000	13.0000	25 to 90 by 5, 100 to 200 by 10	20.5 to 45.5 by 5, 46, 52
JHSMF14	M24X2	24.0000	32.0000	15.0000	30 to 90 by 5, 100 to 200 by 10	24 to 54 by 5, 60
JHSMF15	M30X2	30.0000	41.0000	19.0000	40 to 90 by 5, 100 to 200 by 10, 220, 240	34 to 64 by 5, 66, 72, 85
JHSMF16	M36X3	36.0000	50.0000	23.0000	50 to 90 by 5, 100 to 200 by 10, 220, 240	41 to 76 by 5, 78, 84, 97

NON-ISO EXTERNAL DRIVE HEX HEAD BOLTS

SMALL HEX HEAD BOLTS, SEMI-FINISHED



Generic Part Name: JHSSF

Notes:

1. Corresponds to standard JIS B 1180.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

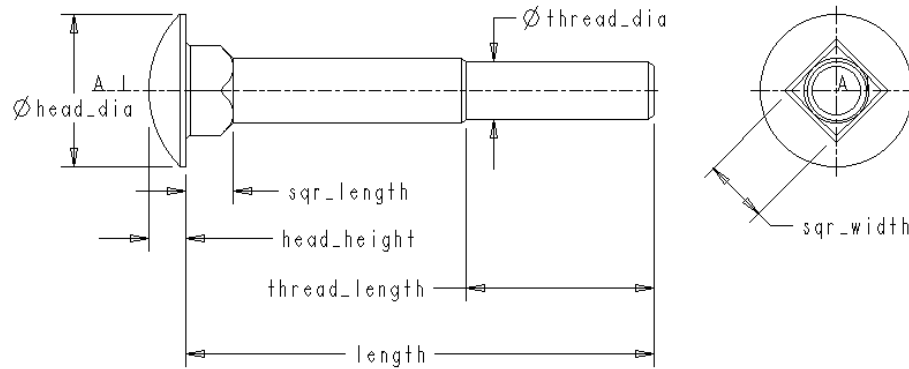
Name	NOMINAL DIA_THR _PITCH	thread_ dia	flat_ width	head_ height	length	thread_ length
JHSSF01	M8X1.25	8.0000	12.0000	5.5000	12, 14, 16, 20 to 90 by 5, 100	8.25, 10.25, 12.25, 16.25, 21.25, 22
JHSSF02	M10X1.5	10.0000	14.0000	7.0000	14, 16, 20 to 90 by 5, 100	9.5, 11.5, 15.5, 20.5, 25.5, 26
JHSSF03	M12X1.75	12.0000	17.0000	8.0000	20 to 90 by 5, 100 to 140 by 10	14.75 to 29.75 by 5, 30, 36
JHSSF04	M16X2	16.0000	22.0000	10.0000	20 to 90 by 5, 100 to 140 by 10	14 to 34 by 5, 38, 44
JHSSF05	M20X2.5	20.0000	27.0000	13.0000	25 to 90 by 5, 100 to 200 by 10	17.5 to 42.5 by 5, 46, 52
JHSSF06	M24X3	24.0000	32.0000	15.0000	30 to 90 by 5, 100 to 200 by 10	21 to 51 by 5, 54, 60
JHSSF07	M30X3.5	30.0000	41.0000	19.0000	40 to 90 by 5, 100 to 200 by 10, 220, 240	29.5 to 64.5 by 5, 66, 72, 85
JHSSF08	M36X4	36.0000	50.0000	23.0000	50 to 90 by 5, 100 to 200 by 10, 220, 240	38 to 78 by 5, 84, 97
JHSSF09	M8X1	8.0000	12.0000	5.5000	12, 14, 16, 20 to 90 by 5, 100	9, 11, 13, 17, 22
JHSSF10	M10X1.25	10.0000	14.0000	7.0000	14, 16, 20 to 90 by 5, 100	10.25, 12.25, 16.25, 21.25, 26

NON-ISO EXTERNAL DRIVE HEX HEAD BOLTS

Name	NOMINAL _DIA_THR _PITCH	thread_ dia	flat_ width	head_ height	length	thread_ length
JHSSF11	M12X1.25	12.0000	17.0000	8.0000	20 to 90 by 5, 100 to 140 to 10	16.25, 21.25, 26.25, 30, 36
JHSSF12	M16X1.5	16.0000	22.0000	10.0000	20 to 90 by 5, 100 to 140 by 10	15.5 to 35.5 by 5, 38, 44
JHSSF13	M20X1.5	20.0000	27.0000	13.0000	25 to 90 by 5, 100 to 200 by 10	20.5 to 45.5 by 5, 46, 52
JHSSF14	M24X2	24.0000	32.0000	15.0000	30 to 90 by 5, 100 to 200 by 10	24 to 54 by 5, 60
JHSSF15	M30X2	30.0000	41.0000	19.0000	40 to 90 by 5, 100 to 200 by 10, 220, 240	34 to 64 by 5, 66, 72, 85
JHSSF16	M36X3	36.0000	50.0000	23.0000	40 to 90 by 5, 100 to 200 by 10, 220, 240	34 to 64 by 5, 66, 72, 85

SQUARE NECK BOLTS

CUP HEAD SQUARE NECK BOLTS, LARGE-SIZE HEAD



Generic Part Name: JSNBL

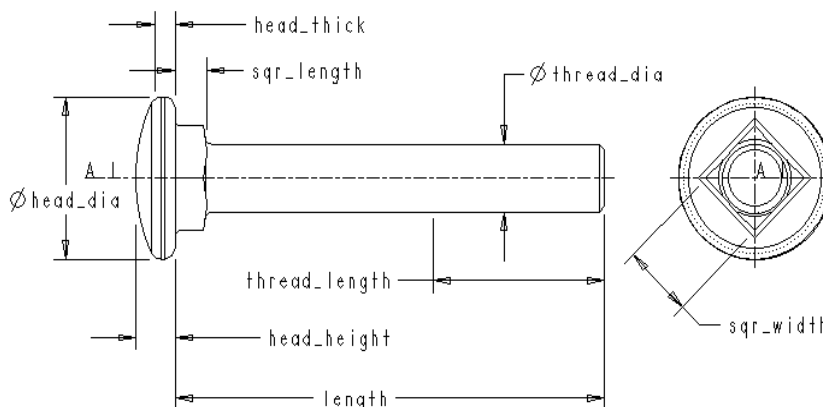
Notes:

1. Corresponds to standard ISO 8677 - 1986 and JIS B 1171.
2. When a range of lengths is indicated, the range is expressed as "from to incremented by".

Name	NOMINAL _DIA_THR _PITCH	thread _dia	head_ dia	head_ height	sqr_ width	sqr_ length	length	thread_ length
JSNBL01	M5X0.8	5.0000	13.0000	3.1000	5.4800	4.1000	20 to 50 by 5	16
JSNBL02	M6X1	6.0000	16.0000	3.6000	6.4800	4.6000	30 to 60 by 5	18
JSNBL03	M8X1.25	8.0000	20.0000	4.8000	8.5800	5.6000	40 to 80 by 5	22
JSNBL04	M10X1.5	10.0000	24.0000	5.8000	10.5800	6.6000	45 to 80 by 5, 90, 100	26
JSNBL05	M12X1.75	12.0000	30.0000	6.8000	12.7000	8.8000	55 to 80 by 5, 90 to 120 by 10	30
JSNBL06	M16X2	16.0000	38.0000	8.9000	16.7000	12.9000	65 to 80 by 5, 90 to 160 by 10, 180, 200	38, 44
JSNBL07	M20X2.5	20.0000	46.0000	10.9000	20.8400	15.9000	75, 80 to 160 by 10, 180, 200	46, 52

SQUARE NECK BOLTS

CUP HEAD SQUARE NECK BOLTS, SMALL-SIZE HEAD



Generic Part Name: JSNBS

Notes:

1. Corresponds to standard ISO 8678 - 1988 and JIS B 1171.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

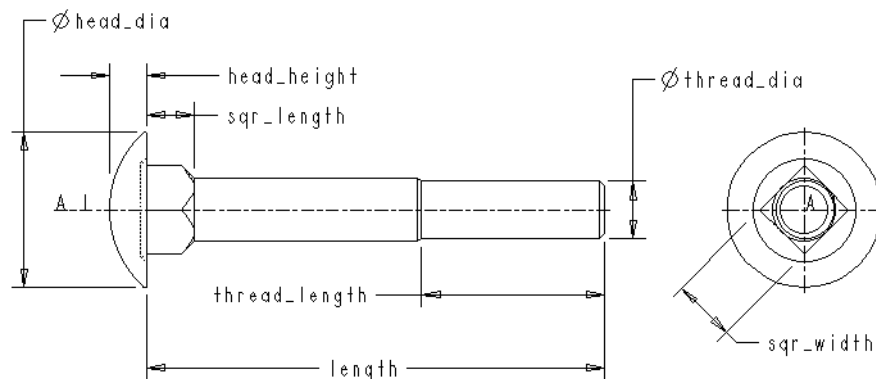
Name	NOMINAL _DIA _THR _PITCH	thread _dia	head_ dia	head_ height	sqr_ width	sqr_ length	head_ thick	length	thread_ length
JSNBS01	M6X1	6.000	14.200	3.600	6.480	3.000	1.900	12, 16, 20 to 60 by 5	7, 11, 15, 18, 20 to 45 by 5
JSNBS02	M8X1.25	8.000	18.000	4.800	8.580	3.000	2.200	16, 20 to 70 by 5, 80	10.5, 14.5 to 44.5 by 5, 22
JSNBS03	M10X1.5	10.000	22.300	5.800	10.580	4.000	2.500	20 to 70 by 5, 80, 90, 100	13 to 43 by 5, 26
JSNBS04	M12X1.75	12.000	26.600	6.800	12.700	4.000	2.800	20 to 70 by 5, 80 to 120 by 10	12.5 to 42.5 by 5, 30

SQUARE NECK BOLTS

Name	NOMINAL _DIA _THR _PITCH	thread _dia	head_ dia	head_ height	sqr_ width	sqr_ length	head_ thick	length	thread_ length
JSNBS05	M16X2	16.000	35.000	8.900	16.700	5.000	3.600	30 to 70 by 5, 80 to 160 by 10	21 to 51 by 5, 38, 44
JSNBS06	M20X2.5	20.000 0	43.000 0	10.900 0	20.840 0	5.0000	4.2000	35 to 70 by 5, 80 to 160 by 10	25 to 60 by 5, 46, 52

SQUARE NECK BOLTS

CUP HEAD SQUARE NECK BOLTS, GROOVED HEAD



Generic Part Name: JSNBG

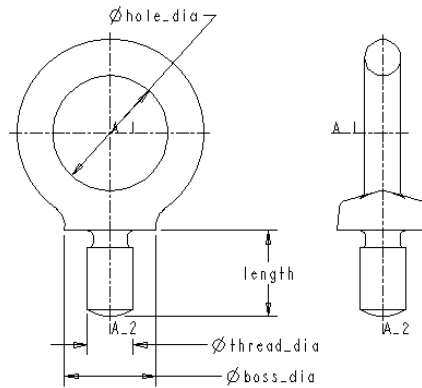
Notes:

1. Corresponds to standard JIS B 1171.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL _DIA_THR _PITCH	thread_ dia	sqr_ width	sqr_ length	head_ dia	head_ height	length	thread_ length
JSNBG01	M5X0.8	5.0000	5.4800	4.00000	13.5500	3.3000	12, 16, 20 to 50 by 5	5.5, 9.5, 13.5, 16
JSNBG02	M6X1	6.0000	6.4800	4.00000	16.5500	4.3000	16, 20 to 70	9, 13, 18
JSNBG03	M8X1.25	8.0000	8.5800	5.00000	20.6500	5.3000	20 to 80 by 5, 90, 100	11, 16, 21, 22
JSNBG04	M10X1.5	10.0000	10.5800	6.00000	24.6500	6.4000	25 to 80 by 5, 90, 100	14, 19, 24, 26
JSNBG05	M12X1.75	12.0000	12.7000	8.00000	32.8000	8.4000	30 to 80 by 5, 90 to 130 by 10	16 to 36 by 5, 30

EYE BOLTS

EYE BOLT



Generic Part Name: JEYEB

Notes:

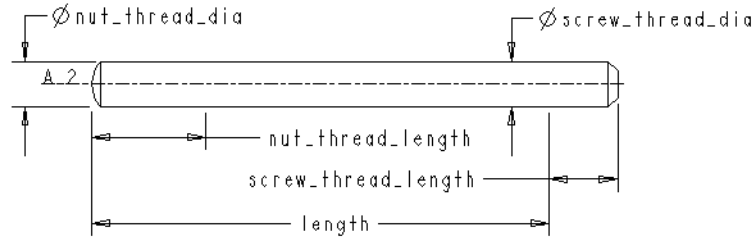
1. Corresponds to standard JIS B 1168.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL_SIZE	thread_dia	hole_dia	boss_dia	length
JEYEB01	M8	8.000	20.000	16.000	15
JEYEB02	M10	10.000	25.000	20.000	18
JEYEB03	M12	12.000	30.000	25.000	22
JEYEB04	M16	16.000	35.000	30.000	27
JEYEB05	M20	20.000	40.000	35.000	30
JEYEB06	M24	24.000	50.000	45.000	38
JEYEB07	M30	30.000	60.000	60.000	45
JEYEB08	M36	36.000	70.000	70.000	55
JEYEB09	M42	42.000	80.000	80.000	65
JEYEB10	M48	48.000	90.000	90.000	70
JEYEB11	M64	64.000	110.000	110.000	90
JEYEB12	M80X6	80.000	140.000	130.000	105
JEYEB13	M100X6	100.000	180.000	170.000	130

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STUD BOLTS

STUD BOLTS



Generic Part Name: JSTUD

Notes:

1. Corresponds to standard JIS B 1173.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

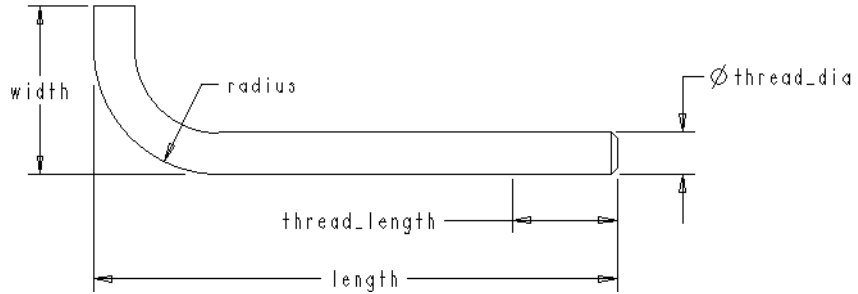
Name	NOMINAL _DIA	nut_ thread_ dia	nut_ thread_ length	screw_ thread_ length	length
JSTUD01	M10	10.0000	20.0000	12.0000	22, 25, 28, 30, 32, 35, 38, 40 to 65 by 5, 70 to 100 by 10
JSTUD02	M12	12.0000	22.0000	15.0000	25, 28, 30, 32, 35, 38, 40 to 65 by 5, 70 to 100 by 10
JSTUD03	M16	16.0000	28.0000	20.0000	32, 35, 38, 40 to 65 by 5, 70 to 100 by 10
JSTUD04	M20	20.0000	32.0000	25.0000	35, 38, 40 to 65 by 5, 70 to 120 by 10, 140, 160
JSTUD05	M4	4.0000	10.0000	6.0000	12 to 22 by 2, 25, 28, 30, 32, 35, 38, 40
JSTUD06	M5	5.0000	12.0000	7.0000	14 to 22 by 2, 25, 28, 30, 32, 35, 38, 40, 45
JSTUD07	M6	6.0000	14.0000	8.0000	16 to 22 by 2, 25, 28, 30, 32, 35, 38, 40, 45, 50
JSTUD08	M8	8.0000	18.0000	11.0000	20, 22, 25, 28, 30, 32, 35, 38, 40 to 55 by 5
JSTUD09	M10	10.0000	20.0000	15.0000	22, 25, 28, 30, 32, 35, 38, 40 to 65 by 5, 70 to 100 by 10

STUD BOLTS

Name	NOMINAL _DIA	nut_ thread_ dia	nut_ thread_ length	screw_ thread_ length	length
JSTUD10	M12	12.0000	22.0000	18.0000	25, 28, 30, 32, 35, 38, 40 to 65 by 5, 70 to 100 by 10
JSTUD11	M16	16.0000	28.0000	24.0000	32, 35, 38, 40 to 65 by 5, 70 to 100 by 10
JSTUD12	M20	20.0000	32.0000	30.0000	35, 38, 40 to 565 by 5, 70 to 120 by 10, 140, 160
JSTUD13	M4	4.0000	10.0000	8.0000	12 to 22 by 2, 25, 28, 30, 32, 35, 38, 40
JSTUD14	M5	5.0000	12.0000	10.0000	14 to 22 by 2, 25, 28, 30, 32, 35, 38, 40, 45
JSTUD15	M6	6.0000	14.0000	12.0000	16 to 22 by 2, 25, 28, 30, 32, 35, 38, 40, 45, 50
JSTUD16	M8	8.0000	18.0000	16.0000	20, 22, 25, 28, 30, 32, 35, 38, 40 to 55 by 5
JSTUD17	M10	10.0000	20.0000	20.0000	22, 25, 28, 30, 32, 35, 38, 40 to 65 by 5, 70 to 100 by 10
JSTUD18	M12	12.0000	22.0000	24.0000	25, 28, 30, 32, 35, 38, 40 to 65 by 5, 70 to 100 by 10
JSTUD19	M16	16.0000	28.0000	32.0000	32, 35, 38, 40 to 65 by 5, 70 to 100 by 10
JSTUD20	M20	20.0000	32.0000	40.0000	35, 38, 40 to 65 by 5, 70 to 120 by 10, 140, 160

FOUNDATION BOLTS

FOUNDATION BOLT, L-TYPE



Generic Part Name: JFBLT

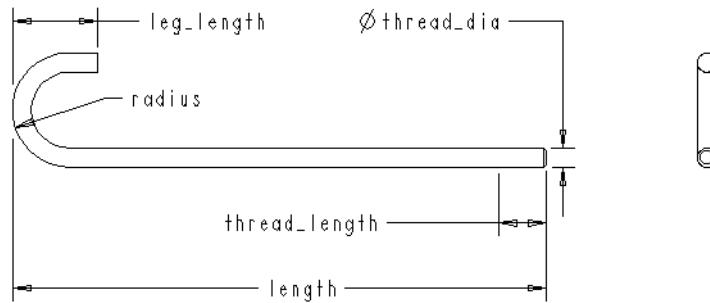
Notes:

1. Corresponds to standard JIS B 1178.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL_SIZE	thread_dia	width	radius	length	thread_length
JFBLT01	M10	10.0000	40.0000	20.0000	125, 160, 200, 250, 315, 400, 500	25
JFBLT02	M12	12.0000	50.0000	25.0000	160, 200, 250, 315, 400, 500, 630	32
JFBLT03	M16	16.0000	63.0000	32.0000	200, 250, 315, 400, 500, 630, 800	40
JFBLT04	M20	20.0000	80.0000	40.0000	250, 315, 400, 500, 630, 800, 1000	50

FOUNDATION BOLTS

FOUNDATION BOLT, J-TYPE



Generic Part Name: JFBJT

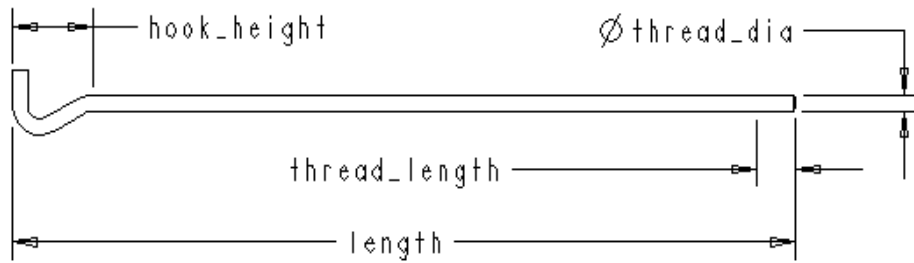
Notes:

1. Corresponds to standard JIS B 1178.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL_SIZE	thread_dia	leg_length	radius	length	thread_length
JFBJT01	M10	10.0000	45.000	20.000	125, 160, 200, 250, 315, 400, 500	25
JFBJT02	M12	12.0000	56.000	25.000	160, 200, 250, 315, 400, 500, 630	32
JFBJT03	M16	16.0000	71.000	32.000	200, 250, 315, 400, 500, 630, 800	40
JFBJT04	M20	20.0000	90.000	40.000	250, 315, 400, 500, 630, 800, 1000	50
JFBJT05	M24	24.0000	112.000	50.000	315, 400, 500, 630, 800, 1000, 1250	63
JFBJT06	M30	30.0000	140.000	63.000	400, 500, 630, 800, 1000, 1250, 1600	80
JFBJT07	M36	36.0000	160.000	71.000	400, 500, 630, 800, 1000, 1250, 1600	90
JFBJT08	M42	42.0000	200.000	90.000	630, 800, 1000, 1250, 1600, 2000, 2500	112
JFBJT09	M48	48.0000	224.000	100.000	800, 1000, 1250, 1600, 2000, 2500	125

FOUNDATION BOLTS

FOUNDATION BOLT, LA-TYPE



Generic Part Name: JFBLA

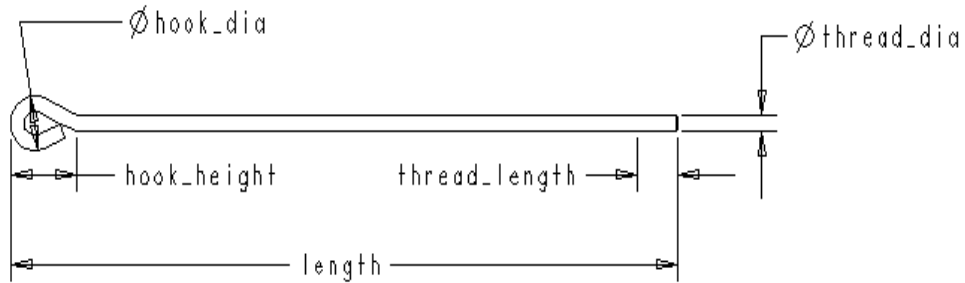
Notes:

1. Corresponds to standard JIS B 1178.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL_SIZE	thread_dia	hook_height	length	thread_length
JFBLA01	M10	10.0000	51.000	125, 160, 200, 250, 315, 400, 500	30
JFBLA02	M12	12.0000	64.000	160, 200, 250, 315, 400, 500, 630	35
JFBLA03	M16	16.0000	81.000	200, 250, 315, 400, 500, 630, 800	40
JFBLA04	M20	20.0000	102.000	250, 315, 400, 500, 630, 800, 1000	50
JFBLA05	M24	24.0000	127.000	315, 400, 500, 630, 800, 1000, 1250	80
JFBLA06	M30	30.0000	158.000	400, 500, 630, 800, 1000, 1250, 1600	90
JFBLA07	M36	36.0000	181.000	400, 500, 630, 800, 1000, 1250, 1600	110
JFBLA08	M42	42.0000	226.000	630, 800, 1000, 1250, 1600, 2000, 2500	125
JFBLA09	M48	48.0000	252.000	800, 1000, 1250, 1600, 2000, 2500	150
JFBLA10	M8	8.0000	41.000	125, 160, 200	20

FOUNDATION BOLTS

FOUNDATION BOLT, JA-TYPE



Generic Part Name: JFBJA

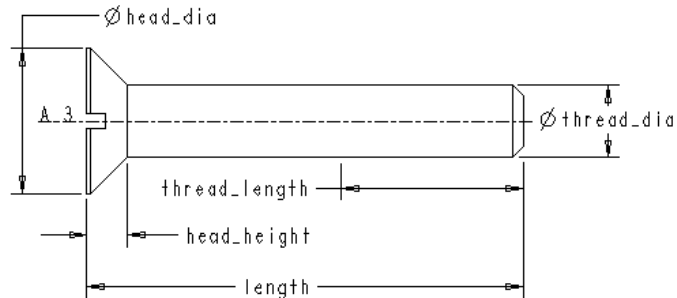
Notes:

1. Corresponds to standard JIS B 1178.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL_SIZE	thread_dia	hook_dia	hook_height	length	thread_length
JFBJA01	M10	10.0000	35.000	50.000	125, 160, 200, 250, 315, 400, 500	30
JFBJA02	M12	12.0000	40.000	65.000	160, 200, 250, 315, 400, 500, 630	35
JFBJA03	M16	16.0000	55.000	85.000	200, 250, 315, 400, 500, 630, 800	40
JFBJA04	M20	20.0000	70.000	105.000	250, 315, 400, 500, 630, 800, 1000	50
JFBJA05	M24	24.0000	80.000	125.000	315, 400, 500, 630, 800, 1000, 1250	80
JFBJA06	M30	30.0000	100.000	155.000	400, 500, 630, 800, 1000, 1250, 1600	90
JFBJA07	M36	36.0000	120.000	190.000	400, 500, 630, 800, 1000, 1250, 1600	110
JFBJA08	M42	42.0000	140.000	220.000	630, 800, 1000, 1250, 1600, 2000, 2500	125
JFBJA09	M48	48.0000	160.000	250.000	800, 1000, 1250, 1600, 2000, 2500	150

FLAT HEAD BOLTS

SLOTTED FLAT HEAD BOLTS, FINE FINISHED



Generic Part Name: JFHBF

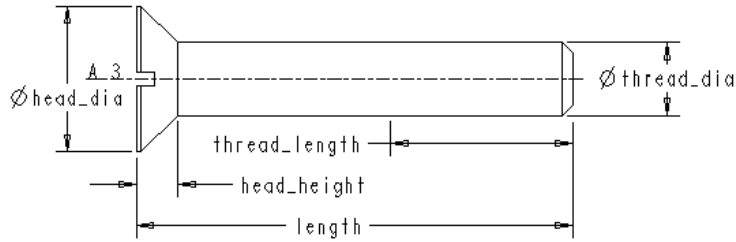
Notes:

1. Corresponds to standard JIS B 1179.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL _DIA_THR _PITCH	thread_dia	head_dia	head_height	length	thread_length
JFHBF01	M10X1.25	10.0000	20.0000	5.5000	16, 20 to 60 by 5	8, 12, 17, 22, 26
JFHBF02	M12X1.25	12.0000	24.0000	6.5000	20 to 65 by 5	11 to 31 by 5, 30
JFHBF03	M16X1.5	16.0000	30.0000	7.5000	25 to 70 by 5	14.5 to 34.5 by 5, 38
JFHBF04	M20X1.5	20.0000	36.0000	8.5000	30 to 75 by 5	18.5 to 43.5 by 5, 46
JFHBF05	M24X2	24.0000	39.0000	14.0000	35 to 80 by 5	17 to 52 by 5, 54
JFHBF06	M30X2	30.0000	48.0000	16.6000	35 to 80 by 5	17 to 52 by 5, 54
JFHBF07	M36X3	36.0000	57.0000	19.2000	45 to 90 by 5	24.4 to 64.4 by 5

FLAT HEAD BOLTS

SLOTTED FLAT HEAD BOLTS, ROUGH FINISHED



Generic Part Name: JFHBR

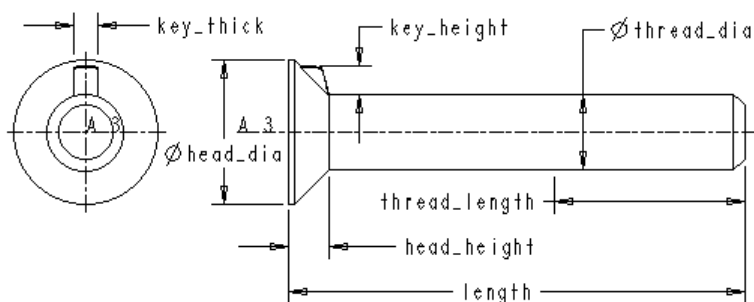
Notes:

1. Corresponds to standard JIS B 1179.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL _DIA_THR _PITCH	thread_dia	head_dia	head_height	length	thread_length
JFHBR01	M10X1.25	10.0000	20.0000	5.7000	16, 20 to 60 by 5	7.8, 11.8, 16.8, 21.8, 26
JFHBR02	M12X1.25	12.0000	24.0000	6.7000	20 to 65 by 5	10.8 to 30.8 by 5
JFHBR03	M16X1.5	16.0000	30.0000	7.7000	25 to 70 by 5	14.3 to 34.3 by 5, 38
JFHBR04	M20X1.5	20.0000	36.0000	8.8000	30 to 75 by 5	18.2 to 43.2 by 5, 46
JFHBR05	M24X2	24.0000	39.0000	14.4000	35 to 80 by 5	16.6 to 51.6 by 5, 54
JFHBR06	M30X2	30.0000	48.0000	17.0000	45 to 90 by 5	24 to 64 by 5
JFHBR07	M36X3	36.0000	57.0000	19.7000	50 to 100 by 5	24.3 to 64.3 by 5, 74.3

FLAT HEAD BOLTS

FLAT HEAD BOLTS WITH REVERSE KEY, ROUGH FINISHED



Generic Part Name: JFHBK

Notes:

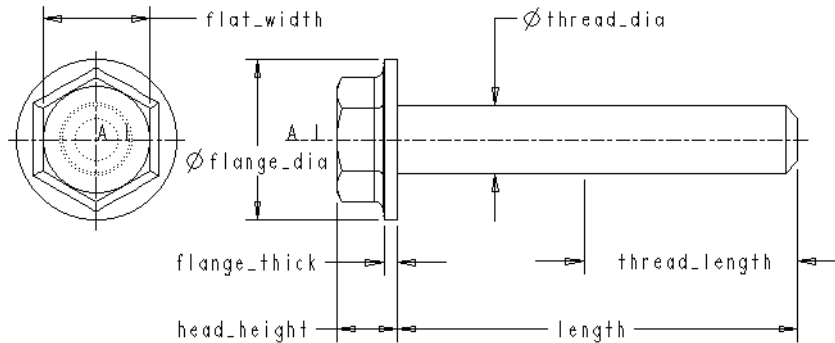
1. Corresponds to standard JIS B 1179.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL _DIA_THR _PITCH	thread _dia	head _dia	head _height	key _thick	key _height	length	thread _length
JFHBK01	M10X1.25	10.0000	19.0000	5.3000	3.2000	3.7000	16, 20 to 60 by 5	8.2, 12.2, 17.2, 22.2, 26
JFHBK02	M12X1.25	12.0000	25.0000	6.7000	3.8000	5.0000	20 to 65 by 5	10.8 to 30.8 by 5, 30
JFHBK03	M16X1.5	16.0000	32.0000	8.6000	4.2000	6.7000	25 to 70 by 5	13.4 to 38.4 by 5, 38
JFHBK04	M20X1.5	20.0000	38.0000	10.0000	5.0000	8.0000	30 to 75 by 5	17 to 42 by 5, 46
JFHBK05	M24X2	24.0000	40.0000	13.7000	7.0000	6.0000	35 to 80 by 5	17.3 to 52.3 by 5, 54

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HEX BOLTS WITH FLANGE

HEX BOLTS WITH FLANGE, TYPE 1



Generic Part Name: JHFB1

Notes:

1. Corresponds to standard JIS B 1189.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

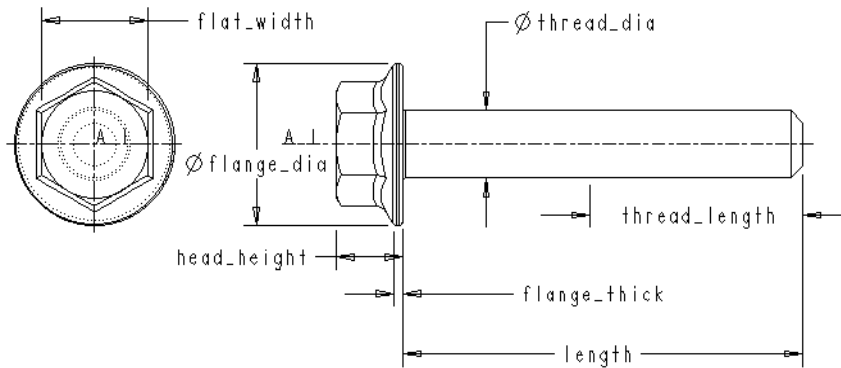
Name	NOMINAL _DIA_THR _PITCH	thread _dia	flat_ width	head_ height	flange_ dia	flange_ thick	length	thread_ length
JHFB101	M4X0.7	4.000	7.000	3.600	10.500	0.800	6 to 16 by 2, 20 to 40 by 5	3.9 to 13.9 by 2, 14
JHFB102	M5X0.8	5.000	8.000	4.500	12.000	1.000	8 to 16 by 2, 20 to 50 by 5	5.6 13.6 by 2, 16
JHFB103	M6X1	6.000	10.000	5.400	14.000	1.200	8 to 16 by 2, 20 to 70 by 5	5 to 13 by 2, 17, 18
JHFB104	M8X1.25	8.000	12.000	6.900	17.500	1.400	12 to 16 by 2, 20 to 90 by 5, 100	8.25, 10.25, 12.25, 16.25, 21.25, 22
JHFB105	M10X1.5	10.000	14.000	8.500	21.000	1.600	14, 16, 20 to 90 by 5, 100	9.5, 11.5, 15.5, 20.5, 25.5, 26

HEX BOLTS WITH FLANGE

Name	NOMINAL _DIA_THR _PITCH	thread _dia	flat_ width	head_ height	flange_ dia	flange_ thick	length	thread_ length
JHFB106	M12X1.75	12.000	17.000	10.200	25.000	2.0000	20 to 90 by 5, 100 to 140 by 10	14.75 to 29.75 by 5, 30, 36
JHFB107	M8X1	8.000	12.000	6.900	17.500	1.4000	12, 14, 16, 20 to 90 by 5, 100	9, 11, 13, 17, 22
JHFB108	M10X1.25	10.000	14.000	8.500	21.000	1.6000	14, 16, 20 to 90 by 5, 100	10.25, 12.25, 16.25, 21.25, 26
JHFB109	M12X1.25	12.000	17.000	10.200	25.000	2.0000	20 to 90 by 5, 100 to 140 by 10	16.25, 21.25, 26.25, 30, 36

HEX BOLTS WITH FLANGE

HEX BOLTS WITH FLANGE, CLASS 2



Generic Part Name: JHFB2

Notes:

1. Corresponds to standard JIS B 1189.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

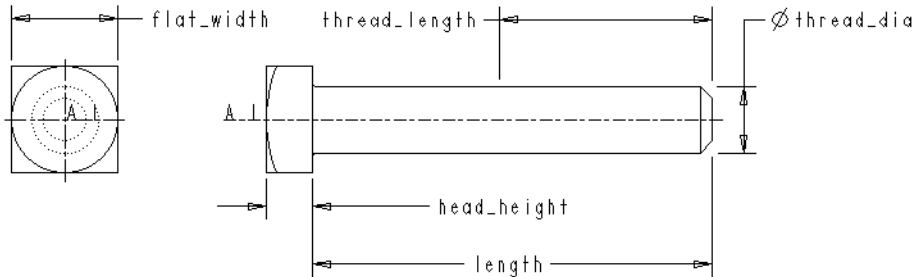
Name	NOMINAL _DIA_THR _PITCH	thread _dia	flat_ width	head_ height	flange_ dia	flange_ thick	length	thread_ length
JHFB201	M4X0.7	4.000	7.000	4.200	10.500	0.600	6 to 16 by 2, 20 to 40 by 5	3.9 to 13.9 by 2, 14
JHFB202	M5X0.8	5.000	8.000	5.000	12.000	0.700	8 to 16 by 2, 20 to 50 by 5	5.6 to 13.6 by 2, 16
JHFB203	M6X1	6.000	10.000	6.000	14.000	0.800	8 to 16 by 2, 20 to 70 by 5	5 to 13 by 2, 17, 18
JHFB204	M8X1.25	8.000	12.000	8.000	17.500	1.000	12, 14, 16, 20 to 90 by 5, 100	8.25, 10.25, 12.25, 16.25, 21.25, 22
JHFB205	M10X1.5	10.000	14.000	10.000	21.000	1.200	14, 16, 20 to 90 by 5, 100	9.5, 11.5, 15.5, 20.5, 25.5, 26
JHFB206	M12X1.75	12.000	17.000	11.500	25.000	1.400	20 to 90 by 5, 100 to 140 by 10	14.75 to 29.75 by 5, 30, 36

HEX BOLTS WITH FLANGE

Name	NOMINAL _DIA_THR _PITCH	thread _dia	flat_ width	head_ height	flange_ dia	flange_ thick	length	thread_ length
JHFB207	M16X2	16.000	22.000	15.000	33.000	1.800	25 to 90 by 5, 100 to 140 by 10	20.5 to 35.5 by 5, 38, 44
JHFB208	M8X1	8.000	12.000	8.000	17.500	1.000	12, 14, 16, 20 to 90 by 5, 100	9, 11, 13, 17, 22
JHFB209	M10X1.25	10.000	14.000	10.000	21.000	1.200	14, 16, 20 to 90 by 5, 100	10.25, 12.25, 16.25, 21.25, 26
JHFB210	M12X1.25	12.000	17.000	11.500	25.000	1.400	20 to 90 by 5, 100 to 140 by 10	16.25, 21.25, 26.25, 30, 36
JHFB211	M16X1.5	16.000	22.000	15.000	33.000	1.800	25 to 90 by 5, 100 to 140 by 10	20.5 to 35.5 by 5, 38, 44

SQUARE HEAD BOLTS

SQUARE HEAD BOLTS, FINISHED



Generic Part Name: JSQBF

Notes:

1. Corresponds to standard JIS B 1182.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

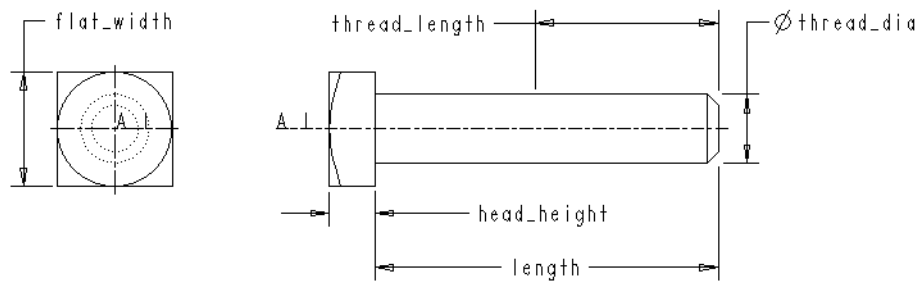
Name	NOMINAL_DIA_THR_PITCH	thread_dia	flat_width	head_height	length	thread_length
JSQBF01	M3X0.5	3.0000	5.5000	2.0000	5, 6 to 16 by 2, 20, 25, 30	3.5, 4.5 to 10.5 by 2, 12
JSQBF02	M4X0.7	4.0000	7.0000	2.8000	6 to 16 by 2, 20 to 40 by 5	3.9 to 13.9 by 2, 14
JSQBF03	M5X0.8	5.0000	8.0000	3.5000	8 to 16 by 2, 20 to 50 by 5	5.6 to 13.6 by 2, 16
JSQBF04	M6X1	6.0000	10.0000	4.0000	8 to 16 by 2, 20 to 70 by 5	5 to 13 by 2, 17, 18
JSQBF05	M8X1.25	8.0000	13.0000	5.5000	12, 14, 16, 20 to 90 by 5, 100	8.25, 10.25, 12.25, 16.25, 21.25, 22
JSQBF06	M10X1.5	10.0000	17.0000	7.0000	14, 16, 20 to 90 by 5, 100	9.5, 11.5, 15.5, 20.5, 25.5, 26
JSQBF07	M12X1.75	12.0000	19.0000	8.0000	20 to 90 by 5, 100 to 140 by 10	14.75 to 29.75 by 5, 30, 36
JSQBF08	M16X2	16.0000	24.0000	10.0000	25 to 90 by 5, 100 to 140 by 10	19 to 34 by 5, 38, 44

SQUARE HEAD BOLTS

Name	NOMINAL_ DIA_THR_ PITCH	thread_ dia	flat_width	head_ height	length	thread_ length
JSQBF09	M20X2.5	20.0000	30.0000	13.0000	30 to 90 by 5, 100 to 200 by 10	22.5 42.5 by 5, 46, 52
JSQBF10	M24X3	24.0000	36.0000	15.0000	30 to 90 by 5, 100 to 200 by 10	21 to 51 by 5, 54, 60

SQUARE HEAD BOLTS

SQUARE HEAD BOLTS, SEMI-FINISHED



Generic Part Name: JSQSF

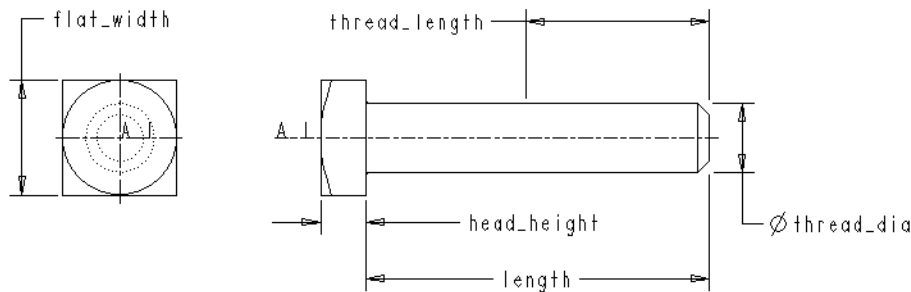
Notes:

1. Corresponds to standard JIS B 1182.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL DIA_THR _PITCH	thread_ dia	flat_ width	head_ height	length	thread_length
JSQSF01	M6X1	6.0000	10.0000	4.0000	8 to 16 by 2, 20 to 70 by 5	5 to 13 by 2, 17, 18
JSQSF02	M8X1.25	8.0000	13.0000	5.5000	12, 14, 16, 20 to 90 by 5, 100	8.25, 10.25, 12.25, 16.25, 21.25, 22
JSQSF03	M10X1.5	10.0000	17.0000	7.0000	14, 16, 20 to 90 by 5, 100	9.5, 11.5, 20.5, 25.5, 26
JSQSF04	M12X1.75	12.0000	19.0000	8.0000	20 to 90 by 5, 100 to 140 by 10	14.75 to 29.75 by 5, 30, 36
JSQSF05	M16X2	16.0000	24.0000	10.0000	25 to 90 by 5, 100 to 140	19 to 34 by 5, 38, 44
JSQSF06	M20X2.5	20.0000	30.0000	13.0000	30 to 90 by 5, 100 to 200 by 10	22.5 to 42.5 by 5, 46, 52
JSQSF07	M24X3	24.0000	36.0000	15.0000	30 to 90 by 5, 100 to 200 by 10	21 to 51 by 5, 54, 60

SQUARE HEAD BOLTS

SQUARE HEAD BOLTS, REGULAR



Generic Part Name: JSQRE

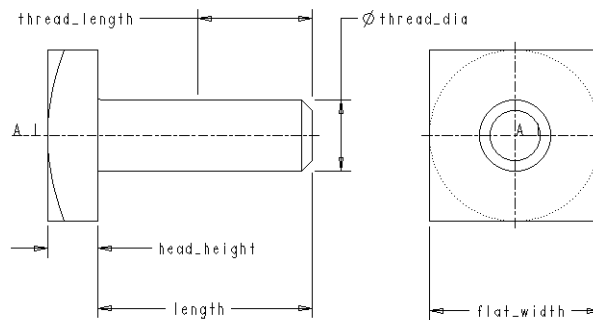
Notes:

1. Corresponds to standard JIS B 1182.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL _DIA_THR _PITCH	thread_ dia	flat_ width	head_ height	length	thread_length
JSQRE01	M6X1	6.0000	10.0000	4.0000	8 to 16 by 2, 20 to 70 by 5	5 to 13 by 2, 17, 18
JSQRE02	M8X1.25	8.0000	13.0000	5.5000	12, 14, 16, 20 to 90 by 5, 100	8.25, 10.25, 12.25, 16.25, 21.25, 22
JSQRE03	M10X1.5	10.0000	17.0000	7.0000	14, 16, 20 to 90 by 5, 100	9.5, 11.5, 15.5, 20.5, 25.5, 26
JSQRE04	M12X1.75	12.0000	19.0000	8.0000	20 to 90 by 5, 100 to 140 by 10	14.75 to 29.75 by 5, 30, 36
JSQRE05	M16X2	16.0000	24.0000	10.0000	25 to 90 by 5, 100 to 140 by 10	19 to 34 by 5, 38, 44
JSQRE06	M20X2.5	20.0000	30.0000	13.0000	30 to 90 by 5, 100 to 200 by 10	22.5 to 42.5 by 5, 46, 52
JSQRE07	M24X3	24.0000	36.0000	15.0000	30 to 90 by 5, 100 to 200 by 10	21 to 51 by 5, 54, 60

SQUARE HEAD BOLTS

LARGE-SIZE SQUARE HEAD BOLTS, REGULAR



Generic Part Name: JSQRL

Notes:

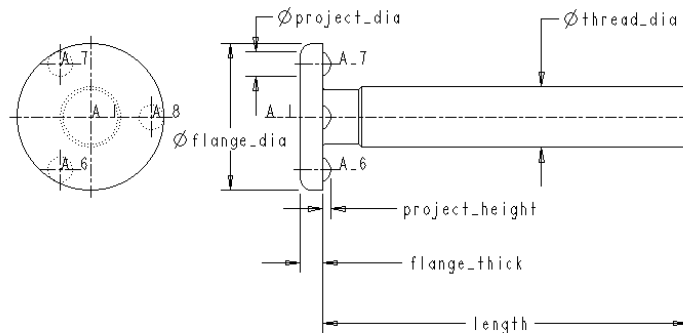
1. Corresponds to standard JIS B 1182.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL _DIA_THR _PITCH	thread_ dia	flat_ width	head_ height	length	thread_length
JSQRL01	M10X1.5	10.0000	24.0000	7.0000	14, 16, 20 to 90 by 5, 100	9.5, 11.5, 15.5, 20.5, 25.5, 26
JSQRL02	M12X1.75	12.0000	30.0000	8.0000	20 to 90 by 5, 100 to 140 by 10	14.75 to 29.75 by 5, 30, 36
JSQRL03	M16X2	16.0000	36.0000	10.0000	25 to 90 by 5, 100 to 140 by 10	19 to 34 by 5, 38, 44
JSQRL04	M20X2.5	20.0000	41.0000	13.0000	30 to 90 by 5, 100 to 200 by 10	22.5 to 42.5 by 5, 46, 52
JSQRL05	M24X3	24.0000	55.0000	15.0000	30 to 90 by 5, 100 to 200 by 10	21 to 51 by 5, 54, 60

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WELD BOLTS

WELD BOLTS FOR PROJECTION WELD



Generic Part Name: JWELB

Notes:

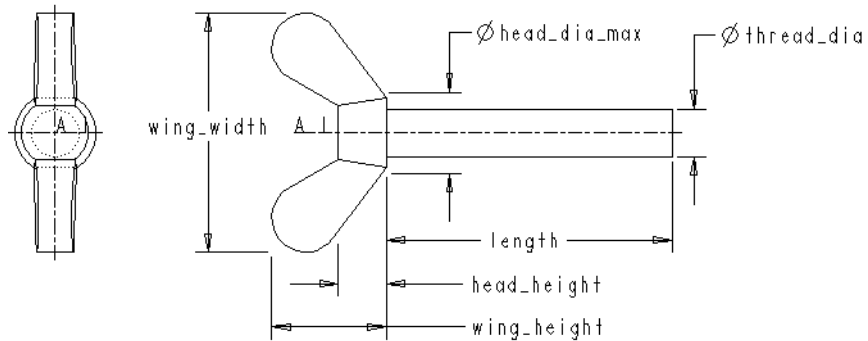
1. Corresponds to standard JIS B 1195.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL_DIA_THR_PITCH	thread_dia	flange_dia	flange_thick	project_dia	project_height	length
JWELB01	M4X0.7	4.0000	10.0000	1.3000	1.5000	0.7000	6 to 16 by 2, 20, 25
JWELB02	M5X0.8	5.0000	12.0000	1.8000	2.0000	0.7000	8 to 16 by 2, 20, 25, 30
JWELB03	M6X1	6.0000	14.0000	2.0000	2.5000	0.8000	12, 14, 16, 20 to 35 by 5
JWELB04	M8X1.25	8.0000	18.0000	2.5000	3.0000	0.8000	14, 16, 20 to 40 by 5
JWELB05	M10X1.5	10.0000	22.0000	3.5000	4.0000	1.0000	16, 20 to 40 by 5
JWELB06	M12X1.75	12.0000	26.0000	4.5000	4.0000	1.0000	20 to 50 by 5
JWELB07	M8X1	8.0000	18.0000	2.5000	3.0000	0.8000	14, 16, 20 to 40 by 5
JWELB08	M10X1.25	10.0000	22.0000	3.500	4.0000	1.0000	16, 20 to 40 by 5
JWELB09	M12X1.25	12.0000	26.0000	4.5000	4.0000	1.0000	20 to 50 by 5

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WING BOLTS

WING BOLTS, CLASS 1



Generic Part Name: JWBC1

Notes:

1. Corresponds to standard JIS B 1184.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

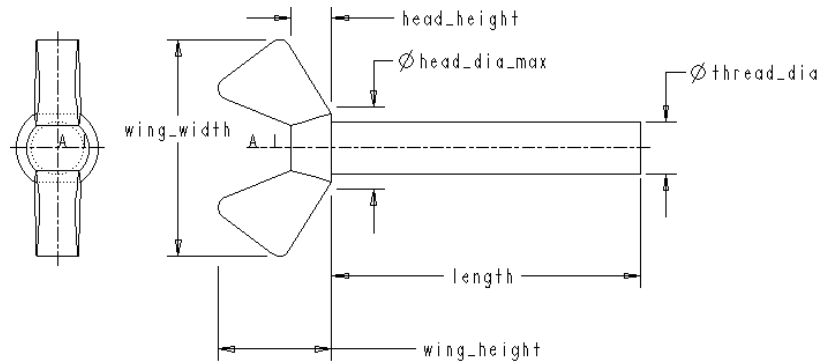
Name	NOMINAL _DIA_THR _PITCH	thread _dia	head_ dia_ _max	head_ height	wing_ width	wing_ height	length
JWBC101	M2X0.4	2.000	4.000	2.000	12.000	6.000	5, 6 to 16 by 2, 20, 25, 30
JWBC102	M2.2X0.45	2.200	4.000	2.000	12.000	6.000	5, 6 to 16 by 2, 20, 25, 30
JWBC103	M2.5X0.45	2.500	5.000	3.000	16.000	8.000	5, 6 to 16 by 2, 20, 25, 30
JWBC104	M3X0.5	3.000	5.000	3.000	16.000	8.000	5, 6 to 16 by 2, 20 to 40 by 5
JWBC105	M4X0.7	4.000	7.000	4.000	20.000	10.00	6 to 16 by 2, 20 to 40 by 5
JWBC106	M5X0.8	5.000	8.500	5.000	25.000	12.000	8 to 16 by 2, 20 to 50 by 5
JWBC107	M6X1	6.000	10.500	6.000	32.000	16.000	8 to 16 by 2, 20 to 60 by 5
JWBC108	M8X1.25	8.000	14.000	8.000	40.000	20.000	12, 14, 16, 20 to 70 by 5, 80
JWBC109	M10X1.5	10.000	18.000	10.000	50.000	25.000	14, 16, 20 to 70 by 5, 80, 90, 100

WING BOLTS

Name	NOMINAL _DIA_THR _PITCH	thread _dia	head_ dia_ max	head_ height	wing_ width	wing_ height	length
JWBC110	M12X1.75	12.000	22.000	12.000	60.000	30.000	20 to 70 by 5, 80, 90, 100
JWBC111	M16X2	16.000	26.000	14.000	70.000	35.000	25 to 70 by 5, 80 to 120 by 10
JWBC112	M20X2.5	20.000	34.000	18.000	90.000	45.000	50 to 70 by 5, 80 to 150 by 10
JWBC113	M24X3	24.000	43.000	22.000	112.00	56.000	35 to 70 by 5, 80 to 150 by 10

WING BOLTS

WING BOLTS, CLASS 2



Generic Part Name: JWBC2

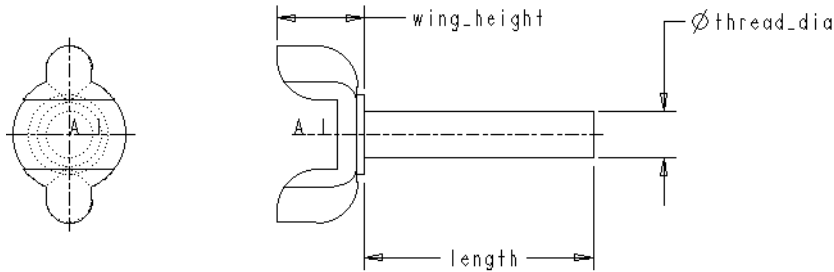
Notes:

1. Corresponds to standard JIS B 1184.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL _DIA_THR _PITCH	thread_ dia	head_ dia_ max	head_ height	wing_ width	wing_ height	length
JWBC201	M3X0.5	3.000	6.500	3.000	3.000	17.000	5, 6 to 16 by 2, 20 to 40 by 5
JWBC202	M4X0.7	4.000	6.500	3.000	3.000	17.000	6 to 16 by 2, 20 to 40 by 5
JWBC203	M5X0.8	5.000	8.000	4.000	4.000	21.000	8 to 16 by 2, 20 to 50 by 5
JWBC204	M6X1	6.000	10.000	4.500	4.500	27.000	8 to 16 by 2, 20 to 60 by 5
JWBC205	M8X1.25	8.000	13.000	6.000	6.000	31.000	12, 14, 16, 20 to 70 by 5, 80
JWBC206	M10X1.5	10.000	16.000	7.500	7.500	36.000	14, 16, 20 to 70 by 5, 80, 90, 100
JWBC207	M12X1.75	12.000	20.000	9.000	9.000	48.000	20 to 70 by 5, 80, 90, 100
JWBC208	M16X2	16.000	27.000	12.000	12.000	68.000	25 to 70 by 5, 80 to 120 by 10
JWBC209	M20X2.5	20.000	27.000	12.000	12.000	68.000	50 to 70 by 5, 80 to 150 by 10

WING BOLTS

WING BOLTS, CLASS 3



Generic Part Name: JWBC3

Notes:

1. Corresponds to standard JIS B 1184.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

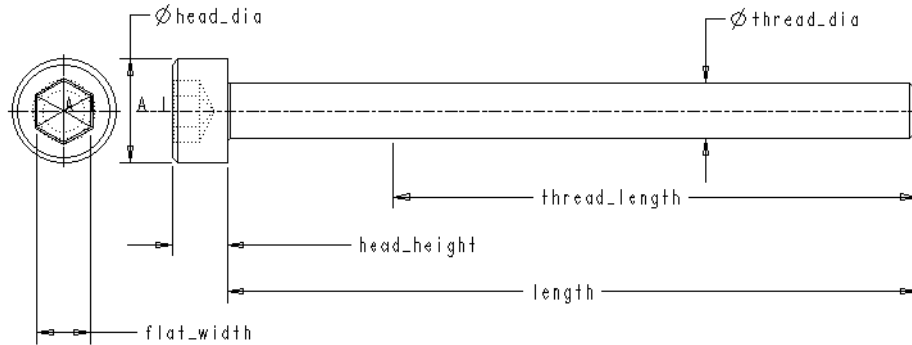
Name	NOMINAL _DIA_THR _PITCH	thread_ dia	wing_ height	length
JWBC301	M4X0.7	4.0000	8.5000	6 to 16 by 2, 20 to 40 by 5
JWBC302	M5X0.8	5.0000	10.5000	8 to 16 by 2, 20 to 50 by 5
JWBC303	M6X1	6.0000	11.5000	8 to 16 by 2, 20 to 60 by 5
JWBC304	M8X1.25	8.0000	15.0000	12, 14, 16, 20 to 70 by 5, 80
JWBC305	M10X1.5	10.0000	18.0000	14, 16, 20 to 70 by 5, 80, 90, 100

SECTION II
SCREWS

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HEX SOCKET HEAD SCREWS

HEX SOCKET HEAD CAP SCREWS



Generic Part Name: JHSKC

Notes:

1. Corresponds to standard ISO 4762 - 1989 and JIS B 1176.
2. When a range of lengths is indicated, the range is expressed as "from to incremented by".

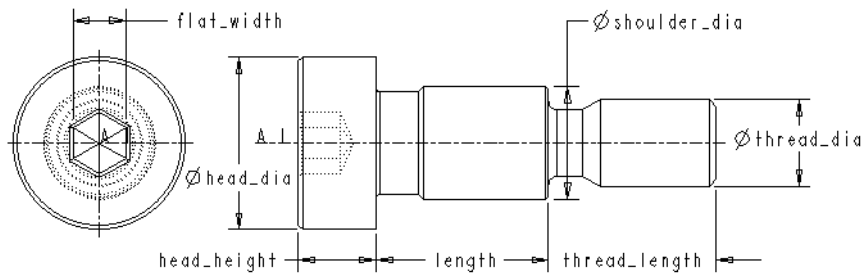
Name	NOM_SIZE _THR_ _PITCH	thread _dia	head _dia	head_ height	flat_ width	thread_length	length
JHSKC01	M1.6X0.35	1.600	3.000	1.600	1.560	1.45, 1.95 to 6.95 by 1, 8.95, 10.95, 14.95	2.5, 3 to 6 by 1, 8, 10, 12, 16
JHSKC02	M2X0.4	2.000	3.800	2.000	1.560	1.8 to 4.8 by 1, 6.8, 8.8, 10.8, 14.8, 16	3 to 6 by 1, 8, 10, 12, 16, 20
JHSKC03	M2.5X0.45	2.500	4.500	2.500	2.060	2.65, 3.65, 4.65, 6.65, 8.65, 10.65, 14.65, 17, 18.65	4, 5, 6, 8, 10, 12, 16, 20, 25
JHSKC04	M3X0.5	3.000	5.500	3.000	2.580	3.5, 4.5, 6.5, 8.5, 10, 14.5, 18, 18.5	5, 6, 8, 10, 12, 16, 20, 25, 30
JHSKC05	M4X0.7	4.000	7.000	4.000	3.080	3.9 to 9.9 by 2, 13.9, 17.9, 20, 22.9	6, 8, 10, 12, 16, 20 to 40 by 5
JHSKC06	M5X0.8	5.000	8.500	5.000	4.095	5.6, 7.6, 9.6, 13.6, 22, 22.6	8, 10, 12, 16, 20 to 50 by 5

HEX SOCKET HEAD SCREWS

Name	NOM_SIZE _THR_ PITCH	thread _dia	head _dia	head_ height	flat_ width	thread_length	length
JHSKC07	M6X1	6.000	10.000	6.000	5.140	7, 9, 13, 17, 22, 24, 27	10, 12, 16, 20 to 60 by 5
JHSKC08	M8X1.25	8.000	13.000	8.000	6.140	8.25, 12.25, 16.25, 21.25, 26.25, 28, 31.25	12, 16, 20, 25 to 65 by 5, 70, 80
JHSKC09	M10X1.5	10.000	16.000	10.000	8.175	11.5, 15.5, 20.5, 25.5, 30.5, 32, 35.5	16, 20 to 65 by 5, 70 to 100 by 10
JHSKC10	M12X1.75	12.000	18.000	12.000	10.175	14.75 to 34.75 by 5, 36, 39.75, 44.75	20 to 65 by 5, 70 to 120 by 10
JHSKC11	M16X2	16.000	24.000	16.000	14.212	19 to 54 by 5	25 to 65 by 5, 70 to 160 by 10
JHSKC12	M20X2.5	20.000	30.000	20.000	17.230	22.5 to 47.5 by 5, 52, 52.5, 57.5, 62.5	30 to 65 by 5, 70 to 160 by 10, 180, 200
JHSKC13	M24X3	24.000	36.000	24.000	19.275	31 to 56 by 5, 60, 61, 66	40 to 65 by 5, 70 to 160 by 10, 180, 200
JHSKC14	M30X3.5	30.000	45.000	30.000	22.275	34.5 to 59.5 by 5, 69.5, 72, 79.5, 89.5	45 to 65 by 5, 70 to 160 by 10, 180, 200
JHSKC15	M36X4	36.000	54.000	36.000	27.275	43 to 58 by 5, 68, 78, 84, 88, 98	55 to 65 by 5, 70 to 160 by 10, 180, 200
JHSKC16	M42X4.5	42.000	63.000	42.000	32.330	51.5, 56.5 to 86.5 by 10, 96, 96.5	65, 70 to 160 by 10, 180 to 300 by 20
JHSKC17	M48X5	48.000	72.000	48.000	36.330	65 to 105 by 10, 108, 115	80 to 160 by 10, 180 to 260 by 20, 300

HEX SOCKET HEAD SCREWS

HEX SOCKET HEAD SHOULDER SCREWS



Generic Part Name: JHSKS

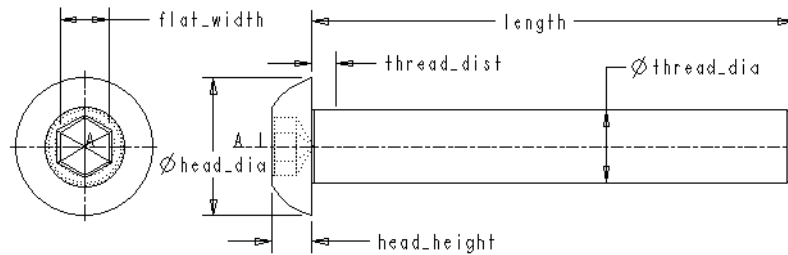
Notes:

1. Corresponds to standard ISO 7379 - 1983 and JIS B 1175.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL_SIZE	shoulder_dia	head_dia	head_height	flat_width	thread_dia	thread_length	length
JHSKS01	6.500	6.487	10.000	4.500	3.080	5.000	9.750	10, 12, 16, 20, 25, 30, 40
JHSKS02	8.000	7.987	13.000	5.500	4.095	6.000	11.250	12, 16, 20, 25, 30, 40, 50
JHSKS03	10.000	9.987	16.000	7.000	5.095	8.000	13.250	16, 20, 25, 30 to 100 by 10, 120
JHSKS04	13.000	12.984	18.000	9.000	6.095	10.000	16.400	16, 20, 25, 30 to 100 by 10, 120
JHSKS05	16.000	15.984	24.000	11.000	8.115	12.000	18.400	30 to 100 by 10, 120
JHSKS06	20.000	19.980	30.000	14.000	10.115	16.000	22.400	40 to 100 by 10, 120
JHSKS07	25.000	24.980	36.000	16.000	12.142	20.000	27.400	50 to 100 by 10, 120

HEX SOCKET HEAD SCREWS

HEX SOCKET BUTTON HEAD SCREWS



Generic Part Name: JHSKB

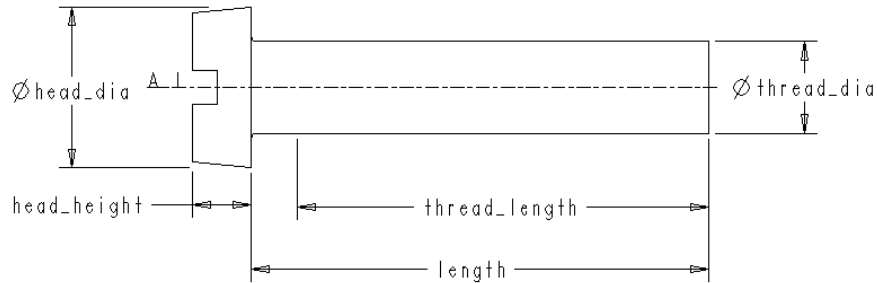
Notes:

1. Corresponds to standard ISO 7380 - 1983 and JIS B 1174.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOM_SIZE _THR_ PITCH	thread _dia	thread _dist	head_ dia	head_ height	flat_ width	length
JHSKB01	M3X0.5	3.000	1.0000	5.700	1.6500	2.045	6 to 12 by 2
JHSKB02	M4X0.7	4.000	1.4000	7.600	2.2000	2.560	8, 10, 12, 16
JHSKB03	M5X0.8	5.000	1.6000	9.500	2.7500	3.080	10, 12, 16, 20, 25, 30
JHSKB04	M6X1	6.000	2.0000	10.500	3.3000	4.095	10, 12, 16, 20, 25, 30
JHSKB05	M8X1.25	8.000	2.5000	14.000	4.4000	5.095	10, 12, 16, 20 to 40 by 5
JHSKB06	M10X1.5	10.000	3.0000	17.500	5.5000	6.095	16, 20 to 40 by 5
JHSKB07	M12X1.75	12.000	3.5000	21.000	6.6000	8.115	16, 20 to 50 by 5
JHSKB08	M16X2	16.000	4.0000	28.000	8.8000	10.115	25 to 50 by 5

SLOTTED HEAD MACHINE SCREWS

SLOTTED CHEESE HEAD MACHINE SCREWS



Generic Part Name: JSLGS

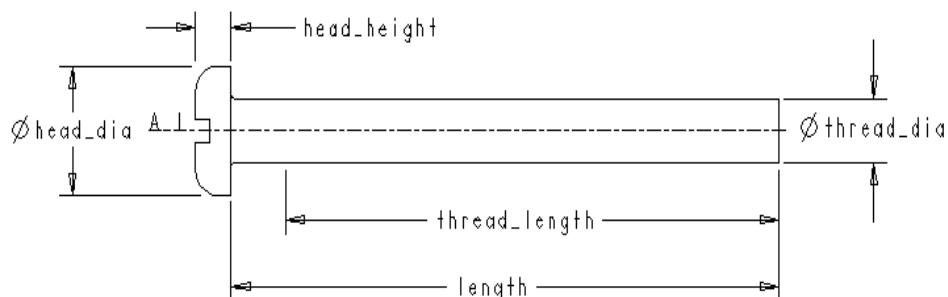
Notes:

1. Corresponds to standard ISO 1207 - 1983 and JIS B 1101 - 1987.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL_DIA_THR_PITCH	thread_dia	head_dia	head_height	length	thread_length
JSLGS01	M4X0.7	4.0000	7.0000	2.60000	5, 6 to 12 by 2, 16, 20 to 40 by 5	3.6, 4.6 to 10.6 by 2, 14.6, 18.6 to 38.6 by 5
JSLGS02	M5X0.8	5.0000	8.5000	3.30000	6 to 12 by 2, 16, 20 to 50 by 5	4.4 to 10.4 by 2, 14.4, 18.4 to 38.4 by 5, 38
JSLGS03	M6X1	6.0000	10.0000	3.90000	8, 10, 12, 16, 20 to 50 by 5, 60	6, 8, 10, 14, 18 to 38 by 5
JSLGS04	M8X1.25	8.0000	13.0000	5.00000	10, 12, 16, 20 to 50 by 5, 60, 70, 80	7.5, 9.5, 13.5, 17.5 to 37.5 by 5, 38
JSLGS05	M10X1.5	10.0000	16.0000	6.00000	12, 16, 20 to 50 by 5, 60, 70, 80	9, 13, 17 to 37 by 5, 38

ISO SLOTTED HEAD MACHINE SCREWS

SLOTTED PAN HEAD MACHINE SCREWS



Generic Part Name: JSLPS

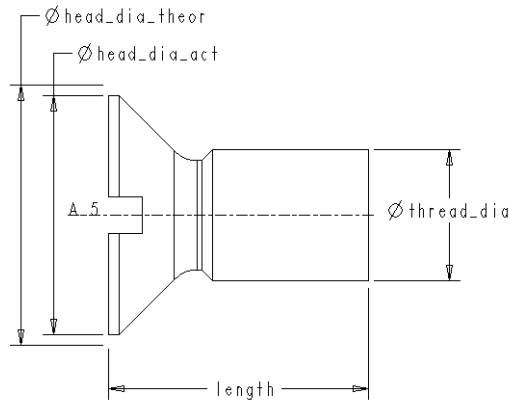
Notes:

1. Corresponds to standard ISO 1580 - 1983 and JIS B 1101 - 1987.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL_DIA_THR_PITCH	thread_dia	head_dia	head_height	length	thread_length
JSLPS01	M1.6X0.35	1.6000	3.2000	1.00000	2, 2.5, 3 to 6 by 1, 8, 10, 12, 16	1.3, 1.8, 2.3 to 5.3 by 1, 7.3, 9.3, 11.3, 15.3
JSLPS02	M2X0.4	2.0000	4.0000	1.30000	2.5, 3 to 6 by 1, 8, 10, 12, 16, 20	1.7, 2.2 to 5.2 by 1, 7.2, 9.2, 11.2, 15.2, 19.2
JSLPS03	M2.5X0.45	2.5000	5.0000	1.50000	3 to 6 by 1, 8, 10, 12, 16, 20, 25	2.1 to 5.1 by 1, 7.1, 9.1, 11.1, 15.1, 19.1, 24.1
JSLPS04	M3X0.5	3.0000	5.6000	1.80000	4, 5, 6 to 12 by 2, 16, 20, 25, 30	3, 4, 5 to 11 by 2, 15, 19, 24, 29
JSLPS05	M4X0.7	4.0000	8.0000	2.40000	5, 6 to 12 by 2, 16, 20 to 40 by 5	3.6, 4.6 to 10.6 by 2, 14.6, 18.6 to 38.6 by 5
JSLPS06	M5X0.8	5.0000	9.5000	3.00000	6 to 12 by 2, 16, 20 to 50 by 5	4.4 to 10.4 by 2, 14.4, 18.4 to 38.4 by 5, 38
JSLPS07	M6X1	6.0000	12.0000	3.60000	8, 10, 12, 16, 20 to 50 by 5, 60	6, 8, 10, 14, 18 to 38 by 5
JSLPS08	M8X1.25	8.0000	16.0000	4.80000	10, 12, 16, 20 to 50 by 5, 60, 70, 80	7.5, 9.5, 13.5, 17.5 to 37.5 by 5, 38
JSLPS09	M10X1.5	10.0000	20.0000	6.00000	12, 16, 20 to 50 by 5, 60, 70, 80	9, 13, 17 to 37 by 5, 38

ISO SLOTTED HEAD MACHINE SCREWS

SLOTTED COUNTERSUNK HEAD MACHINE SCREWS



Generic Part Name: JSLCS

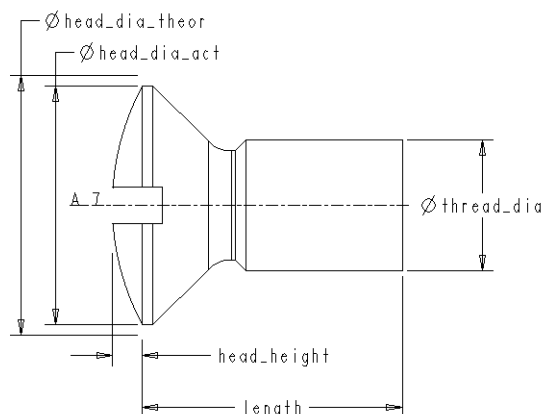
Notes:

1. Corresponds to standard ISO 2009 - 1983 and JIS B 1101 - 1987.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL_ DIA_THR_ PITCH	thread_ dia	head_dia_ theor	head_dia_ act	length
JSLCS01	M1.6X0.35	1.6000	3.6000	3.0000	2.5, 3 to 6 by 1, 8, 10, 12, 16
JSLCS02	M2X0.4	2.0000	4.4000	3.8000	3 to 6 by 1, 8, 10, 12, 16, 20
JSLCS03	M2.5X0.45	2.5000	5.5000	4.7000	4, 5, 6, 8, 10, 12, 16, 20, 25
JSLCS04	M3X0.5	3.0000	6.3000	5.5000	5, 6, 8, 10, 12, 16, 20, 25, 30
JSLCS05	M4X0.7	4.0000	9.4000	8.4000	5, 6, 8, 10, 12, 16, 20 to 40 by 5
JSLCS06	M5X0.8	5.0000	10.4000	9.3000	8, 10, 12, 16, 20 to 50 by 5
JSLCS07	M6X1	6.0000	12.6000	11.3000	8, 10, 12, 16, 20 to 50 by 5, 60
JSLCS08	M8X1.25	8.0000	17.3000	15.8000	10, 12, 16, 20 to 50 by 5, 60, 70, 80
JSLCS09	M10X1.5	10.0000	20.0000	18.3000	12, 16, 20 to 50 by 5, 60, 70, 80

ISO SLOTTED HEAD MACHINE SCREWS

SLOTTED RAISED COUNTERSUNK HEAD MACHINE SCREWS



Generic Part Name: JSLRS

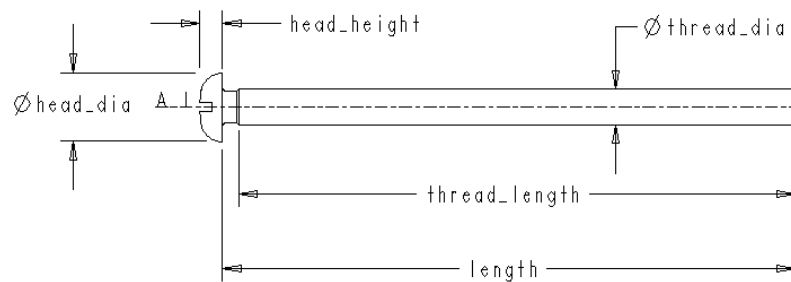
Notes:

1. Corresponds to standard ISO 2010 - 1983 and JIS B 1101 - 1987.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL_ DIA_THR_ PITCH	thread_ dia	head_ dia_ theor	head_ dia_ act	head_ height	length
JSLRS01	M1.6X0.35	1.6000	3.6000	3.0000	0.40000	2.5, 3 to 6 by 1, 8, 10, 12, 16
JSLRS02	M2X0.4	2.0000	4.4000	3.8000	0.50000	3 to 6 by 1, 8, 10, 12, 16, 20
JSLRS03	M2.5X0.45	2.5000	5.5000	4.7000	0.60000	4, 5, 6, 8, 10, 12, 16, 20, 25
JSLRS04	M3X0.5	3.0000	6.3000	5.5000	0.70000	5, 6, 8, 10, 12, 16, 20, 25, 30
JSLRS05	M4X0.7	4.0000	9.4000	8.4000	1.00000	5, 6, 8, 10, 12, 16, 20 to 40 by 5
JSLRS06	M5X0.8	5.0000	10.4000	9.3000	1.20000	8, 10, 12, 16, 20 to 50 by 5
JSLRS07	M6X1	6.0000	12.6000	11.3000	1.40000	8, 10, 12, 16, 20 to 50 by 5, 60
JSLRS08	M8X1.25	8.0000	17.3000	15.8000	2.00000	10, 12, 16, 20 to 50 by 5, 60, 70, 80
JSLRS09	M10X1.5	10.0000	20.0000	18.3000	2.30000	12, 16, 20 to 50 by 5, 60, 70, 80

NON-ISO SLOTTED HEAD MACHINE SCREWS

PAN HEAD MACHINE SCREWS



Generic Part Name: JSAPS

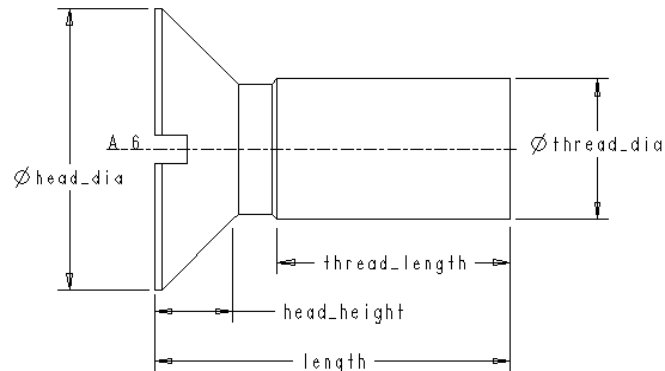
Notes:

1. Corresponds to standard JIS B 1101.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL_DIA_THR_PITCH	thread_dia	head_dia	head_height	length	thread_length
JSAPS01	M1.0X0.25	1.00000	2.0000	0.65000	3 to 6 by 1, 8, 10	2.5 to 5.5 by 1, 6
JSAPS02	M1.2X0.25	1.20000	2.3000	0.80000	3 to 6 by 1, 8, 10, 12	2.5 to 5.5 by 1, 7.5, 9.5, 11.5
JSAPS03	M1.6X0.35	1.60000	3.0000	1.00000	3 to 6 by 1, 8 to 16 by 2	2.3 to 5.3 by 2, 7.3, 8
JSAPS04	M2X0.4	2.00000	3.5000	1.30000	4, 5, 6 to 16 by 2, 20	3.2, 4.2, 5.2, 7.2, 8
JSAPS05	M2.5X0.45	2.50000	4.5000	1.70000	5, 6 to 16 by 2, 20, 25, 30	4.1, 5.1 to 11.1 by 2, 12
JSAPS06	M3X0.5	3.00000	5.5000	2.00000	5, 6 to 16 by 2, 20 to 40 by 5	4, 5 to 11 by 2, 12
JSAPS07	M4X0.7	4.00000	7.0000	2.60000	6 to 16 by 2, 20 to 50 by 5	4.6 to 14.6 by 2, 16
JSAPS08	M5X0.8	5.00000	9.0000	3.30000	8 to 16 by 2, 20 to 50 by 5	6.4 to 14.4 by 2, 18.4, 20
JSAPS09	M6X1	6.00000	10.5000	3.90000	8 to 16 by 2, 20 to 60 by 5	6 to 14 by 2, 18, 23, 25
JSAPS10	M8X1.25	8.00000	14.0000	5.20000	10 to 16 by 2, 20 to 60 by 5	7.5 to 13.5 by 2, 17.5, 22.5, 27.5, 30

NON-ISO SLOTTED HEAD MACHINE SCREWS

COUNTERSUNK HEAD MACHINE SCREWS



Generic Part Name: JSACS

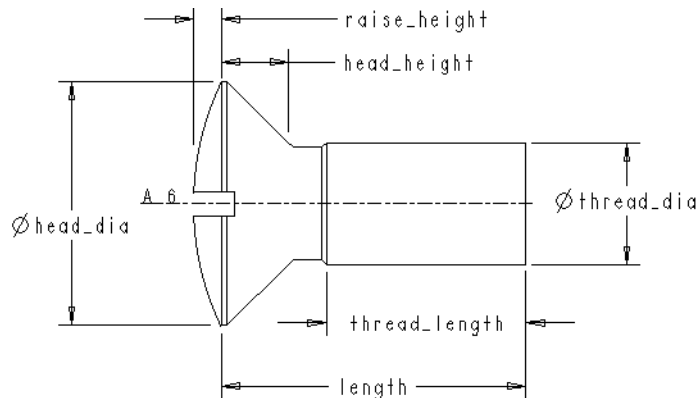
Notes:

1. Corresponds to standard JIS B 1101.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL DIA_THR - PITCH	thread_ dia	head_ dia	head_ height	length	thread_length
JSACS01	M1X0.25	1.00000	2.0000	0.60000	4, 5, 6, 8, 10	2.9, 3.9, 4.9, 6
JSACS02	M1.2X0.25	1.20000	2.4000	0.70000	4, 5, 6 to 12 by 2	2.8, 3.8, 4.8, 6
JSACS03	M1.6X0.35	1.60000	3.2000	0.95000	5, 6 to 16 by 2	3.35, 4.35, 6.35, 8
JSACS04	M2X0.4	2.00000	4.0000	1.20000	5, 6 to 16 by 2, 20	3, 4, 6, 8
JSACS05	M2.5X0.45	2.50000	5.0000	1.45000	6 to 16 by 2, 20, 25, 30	3.65 to 11.65 by 2, 12
JSACS06	M3X0.5	3.00000	6.0000	1.75000	6 to 16 by 2, 20 to 40 by 5	3.25 to 11.25 by 2, 12
JSACS07	M4X0.7	4.00000	8.0000	2.30000	8 to 16 by 2, 20 to 50 by 5	4.3 to 12.3 by 2, 16
JSACS08	M5X0.8	5.00000	10.0000	2.80000	10 to 16 by 2, 20 to 50 by 5	5.6 to 11.6 by 2, 15.6, 20
JSACS09	M6X1	6.00000	12.0000	3.40000	12, 14, 16, 20 to 60 by 5	6.6, 8.6, 10.6, 14.6, 19.6, 24.6, 25
JSACS10	M8X1.25	8.00000	16.0000	4.40000	14, 16, 20 to 60 by 5	7.1, 9.1, 13.1 to 28.1 by 5, 30

NON-ISO SLOTTED HEAD MACHINE SCREWS

RAISED COUNTERSUNK HEAD MACHINE SCREWS



Generic Part Name: JSARS

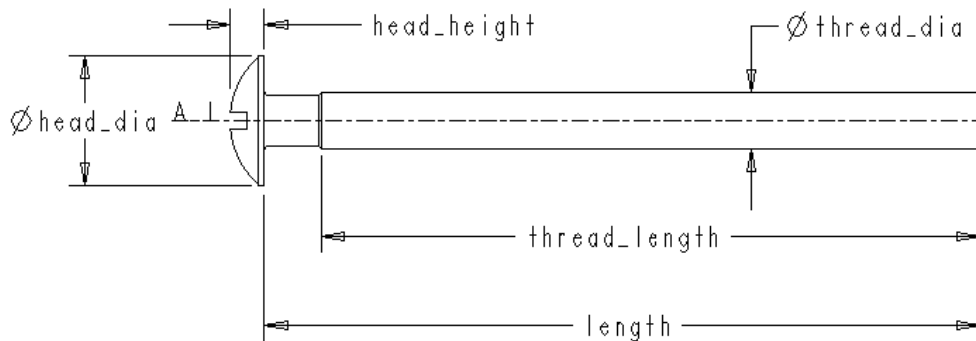
Notes:

1. Corresponds to standard JIS B 1101.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL DIA_THR PITCH	thread_ dia	head_ dia	head_ height	length	thread_length
JSARS01	M1X0.25	1.00000	2.0000	0.60000	4, 5, 6, 8, 10	2.9, 3.9, 4.9, 6
JSARS02	M1.2X0.25	1.20000	2.4000	0.70000	4, 5, 6 to 12 by 2	2.8, 3.8, 4.8, 6
JSARS03	M1.6X0.35	1.60000	3.2000	0.95000	5, 6 to 16 by 2	3.35, 4.35, 6.35, 8
JSARS04	M2X0.4	2.00000	4.0000	1.20000	5, 6 to 16 by 2, 20	3, 4, 6, 8
JSARS05	M2.5X0.45	2.50000	5.0000	1.45000	6 to 16 by 2, 20, 25, 30	3.65 to 11.65 by 2, 12
JSARS06	M3X0.5	3.00000	6.0000	1.75000	6 to 16 by 2, 20 to 40 by 5	3.25 to 11.25 by 2, 12
JSARS07	M4X0.7	4.00000	8.0000	2.30000	8 to 16 by 2, 20 to 50 by 5	4.3 to 12.3 by 2, 16
JSARS08	M5X0.8	5.00000	10.0000	2.80000	10 to 16 by 2, 20 to 50 by 5	5.6 to 11.6 by 2, 15.6, 20
JSARS09	M6X1	6.00000	12.0000	3.40000	12, 14, 16, 20 to 60 by 5	6.6, 8.6, 10.6, 14.6, 19.6, 24.6, 25
JSARS10	M8X1.25	8.00000	16.0000	4.40000	14, 16, 20 to 60 by 5	7.1, 9.1, 13.1 to 28.1 by 5, 30

NON-ISO SLOTTED HEAD MACHINE SCREWS

TRUSS HEAD MACHINE SCREWS



Generic Part Name: JSATS

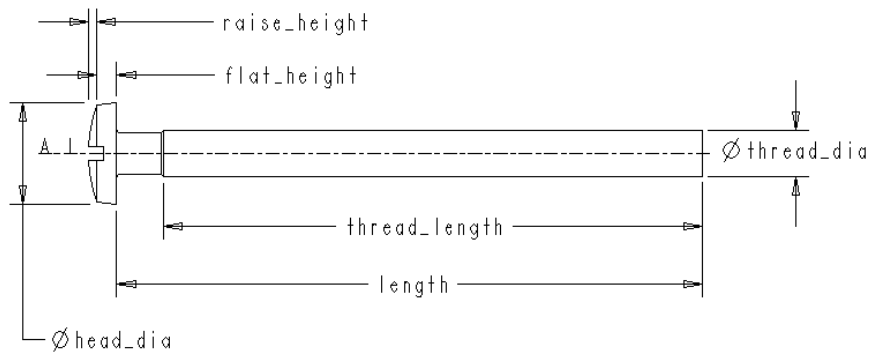
Notes:

1. Corresponds to standard JIS B 1101.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL DIA_THR _PITCH	thread_ dia	head_ dia	head_ height	length	thread_length
JSATS01	M2X0.4	2.00000	4.5000	1.20000	4, 5, 6 to 16 by 2, 20	3.2, 4.2, 5.2, 7.2, 8 2, 20
JSATS02	M2.5X0.45	2.50000	5.7000	1.50000	5, 6 to 16 by 2, 20, 25, 30	4.1, 5.1 to 11.1 by 2, 12
JSATS03	M3X0.5	3.00000	6.9000	1.90000	5, 6 to 16 by 2, 20 to 40 by 5	4, 5 to 11 by 2, 12
JSATS04	M4X0.7	4.00000	9.4000	2.50000	6 to 16 by 2, 20 to 50 by 5	4.6 to 14.6 by 2, 16
JSATS05	M5X0.8	5.00000	11.8000	3.10000	8 to 16 by 2, 20 to 50 by 5	6.4 to 14.4 by 2, 18.4, 20
JSATS06	M6X1	6.00000	14.0000	3.70000	8 to 16 by 2, 20 to 60 by 5	6 to 14 by 2, 18, 23, 25
JSATS07	M8X1.25	8.00000	17.8000	4.80000	10 to 16 by 2, 20 to 60 by 5	7.5 to 13.5 by 2, 17.5, 22.5, 27.5, 30

NON-ISO SLOTTED HEAD MACHINE SCREWS

BINDING HEAD MACHINE SCREWS



Generic Part Name: JSABS

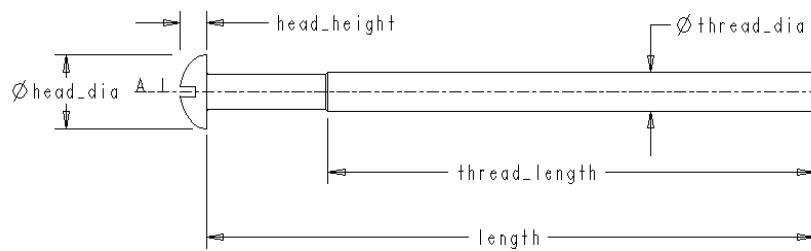
Notes:

1. Corresponds to standard JIS B 1101.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL DIA_THR _PITCH	thread_ dia	head_ dia	flat_ height	raise_ height	length	thread_length
JSABS01	M2X0.4	2.00000	4.3000	0.85000	0.35000	4, 5, 6 to 16 by 2, 20	3.2, 4.2, 5.2, 7.2, 8
JSABS02	M2.5X0.45	2.50000	5.3000	1.00000	0.50000	5, 6 to 16 by 2, 20, 25, 30	4.1, 5.1 to 11.1 by 2, 12
JSABS03	M3X0.5	3.00000	6.3000	1.30000	0.60000	5, 6 to 16 by 2, 20 to 40 by 5	4, 5 to 11 by 2, 12
JSABS04	M4X0.7	4.00000	8.3000	1.70000	0.80000	6 to 16 by 2, 20 to 50 by 5	4.6 to 14.6 by 2, 16
JSABS05	M5X0.8	5.00000	10.3000	2.10000	1.00000	8 to 16 by 2, 20 to 50 by 5	6.4 to 14.4 by 2, 18.4, 20
JSABS06	M6X1	6.00000	12.4000	2.40000	1.30000	8 to 16 by 2, 20 to 60 by 5	6 to 14 by 2, 18, 23, 25
JSABS07	M8X1.25	8.00000	16.4000	3.10000	1.70000	10 to 16 by 2, 20 to 60 by 5	7.5 to 13.5 by 2, 17.5, 22.5, 27.5, 30

NON-ISO SLOTTED HEAD MACHINE SCREWS

ROUND HEAD MACHINE SCREWS



Generic Part Name: JSARN

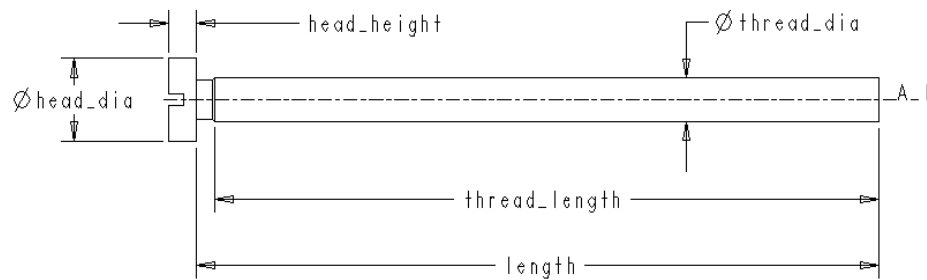
Notes:

1. Corresponds to standard JIS B 1101.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL _DIA_THR _PITCH	thread_ dia	head_ dia	head_ height	length	thread_length
JSARN01	M1.0X0.25	1.00000	2.0000	0.80000	3 to 6 by 1, 8, 10	2.5 to 5.5 by 1, 6
JSARN02	M1.2X0.25	1.20000	2.3000	0.90000	3 to 6 by 1, 8, 10,12	2.5 to 5.5 by 1, 7.5, 9.5, 11.5
JSARN03	M1.6X0.35	1.60000	3.0000	1.10000	3 to 6 by 1, 8 to 16 by 2	2.3 to 5.3 by 1, 7.3, 8 by 2
JSARN04	M2X0.4	2.00000	3.5000	1.30000	4, 5, 6 to 16 by 2, 20	3.2, 4.2, 5.2, 7.2, 8 by 2
JSARN05	M2.5X0.45	2.50000	4.5000	1.70000	5, 6 to 16 by 2, 20, 25, 30	4.1, 5.1 to 11.1 by 2, 12
JSARN06	M3X0.5	3.00000	5.5000	2.00000	5, 6 to 16 by 2, 20 to 40 by 5	4, 5 to 11 by 2, 12 by 2
JSARN07	M4X0.7	4.00000	7.0000	2.60000	6 to 16 by 2, 20 to 50 by 5	4.6 to 14.6 by 2, 16 by 2
JSARN08	M5X0.8	5.00000	9.0000	3.40000	8 to 16 by 2, 20 to 50 by 5	6.4 to 14.4 by 2, 18.4, 20
JSARN09	M6X1	6.00000	10.5000	4.00000	8 to 16 by 2, 20 to 60 by 5	6 to 14 by 2, 18, 23, 25
JSARN10	M8X1.25	8.00000	14.0000	5.40000	10 to 16 by 2, 20 to 60 by 5	7.5 to 13.5 by 2, 17.5, 22.5, 27.5, 30

NON-ISO SLOTTED HEAD MACHINE SCREWS

FLAT FILLISTER HEAD MACHINE SCREWS



Generic Part Name: JSAFS

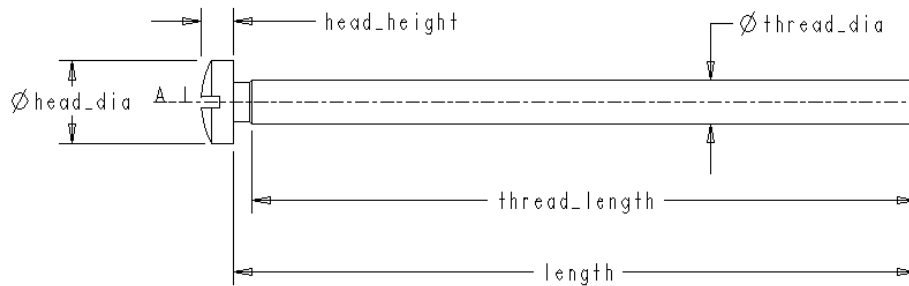
Notes:

1. Corresponds to standard JIS B 1101.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL _DIA_THR _PITCH	thread_ dia	head_ dia	head_ height	length	thread_length
JSAFS01	M1.0X0.25	1.00000	2.0000	0.65000	3 to 6 by 1, 8, 10	2.5 to 5.5 by 1, 6
JSAFS02	M1.2X0.25	1.20000	2.3000	0.80000	3 to 6 by 1, 8, 10,12	2.5 to 5.5 by 1, 7.5, 9.5, 11.5
JSAFS03	M1.6X0.35	1.60000	3.0000	1.00000	3 to 6 by 1, 8 to 16 by 2	2.3 to 5.3 by 1, 7.3, 8 by 2
JSAFS04	M2X0.4	2.00000	3.5000	1.30000	4, 5, 6 to 16 by 2, 20	3.2, 4.2, 5.2, 7.2, 8
JSAFS05	M2.5X0.45	2.50000	4.5000	1.70000	5, 6 to 16 by 2, 20, 25, 30	4.1, 5.1 to 11.1 by 2, 12
JSAFS06	M3X0.5	3.00000	5.5000	2.00000	5, 6 to 16 by 2, 20 to 40 by 5	4, 5 to 11 by 2, 12
JSAFS07	M4X0.7	4.00000	7.0000	2.60000	6 to 16 by 2, 20 to 50 by 5	4.6 to 14.6 by 2, 16
JSAFS08	M5X0.8	5.00000	9.0000	3.30000	8 to 16 by 2, 20 to 50 by 5	6.4 to 14.4 by 2, 18.4, 20
JSAFS09	M6X1	6.00000	10.5000	3.90000	8 to 16 by 2, 20 to 60 by 5	6 to 14 by 2, 18, 23, 25
JSAFS10	M8X1.25	8.00000	14.0000	5.20000	10 to 16 by 2, 20 to 60 by 5	7.5 to 13.5 by 2, 17.5, 22.5, 27.5, 30

NON-ISO SLOTTED HEAD MACHINE SCREWS

OVAL FILLISTER HEAD MACHINE SCREWS



Generic Part Name: JSAOF

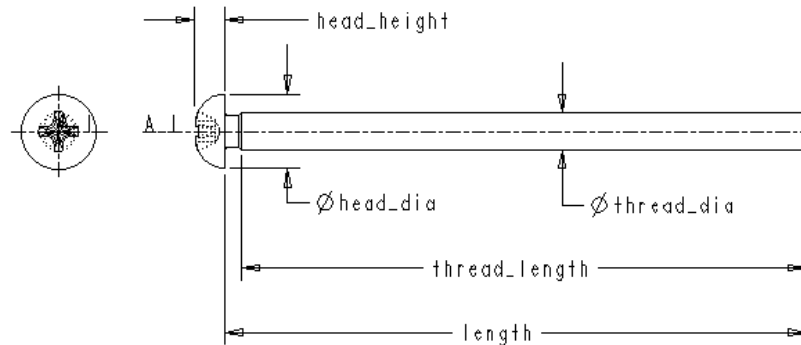
Notes:

1. Corresponds to standard JIS B 1101.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL _DIA_THR _PITCH	thread_ dia	head_ dia	head_ height	length	thread_length
JSAOF01	M1.0X0.25	1.00000	2.0000	0.75000	3 to 6 by 1, 8, 10	2.5 to 5.5 by 1, 6
JSAOF02	M1.2X0.25	1.20000	2.3000	0.90000	3 to 6 by 1, 8, 10,12	2.5 to 5.5 by 1, 7.5, 9.5, 11.5
JSAOF03	M1.6X0.35	1.60000	3.0000	1.15000	3 to 6 by 1, 8 to 16 by 2	2.3 to 5.3 by 1, 7.3, 8
JSAOF04	M2X0.4	2.00000	3.5000	1.45000	4, 5, 6 to 16 by 2, 20	3.2, 4.2, 5.2, 7.2, 8
JSAOF05	M2.5X0.45	2.50000	4.5000	1.90000	5, 6 to 16 by 2, 20, 25, 30	4.1, 5.1 to 11.1 by 2, 12
JSAOF06	M3X0.5	3.00000	5.5000	2.20000	5, 6 to 16 by 2, 20 to 40 by 5	4, 5 to 11 by 2, 12
JSAOF07	M4X0.7	4.00000	7.0000	2.90000	6 to 16 by 2, 20 to 50 by 5	4.6 to 14.6 by 2, 16
JSAOF08	M5X0.8	5.00000	9.0000	3.60000	8 to 16 by 2, 20 to 50 by 5	6.4 to 14.4 by 2, 18.4, 20
JSAOF09	M6X1	6.00000	10.5000	4.30000	8 to 16 by 2, 20 to 60 by 5	6 to 14 by 2, 18, 23, 25
JSAOF10	M8X1.25	8.00000	14.0000	5.70000	10 to 16 by 2, 20 to 60 by 5	7.5 to 13.5 by 2, 17.5, 22.5, 27.5, 30

CROSS RECESSED HEAD SCREWS

CROSS RECESSED PAN HEAD SCREWS



Generic Part Name: JCRPS

Notes:

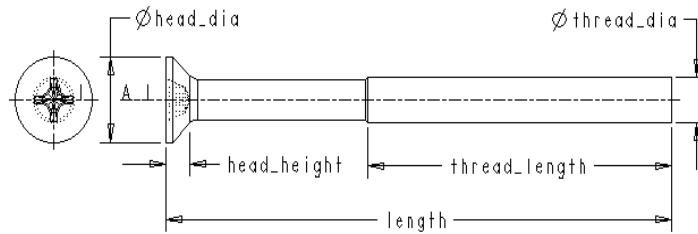
1. Corresponds to standard ISO 7045 - 1983 and JIS B 1111.
2. When a range of lengths is indicated, the range is expressed as "from to incremented by".

Name	NOMINAL _DIA_THR _PITCH	thread_ dia	head_ dia	head_ height	length	thread_length
JCRPS01	M1.6X.35	1.6000	3.2000	1.3000	3, 4, 5, 6 to 12 by 2, 16	2.3 to 5.3 by 1, 7.3, 9.3, 11.3, 15.3
JCRPS02	M2X0.4	2.0000	4.0000	1.6000	3 to 6 by 1, 8, 10, 12, 16, 20	2.2 to 5.2 by 1, 7.2, 9.2, 11.2, 15.2, 19.2
JCRPS03	M2.5X0.45	2.5000	5.0000	2.1000	3 to 6 by 1, 8, 10, 12, 16, 20, 25	2.1 to 5.1 by 1, 7.1, 9.1, 11.1, 15.1, 19.1, 24.1
JCRPS04	M3X0.5	3.0000	5.6000	2.4000	4, 5, 6 to 12 by 2, 16, 20, 25, 30	3, 4, 5 to 11 by 2, 15, 19, 24, 25
JCRPS05	M4X0.7	4.0000	8.0000	3.1000	5, 6 to 12 by 2, 16, 20 to 35 by 5	3.6, 4.6 to 10.6 by 2, 14.6, 18.6, 23.6 to 33.6 by 5
JCRPS06	M5X0.8	5.0000	9.5000	3.7000	6 to 12 by 2, 16, 20 to 40 by 5	4.4 to 10.4 by 2, 14.4, 18.4 to 38.4 by 5
JCRPS07	M6X1	6.0000	12.0000	4.6000	8, 10, 12, 16, 20 to 45 by 5	6, 8, 10, 14, 18, 23 to 38 by 5

ISO CROSS RECESSED HEAD SCREWS

Name	NOMINAL _DIA_THR _PITCH	thread_ dia	head_ dia	head_ height	length	thread_length
JCRPS08	M8X1.25	8.0000	16.0000	6.0000	10, 12, 16, 20 to 50 by 5	7.5, 9.5, 13.5, 17.5 to 37.5 by 5, 38
JCRPS09	M10X1.5	10.0000	20.0000	7.5000	12, 16, 20 to 50 by 5, 60	9, 13, 17, 22 to 37 by 5, 38

CROSS RECESSED COUNTERSUNK FLAT HEAD SCREWS



Generic Part Name: JCRFC

Notes:

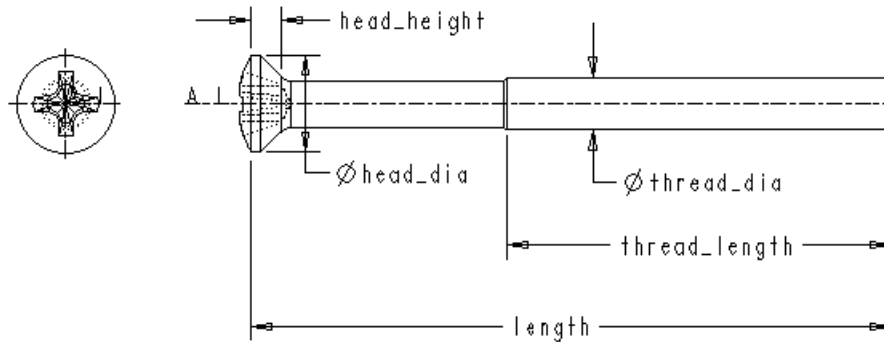
1. Corresponds to standard ISO 7046 - 1983 and JIS B 1111.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL _DIA_THR _PITCH	thread_ dia	head_ dia	head_ height	length	thread_length
JCRFC01	M1.6X.35	1.6000	3.0000	1.0000	6 to 12 by 2, 16, 20 to 40 by 5	1.7 to 7.7 by 2, 11.7, 15.7 to 35.7 by 5
JCRFC02	M2X0.4	2.0000	3.8000	1.2000	3, 4, 5, 6 to 12 by 2, 16, 20	1, 2, 3, 4 to 10 by 2, 14, 18
JCRFC03	M2.5X0.45	2.5000	4.7000	1.5000	3, 4, 5, 6 to 12 by 2, 16, 20, 25	0.6 to 3.6 by 1, 5.6, 7.6, 9.6, 13.6, 17.6, 22.6
JCRFC04	M3X0.5	3.0000	5.5000	1.6500	4, 5, 6 to 12 by 2, 16, 20, 25, 30	1.35, 2.35, 3.35 to 9.35 by 2, 13.35, 17.35, 22.35, 27.35
JCRFC05	M4X0.7	4.0000	8.4000	2.7000	5, 6 to 12 by 2, 16, 20 to 35 by 5	0.9, 1.9 to 7.9 by 2, 11.9, 15.9 to 30.9 by 5
JCRFC06	M5X0.8	5.0000	9.3000	2.7000	6 to 12 by 2, 16, 20 to 40 by 5	1.7 to 7.7 by 2, 11.7, 15.7 to 35.7 by 5
JCRFC07	M6X1	6.0000	11.3000	3.3000	8, 10, 12, 16, 20 to 45 by 5	2.7, 4.7, 6.7, 10.7, 14.7 to 39.7 by 5

ISO CROSS RECESSED HEAD SCREWS

Name	NOMINAL _DIA_THR _PITCH	thread_ dia	head_ dia	head_ height	length	thread_length
JCRFC08	M8X1.25	8.0000	15.8000	4.6500	10, 12, 16, 20 to 50 by 5	2.85, 4.85, 8.85, 12.85 to 37.85 by 5, 38
JCRFC09	M10X1.5	10.0000	18.3000	5.0000	12, 16, 20 to 60 by 5	4, 8, 12, 17 to 37 by 5, 38

CROSS RECESSED RAISED COUNTERSUNK HEAD SCREWS



Generic Part Name: JCRRS

Notes:

1. Corresponds to standard ISO 7047 - 1983 and JIS B 1111.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

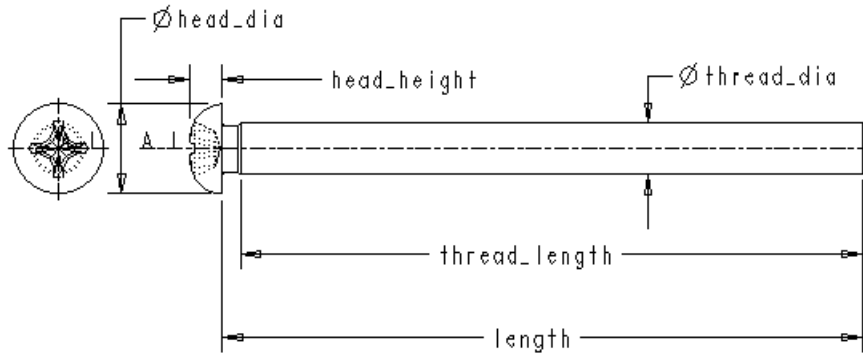
Name	NOMINAL DIA_THR _PITCH	thread_ dia	head_ dia	head_ height	length	thread_length
JCRRS01	M1.6X.35	1.6000	3.0000	1.0000	3, 4, 5, 6 to 12 by 2, 16	1.3, 2.3, 3.3, 4.3 to 10.3 by 2, 14.3
JCRRS02	M2X0.4	2.0000	3.8000	1.2000	3, 4, 5, 6 to 12 by 2, 16, 20	1, 2, 3, 4 to 10 by 2, 14, 18
JCRRS03	M2.5X0.45	2.5000	4.7000	1.5000	3, 4, 5, 6 to 12 by 2, 16, 20, 25	0.6, 1.6, 2.6, 3.6 to 9.6 by 2, 13.6, 17.6, 22.6
JCRRS04	M3X0.5	3.0000	5.5000	1.6500	4, 5, 6 to 12 by 2, 16, 20, 25, 30	1.35, 2.35, 3.35 to 9.35 by 2, 13.35, 17.35, 22.35, 27.35
JCRRS05	M4X0.7	4.0000	8.4000	2.7000	5, 6 to 12 by 2, 16, 20 to 35 by 5	0.9, 1.9 to 7.9 by 2, 11.9, 15.9 to 30.9 by 5
JCRRS06	M5X0.8	5.0000	9.3000	2.7000	6 to 12 by 2, 16, 20 to 40 by 5	1.7 to 7.7 by 2, 11.7, 15.7 to 35.7 by 5
JCRRS07	M6X1	6.0000	11.3000	3.3000	8, 10, 12, 16, 20 to 45 by 5	2.7, 4.7, 6.7, 10.7, 14.7 to 39.7 by 5

ISO CROSS RECESSED HEAD SCREWS

Name	NOMINAL _DIA_THR _PITCH	thread_ dia	head_ dia	head_ height	length	thread_length
JCRRS08	M8X1.25	8.0000	15.8000	4.6500	10, 12, 16, 20 to 50 by 5	2.85, 4.85, 8.85, 12.85 to 37.85 by 5, 38
JCRRS09	M10X1.5	10.0000	18.3000	5.0000	12, 16, 20 to 60 by 5	4, 8, 12 to 37 by 5, 38

NON-ISO CROSS RECESSED HEAD SCREWS

CROSS RECESSED PAN HEAD MACHINE SCREWS



Generic Part Name: JACRP

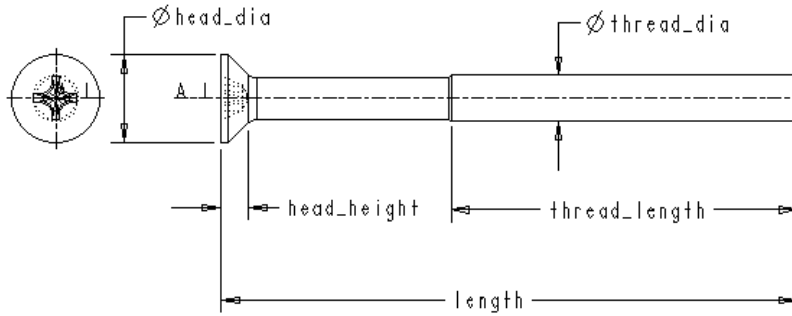
Notes:

1. Corresponds to standard JIS B 1111.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL DIA_THR PITCH	thread_ dia	head_ dia	head_ height	length	thread_length
JACRP01	M2X0.4	2.0000	3.5000	1.3000	4, 5, 6 to 16 by 2, 20	3.2, 4.2, 5.2, 7.2, 8
JACRP02	M2.5X0.45	2.5000	4.5000	1.7000	5, 6 to 16 by 2, 20, 25, 30	4.1, 5.1 to 11.1 by 2, 12
JACRP03	M3X0.5	3.0000	5.5000	2.0000	5, 6 to 16 by 2, 20, 25, 30	4, 5 to 11 by 2, 12
JACRP04	M4X0.7	4.0000	7.0000	2.6000	6 to 16 by 2, 20 to 35 by 5	4.6 to 14.6 by 2, 16
JACRP05	M5X0.8	5.0000	9.0000	3.3000	8 to 16 by 2, 20 to 45 by 5	6.4 to 14.4 by 2, 18.4, 20
JACRP06	M6X1	6.0000	10.5000	3.9000	8 to 16 by 2, 20 to 40 by 5	6 to 14 by 2, 18, 23, 25
JACRP07	M8X1.25	8.0000	14.0000	5.2000	10 to 16 by 2, 20 to 45 by 5	7.5 to 13.5 by 2, 17.5, 22.5, 27.5, 30

NON-ISO CROSS RECESSED HEAD SCREWS

CROSS RECESSED COUNTERSUNK HEAD MACHINE SCREWS



Generic Part Name: JACRC

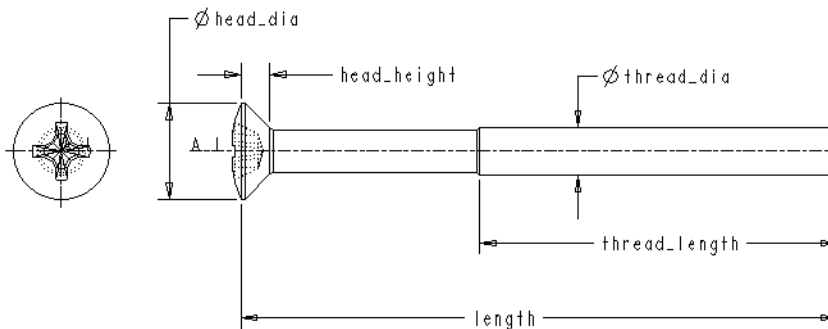
Notes:

1. Corresponds to standard JIS B 1111.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL _DIA_THR _PITCH	thread_ dia	head_ dia	head_ height	length	thread_length
JACRC01	M2X0.4	2.0000	4.0000	1.2000	5, 6 to 16 by 2, 20	3, 4, 6, 8
JACRC02	M2.5X0.45	2.5000	5.0000	1.4500	6 to 16 by 2, 20, 25, 30	3.65 to 11.65 by 2, 12
JACRC03	M3X0.5	3.0000	6.0000	1.7500	6 to 16 by 2, 20 to 35 by 5	3.25 to 11.25 by 2, 12
JACRC04	M4X0.7	4.0000	8.0000	2.3000	8 to 16 by 2, 20 to 40 by 5	4.3 to 12.3 by 2, 16
JACRC05	M5X0.8	5.0000	10.0000	2.8000	10 to 16 by 2, 20 to 45 by 5	5.6 to 11.6 by 2, 15.6, 20
JACRC06	M6X1	6.0000	12.0000	3.4000	12, 14, 16, 20 to 50 by 5	6.6, 8.6, 10.6, 14.6, 19.6, 24.6, 25
JACRC07	M8X1.25	8.0000	16.0000	4.4000	14, 16, 20 to 55 by 5	7.1, 9.1, 13.1 to 28.1 by 5, 30

NON-ISO CROSS RECESSED HEAD SCREWS

CROSS RECESSED RAISED COUNTERSUNK HEAD MACHINE SCREWS



Generic Part Name: JACRR

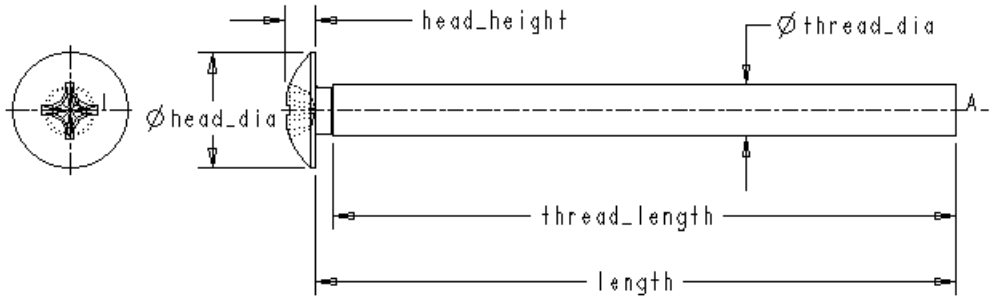
Notes:

1. Corresponds to standard JIS B 1111.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL DIA_THR _PITCH	thread_ dia	head_ dia	head_ height	length	thread_length
JACRR01	M2X0.4	2.0000	4.0000	1.2000	5, 6 to 16 by 2, 20	3, 4, 6, 8
JACRR02	M2.5X0.45	2.5000	5.0000	1.4500	6 to 16 by 2, 20, 25, 30	3.65 to 11.65 by 2, 12
JACRR03	M3X0.5	3.0000	6.0000	1.7500	6 to 16 by 2, 20 to 35 by 5	3.25 to 11.25 by 2, 12
JACRR04	M4X0.7	4.0000	8.0000	2.3000	8 to 16 by 2, 20 to 40 by 5	4.3 to 12.3 by 2, 16
JACRR05	M5X0.8	5.0000	10.0000	2.8000	10 to 16 by 2, 20 to 45 by 5	5.6 to 11.6 by 2, 15.6, 20
JACRR06	M6X1	6.0000	12.0000	3.4000	12, 14, 16, 20 to 50 by 5	6.6, 8.6, 10.6, 14.6, 19.6, 24.6, 25
JACRR07	M8X1.25	8.0000	16.0000	4.4000	14, 16, 20 to 55 by 5	7.1, 9.1, 13.1 to 28.1 by 5, 30

NON-ISO CROSS RECESSED HEAD SCREWS

CROSS RECESSED TRUSS HEAD MACHINE SCREWS



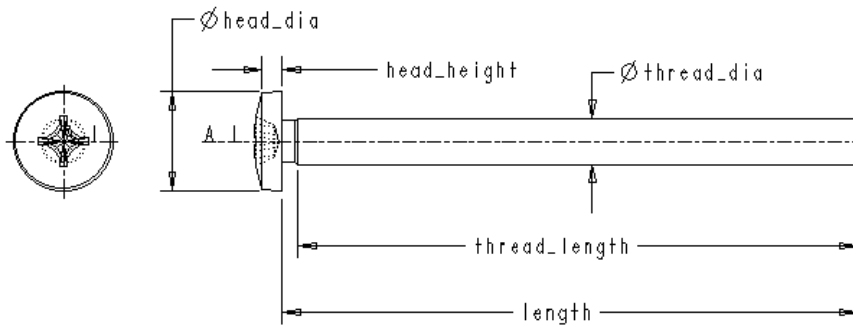
Generic Part Name: JACRT

Notes:

1. Corresponds to standard JIS B 1111.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL DIA_THR _PITCH	thread_ dia	head_ dia	head_ height	length	thread_length
JACRT01	M2X0.4	2.0000	4.5000	1.2000	5, 6 to 16 by 2, 20	3, 4, 6, 8
JACRT02	M2.5X0.45	2.5000	5.7000	1.5000	6 to 16 by 2, 20, 25, 30	3.65 to 11.65 by 2, 12
JACRT03	M3X0.5	3.0000	6.9000	1.9000	6 to 16 by 2, 20 to 35 by 5	3.25 to 11.25 by 2, 12
JACRT04	M4X0.7	4.0000	9.4000	2.5000	8 to 16 by 2, 20 to 40 by 5	4.3 to 12.3 by 2, 16
JACRT05	M5X0.8	5.0000	11.8000	3.1000	10 to 16 by 2, 20 to 45 by 5	5.6 to 11.6 by 2, 15.6, 20
JACRT06	M6X1	6.0000	14.0000	3.7000	12, 14, 16, 20 to 50 by 5	6.6, 8.6, 10.6, 14.6, 19.6, 24.6, 25
JACRT07	M8X1.25	8.0000	17.8000	4.8000	14, 16, 20 to 55 by 5	7.1, 9.1, 13.1 to 28.1 by 5, 30

CROSS RECESSED BINDING HEAD MACHINE SCREWS



Generic Part Name: JACRB

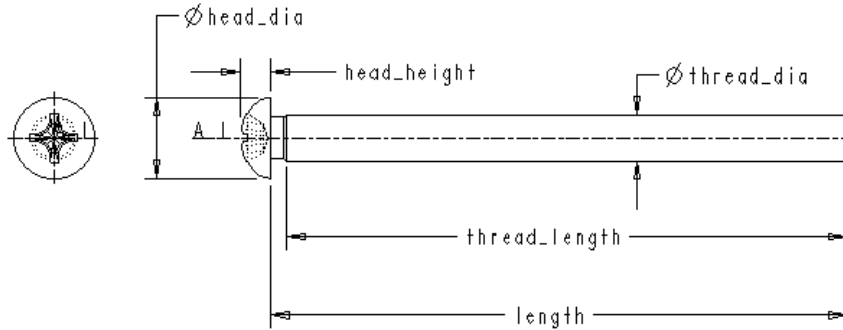
Notes:

1. Corresponds to standard JIS B 1111.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL _DIA_THR _PITCH	thread_ dia	head_ dia	head_ height	length	thread_length
JACRB01	M2X0.4	2.0000	4.3000	0.8500	5, 6 to 16 by 2, 20	3, 4, 6, 8
JACRB02	M2.5X0.45	2.5000	5.3000	1.0000	6 to 16 by 2, 20, 25, 30	3.65 to 11.65 by 2, 12
JACRB03	M3X0.5	3.0000	6.3000	1.3000	6 to 16 by 2, 20 to 35 by 5	3.25 to 11.25 by 2, 12
JACRB04	M4X0.7	4.0000	8.3000	1.7000	8 to 16 by 2, 25 to 40 by 5	4.3 to 12.3 by 2, 16
JACRB05	M5X0.8	5.0000	10.3000	2.1000	10 to 16 by 2, 20 to 45 by 5	5.6 to 11.6 by 2, 15.6, 20
JACRB06	M6X1	6.0000	12.4000	2.4000	12, 14, 16, 20 to 50 by 5	6.6, 8.6, 10.6, 14.6, 19.6, 24.6, 25
JACRB07	M8X1.25	8.0000	16.4000	3.1000	14, 16, 20 to 55 by 5	7.1, 9.1, 13.1 to 28.1 by 5, 30

NON-ISO CROSS RECESSED HEAD SCREWS

CROSS RECESSED ROUND HEAD MACHINE SCREWS



Generic Part Name: JACRN

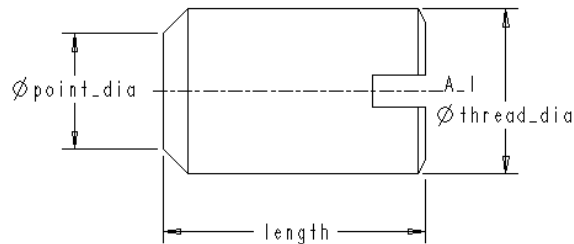
Notes:

1. Corresponds to standard JIS B 1111.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL _DIA_THR _PITCH	thread_ dia	head_ dia	head_ height	length	thread_length
JACRN01	M2X0.4	2.0000	3.5000	1.3000	4, 5, 6 to 16 by 2, 20	3.2, 4.2, 5.2, 7.2, 8 20
JACRN02	M2.5X0.45	2.5000	4.5000	1.7000	5, 6 to 16 by 2, 20, 25, 30	4.1, 5.1 to 11.1 by 2, 12
JACRN03	M3X0.5	3.0000	5.5000	2.0000	5, 6 to 16 by 2, 20, 25, 30	4, 5 to 11 by 2, 12
JACRN04	M4X0.7	4.0000	7.0000	2.6000	6 to 16 by 2, 20 to 35 by 5	4.6 to 14.6 by 2, 16
JACRN05	M5X0.8	5.0000	9.0000	3.4000	8 to 16 by 2, 20 to 40 by 5	6.4 to 14.4 by 2, 18.4, 20
JACRN06	M6X1	6.0000	10.5000	4.0000	8 to 16 by 2, 20 to 40 by 5	6 to 14 by 2, 18, 23, 25
JACRN07	M8X1.25	8.0000	14.0000	5.4000	10 to 16 by 2, 20 to 45 by 5	7.5 to 13.5 by 2, 17.5, 22.5, 27.5, 30

SET SCREWS

SLOTTED SET SCREWS WITH FLAT POINT



Generic Part Name: JSLSF

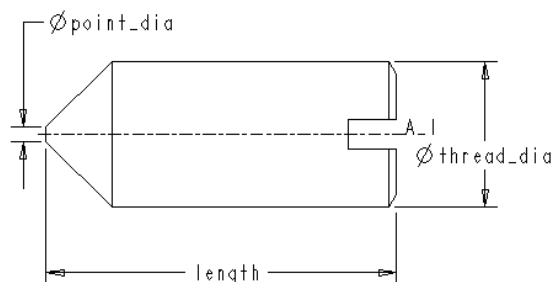
Notes:

1. Corresponds to standard ISO 4766 - 1983 and JIS B 1117.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL _DIA_THR _PITCH	thread_dia	point_dia	length
JSLSF01	M1.2X0.25	1.2000	0.60000	2, 2.5, 3 to 6 by1
JSLSF02	M1.6X0.35	1.6000	0.80000	2, 2.5, 3 to 6 by1, 8
JSLSF03	M2X0.4	2.0000	1.00000	2, 2.5, 3 to 6 by1, 8, 10
JSLSF04	M2.5X0.45	2.5000	1.50000	2.5, 3 to 6 by 1, 8, 10, 12
JSLSF05	M3X0.5	3.0000	2.00000	3 to 6 by 1, 8, 10, 12, 16
JSLSF06	M4X0.7	4.0000	2.50000	4, 5, 6 to 12 by 2, 16, 20
JSLSF07	M5X0.8	5.0000	3.50000	5, 6 to 12 by 2, 16, 20, 25
JSLSF08	M6X1	6.0000	4.00000	6 to 12 by 2, 16, 20, 25, 30
JSLSF09	M8X1.25	8.0000	5.50000	8, 10, 12, 16, 20 to 40 by 5
JSLSF10	M10X1.5	10.0000	7.00000	10, 12, 16, 20 to 50 by 5
JSLSF11	M12X1.75	12.0000	8.50000	12, 16, 20 to 60 by 5
JSLSF12	M3.5X0.6	3.5000	2.20000	4, 5, 6 to 12 by 2, 16, 20

SLOTTED SET SCREWS

SLOTTED SET SCREWS WITH CONE POINT



Generic Part Name: JSLSC

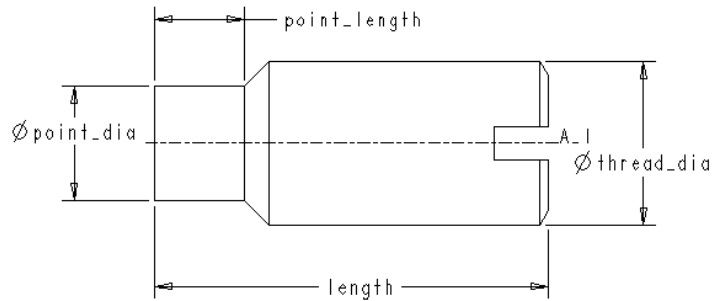
Notes:

1. Corresponds to standard ISO 7434 - 1983 and JIS B 1117.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”

Name	NOMINAL _DIA_THR _PITCH	thread_dia	point_dia	length
JSLSC01	M1.2X0.25	1.2000	0.12000	2, 2.5, 3 to 6 by 1
JSLSC02	M1.6X0.35	1.6000	0.16000	2, 2.5, 3 to 6 by 1, 8
JSLSC03	M2X0.4	2.0000	0.20000	3 to 6 by 1, 8, 10
JSLSC04	M2.5X0.45	2.5000	0.25000	3 to 6 by 1, 8, 10, 12
JSLSC05	M3X0.5	3.0000	0.30000	4, 5, 6 to 12 by 2, 16
JSLSC06	M4X0.7	4.0000	0.40000	6 to 12 by 2, 16, 20
JSLSC07	M5X0.8	5.0000	0.50000	8, 10, 12, 16, 20, 25
JSLSC08	M6X1	6.0000	1.50000	8, 10, 12, 16, 20, 25, 30
JSLSC09	M8X1.25	8.0000	2.00000	10, 12, 16, 20 to 40 by 5
JSLSC10	M10X1.5	10.0000	2.50000	12, 16, 20 to 50 by 5
JSLSC11	M12X1.75	12.0000	3.00000	16, 20 to 60 by 5
JSLSC12	M3.5X0.6	3.5000	0.35000	5, 6 to 12 by 2, 16, 20

SLOTTED SET SCREWS

SLOTTED SET SCREWS WITH LONG DOG POINT



Generic Part Name: JS LSD

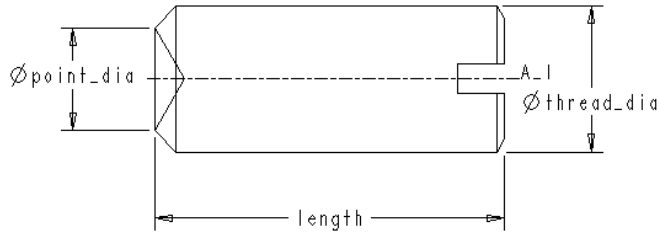
Notes:

1. Corresponds to standard ISO 7435 - 1983 and JIS B 1117.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL _DIA_THR _PITCH	thread_dia	point_dia	length
JSLSD01	M1.6X0.35	1.6000	0.80000	2.5, 3 to 6 by 5, 8
JSLSD02	M2X0.4	2.0000	1.00000	3 to 6 by 1, 8, 10
JSLSD03	M2.5X0.45	2.5000	1.50000	4, 5, 6 to 12 by 2
JSLSD04	M3X0.5	3.0000	2.00000	5, 6 to 12 by 2, 16
JSLSD05	M4X0.7	4.0000	2.50000	6 to 12 by 2, 16, 20
JSLSD06	M5X0.8	5.0000	3.50000	8, 10, 12, 16, 20, 25
JSLSD07	M6X1	6.0000	4.00000	8, 10, 12, 16, 20, 25, 30
JSLSD08	M8X1.25	8.0000	5.50000	10, 12, 16, 20 to 40 by 5
JSLSD09	M10X1.5	10.0000	7.00000	12, 16, 20 to 50 by 5
JSLSD10	M12X1.75	12.0000	8.50000	16, 20 to 60 by 5

SLOTTED SET SCREWS

SLOTTED SET SCREWS WITH CUP POINT



Generic Part Name: JSLSP

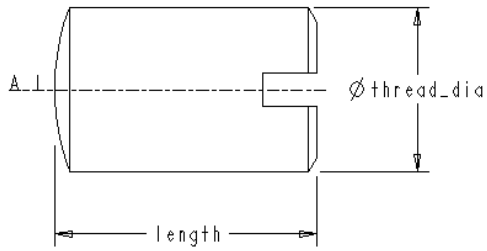
Notes:

1. Corresponds to standard ISO 7436 - 1983 and JIS B 1117.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL _DIA_THR _PITCH	thread_dia	point_dia	length
JSLSP01	M1.6X0.35	1.6000	0.80000	2, 2.5, 3 to 6 by 1, 8
JSLSP02	M2X0.4	2.0000	1.00000	2.5, 3 to 6 by 1, 8, 10
JSLSP03	M2.5X0.45	2.5000	1.20000	3 to 6 by 1, 8, 10, 12
JSLSP04	M3X0.5	3.0000	1.40000	3 to 6 by 1, 8, 10, 12, 16
JSLSP05	M4X0.7	4.0000	2.00000	4, 5, 6 to 12 by 2, 16, 20
JSLSP06	M5X0.8	5.0000	2.50000	5, 6 to 12 by 2, 16, 20, 25
JSLSP07	M6X1	6.0000	3.00000	6 to 12 by 2, 16, 20, 25, 30
JSLSP08	M8X1.25	8.0000	5.00000	8, 10, 12, 16, 20 to 40 by 5
JSLSP09	M10X1.5	10.0000	6.00000	10, 12, 16, 20 to 50 by 5
JSLSP10	M12X1.75	12.0000	7.00000	12, 16, 20 to 60 by 5

SLOTTED SET SCREWS

SLOTTED SET SCREWS WITH ROUND POINT



Generic Part Name: JSLSR

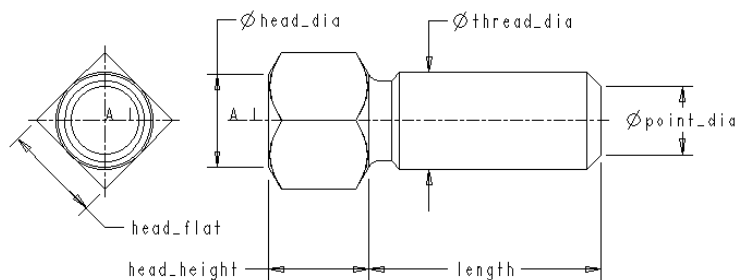
Notes:

1. Corresponds to standard JIS B 1117.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL _DIA_THR _PITCH	thread_dia	length
JSLSR01	M1X0.25	1.0000	2, 2.5, 3 to 6 by 1
JSLSR02	M1.2X0.25	1.2000	2, 2.5, 3 to 6 by 1
JSLSR03	M1.6X0.35	1.6000	2, 2.5, 3 to 6 by 1, 8
JSLSR04	M2X0.4	2.0000	2, 2.5, 3 to 6 by 1, 8, 10
JSLSR05	M2.5X0.45	2.5000	2, 2.5, 3 to 6 by 1, 8, 10, 12
JSLSR06	M3X0.5	3.0000	3 to 6 by 1, 8, 10, 12, 16
JSLSR07	M4X0.7	4.0000	4, 5, 6 to 12 by 2, 16, 20
JSLSR08	M5X0.8	5.0000	5, 6 to 12 by 2, 20, 25
JSLSR09	M6X1	6.0000	6 to 12 by 2, 20, 25, 30
JSLSR10	M8X1.25	8.0000	8, 10, 12, 16, 20 to 40 by 5
JSLSR11	M10X1.5	10.0000	10, 12, 16, 20 to 50 by 5
JSLSR12	M12X1.75	12.0000	12, 16, 20 to 60 by 5

SQUARE HEAD SET SCREWS

SQUARE HEAD SET SCREWS WITH FLAT POINT



Generic Part Name: JSQFP

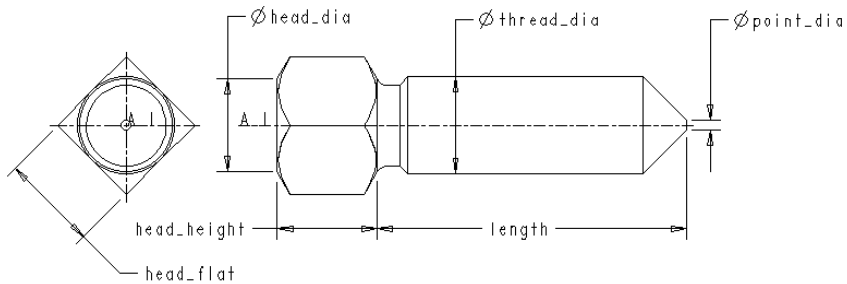
Notes:

1. Corresponds to standard JIS B 1118.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL _DIA_THR _PITCH	thread_ dia	point_ dia	head_ flat	head_ height	head_ dia	length
JSQFP01	M4X0.7	4.0000	2.50000	4.0000	4.1500	3.8000	6 to 12 by 2, 16
JSQFP02	M5X0.8	5.0000	3.50000	5.0000	5.1500	4.8000	8, 10, 12, 16, 20
JSQFP03	M6X1	6.0000	4.00000	6.0000	6.1500	5.8000	10, 12, 16, 20, 25
JSQFP04	M8X1.25	8.0000	5.50000	8.0000	8.1800	7.8000	12, 16, 20, 25, 30
JSQFP05	M10X1.5	10.0000	7.00000	10.0000	10.1800	9.8000	16, 20 to 40 by 5
JSQFP06	M12X1.75	12.0000	8.50000	12.0000	12.2200	11.5000	16, 20 to 50 by 5

SQUARE HEAD SET SCREWS

SQUARE HEAD SET SCREWS WITH CONE POINT



Generic Part Name: JSQSC

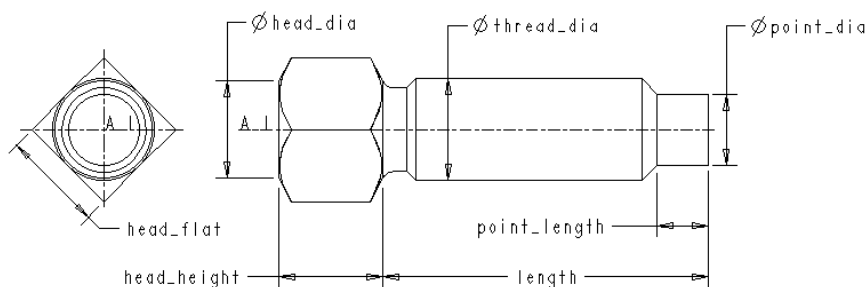
Notes:

1. Corresponds to standard JIS B 1118.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL _DIA_THR _PITCH	thread_ dia	point_ dia	head_ flat	head_ height	head_ dia	length
JSQSC01	M4X0.7	4.0000	0.40000	4.0000	4.1500	3.8000	8, 10, 12, 16
JSQSC02	M5X0.8	5.0000	0.50000	5.0000	5.1500	4.8000	8, 10, 12, 16, 20
JSQSC03	M6X1	6.0000	1.50000	6.0000	6.1500	5.8000	10, 12, 16, 20, 25
JSQSC04	M8X1.25	8.0000	2.00000	8.0000	8.1800	7.8000	12, 16, 20, 25, 30
JSQSC05	M10X1.5	10.0000	2.50000	10.0000	10.1800	9.8000	16, 20 to 40 by 5
JSQSC06	M12X1.75	12.0000	3.00000	12.0000	12.2200	11.5000	20 to 50 by 5

SQUARE HEAD SET SCREWS

SQUARE HEAD SET SCREWS WITH LONG DOG POINT



Generic Part Name: JSQSD

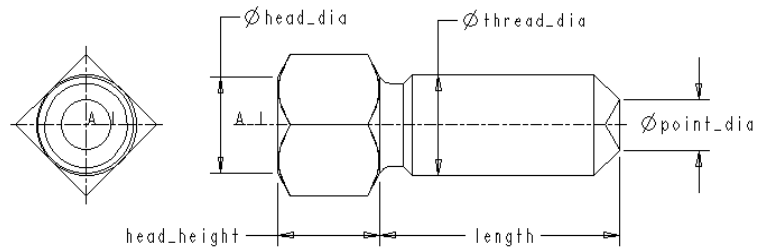
Notes:

1. Corresponds to standard JIS B 1118.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL _DIA_THR _PITCH	thread_ dia	point_ dia	head_ flat	head_ height	head_ dia	point_ length	length
JSQSD01	M4X0.7	4.0000	2.5000	4.0000	4.1500	3.8000	2.0000	8, 10, 12, 16
JSQSD02	M5X0.8	5.0000	3.5000	5.0000	5.1500	4.8000	2.5000	10, 12, 16 20
JSQSD03	M6X1	6.0000	4.0000	6.0000	6.1500	5.8000	3.0000	12, 16, 20, 25
JSQSD04	M8X1.25	8.0000	5.5000	8.0000	8.1800	7.8000	4.0000	16, 20, 25, 30
JSQSD05	M10X1.5	10.0000	7.0000	10.0000	10.1800	9.8000	5.0000	16, 20 to 40 by 5
JSQSD06	M12X1.75	12.0000	8.5000	12.0000	12.2200	11.5000	6.0000	20 to 50 by 5

SQUARE HEAD SET SCREWS

SQUARE HEAD SET SCREWS WITH CUP POINT



Generic Part Name: JSQSP

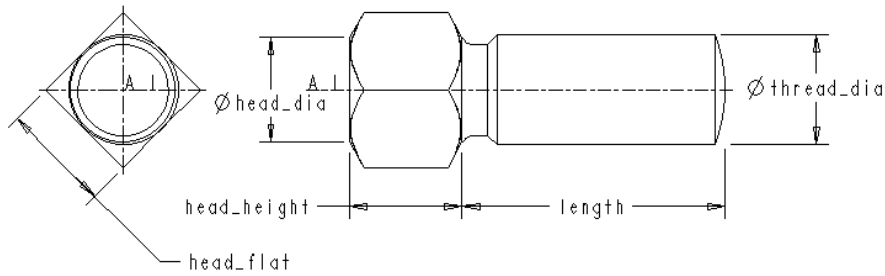
Notes:

1. Corresponds to standard JIS B 1118.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL _DIA_THR _PITCH	thread_ dia	point_dia	head_ height	head_dia	length
JSQSP01	M4X0.7	4.0000	2.00000	4.1500	3.8000	6 to 12 by 2, 16
JSQSP02	M5X0.8	5.0000	2.50000	5.1500	4.8000	8, 10, 12, 16, 20
JSQSP03	M6X1	6.0000	3.00000	6.1500	5.8000	10, 12, 16, 20, 25
JSQSP04	M8X1.25	8.0000	5.00000	8.1800	7.8000	12, 16, 20, 25, 30
JSQSP05	M10X1.5	10.0000	6.00000	10.1800	9.8000	16, 20 to 40 by 5
JSQSP06	M12X1.75	12.0000	7.00000	12.2200	11.5000	16, 20 to 50 by 5

SQUARE HEAD SET SCREWS

SQUARE HEAD SET SCREWS WITH ROUND POINT



Generic Part Name: JSQSR

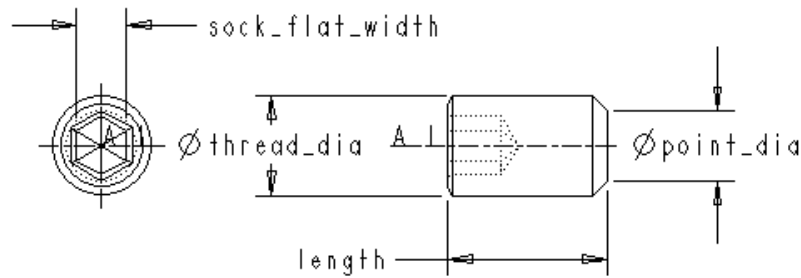
Notes:

1. Corresponds to standard JIS B 1118.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL _DIA_THR _PITCH	thread_ dia	head_flat	head_ height	head_dia	length
JSQSR01	M4X0.7	4.0000	4.0000	4.1500	3.8000	6 to 12 by 2, 16
JSQSR02	M5X0.8	5.0000	5.0000	5.1500	4.8000	8, 10, 12, 16, 20
JSQSR03	M6X1	6.0000	6.0000	6.1500	5.8000	10, 12, 16, 20, 25
JSQSR04	M8X1.25	8.0000	8.0000	8.1800	7.8000	12, 16, 20, 25, 30
JSQSR05	M10X1.5	10.0000	10.0000	10.1800	9.8000	16, 20 to 40 by 5
JSQSR06	M12X1.75	12.0000	12.0000	12.2200	11.5000	16, 20 to 50 by 5

HEX SOCKET SET SCREWS

HEX SOCKET SET SCREWS WITH FLAT POINT



Generic Part Name: JSEHF

Notes:

1. Corresponds to standard ISO 4026 - 1977 and JIS B 1117.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”

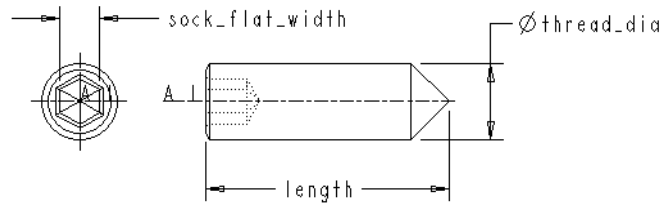
Name	NOMINAL DIA_THR _PITCH	thread_dia	point_dia	sock_flat_ width	length
JSEHF01	M1.6X0.35	1.6000	0.8000	0.7240	2, 2.5, 3 to 6 by 1, 8
JSEHF02	M2X0.4	2.0000	1.0000	0.9020	2, 2.5, 3 to 6 by 1, 8, 10
JSEHF03	M2.5X0.45	2.5000	1.5000	1.2950	2, 2.5, 3 to 6 by 1, 8, 10, 12
JSEHF04	M3X0.5	3.0000	2.0000	1.5450	2, 2.5, 3 to 6 by 1, 8, 10, 12, 16
JSEHF05	M4X0.7	4.0000	2.5000	2.0450	2.5, 3 to 6 by 1, 8, 10, 12, 16, 20
JSEHF06	M5X0.8	5.0000	3.5000	2.5600	3 to 6 by 1, 8, 10, 12, 16, 20, 25
JSEHF07	M6X1	6.0000	4.0000	3.0800	4, 5, 6 to 12 by 2, 16, 20, 25, 30
JSEHF08	M8X1.25	8.0000	5.5000	4.0950	5, 6 to 12 by 2, 20 to 40 by 5
JSEHF09	M10X1.5	10.0000	7.0000	5.0950	6 to 12 by 2, 16, 20 to 50 by 5
JSEHF10	M12X1.75	12.0000	8.5000	6.0950	8, 10, 12, 16, 20 to 60 by 5
JSEHF11	M16X2	16.0000	12.0000	8.1150	10, 12, 16, 20 to 60 by 5

HEX SOCKET SET SCREWS

Name	NOMINAL _DIA_THR _PITCH	thread_dia	point_dia	sock_flat_ width	length
JSEHF12	M20X2.5	20.0000	15.0000	10.1150	12, 16, 20 to 60 by 5
JSEHF13	M24X3	24.0000	18.0000	12.1420	16, 20 to 60 by 5

HEX SOCKET SET SCREWS

HEX SOCKET SET SCREWS WITH CONE POINT



Generic Part Name: JSEHC

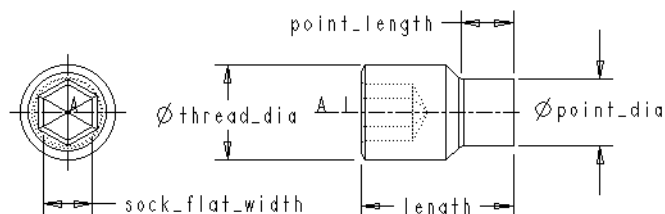
Notes:

1. Corresponds to standard ISO 4027 - 1977 and JIS B 1117.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL _DIA_THR _PITCH	thread_dia	sock_flat_ width	length
JSEHC01	M1.6X0.35	1.6000	0.7240	2, 2.5, 3 to 6 by 1, 8
JSEHC02	M2X0.4	2.0000	0.9020	2, 2.5, 3 to 6 by 1, 8, 10
JSEHC03	M2.5X0.45	2.5000	1.2950	2, 2.5, 3 to 6 by 1, 8, 10, 12
JSEHC04	M3X0.5	3.0000	1.5450	2, 2.5, 3 to 6 by 1, 8, 10, 12, 16
JSEHC05	M4X0.7	4.0000	2.0450	3 to 6 by 1, 8, 10, 12, 16, 20
JSEHC06	M5X0.8	5.0000	2.5600	4, 5, 6, 8, 10, 12, 16, 20, 25
JSEHC07	M6X1	6.0000	3.0800	5, 6, 8, 12, 16, 20, 25, 30
JSEHC08	M8X1.25	8.0000	4.0950	6, 8, 12, 16, 20 to 40 by 5
JSEHC09	M10X1.5	10.0000	5.0950	8, 12, 16, 20 to 50 by 5
JSEHC10	M12X1.75	12.0000	6.0950	10, 12, 16, 20 to 60 by 5
JSEHC11	M16X2	16.0000	8.1150	12, 16, 20 to 60 by 5
JSEHC12	M20X2.5	20.0000	10.1150	16, 20 to 60 by 5
JSEHC13	M24X3	24.0000	12.1420	20 to 60 by 5

HEX SOCKET SET SCREWS

HEX SOCKET SET SCREWS WITH DOG POINT



Generic Part Name: JSEHD

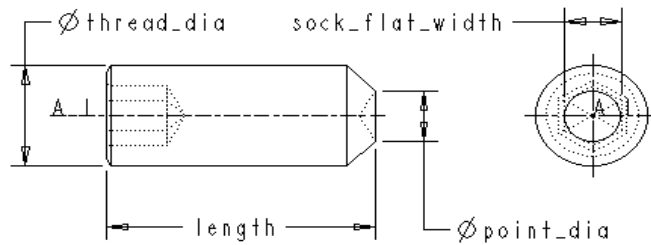
Notes:

1. Corresponds to standard ISO 4028 - 1977 and JIS B 1117.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL _DIA_THR _PITCH	thread_ dia	point_ dia	sock_ flat_ width	point_ length	length
JSEHD01	M1.6X0.35	1.6000	0.8000	0.7240	0.65, 1.05	2, 2.5, 3 to 6 by 1, 8
JSEHD02	M2X0.4	2.0000	1.0000	0.9020	0.75, 1.25	2.5, 3 to 6 by 1, 8, 10
JSEHD03	M2.5X0.45	2.5000	1.5000	1.2950	0.88, 1.5	3 to 6 by 1, 8, 10, 12
JSEHD04	M3X0.5	3.0000	2.0000	1.5450	1, 1.75	4, 5, 6, 8, 10, 12, 16
JSEHD05	M4X0.7	4.0000	2.5000	2.0450	1.25, 2.25	5, 6, 8, 10, 12, 16, 20
JSEHD06	M5X0.8	5.0000	3.5000	2.5600	1.5, 2.75	5, 6, 8, 10, 12, 16, 20, 25
JSEHD07	M6X1	6.0000	4.0000	3.0800	1.75, 3.25	8, 10, 12, 16, 20 to 30 by 5
JSEHD08	M8X1.25	8.0000	5.5000	4.0950	2.25, 4.3	8, 10, 12, 16, 20 to 40 by 5
JSEHD09	M10X1.5	10.0000	7.0000	5.0950	2.75, 5.3	10, 12, 16, 20 to 50 by 5
JSEHD10	M12X1.75	12.0000	8.5000	6.0950	3.25, 6.3	12, 16, 20 to 60 by 5
JSEHD11	M16X2	16.0000	12.0000	8.1150	4.3, 8.36	16, 20 to 60 by 5
JSEHD12	M20X2.5	20.0000	15.0000	10.1150	5.3, 10.36	20 to 60 by 5
JSEHD13	M24X3	24.0000	18.0000	12.1420	6.3, 12.43	25 to 60 by 5

HEX SOCKET SET SCREWS

HEX SOCKET SET SCREWS WITH CUP POINT



Generic Part Name: JSEHP

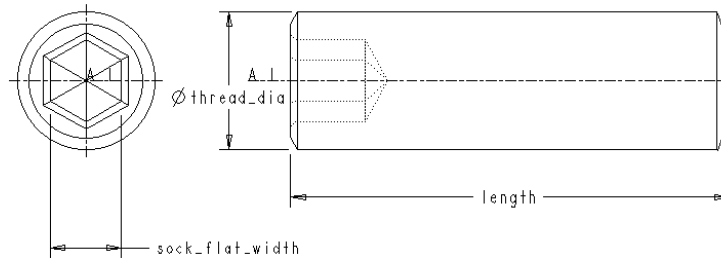
Notes:

1. Corresponds to standard ISO 4029 - 1977 and JIS B 1117.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL DIA_THR _PITCH	thread_ dia	point_dia	sock_flat_ width	length
JSEHP01	M1.6X0.35	1.6000	0.8000	0.7240	2, 2.5, 3 to 6 by 1, 8
JSEHP02	M2X0.4	2.0000	1.0000	0.9020	2, 2.5, 3 to 6 by 1, 8, 10
JSEHP03	M2.5X0.45	2.5000	1.2000	1.2950	2, 2.5, 3 to 6 by 1, 8, 10, 12
JSEHP04	M3X0.5	3.0000	1.4000	1.5450	2, 2.5, 3 to 6 by 1, 8, 10, 12, 16
JSEHP05	M4X0.7	4.0000	2.0000	2.0450	3 to 6 by 1, 10, 12, 16, 20
JSEHP06	M5X0.8	5.0000	2.5000	2.5600	4, 5, 6 to 12 by 2, 16, 20, 25
JSEHP07	M6X1	6.0000	3.0000	3.0800	5, 6 to 12 by 2, 16, 20, 25, 30
JSEHP08	M8X1.25	8.0000	5.0000	4.0950	6 to 12 by 2, 16, 20 to 40 by 5
JSEHP09	M10X1.5	10.0000	6.0000	5.0950	8, 10, 12, 16, 20 to 50 by 5
JSEHP10	M12X1.75	12.0000	8.0000	6.0950	10, 12, 16, 20 to 60 by 5
JSEHP11	M16X2	16.0000	10.0000	8.1150	12, 16, 20 to 60 by 5
JSEHP12	M20X2.5	20.0000	14.0000	10.1150	16, 20 to 60 by 5
JSEHP13	M24X3	24.0000	16.0000	12.1420	20 to 60 by 5

HEX SOCKET SET SCREWS

HEX SOCKET SET SCREWS WITH OVAL POINT



Generic Part Name: JSEHR

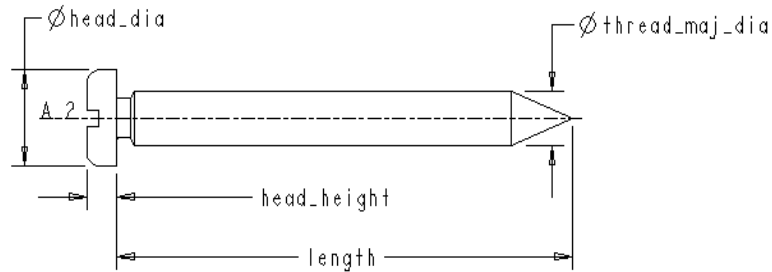
Notes:

1. Corresponds to standard JIS B 1117.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL _DIA_THR _PITCH	thread_ dia	sock_flat_ width	length
JSEHR01	M3X0.5	3.0000	1.5450	2, 2.5, 3 to 6 by 1, 8, 10
JSEHR02	M4X0.7	4.0000	2.0450	2.5, 3 to 6 by 1, 8, 10, 12, 16, 20
JSEHR03	M5X0.8	5.0000	2.5600	3 to 6 by 1, 8, 10, 12, 16, 20, 25
JSEHR04	M6X1	6.0000	3.0800	4, 5, 6 to 12 by 2, 16, 20, 25, 30
JSEHR05	M8X1.25	8.0000	4.0950	5, 6 to 12 by 2, 20 to 40 by 5
JSEHR06	M10X1.5	10.0000	5.0950	6 to 12 by 2, 20 to 50 by 5
JSEHR07	M12X1.75	12.0000	6.0950	8, 10, 12, 16, 20 to 60 by 5
JSEHR08	M16X2	16.0000	8.1150	10, 12, 16, 20 to 60 by 5
JSEHR09	M20X2.5	20.0000	10.1150	12, 16, 20 to 60 by 5
JSEHR10	M24X3	24.0000	12.1420	16, 20 to 60 by 5

TAPPING SCREWS

SLOTTED PAN HEAD TAPPING SCREWS, TYPE C & F



Generic Part Name: JTSPS

Notes:

1. Corresponds to standards ISO 1481 - 1983 and JIS B 1115.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

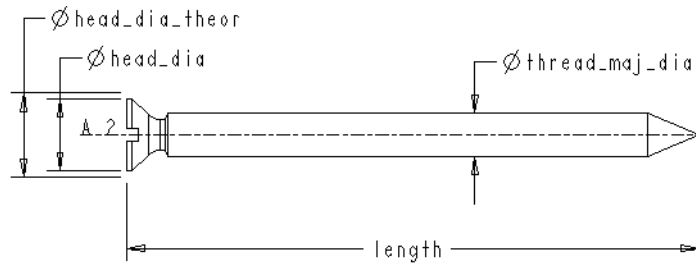
Name	NOMINAL DIA_THR _PITCH	thread_ maj_dia	head_ dia	head_ height	length
JTSPS01	ST2.2X0.8	2.24000	4.0000	1.30000	4.5, 6.5, 9.5, 13, 16
JTSPS02	ST2.9X1.1	2.90000	5.6000	1.80000	6.5, 9.5, 13, 16, 19
JTSPS03	ST3.5X1.3	3.53000	7.0000	2.10000	6.5, 9.5, 1 to 22 by 3
JTSPS04	ST4.2X1.4	4.22000	8.0000	2.40000	9.5, 13 to 25 by 3
JTSPS05	ST4.8X1.6	4.80000	9.5000	3.00000	9.5, 13 to 25 by 3, 32
JTSPS06	ST5.5X1.8	5.46000	11.0000	3.20000	13 to 25 by 3, 32
JTSPS07	ST6.3X1.8	6.25000	12.0000	3.60000	13 to 25 by 3, 32, 38
JTSPS08	ST8X2.1	8.00000	16.0000	4.80000	13 to 25 by 3, 32, 38, 45, 50
JTSPS09	ST9.5X2.1	9.65000	20.0000	6.00000	16 to 25 by 3, 32, 38, 45, 50
JTSPS10	ST2.2X0.8	2.24000	4.0000	1.30000	4.5, 6.5, 9.5, 13, 16
JTSPS11	ST2.9X1.1	2.90000	5.6000	1.80000	6.5, 9.5, 13, 16, 19
JTSPS12	ST3.5X1.3	3.53000	7.0000	2.10000	6.5, 9.5, 13 to 22 by 3
JTSPS13	ST4.2X1.4	4.22000	8.0000	2.40000	9.5, 13 to 25 by 3
JTSPS14	ST4.8X1.6	4.80000	9.5000	3.00000	9.5, 13 to 25 by 3, 32
JTSPS15	ST5.5X1.8	5.46000	11.0000	3.20000	13 to 25 by 3, 32
JTSPS16	ST6.3X1.8	6.25000	12.0000	3.60000	13 to 25 by 3, 32, 38

SLOTTED HEAD TAPPING SCREWS

Name	NOMINAL _DIA_THR _PITCH	thread_ maj_dia	head_ dia	head_ height	length
JTSPS17	ST8X2.1	8.00000	16.0000	4.80000	16 to 25 by 3, 32, 38, 45, 50
JTSPS18	ST9.5X2.1	9.65000	20.0000	6.00000	16 to 25 by 3, 32, 38, 45, 50

SLOTTED HEAD TAPPING SCREWS

SLOTTED COUNTERSUNK HEAD TAPPING SCREWS, TYPE C & F



Generic Part Name: JTSCS

Notes:

1. Corresponds to standards ISO 1482 - 1983 and JIS B 1115.
2. When a range of lengths is indicated, the range is expressed as "from to incremented by".

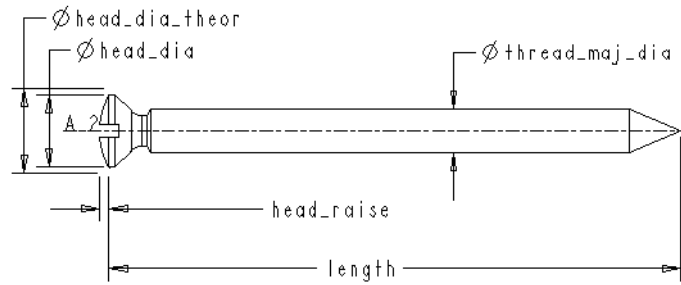
Name	NOMINAL _DIA_THR _PITCH	thread_ maj_dia	head_ dia_ theor	head_ dia	length
JTSCS01	ST2.2X0.8	2.24000	4.4000	3.8000	4.5, 6.5, 9.5, 13, 16
JTSCS02	ST2.9X1.1	2.90000	6.3000	5.5000	6.5, 9.5, 13, 16, 19
JTSCS03	ST3.5X1.3	3.53000	8.2000	7.3000	9.5, 13 to 25 by 3
JTSCS04	ST4.2X1.4	4.22000	9.4000	8.4000	9.5, 13 to 25 by 3, 32
JTSCS05	ST4.8X1.6	4.80000	10.4000	9.3000	9.5, 13 to 25 by 3, 32
JTSCS06	ST5.5X1.8	5.46000	11.5000	10.3000	13 to 25 by 3, 32, 38
JTSCS07	ST6.3X1.8	6.25000	12.6000	11.3000	13 to 25 by 3, 32, 38
JTSCS08	ST8X2.1	8.00000	17.3000	15.8000	16 to 25 by 3, 32, 38, 45, 50
JTSCS09	ST9.5X2.1	9.65000	20.0000	18.3000	19, 22, 25, 32, 38, 45, 50
JTSCS10	ST2.2X0.8	2.24000	4.4000	3.8000	4.5, 6.5, 9.5, 13, 16
JTSCS11	ST2.9X1.1	2.90000	6.3000	5.5000	6.5, 9.5, 13, 16, 19
JTSCS12	ST3.5X1.3	3.53000	8.2000	7.3000	9.5, 13 to 25 by 3
JTSCS13	ST4.2X1.4	4.22000	9.4000	8.4000	9.5, 13 to 25 by 3, 32
JTSCS14	ST4.8X1.6	4.80000	10.4000	9.3000	9.5, 13 to 25 by 3, 32
JTSCS15	ST5.5X1.8	5.46000	11.5000	10.3000	13 to 25 by 3, 32, 38
JTSCS16	ST6.3X1.8	6.25000	12.6000	11.3000	13 to 25 by 3, 32, 38

SLOTTED HEAD TAPPING SCREWS

Name	NOMINAL _DIA_THR _PITCH	thread_ maj_dia	head_ dia_ theor	head_ dia	length
JTSCS17	ST8X2.1	8.00000	17.3000	15.8000	16 to 25 by 3, 32, 38, 45, 50
JTSCS18	ST9.5X2.1	9.65000	20.0000	18.3000	19, 22, 25, 32, 38, 45, 50

SLOTTED HEAD TAPPING SCREWS

SLOTTED RAISED COUNTERSUNK TAPPING SCREWS, TYPE C & F



Generic Part Name: JTSRC

Notes:

1. Corresponds to standards ISO 1483 and JIS B 1115.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

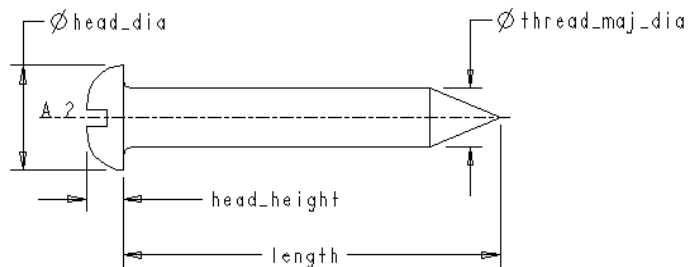
Name	NOMINAL _DIA_THR _PITCH	thread_ maj_dia	head_ dia_ theor	head_ dia	head_ raise	length
JTSRC01	ST2.2X0.8	2.24000	4.4000	3.8000	0.50000	4.5, 6.5, 9.5, 13, 16
JTSRC02	ST2.9X1.1	2.90000	6.3000	5.5000	0.70000	6.5, 9.5, 13, 16, 19
JTSRC03	ST3.5X1.3	3.53000	8.2000	7.3000	0.80000	9.5, 13 to 22 by 3
JTSRC04	ST4.2X1.4	4.22000	9.4000	8.4000	1.00000	9.5, 13 to 25 by 3
JTSRC05	ST4.8X1.6	4.80000	10.4000	9.3000	1.20000	9.5, 13 to 25 by 3, 32
JTSRC06	ST5.5X1.8	5.46000	11.5000	10.3000	1.30000	9.5, 13 to 25 by 3, 32
JTSRC07	ST6.3X1.8	6.25000	12.6000	11.3000	1.40000	13 to 25 by 3, 32, 38
JTSRC08	ST8X2.1	8.00000	17.3000	15.8000	2.00000	16 to 25 by 3, 32, 38, 45, 50
JTSRC09	ST9.5X2.1	9.65000	20.0000	18.3000	2.30000	19, 22, 25, 32, 38, 45, 50
JTSRC10	ST2.2X0.8	2.24000	4.4000	3.8000	0.50000	4.5, 6.5, 9.5, 13, 16
JTSRC11	ST2.9X1.1	2.90000	6.3000	5.5000	0.70000	6.5, 9.5, 13, 16, 19
JTSRC12	ST3.5X1.3	3.53000	8.2000	7.3000	0.80000	9.5, 13 to 22 by 3
JTSRC13	ST4.2X1.4	4.22000	9.4000	8.4000	1.00000	9.5, 13 to 25 by 3
JTSRC14	ST4.8X1.6	4.80000	10.4000	9.3000	1.20000	9.5, 13 to 25 by 3, 32
JTSRC15	ST5.5X1.8	5.46000	11.5000	10.3000	1.30000	13 to 25 by 3, 32
JTSRC16	ST6.3X1.8	6.25000	12.6000	11.3000	1.40000	13 to 25 by 3, 32, 38

SLOTTED HEAD TAPPING SCREWS

Name	NOMINAL _DIA_THR _PITCH	thread_ maj_dia	head_ dia_ theor	head_ dia	head_ raise	length
JTSRC17	ST8X2.1	8.00000	17.3000	15.8000	2.00000	16 to 25 by 3, 32, 38, 45, 50
JTSRC18	ST9.5X2.1	9.65000	20.0000	18.3000	2.30000	19, 22, 25, 32, 38, 45, 50

SLOTTED HEAD TAPPING SCREWS

SLOTTED PAN HEAD TAPPING SCREWS, CLASS 1 - 4



Generic Part Name: JTSLP

Notes:

1. Corresponds to standard JIS B 1115.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

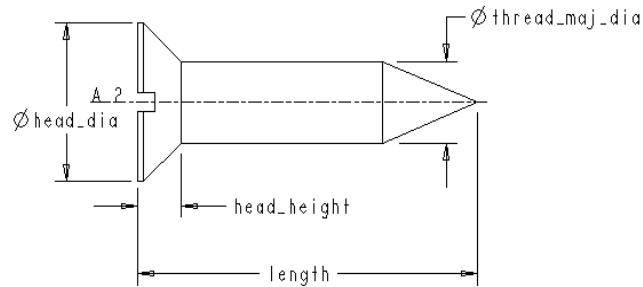
Name	NOMINAL _DIA	head_ dia	head_ height	thread_ maj_ dia	length
JTSLP01	3.00000	5.5000	2.00000	3.10000	6 to 16 by 2, 20
JTSLP02	3.50000	6.0000	2.30000	3.65000	8 to 16 by 2, 20, 25, 30
JTSLP03	4.00000	7.0000	2.60000	4.15000	8 to 16 by 2, 20 to 35 by 5
JTSLP04	4.50000	8.0000	2.90000	4.65000	10 to 16 by 2, 20 to 35 by 5
JTSLP05	5.00000	9.0000	3.30000	5.20000	12, 14, 16, 20 to 40 by 5
JTSLP06	6.00000	10.5000	3.90000	6.20000	14, 16, 20 to 40 by 5, 50
JTSLP07	2.00000	3.5000	1.30000	2.00000	4, 5, 6 to 12 by 2
JTSLP08	2.50000	4.5000	1.70000	2.50000	4, 5, 6 to 16 by 2
JTSLP09	3.00000	5.5000	2.00000	3.00000	5, 6 to 16 by 2, 20
JTSLP10	3.50000	6.0000	2.30000	3.50000	6 to 16 by 2, 20, 25, 30
JTSLP11	4.00000	7.0000	2.60000	4.00000	6 to 16 by 2, 20 to 35 by 5
JTSLP12	4.50000	8.0000	2.90000	4.50000	8 to 16 by 2, 20 to 35 by 5
JTSLP13	5.00000	9.0000	3.30000	5.00000	8 to 16 by 2, 20 to 40 by 5
JTSLP14	6.00000	10.5000	3.90000	6.00000	10 to 16 by 2, 20 to 40 by 5, 50
JTSLP15	2.00000	3.5000	1.30000	1.98000	4, 5, 6 to 12 by 2
JTSLP16	2.50000	4.5000	1.70000	2.48000	4, 5, 6 to 16 by 2
JTSLP17	3.00000	5.5000	2.00000	2.98000	5, 6 to 16 by 2, 20

SLOTTED HEAD TAPPING SCREWS

Name	NOMINAL _DIA	head_ dia	head_ height	thread_ maj_ dia	length
JTSLP18	4.00000	7.0000	2.60000	3.97000	6 to 16 by 2, 20, 25, 35
JTSLP19	5.00000	9.0000	3.30000	4.97000	8 to 16 by 2, 20 to 40 by 5
JTSLP20	6.00000	10.5000	3.90000	5.97000	10 to 16 by 2, 20 to 40 by 5, 50
JTSLP21	2.00000	3.5000	1.30000	2.00000	4, 5, 6 to 12 by 2
JTSLP22	2.50000	4.5000	1.70000	2.50000	5, 6 to 16 by 2
JTSLP23	3.00000	5.5000	2.00000	3.00000	6 to 16 by 2, 20
JTSLP24	3.50000	6.0000	2.30000	3.50000	8 to 16 by 2, 20, 25, 30
JTSLP25	4.00000	7.0000	2.60000	4.00000	8 to 16 by 2, 20 to 35 by 5
JTSLP26	4.50000	8.0000	2.90000	4.50000	10 to 16 by 2, 20 to 35 by 5
JTSLP27	5.00000	9.0000	3.30000	5.00000	12, 14, 16, 20 to 40 by 5
JTSLP28	6.00000	10.5000	3.90000	6.00000	14, 16, 20 to 40 by 5, 50

SLOTTED HEAD TAPPING SCREWS

SLOTTED COUNTERSUNK HEAD TAPPING SCREWS, CLASS 1 - 4



Generic Part Name: JTSLC

Notes:

1. Corresponds to standard JIS B 1115.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

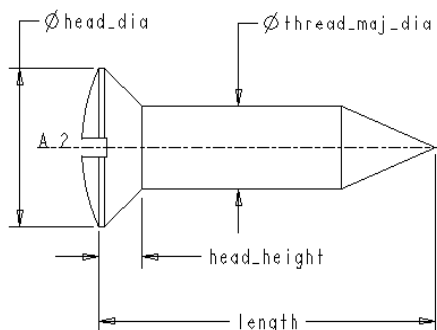
Name	NOMINAL _DIA	thread_ maj_dia	head_ height	head_ dia	length
JTSLC01	3.00000	3.10000	1.75000	6.0000	10 to 16 by 2, 20
JTSLC02	3.50000	3.65000	2.00000	7.0000	12, 14, 16, 20, 25, 30
JTSLC03	4.00000	4.15000	2.30000	8.0000	12, 14, 16, 20 to 35 by 5
JTSLC04	4.50000	4.65000	2.55000	9.0000	12, 14, 16, 20 to 35 by 5
JTSLC05	5.00000	5.20000	2.80000	10.0000	14, 16, 20 to 40 by 5
JTSLC06	6.00000	6.20000	3.40000	12.0000	16, 20 to 40 by 5, 50
JTSLC07	2.00000	2.00000	1.20000	4.0000	4, 5, 6 to 12 by 2
JTSLC08	2.50000	2.50000	1.45000	5.0000	5, 6 to 16 by 2
JTSLC09	3.00000	3.00000	1.75000	6.0000	6 to 16 by 2, 20
JTSLC10	3.50000	3.50000	2.00000	7.0000	8 to 16 by 2, 20, 25, 30
JTSLC11	4.00000	4.00000	2.30000	8.0000	8 to 16 by 2, 20 to 35 by 5
JTSLC12	4.50000	4.50000	2.55000	9.0000	10 to 16 by 2, 20 to 35 by 5
JTSLC13	5.00000	5.00000	2.80000	10.0000	10 to 16 by 2, 20 to 40 by 5
JTSLC14	6.00000	6.00000	3.40000	12.0000	12, 14, 16, 20 to 40 by 5, 50
JTSLC15	2.00000	1.98000	1.20000	4.0000	4, 5, 6 to 12 by 2
JTSLC16	2.50000	2.48000	1.45000	5.0000	4, 5, 6 to 16 by 2
JTSLC17	3.00000	2.98000	1.75000	6.0000	6 to 16 by 2, 20
JTSLC18	4.00000	3.97000	2.30000	8.0000	8 to 16 by 2, 20 to 35 by 5

SLOTTED HEAD TAPPING SCREWS

Name	NOMINAL _DIA	thread_ maj_dia	head_ height	head_ dia	length
JTSLC19	5.00000	4.97000	2.80000	10.0000	10 to 16 by 2, 20 to 40 by 5
JTSLC20	6.00000	5.97000	3.40000	12.0000	12, 14, 16, 20 to 40 by 5, 50
JTSLC21	2.00000	2.00000	1.20000	4.0000	5, 6 to 12 by 2
JTSLC22	2.50000	2.50000	1.45000	5.0000	8 to 16 by 2
JTSLC23	3.00000	3.00000	1.75000	6.0000	10 to 16 by 2, 20
JTSLC24	3.50000	3.50000	2.00000	7.0000	12, 14, 16, 20, 25, 30
JTSLC25	4.00000	4.00000	2.30000	8.0000	12, 14, 16, 20 to 35 by 5
JTSLC26	4.50000	4.50000	2.55000	9.0000	12, 14, 16, 20 to 35 by 5
JTSLC27	5.00000	5.00000	2.80000	10.0000	14, 16, 20 to 40 by 5
JTSLC28	6.00000	6.00000	3.40000	12.0000	16, 20 to 40 by 5, 50

SLOTTED HEAD TAPPING SCREWS

SLOTTED RAISED COUNTERSUNK HEAD TAPPING SCREWS, CLASS 1 - 4



Generic Part Name: JTSLR

Notes:

1. Corresponds to standard JIS B 1115.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

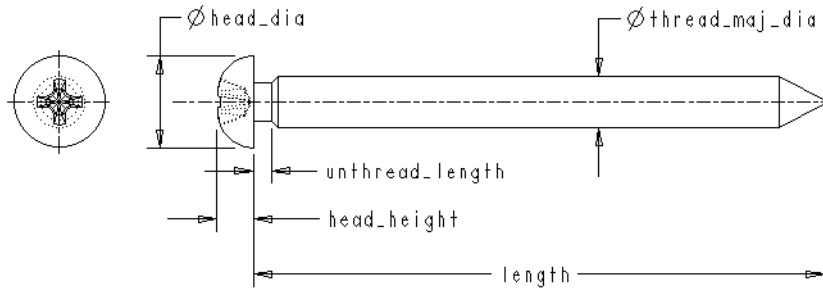
Name	NOMINAL _DIA	thread_ maj_dia	head_ dia	head_ height	length
JTSLR01	3.00000	3.10000	6.0000	1.75000	10 to 16 by 2, 20
JTSLR02	3.50000	3.65000	7.0000	2.00000	12, 14, 16, 20, 25, 30
JTSLR03	4.00000	4.15000	8.0000	2.30000	12, 14, 16, 20 to 35 by 5
JTSLR04	4.50000	4.65000	9.0000	2.55000	12, 14, 16, 20 to 35 by 5
JTSLR05	5.00000	5.20000	10.0000	2.80000	14, 16, 20 to 40 by 5
JTSLR06	6.00000	6.20000	12.0000	3.40000	16, 20 to 40 by 5, 50
JTSLR07	2.00000	2.00000	4.0000	1.20000	4, 5, 6 to 12 by 2
JTSLR08	2.50000	2.50000	5.0000	1.45000	5, 6 to 16 by 2
JTSLR09	3.00000	3.00000	6.0000	1.75000	6 to 16 by 2, 20
JTSLR10	3.50000	3.50000	7.0000	2.00000	8 to 16 by 2, 20, 25, 30
JTSLR11	4.00000	4.00000	8.0000	2.30000	8 to 16 by 2, 20 to 35 by 5
JTSLR12	4.50000	4.50000	9.0000	2.55000	10 to 16 by 2, 20 to 35 by 5
JTSLR13	5.00000	5.00000	10.0000	2.80000	10 to 16 by 2, 20 to 40 by 5
JTSLR14	6.00000	6.00000	12.0000	3.40000	12, 14, 16, 20 to 40 by 5, 50
JTSLR15	2.00000	1.98000	4.0000	1.20000	4, 5, 6 to 12 by 2
JTSLR16	2.50000	2.48000	5.0000	1.45000	4, 5, 6 to 16 by 2

SLOTTED HEAD TAPPING SCREWS

Name	NOMINAL _DIA	thread_ maj_dia	head_ dia	head_ height	length
JTSLR17	3.00000	2.98000	6.0000	1.75000	6 to 16 by 2, 20
JTSLR18	4.00000	3.97000	8.0000	2.30000	8 to 16 by 2, 20 to 35 by 5
JTSLR19	5.00000	4.97000	10.0000	2.80000	10 to 16 by 2, 20 to 40 by 5
JTSLR20	6.00000	5.97000	12.0000	3.40000	12, 14, 16, 20 to 40 by 5, 50
JTSLR21	2.00000	2.00000	4.0000	1.20000	5, 6 to 12 by 2
JTSLR22	2.50000	2.50000	5.0000	1.45000	8 to 16 by 2
JTSLR23	3.00000	3.00000	6.0000	1.75000	10 to 16 by 2, 20
JTSLR24	3.50000	3.50000	7.0000	2.00000	12, 14, 16, 20, 25, 30
JTSLR25	4.00000	4.00000	8.0000	2.30000	12, 14, 16, 20 to 35 by 5
JTSLR26	4.50000	4.50000	9.0000	2.55000	12, 14, 16, 20 to 35 by 5
JTSLR27	5.00000	5.00000	10.0000	2.80000	14, 16, 20 to 40 by 5
JTSLR28	6.00000	6.00000	12.0000	3.40000	16, 20 to 40 by 5, 50

CROSS RECESSED TAPPING SCREWS

CROSS RECESSED PAN HEAD TAPPING SCREWS, TYPE C & F



Generic Part Name: JTCPS

Notes:

1. Corresponds to standards ISO 7049 - 1983 and JIS B 1122.
2. When a range of lengths is indicated, the range is expressed as "from to incremented by".

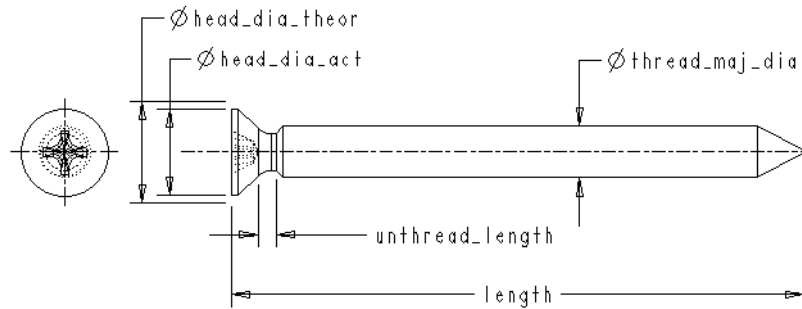
Name	NOMINAL DIA_THR _PITCH	head_ dia	head_ height	thread_ maj_dia	unthread_ length	length
JTCPS01	ST2.2X0.8	4.0000	1.60000	2.24000	0.80000	4.5, 6.5, 9.5, 13, 16
JTCPS02	ST2.9X1.1	5.6000	2.40000	2.90000	1.10000	6.5, 9.5, 13, 16, 19
JTCPS03	ST3.5X1.3	7.0000	2.60000	3.53000	1.30000	9.5, 13 to 25 by 3
JTCPS04	ST4.2X1.4	8.0000	3.10000	4.22000	1.40000	9.5, 13 to 25 by 3, 32
JTCPS05	ST4.8X1.6	9.5000	3.70000	4.80000	1.60000	9.5, 13 to 25 by 3, 32, 38
JTCPS06	ST5.5X1.8	11.0000	4.00000	5.46000	1.80000	13 to 25 by 3, 32, 38
JTCPS07	ST6.3X1.8	12.0000	4.60000	6.25000	1.80000	13 to 25 by 3, 32, 38
JTCPS08	ST8X2.1	16.0000	6.00000	8.00000	2.10000	16 to 25 by 3, 32, 38, 45, 50
JTCPS09	ST9.5X2.1	20.0000	7.50000	9.65000	2.10000	16 to 25 by 3, 32, 38, 45, 50
JTCPS10	ST2.2X0.8	4.0000	1.60000	2.24000	0.80000	4.5, 6.5, 9.5, 13, 16
JTCPS11	ST2.9X1.1	5.6000	2.40000	2.90000	1.10000	6.5, 9.5, 13, 16, 19
JTCPS12	ST3.5X1.3	7.0000	2.60000	3.53000	1.30000	9.5, 13 to 25 by 3
JTCPS13	ST4.2X1.4	8.0000	3.10000	4.22000	1.40000	9.5, 13 to 25 by 3, 32
JTCPS14	ST4.8X1.6	9.5000	3.70000	4.80000	1.60000	9.5, 13 to 25 by 3, 32, 38
JTCPS15	ST5.5X1.8	11.0000	4.00000	5.46000	1.80000	13 to 25 by 3, 32, 38
JTCPS16	ST6.3X1.8	12.0000	4.60000	6.25000	1.80000	13 to 25 by 3, 32, 38

CROSS RECESSED TAPPING SCREWS

Name	NOMINAL _DIA_THR _PITCH	head_ dia	head_ height	thread_ maj_dia	unthread_ length	length
JTCPS17	ST8X2.1	16.0000	6.00000	8.00000	2.10000	16 to 25 by 3, 32, 38, 45, 50
JTCPS18	ST9.5X2.1	20.0000	7.50000	9.65000	2.10000	16 to 25 by 3, 32, 38, 45, 50

CROSS RECESSED TAPPING SCREWS

CROSS RECESSED COUNTERSUNK HEAD TAPPING SCREWS, TYPE C & F



Generic Part Name: JTCCS

Notes:

1. Corresponds to standards ISO 7050 - 1983 and JIS B 1122.
2. When a range of lengths is indicated, the range is expressed as "from to incremented by".

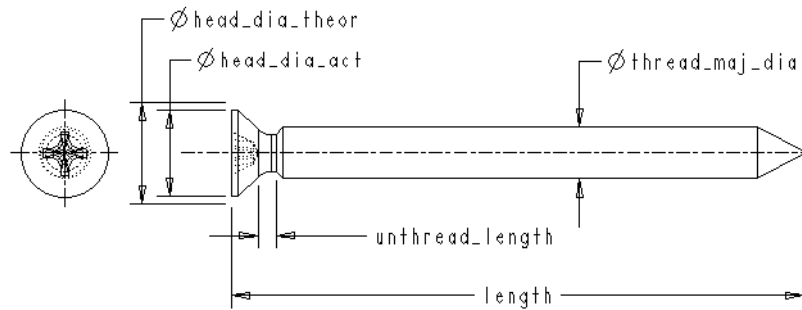
Name	NOMINAL _DIA_THR _PITCH	head_ dia_ theor	thread_ maj_ dia	unthread_ length	head_ dia_ act	length
JTCCS01	ST2.2X0.8	4.4000	2.24000	0.80000	3.8000	4.5, 6.5, 9.5, 13, 16
JTCCS02	ST2.9X1	6.3000	2.90000	1.10000	5.5000	6.5, 9.5, 13, 16, 19
JTCCS03	ST3.5X1.3	8.2000	3.53000	1.30000	7.3000	9.5, 13 to 25 by 3
JTCCS04	ST4.2X1.4	9.4000	4.22000	1.40000	8.4000	9.5, 13 to 25 by 3, 32
JTCCS05	ST4.8X1.6	10.4000	4.80000	1.60000	9.3000	9.5, 13 to 25 by 3, 32
JTCCS06	ST5.5X1.8	11.5000	5.46000	1.80000	10.3000	13 to 25 by 3, 32, 38
JTCCS07	ST6.3X1.8	12.6000	6.25000	1.80000	11.3000	13 to 25 by 3, 32, 38
JTCCS08	ST8X2.1	17.3000	8.00000	2.10000	15.8000	16 to 25 by 3, 32, 38, 45, 50
JTCCS09	ST9.5X2.1	20.0000	9.65000	2.10000	18.3000	16 to 25 by 3, 32, 38, 45, 50
JTCCS10	ST2.2X0.8	4.4000	2.24000	0.80000	3.8000	4.5, 6.5, 9.5, 13, 16
JTCCS11	ST2.9X1	6.3000	2.90000	1.10000	5.5000	6.5, 9.5, 13, 16, 19
JTCCS12	ST3.5X1.3	8.2000	3.53000	1.30000	7.3000	9.5, 13 to 25 by 3
JTCCS13	ST4.2X1.4	9.4000	4.22000	1.40000	8.4000	9.5, 13 to 25 by 3, 32
JTCCS14	ST4.8X1.6	10.4000	4.80000	1.60000	9.3000	9.5, 13 to 25 by 3, 32
JTCCS15	ST5.5X1.8	11.5000	5.46000	1.80000	10.3000	13 to 25 by 3, 32, 38
JTCCS16	ST6.3X1.8	12.6000	6.25000	1.80000	11.3000	13 to 25 by 3, 32, 38

CROSS RECESSED TAPPING SCREWS

Name	NOMINAL _DIA_THR _PITCH	head_ dia_ theor	thread_ maj_dia	unthread_ length	head_ dia_ act	length
JTCCS17	ST8X2.1	17.3000	8.00000	2.10000	15.8000	16 to 25 by 3, 32, 38, 45, 50
JTCCS18	ST9.5X2.1	20.0000	9.65000	2.10000	18.3000	16 to 25 by 3, 32, 38, 45, 50

CROSS RECESSED TAPPING SCREWS

CROSS RECESSED RAISED COUNTERSUNK HEAD TAPPING SCREWS, TYPE C & F



Generic Part Name: JTCRS

Notes:

1. Corresponds to standards ISO 7051 and JIS B 1122.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

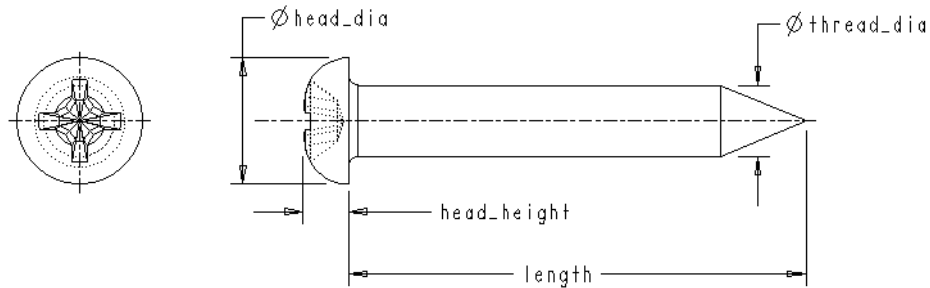
Name	NOMINAL DIA_THR PITCH	head_ dia_ act	raised_ head_ height	thread_ maj_ dia	head_ dia_ theor	length
JTCRS01	ST2.2X0.8	3.8000	0.50000	2.24000	4.4000	4.5, 6.5, 9.5, 13, 16
JTCRS02	ST2.9X1.1	5.5000	0.70000	2.90000	6.3000	6.5, 9.5, 13, 16, 19
JTCRS03	ST3.5X1.3	7.3000	0.80000	3.53000	8.2000	9.5, 13 to 25 by 3
JTCRS04	ST4.2X1.4	8.4000	1.00000	4.22000	9.4000	9.5, 13 to 25 by 3, 32
JTCRS05	ST4.8X1.6	9.3000	1.20000	4.80000	10.4000	9.5, 13 to 25 by 3, 32
JTCRS06	ST5.5X1.8	10.3000	1.30000	5.46000	11.5000	9.5, 13 to 25 by 3, 32, 38
JTCRS07	ST6.3X1.8	11.3000	1.40000	6.25000	12.6000	13 to 25 by 3, 32, 38
JTCRS08	ST8X2.1	15.8000	2.00000	8.00000	17.3000	16 to 25 by 3, 32, 38, 45, 50
JTCRS09	ST9.5X2.1	18.3000	2.30000	9.65000	20.0000	16 to 25 by 3, 32, 38, 45, 50
JTCRS10	ST2.2X0.8	3.8000	0.50000	2.24000	4.4000	4.5, 6.5, 9.5, 13, 16
JTCRS11	ST2.9X1.1	5.5000	0.70000	2.90000	6.3000	6.5, 9.5, 13, 16, 19
JTCRS12	ST3.5X1.3	7.3000	0.80000	3.53000	8.2000	9.5, 13 to 25 by 3
JTCRS13	ST4.2X1.4	8.4000	1.00000	4.22000	9.4000	9.5, 13 to 25 by 3, 32
JTCRS14	ST4.8X1.6	9.3000	1.20000	4.80000	10.4000	9.5, 13 to 25 by 3, 32
JTCRS15	ST5.5X1.8	10.3000	1.30000	5.46000	11.5000	13 to 25 by 3, 32, 38
JTCRS16	ST6.3X1.8	11.3000	1.40000	6.25000	12.6000	13 to 25 by 3, 32, 38

CROSS RECESSED TAPPING SCREWS

Name	NOMINAL _DIA_THR _PITCH	head_ dia_ act	raised_ head_ height	thread_ maj_dia	head_ dia_ theor	length
JTCRS17	ST8X2.1	15.8000	2.00000	8.00000	17.3000	16 to 25 by 3, 32, 38, 45, 50
JTCRS18	ST9.5X2.1	18.3000	2.30000	9.65000	20.0000	16 to 25 by 3, 32, 38, 45, 50

CROSS RECESSED TAPPING SCREWS

CROSS RECESSED PAN HEAD TAPPING SCREWS, CLASS 1 - 4



Generic Part Name: JTCRP

Notes:

1. Corresponds to standard JIS B 1122.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

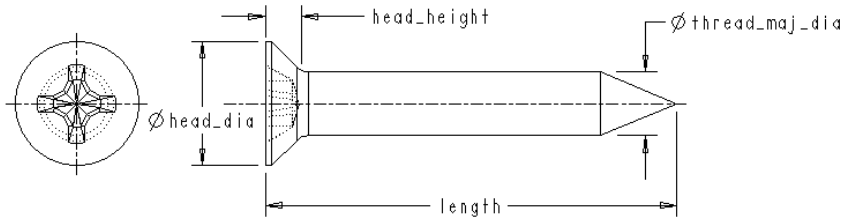
Name	NOMINAL_DIA	head_dia	head_height	thread_dia	length
JTCRP01	3.00000	5.5000	2.00000	3.10000	6 to 16 by 2, 20
JTCRP02	3.50000	6.0000	2.30000	3.65000	8 to 16 by 2, 20, 25, 30
JTCRP03	4.00000	7.0000	2.60000	4.15000	8 to 16 by 2, 20 to 35 by 5
JTCRP04	4.50000	8.0000	2.90000	4.65000	10 to 16 by 2, 20 to 35 by 5
JTCRP05	5.00000	9.0000	3.30000	5.20000	12, 14, 16, 20 to 40 by 5
JTCRP06	6.00000	10.5000	3.90000	6.20000	14, 16, 20 to 40 by 5, 50
JTCRP07	2.00000	3.5000	1.30000	2.00000	4, 5, 6 to 12 by 2
JTCRP08	2.50000	4.5000	1.70000	2.50000	4, 5, 6 to 16 by 2
JTCRP09	3.00000	5.5000	2.00000	3.00000	5, 6 to 16 by 2, 20
JTCRP10	3.50000	6.0000	2.30000	3.50000	6 to 16 by 2, 20, 25, 30
JTCRP11	4.00000	7.0000	2.60000	4.00000	6 to 16 by 2, 20 to 35 by 5
JTCRP12	4.50000	8.0000	2.90000	4.50000	8 to 16 by 2, 20 to 35 by 5
JTCRP13	5.00000	9.0000	3.30000	5.00000	8 to 16 by 2, 20 to 40 by 5
JTCRP14	6.00000	10.5000	3.90000	6.00000	10 to 16 by 2, 20 to 40 by 5, 50
JTCRP15	2.00000	3.5000	1.30000	1.98000	4, 5, 6 to 12 by 2
JTCRP16	2.50000	4.5000	1.70000	2.48000	4, 5, 6 to 16 by 2
JTCRP17	3.00000	5.5000	2.00000	2.98000	5, 6 to 16 by 2, 20
JTCRP18	4.00000	7.0000	2.60000	3.97000	6 to 16 by 2, 20 to 35 by 5

CROSS RECESSED TAPPING SCREWS

Name	NOMINAL_ DIA	head_ dia	head_ height	thread_ dia	length
JTCRP19	5.00000	9.0000	3.30000	4.97000	8 to 16 by 2, 20 to 40 by 5
JTCRP20	6.00000	10.5000	3.90000	5.97000	10 to 16 by 2, 20 to 40 by 5, 50
JTCRP21	2.00000	3.5000	1.30000	2.00000	4, 5, 6 to 12 by 2
JTCRP22	2.50000	4.5000	1.70000	2.50000	5, 6 to 16 by 2
JTCRP23	3.00000	5.5000	2.00000	3.00000	6 to 16 by 2, 20
JTCRP24	3.50000	6.0000	2.30000	3.50000	8 to 16 by 2, 20, 25, 30
JTCRP25	4.00000	7.0000	2.60000	4.00000	8 to 16 by 2, 20 to 35 by 5
JTCRP26	4.50000	8.0000	2.90000	4.50000	10 to 16 by 2, 20 to 35 by 5
JTCRP27	5.00000	9.0000	3.30000	5.00000	12, 14, 16, 20 to 40 by 5
JTCRP28	6.00000	10.5000	3.90000	6.00000	14, 16, 20 to 40 by 5, 50

CROSS RECESSED TAPPING SCREWS

CROSS RECESSED COUNTERSUNK HEAD TAPPING SCREWS, CLASS 1 - 4



Generic Part Name: JTCRC

Notes:

1. Corresponds to standard JIS B 1122.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

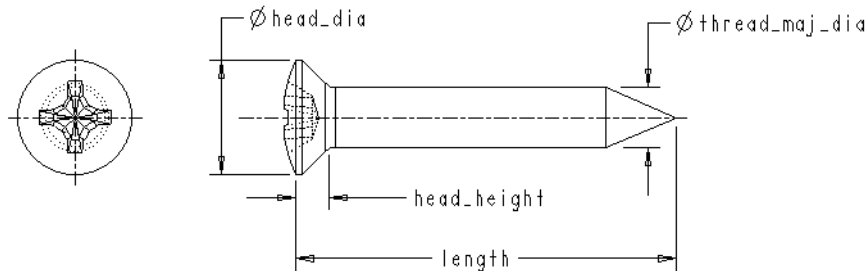
Name	NOMINAL _DIA	thread_ maj_dia	head_ height	head_ dia	length
JTCRC01	3.00000	3.10000	1.75000	6.0000	10 to 16 by 2, 20
JTCRC02	3.50000	3.65000	2.00000	7.0000	12, 14, 16, 20, 25, 30
JTCRC03	4.00000	4.15000	2.30000	8.0000	12, 14, 16, 20 to 35 by 5
JTCRC04	4.50000	4.65000	2.55000	9.0000	12, 14, 16, 20 to 35 by 5
JTCRC05	5.00000	5.20000	2.80000	10.0000	12, 16, 20 to 40 by 5
JTCRC06	6.00000	6.20000	3.40000	12.0000	16, 20 to 40 by 5, 50
JTCRC07	2.00000	2.00000	1.20000	4.0000	4, 5, 6 to 12 by 2
JTCRC08	2.50000	2.50000	1.45000	5.0000	5, 6 to 16 by 2
JTCRC09	3.00000	3.00000	1.75000	6.0000	6 to 16 by 2, 20
JTCRC10	3.50000	3.50000	2.00000	7.0000	8 to 16 by 2, 20, 25, 30
JTCRC11	4.00000	4.00000	2.30000	8.0000	8 to 16 by 2, 20 to 35 by 5
JTCRC12	4.50000	4.50000	2.55000	9.0000	10 to 16 by 2, 20 to 35 by 5
JTCRC13	5.00000	5.00000	2.80000	10.0000	10 to 16 by 2, 20 to 40 by 5
JTCRC14	6.00000	6.00000	3.40000	12.0000	12, 14, 16, 20 to 40 by 5, 50
JTCRC15	2.00000	1.98000	1.20000	4.0000	4, 5, 6 to 12 by 2
JTCRC16	2.50000	2.48000	1.45000	5.0000	4, 5, 6 to 16 by 2
JTCRC17	3.00000	2.98000	1.75000	6.0000	6 to 16 by 2, 20
JTCRC18	4.00000	3.97000	2.30000	8.0000	8 to 16 by 2, 20 to 35 by 5

CROSS RECESSED TAPPING SCREWS

Name	NOMINAL _DIA	thread_ maj_dia	head_ height	head_ dia	length
JTCRC19	5.00000	4.97000	2.80000	10.0000	10 to 16 by 2, 20 to 40 by 5
JTCRC20	6.00000	5.97000	3.40000	12.0000	12, 14, 16, 20 to 40 by 5, 50
JTCRC21	2.00000	2.00000	1.20000	4.0000	5, 6 to 12 by 2
JTCRC22	2.50000	2.50000	1.45000	5.0000	8 to 16 by 2
JTCRC23	3.00000	3.00000	1.75000	6.0000	10 to 16 by 2, 20
JTCRC24	3.50000	3.50000	2.00000	7.0000	12, 14, 16, 20, 25, 30
JTCRC25	4.00000	4.00000	2.30000	8.0000	12, 14, 16, 20 to 35 by 5
JTCRC26	4.50000	4.50000	2.55000	9.0000	12, 14, 16, 20 to 35 by 5
JTCRC27	5.00000	5.00000	2.80000	10.0000	14, 16, 20 to 40 by 5
JTCRC28	6.00000	6.00000	3.40000	12.0000	16, 20 to 40 by 5, 50

CROSS RECESSED TAPPING SCREWS

CROSS RECESSED OVAL COUNTERSUNK HEAD TAPPING SCREWS, CLASS 1 - 4



Generic Part Name: JTCRR

Notes:

1. Corresponds to standard JIS B 1122.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

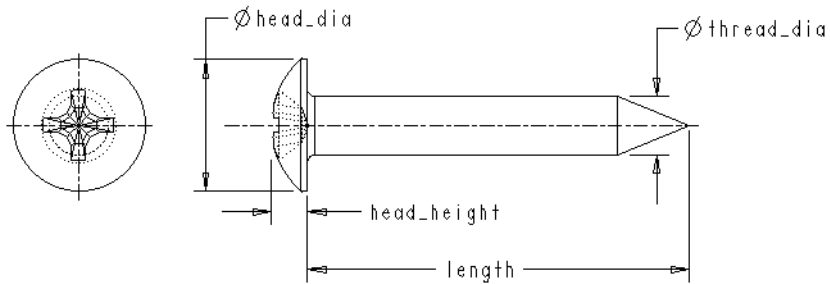
Name	NOMINAL_DIA	thread_maj_dia	head_dia	head_height	length
JTCRR01	3.00000	3.10000	6.0000	1.75000	10 to 16 by 2, 20
JTCRR02	3.50000	3.65000	7.0000	2.00000	12, 14, 16, 20, 25, 30
JTCRR03	4.00000	4.15000	8.0000	2.30000	12, 14, 16, 20 to 35 by 5
JTCRR04	4.50000	4.65000	9.0000	2.55000	12, 14, 16, 20 to 35 by 5
JTCRR05	5.00000	5.20000	10.0000	2.80000	14, 16, 20 to 40 by 5
JTCRR06	6.00000	6.20000	12.0000	3.40000	16, 20 to 40 by 5, 50
JTCRR07	2.00000	2.00000	4.0000	1.20000	4, 5, 6 to 12 by 2
JTCRR08	2.50000	2.50000	5.0000	1.45000	5, 6 to 16 by 2
JTCRR09	3.00000	3.00000	6.0000	1.75000	6 to 16 by 2, 20
JTCRR10	3.50000	3.50000	7.0000	2.00000	8 to 16 by 2, 20, 25, 30
JTCRR11	4.00000	4.00000	8.0000	2.30000	8 to 16 by 2, 20 to 35 by 5
JTCRR12	4.50000	4.50000	9.0000	2.55000	10 to 16 by 2, 20 to 35 by 5
JTCRR13	5.00000	5.00000	10.0000	2.80000	10 to 16 by 2, 20 to 40 by 5
JTCRR14	6.00000	6.00000	12.0000	3.40000	12, 14, 16, 20 to 40 by 5, 50
JTCRR15	2.00000	1.98000	4.0000	1.20000	4, 5, 6 to 12 by 2
JTCRR16	2.50000	2.48000	5.0000	1.45000	4, 5, 6 to 16 by 2
JTCRR17	3.00000	2.98000	6.0000	1.75000	6 to 16 by 2, 20

CROSS RECESSED TAPPING SCREWS

Name	NOMINAL _DIA	thread_ maj_dia	head_ dia	head_ height	length
JTCRR18	4.00000	3.97000	8.0000	2.30000	8 to 16 by 2, 20 to 35 by 5
JTCRR19	5.00000	4.97000	10.0000	2.80000	10 to 16 by 2, 20 to 40 by 5
JTCRR20	6.00000	5.97000	12.0000	3.40000	12, 14, 16, 20 to 40 by 5, 50
JTCRR21	2.00000	2.00000	4.0000	1.20000	5, 6 to 12 by 2
JTCRR22	2.50000	2.50000	5.0000	1.45000	8 to 16 by 2
JTCRR23	3.00000	3.00000	6.0000	1.75000	10 to 16 by 2, 20
JTCRR24	3.50000	3.50000	7.0000	2.00000	12, 14, 16, 20, 25, 30
JTCRR25	4.00000	4.00000	8.0000	2.30000	12, 14, 16, 20 to 35 by 5
JTCRR26	4.50000	4.50000	9.0000	2.55000	12, 14, 16, 20 to 35 by 5
JTCRR27	5.00000	5.00000	10.0000	2.80000	14, 16, 20 to 40 by 5
JTCRR28	6.00000	6.00000	12.0000	3.40000	16, 20 to 40 by 5, 50

CROSS RECESSED TAPPING SCREWS

CROSS RECESSED TRUSS HEAD TAPPING SCREWS, CLASS 1 - 4



Generic Part Name: JTCRT

Notes:

1. Corresponds to standard JIS B 1122.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

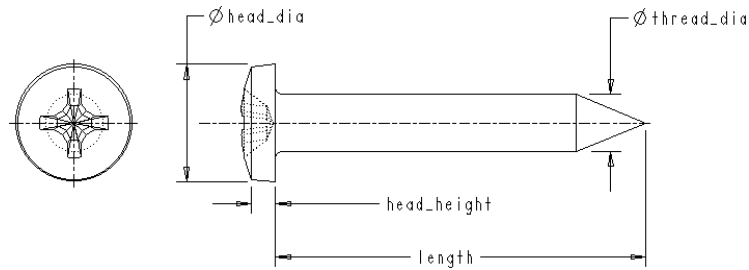
Name	NOMINAL_DIA	head_dia	head_height	thread_dia	length
JTCRT01	3.00000	6.9000	1.90000	3.10000	6 to 16 by 2, 20
JTCRT02	3.50000	8.1000	2.20000	3.65000	8 to 16 by 2, 20, 25
JTCRT03	4.00000	9.4000	2.50000	4.15000	8 to 16 by 2, 20, 25, 30
JTCRT04	4.50000	10.6000	2.80000	4.65000	10 to 16 by 2, 20, 25, 30
JTCRT05	5.00000	11.8000	3.10000	5.20000	12, 14, 16, 20 to 35 by 5
JTCRT06	6.00000	14.0000	3.70000	6.20000	14, 16, 20 to 40 by 5
JTCRT07	2.00000	4.5000	1.20000	2.00000	4, 5, 6 to 12 by 2
JTCRT08	2.50000	5.7000	1.50000	2.50000	4, 5, 6 to 16 by 2
JTCRT09	3.00000	6.9000	1.90000	3.00000	5, 6 to 16 by 2, 20
JTCRT10	3.50000	8.1000	2.20000	3.50000	6 to 16 by 2, 20, 25
JTCRT11	4.00000	9.4000	2.50000	4.00000	6 to 16 by 2, 20, 25, 30
JTCRT12	4.50000	10.6000	2.80000	4.50000	8 to 16 by 2, 20, 25, 30
JTCRT13	5.00000	11.8000	3.10000	5.00000	8 to 16 by 2, 20 to 35 by 5
JTCRT14	6.00000	14.0000	3.70000	6.00000	10 to 16 by 2, 20 to 40 by 5
JTCRT15	2.00000	4.5000	1.20000	1.98000	4, 5, 6 to 12 by 2
JTCRT16	2.50000	5.7000	1.50000	2.48000	4, 5, 6 to 16 by 2
JTCRT17	3.00000	6.9000	1.90000	2.98000	5, 6 to 16 by 2, 20

CROSS RECESSED TAPPING SCREWS

Name	NOMINAL _DIA	head_ dia	head_ height	thread_ dia	length
JTCRT18	4.00000	9.4000	2.50000	3.97000	6 to 16 by 2, 20, 25, 30
JTCRT19	5.00000	11.8000	3.10000	4.97000	8 to 16 by 2, 20 to 35 by 5
JTCRT20	6.00000	14.0000	3.70000	5.97000	10 to 16 by 2, 20 to 40 by 5
JTCRT21	2.00000	4.5000	1.20000	2.00000	4, 5, 6 to 12 by 2
JTCRT22	2.50000	5.7000	1.50000	2.50000	5, 6 to 16 by 2
JTCRT23	3.00000	6.9000	1.90000	3.00000	6 to 16 by 2, 20
JTCRT24	3.50000	8.1000	2.20000	3.50000	8 to 16 by 2, 20, 25
JTCRT25	4.00000	9.4000	2.50000	4.00000	8 to 16 by 2, 20, 25, 30
JTCRT26	4.50000	10.6000	2.80000	4.50000	10 to 16 by 2, 20, 25, 30
JTCRT27	5.00000	11.8000	3.10000	5.00000	12, 14, 16, 20 to 35 by 5
JTCRT28	6.00000	14.0000	3.70000	6.00000	14, 16, 20 to 40 by 5

CROSS RECESSED TAPPING SCREWS

CROSS RECESSED BINDING HEAD TAPPING SCREWS, CLASS 1 - 4



Generic Part Name: JTCRB

Notes:

1. Corresponds to standard JIS B 1122.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

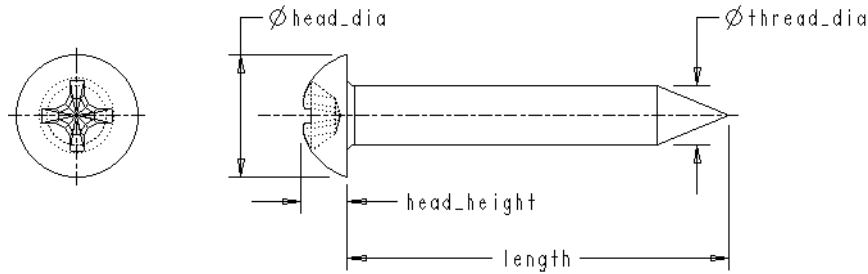
Name	NOMINAL _DIA	thread_ dia	head_ dia	head_ height	length
JTCRB01	3.00000	3.10000	6.3000	1.30000	6 to 16 by 2, 20
JTCRB02	3.50000	3.65000	7.3000	1.50000	8 to 16 by 2, 20, 25
JTCRB03	4.00000	4.15000	8.3000	1.70000	8 to 16 by 2, 20, 25, 30
JTCRB04	4.50000	4.65000	9.3000	1.90000	10 to 16 by 2, 20, 25, 30
JTCRB05	5.00000	5.20000	10.3000	2.10000	12, 14, 16, 20 to 35 by 5
JTCRB06	6.00000	6.20000	12.4000	2.40000	14, 16, 20 to 40 by 5
JTCRB07	2.00000	2.00000	4.3000	0.85000	4, 5, 6 to 12 by 2
JTCRB08	2.50000	2.50000	5.3000	1.00000	4, 5, 6 to 16 by 2
JTCRB09	3.00000	3.00000	6.3000	1.30000	5, 6 to 16 by 2, 20
JTCRB10	3.50000	3.50000	7.3000	1.50000	6 to 16 by 2, 20, 25
JTCRB11	4.00000	4.00000	8.3000	1.70000	6 to 16 by 2, 20, 25, 30
JTCRB12	4.50000	4.50000	9.3000	1.90000	8 to 16 by 2, 20, 25, 30
JTCRB13	5.00000	5.00000	10.3000	2.10000	8 to 16 by 2, 20 to 35 by 5
JTCRB14	6.00000	6.00000	12.4000	2.40000	10 to 16 by 2, 20 to 40 by 5
JTCRB15	2.00000	1.98000	4.3000	0.85000	4, 5, 6 to 12 by 2
JTCRB16	2.50000	2.48000	5.3000	1.00000	4, 5, 6 to 16 by 2
JTCRB17	3.00000	2.98000	6.3000	1.30000	5, 6 to 16 by 2, 20
JTCRB18	4.00000	3.97000	8.3000	1.70000	6 to 16 by 2, 20, 25, 30

CROSS RECESSED TAPPING SCREWS

Name	NOMINAL _DIA	thread_ dia	head_ dia	head_ height	length
JTCRB19	5.00000	4.97000	10.3000	2.10000	8 to 16 by 2, 20 to 35 by 5
JTCRB20	6.00000	5.97000	12.4000	2.40000	10 to 16 by 2, 20 to 40 by 5
JTCRB21	2.00000	2.00000	4.3000	0.85000	4, 5, 6 to 12 by 2
JTCRB22	2.50000	2.50000	5.3000	1.00000	5, 6 to 16 by 2
JTCRB23	3.00000	3.00000	6.3000	1.30000	6 to 16 by 2, 20
JTCRB24	3.50000	3.50000	7.3000	1.50000	8 to 16 by 2, 20, 25
JTCRB25	4.00000	4.00000	8.3000	1.70000	8 to 16 by 2, 20, 25, 30
JTCRB26	4.50000	4.50000	9.3000	1.90000	10 to 16 by 2, 20, 25, 30
JTCRB27	5.00000	5.00000	10.3000	2.10000	12, 14, 16, 20 to 35 by 5
JTCRB28	6.00000	6.00000	12.4000	2.40000	14, 16, 20 to 40 by 5

CROSS RECESSED TAPPING SCREWS

CROSS RECESSED BRAZIER HEAD TAPPING SCREWS, CLASS 1 - 4



Generic Part Name: JTCRZ

Notes:

1. Corresponds to standard JIS B 1122.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

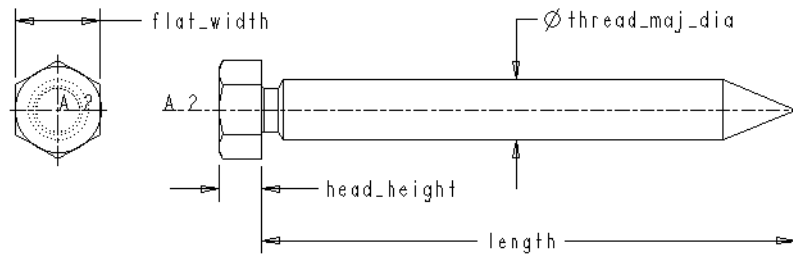
Name	NOMINAL_DIA	head_height	head_dia	thread_dia	length
JTCRZ01	3.00000	2.45000	6.4000	3.10000	6 to 16 by 2, 20
JTCRZ02	3.50000	2.60000	7.4000	3.65000	8 to 16 by 2, 20, 25
JTCRZ03	4.00000	2.70000	8.5000	4.15000	8 to 16 by 2, 20, 25, 30
JTCRZ04	4.50000	3.05000	9.5000	4.65000	10 to 16 by 2, 20, 25, 30
JTCRZ05	5.00000	3.40000	10.6000	5.20000	12, 14, 16, 20 to 35 by 5
JTCRZ06	6.00000	4.10000	12.5000	6.20000	14, 16, 20 to 40 by 5
JTCRZ07	2.00000	1.50000	4.2000	2.00000	4, 5, 6 to 12 by 2
JTCRZ08	2.50000	2.00000	5.5000	2.50000	4, 5, 6 to 16 by 2
JTCRZ09	3.00000	2.45000	6.4000	3.00000	5, 6 to 16 by 2, 20
JTCRZ10	3.50000	2.60000	7.4000	3.50000	6 to 16 by 2, 20
JTCRZ11	4.00000	2.70000	8.5000	4.00000	6 to 16 by 2, 20, 25, 30
JTCRZ12	4.50000	3.05000	9.5000	4.50000	8 to 16 by 2, 20, 25, 30
JTCRZ13	5.00000	3.40000	10.6000	5.00000	8 to 16 by 2, 20 to 35 by 5
JTCRZ14	6.00000	4.10000	12.5000	6.00000	10 to 16 by 2, 20 to 40 by 5
JTCRZ15	2.00000	1.50000	4.2000	1.98000	4, 5, 6 to 12 by 2
JTCRZ16	2.50000	2.00000	5.5000	2.48000	4, 5, 6 to 16 by 2
JTCRZ17	3.00000	2.45000	6.4000	2.98000	5, 6 to 16 by 2, 20
JTCRZ18	4.00000	2.70000	8.5000	3.97000	6 to 16 by 2, 20, 25, 30

CROSS RECESSED TAPPING SCREWS

Name	NOMINAL _DIA	head_ height	head_ dia	thread_ dia	length
JTCRZ19	5.00000	3.40000	10.6000	4.97000	8 to 16 by 2, 20 to 35 by 5
JTCRZ20	6.00000	4.10000	12.5000	5.97000	10 to 16 by 2, 20 to 40 by 5
JTCRZ21	2.00000	1.50000	4.2000	2.00000	4, 5, 6 to 12 by 2
JTCRZ22	2.50000	2.00000	5.5000	2.50000	5, 6 to 16 by 2
JTCRZ23	3.00000	2.45000	6.4000	3.00000	6 to 16 by 2, 20
JTCRZ24	3.50000	2.60000	7.4000	3.50000	8 to 16 by 2, 20, 25
JTCRZ25	4.00000	2.70000	8.5000	4.00000	8 to 16 by 2, 20, 25, 30
JTCRZ26	4.50000	3.05000	9.5000	4.50000	10 to 16 by 2, 20, 25, 30
JTCRZ27	5.00000	3.40000	10.6000	5.00000	12, 14, 16, 20 to 35 by 5
JTCRZ28	6.00000	4.10000	12.5000	6.00000	14, 16, 20 to 40 by 5

HEX HEAD TAPPING SCREWS

HEX HEAD TAPPING SCREWS, TYPE C & F



Generic Part Name: JTHHS

Notes:

1. Corresponds to standards ISO 1479 - 1983 and JIS B 1123.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

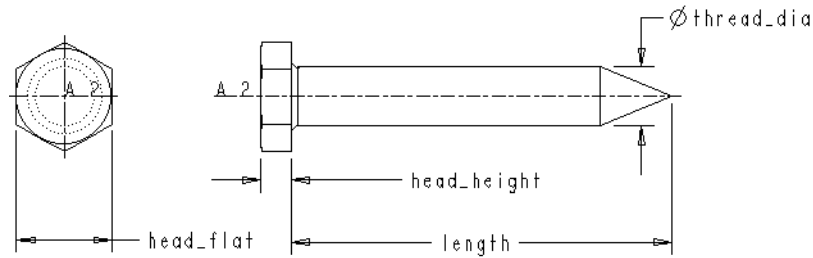
Name	NOMINAL _DIA_THR _PITCH	thread_ maj_dia	head_ height	flat_ width	length
JTHHS01	ST2.2X0.8	2.24000	1.60000	3.2000	4.5, 6.5, 9.5, 13, 16
JTHHS02	ST2.9X1.1	2.90000	2.30000	5.0000	6.5, 9.5, 13, 16, 19
JTHHS03	ST3.5X1.3	3.53000	2.60000	5.5000	6.5, 9.5, 13 to 22 by 3
JTHHS04	ST4.2X1.4	4.22000	3.00000	7.0000	9.5, 13 to 25 by 3
JTHHS05	ST4.8X1.6	4.80000	3.80000	8.0000	9.5, 13 to 25 by 3, 32
JTHHS06	ST5.5X1.8	5.46000	4.10000	8.0000	13 to 25 by 3, 32
JTHHS07	ST6.3X1.8	6.25000	4.70000	10.0000	13 to 25 by 3, 32, 38
JTHHS08	ST8X2.1	8.00000	6.00000	13.0000	13 to 25 by 3, 32, 38, 45, 50
JTHHS09	ST9.5X2.1	9.65000	7.50000	16.0000	16 to 25 by 3, 32, 38, 45, 50
JTHHS10	ST2.2X0.8	2.24000	1.60000	3.2000	4.5, 6.5, 9.5, 13, 16
JTHHS11	ST2.9X1.1	2.90000	2.30000	5.0000	6.5, 9.5, 13, 16, 19
JTHHS12	ST3.5X1.3	3.53000	2.60000	5.5000	6.5, 9.5, 13 to 22 by 3
JTHHS13	ST4.2X1.4	4.22000	3.00000	7.0000	9.5, 13 to 25 by 3
JTHHS14	ST4.8X1.6	4.80000	3.80000	8.0000	9.5, 13 to 25 by 3, 32
JTHHS15	ST5.5X1.8	5.46000	4.10000	8.0000	13 to 25 by 3, 32
JTHHS16	ST6.3X1.8	6.25000	4.70000	10.0000	13 to 25 by 3, 32, 38

HEX HEAD TAPPING SCREWS

Name	NOMINAL _DIA_THR _PITCH	thread_ maj_dia	head_ height	flat_ width	length
JTHHS17	ST8X2.1	8.00000	6.00000	13.0000	13 to 25 by 3, 32, 38, 45, 50
JTHHS18	ST9.5X2.1	9.65000	7.50000	16.0000	16 to 25 by 3, 32, 38, 45, 50

HEX HEAD TAPPING SCREWS

HEX HEAD TAPPING SCREWS, CLASS 2 - 4



Generic Part Name: JTHHP

Notes:

1. Corresponds to standard JIS B 1123.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

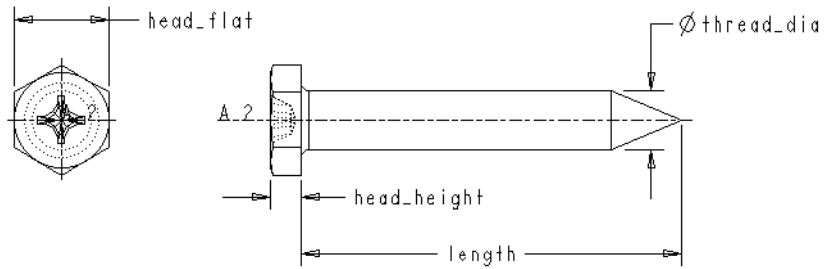
Name	NOMINAL DIA	thread dia	head flat	head height	length
JTHHP01	3.00000	3.00000	5.0000	1.60000	5, 6 to 16 by 2, 20
JTHHP02	3.50000	3.50000	5.5000	2.30000	6 to 16 by 2, 20, 25, 30
JTHHP03	4.00000	4.00000	7.0000	2.50000	6 to 16 by 2, 20 to 35 by 5
JTHHP04	4.50000	4.50000	7.0000	2.70000	8 to 16 by 2, 20 to 35 by 5
JTHHP05	5.00000	5.00000	8.0000	3.00000	8 to 16 by 2, 20 to 40 by 5
JTHHP06	6.00000	6.00000	10.0000	3.50000	10 to 16 by 2, 20 to 40 by 5, 50
JTHHP07	8.00000	8.00000	12.0000	5.00000	12, 14, 16, 20 to 40 by 5, 50, 60
JTHHP08	3.00000	2.98000	5.0000	1.60000	5, 6 to 16 by 2, 20
JTHHP09	4.00000	3.97000	7.0000	2.50000	6 to 16 by 2, 20 to 35 by 5
JTHHP10	5.00000	4.97000	8.0000	3.00000	8 to 16 by 2, 20 to 40 by 5
JTHHP11	6.00000	5.97000	10.0000	3.50000	10 to 16 by 2, 20 to 40 by 5, 50
JTHHP12	8.00000	7.96000	12.0000	5.00000	12, 14, 16, 20 to 40 by 5, 50, 60
JTHHP13	3.00000	3.00000	5.0000	1.60000	6 to 16 by 2, 20
JTHHP14	3.50000	3.50000	5.5000	2.30000	8 to 16 by 2, 20, 25, 30
JTHHP15	4.00000	4.00000	7.0000	2.50000	8 to 16 by 2, 20 to 35 by 5
JTHHP16	4.50000	4.50000	7.0000	2.70000	10 to 16 by 2, 20 to 35 by 5
JTHHP17	5.00000	5.00000	8.0000	3.00000	12, 14, 16, 20 to 40 by 5

HEX HEAD TAPPING SCREWS

Name	NOMINAL _DIA	thread_ dia	head_ flat	head_ height	length
JTHHP18	6.00000	6.00000	10.0000	3.50000	14, 16, 20 to 40 by 5, 50
JTHHP19	8.00000	8.00000	12.0000	5.00000	16, 20 to 40 by 5, 50, 60

HEX HEAD TAPPING SCREWS

CROSS RECESSED HEX HEAD TAPPING SCREWS, CLASS 2 - 4



Generic Part Name: JTHCR

Notes:

1. Corresponds to standard JIS B 1123.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

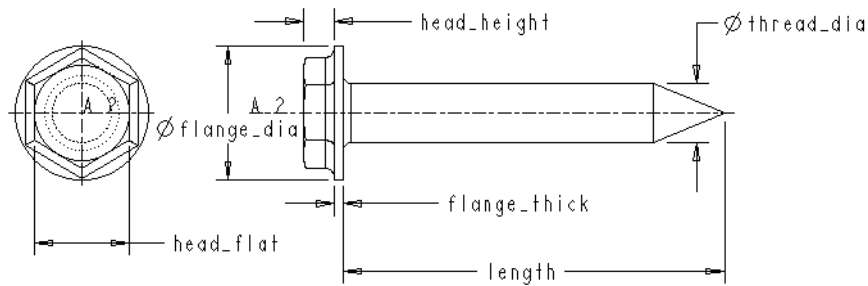
Name	NOMINAL _DIA	thread_ dia	head_ flat	head_ height	length
JTHCR01	3.00000	3.00000	5.0000	1.60000	5, 6 to 16 by 2, 20
JTHCR02	3.50000	3.50000	5.5000	2.30000	6 to 16 by 2, 20, 25, 30
JTHCR03	4.00000	4.00000	7.0000	2.50000	6 to 16 by 2, 20 to 35 by 5
JTHCR04	4.50000	4.50000	7.0000	2.70000	8 to 16 by 2, 20 to 35 by 5
JTHCR05	5.00000	5.00000	8.0000	3.00000	8 to 16 by 2, 20 to 40 by 5
JTHCR06	6.00000	6.00000	10.0000	3.50000	10 to 16 by 2, 20 to 40 by 5, 50
JTHCR07	8.00000	8.00000	12.0000	5.00000	12, 14, 16, 20 to 40 by 5, 50, 60
JTHCR08	3.00000	2.98000	5.0000	1.60000	5, 6 to 16 by 2, 20
JTHCR09	4.00000	3.97000	7.0000	2.50000	6 to 16 by 2, 20 to 35 by 5
JTHCR10	5.00000	4.97000	8.0000	3.00000	8 to 16 by 2, 20 to 40 by 5
JTHCR11	6.00000	5.97000	10.0000	3.50000	10 to 16 by 2, 20 to 40 by 5, 50
JTHCR12	8.00000	7.96000	12.0000	5.00000	12, 14, 16, 20 to 40 by 5, 50, 60
JTHCR13	3.00000	3.00000	5.0000	1.60000	6 to 16 by 2, 20
JTHCR14	3.50000	3.50000	5.5000	2.30000	8 to 16 by 2, 20, 25, 30
JTHCR15	4.00000	4.00000	7.0000	2.50000	8 to 16 by 2, 20 to 35 by 5
JTHCR16	4.50000	4.50000	7.0000	2.70000	10 to 16 by 2, 20 to 35 by 5
JTHCR17	5.00000	5.00000	8.0000	3.00000	12, 14, 16, 20 to 40 by 5

HEX HEAD TAPPING SCREWS

Name	NOMINAL _DIA	thread_ dia	head_ flat	head_ height	length
JTHCR18	6.00000	6.00000	10.0000	3.50000	14, 16, 20 to 40 by 5, 50
JTHCR19	8.00000	8.00000	12.0000	5.00000	16, 20 to 40 by 5, 50, 60

HEX HEAD TAPPING SCREWS

FLANGED HEX HEAD TAPPING SCREWS, CLASS 2 - 4



Generic Part Name: JTHHF

Notes:

1. Corresponds to standard JIS B 1123.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

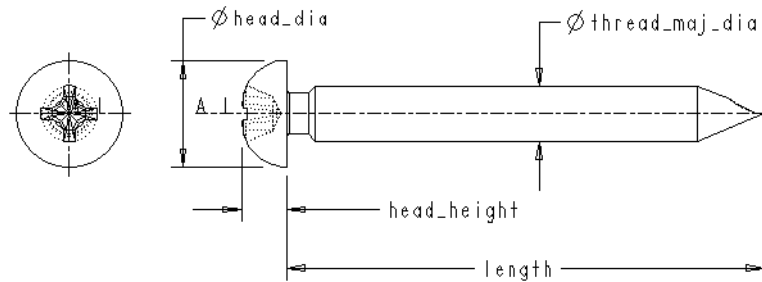
Name	NOMINAL _DIA	thread_ dia	head_ flat	head_ height	flange_ dia	flange_ thick	length
JTHHF01	3.00000	3.00000	5.0000	1.60000	7.0000	0.50000	5, 6 to 16 by 2, 20
JTHHF02	3.50000	3.50000	5.5000	2.30000	8.0000	0.50000	6 to 16 by 2, 20, 25, 30
JTHHF03	4.00000	4.00000	7.0000	2.50000	9.0000	0.60000	6 to 16 by 2, 20 to 35 by 5
JTHHF04	4.50000	4.50000	7.0000	2.70000	10.0000	0.70000	6 to 16 by 2, 20 to 35 by 5
JTHHF05	5.00000	5.00000	8.0000	3.00000	10.0000	0.80000	8 to 16 by 2, 20 to 40 by 5
JTHHF06	6.00000	6.00000	10.0000	3.50000	13.0000	0.90000	10 to 16 by 2, 20 to 40 by 5, 50
JTHHF07	8.00000	8.00000	12.0000	5.00000	16.0000	1.20000	12, 14, 16, 20 to 40 by 5, 50, 60
JTHHF08	3.00000	2.98000	5.0000	1.60000	7.0000	0.50000	5, 6 to 16 by 2, 20
JTHHF09	4.00000	3.97000	7.0000	2.50000	9.0000	0.60000	6 to 16 by 2, 20 to 35 by 5
JTHHF10	5.00000	4.97000	8.0000	3.00000	10.0000	0.80000	8 to 16 by 2, 20 to 40 by 5
JTHHF11	6.00000	5.97000	10.0000	3.50000	13.0000	0.90000	10 to 16 by 2, 20 to 40 by 5, 50

HEX HEAD TAPPING SCREWS

Name	NOMINAL _DIA	thread_ dia	head_ flat	head_ height	flange_ dia	flange_ thick	length
JTHHF12	8.00000	7.96000	12.0000	5.00000	16.0000	1.20000	12, 14, 16, 20 to 40 by 5, 50, 60
JTHHF13	3.00000	3.00000	5.0000	1.60000	7.0000	0.50000	6 to 16 by 2, 20
JTHHF14	3.50000	3.50000	5.5000	2.30000	8.0000	0.50000	8 to 16 by 2, 20, 25, 30
JTHHF15	4.00000	4.00000	7.0000	2.50000	9.0000	0.60000	8 to 16 by 2, 20 to 35 by 5
JTHHF16	4.50000	4.50000	7.0000	2.70000	10.0000	0.70000	10 to 16 by 2, 20 to 35 by 5
JTHHF17	5.00000	5.00000	8.0000	3.00000	10.0000	0.80000	12, 14, 16, 20 to 40 by 5
JTHHF18	6.00000	6.00000	10.0000	3.50000	13.0000	0.90000	14, 16, 20 to 40 by 5, 50
JTHHF19	8.00000	8.00000	12.0000	5.00000	16.0000	1.20000	16, 20 to 40 by 5, 50, 60

SELF DRILLING TAPPING SCREWS

SELF DRILLING PAN HEAD TAPPING SCREWS, CONE & DRILL POINT



Generic Part Name: JTSDP

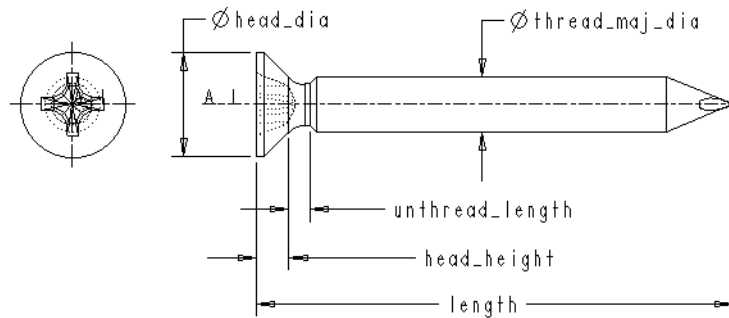
Notes:

1. Corresponds to standard JIS B 1125.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL _DIA_THR _PITCH	head_ dia	head_ height	thread_ maj_ dia	length
JTSDP01	2.9X1.1	5.6000	2.40000	2.90000	14, 16, 20, 25, 30
JTSDP02	3.5X1.3	7.0000	2.60000	3.53000	16, 20 to 50 by 5
JTSDP03	3.9X1.3	7.0000	2.80000	3.91000	12, 14, 16, 20 to 70 by 5, 80, 90, 100
JTSDP04	4.2X1.4	8.0000	3.10000	4.22000	12, 14, 16, 20 to 70 by 5, 80 to 150 by 10
JTSDP05	4.8X1.6	9.5000	3.70000	4.80000	14, 16, 20 to 70 by 5, 80 to 150 by 10
JTSDP06	5.5X1.8	11.0000	4.00000	5.46000	14, 16, 20 to 70 by 5, 80 to 150 by 10
JTSDP07	6.3X1.8	12.0000	4.60000	6.25000	16, 20 to 70 by 5, 80 to 150 by 10
JTSDP08	2.9X1.1	5.6000	2.40000	3.00000	14, 16, 20, 25, 30
JTSDP09	3.5X1.3	7.0000	2.60000	3.60000	16, 20 to 50 by 5
JTSDP10	3.9X1.3	7.0000	2.80000	4.00000	20 to 70 by 5, 80, 90, 100
JTSDP11	4.2X1.4	8.0000	3.10000	4.30000	20 to 70 by 5, 80 to 150 by 10
JTSDP12	4.8X1.6	9.5000	3.70000	4.90000	25 to 70 by 5, 80 to 150 by 10
JTSDP13	5.5X1.8	11.0000	4.00000	5.46000	35 to 70 by 5, 80 to 150 by 10
JTSDP14	6.3X1.8	12.0000	4.60000	6.25000	35 to 70 by 5, 80 to 150 by 10

SELF DRILLING TAPPING SCREWS

SELF DRILLING FLAT HEAD TAPPING SCREWS, CONE & DRILL POINT



Generic Part Name: JTSDC

Notes:

1. Corresponds to standard JIS B 1125.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

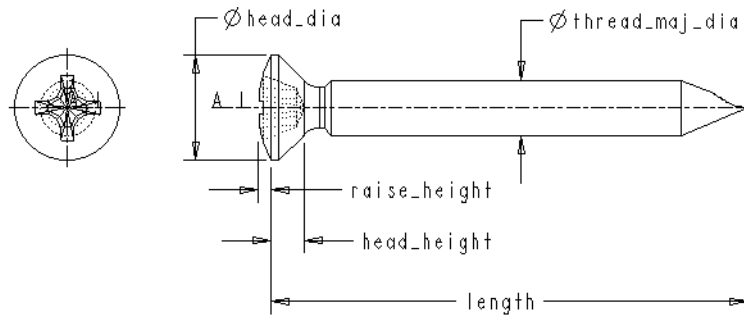
Name	NOMINAL _DIA_THR _PITCH	thread_ maj_dia	head_ dia	head_ height	unthread_ length	length
JTSDC01	2.9X1.1	2.90000	5.5000	1.70000	1.10000	14, 15, 20, 25, 30
JTSDC02	3.5X1.3	3.53000	7.3000	2.35000	1.30000	16, 20 to 50 by 5
JTSDC03	3.9X1.3	3.91000	7.7000	2.50000	1.30000	12, 14, 16, 20 to 70 by 5, 80, 90, 100
JTSDC04	4.2X1.4	4.22000	8.4000	2.60000	1.40000	12, 14, 16, 20 to 70 by 5, 80 to 150 by 10
JTSDC05	4.8X1.6	4.80000	9.3000	2.80000	1.60000	14, 16, 20 to 70 by 5, 80 to 150 by 10
JTSDC06	5.5X1.8	5.46000	10.3000	3.00000	1.80000	14, 16, 20 to 70 by 5, 80 to 150 by 10
JTSDC07	6.3X1.8	6.25000	11.3000	3.15000	1.80000	16, 20 to 70 by 5, 80 to 150 by 10
JTSDC08	2.9X1.1	3.00000	5.5000	1.70000	1.10000	14, 16, 20, 25, 30
JTSDC09	3.5X1.3	3.60000	7.3000	2.35000	1.30000	16, 20 to 50 by 5
JTSDC10	3.9X1.3	4.00000	7.7000	2.50000	1.30000	20 to 70 by 5, 80, 90, 100
JTSDC11	4.2X1.4	4.30000	8.4000	2.60000	1.40000	20 to 70 by 5, 80 to 150 by 10

SELF DRILLING TAPPING SCREWS

Name	NOMINAL _DIA_THR _PITCH	thread_ maj_dia	head_ dia	head_ height	unthread_ length	length
JTSDC12	4.8X1.6	4.90000	9.3000	2.80000	1.60000	25 to 70 by 5, 80 to 150 by 10
JTSDC13	5.5X1.8	5.46000	10.3000	3.00000	1.80000	35 to 70 by 5, 80 to 150 by 10
JTSDC14	6.3X1.8	6.25000	11.3000	3.15000	1.80000	35 to 70 by 5, 80 to 150 by 10

SELF DRILLING TAPPING SCREWS

SELF DRILLING OVAL COUNTERSUNK HEAD TAPPING SCREWS, CONE & DRILL POINT



Generic Part Name: JTSDO

Notes:

1. Corresponds to standard JIS B 1125.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

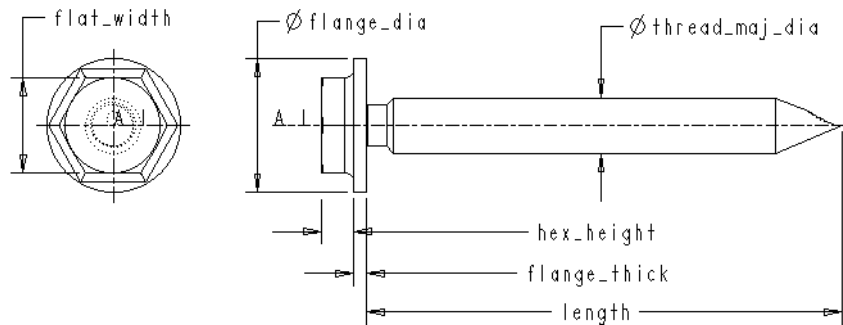
Name	NOMINAL _DIA_THR _PITCH	raise_ height	thread_ maj_dia	head_ dia	head_ height	length
JTSDO01	2.9X1.1	0.70000	2.90000	5.50000	1.70000	14, 16, 20, 25, 30
JTSDO02	3.5X1.3	0.80000	3.53000	7.30000	2.35000	16, 20 to 50 by 5
JTSDO03	3.9X1.3	0.90000	3.91000	7.70000	2.50000	12, 14, 16, 20 to 70 by 5, 80, 90, 100
JTSDO04	4.2X1.4	1.00000	4.22000	8.40000	2.60000	12, 14, 16, 20 to 70 by 5, 80 to 150 by 10
JTSDO05	4.8X1.6	1.20000	4.80000	9.30000	2.80000	14, 16, 20 to 70 by 5, 80 to 150 by 10
JTSDO06	5.5X1.8	1.30000	5.46000	10.30000	3.00000	14, 16, 20 to 70 by 5, 80 to 150 by 10
JTSDO07	6.3X1.8	1.40000	6.25000	11.30000	3.15000	16, 20 to 70 by 5, 80 to 150 by 10
JTSDO08	2.9X1.1	0.70000	3.00000	5.50000	1.70000	14, 16, 20, 25, 30
JTSDO09	3.5X1.3	0.80000	3.60000	7.30000	2.35000	16, 20 to 50 by 5
JTSDO10	3.9X1.3	0.90000	4.00000	7.70000	2.50000	20 to 70 by 5, 80, 90, 100
JTSDO11	4.2X1.4	1.00000	4.30000	8.40000	2.60000	20 to 70 by 5, 80 to 150 by 10
JTSDO12	4.8X1.6	1.20000	4.90000	9.30000	2.80000	25 to 70 by 5, 80 to 150 by 10

SELF DRILLING TAPPING SCREWS

Name	NOMINAL _DIA_THR _PITCH	raise_ height	thread_ maj_dia	head_ dia	head_ height	length
JTSDO13	5.5X1.8	1.30000	5.46000	10.3000	3.00000	35 to 70 by 5, 80 to 150 by 10
JTSDO14	6.3X1.8	1.40000	6.25000	11.3000	3.15000	35 to 70 by 5, 80 to 150 by 10

SELF DRILLING TAPPING SCREWS

SELF DRILLING FLANGED HEX HEAD TAPPING SCREWS, CONE & DRILL POINT



Generic Part Name: JTSDH

Notes:

1. Corresponds to standard JIS B 1125.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

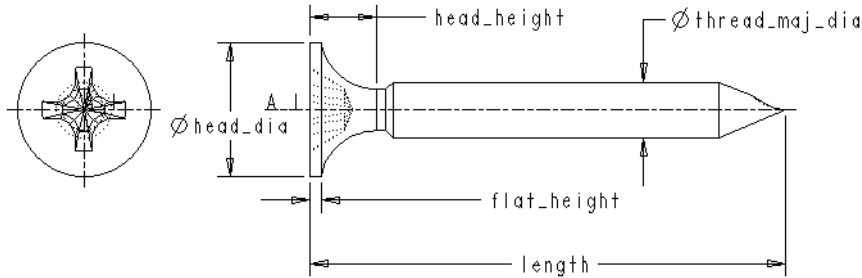
Name	NOMINAL _DIA_THR _PITCH	flange_ thick	thread_ maj_dia	flange_ dia	flat_ width	hex_ height	length
JTSDH01	2.9X1.1	0.65000	2.90000	7.0000	5.0000	1.70000	14, 16, 20, 25, 30
JTSDH02	3.5X1.3	0.65000	3.53000	8.0000	5.5000	2.40000	16, 20 to 50 by 5
JTSDH03	3.9X1.3	0.75000	3.91000	9.0000	7.0000	2.60000	12, 14, 16, 20 to 70 by 5, 80, 90, 100
JTSDH04	4.2X1.4	0.85000	4.22000	10.0000	7.0000	2.80000	12, 14, 16, 20 to 70 by 5, 80 to 150 by 10
JTSDH05	4.8X1.6	1.00000	4.80000	10.0000	8.0000	3.10000	14, 16, 20 to 70 by 5, 80 to 150 by 10
JTSDH06	5.5X1.8	1.00000	5.46000	11.0000	8.0000	3.10000	14, 16, 20 to 70 by 5, 80 to 150 by 10
JTSDH07	6.3X1.8	1.10000	6.25000	13.0000	10.0000	3.60000	16, 20 to 70 by 5, 80 to 150 by 10
JTSDH08	2.9X1.1	0.65000	3.00000	7.0000	5.0000	1.70000	14, 16, 20, 25, 30
JTSDH09	3.5X1.3	0.65000	3.60000	8.0000	5.5000	2.40000	16, 20 to 50 by 5
JTSDH10	3.9X1.3	0.75000	4.00000	9.0000	7.0000	2.60000	20 to 70 by 5, 80, 90, 100

SELF DRILLING TAPPING SCREWS

Name	NOMINAL _DIA_THR _PITCH	flange_ thick	thread_ maj_dia	flange_ dia	flat_ width	hex_ height	length
JTSDH11	4.2X1.4	0.85000	4.30000	10.0000	7.0000	2.80000	20 to 70 by 5, 80 to 150 by 10
JTSDH12	4.8X1.6	1.00000	4.90000	10.0000	8.0000	3.10000	25 to 70 by 5, 80 to 150 by 10
JTSDH13	5.5X1.8	1.00000	5.46000	11.0000	8.0000	3.10000	35 to 70 by 5, 80 to 150 by 10
JTSDH14	6.3X1.8	1.10000	6.25000	13.0000	10.0000	3.60000	35 to 70 by 5, 80 to 150 by 10

SELF DRILLING TAPPING SCREWS

SELF DRILLING TRUMPET HEAD TAPPING SCREWS, CONE & DRILL POINT



Generic Part Name: JTSDT

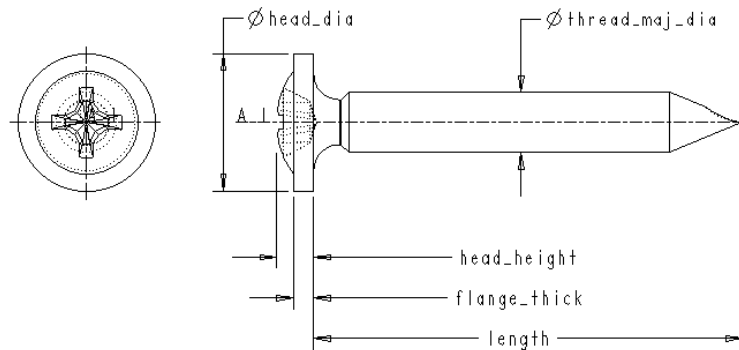
Notes:

1. Corresponds to standard JIS B 1125.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL _DIA_THR _PITCH	thread_ maj_dia	head_ dia	head_ height	flat_ height	length
JTSDT01	2.9X1.1	2.90000	7.00000	3.50000	0.60000	14, 16, 20, 25, 30
JTSDT02	3.5X1.3	3.53000	8.50000	4.00000	0.60000	16, 20 to 50 by 5
JTSDT03	3.9X1.3	3.91000	9.00000	4.50000	0.80000	12, 14, 16, 20 to 70 by 5, 80, 90, 100
JTSDT04	4.2X1.4	4.22000	9.00000	4.50000	0.80000	12, 14, 16, 20 to 70 by 5, 80 to 150 by 10
JTSDT05	4.8X1.6	4.80000	9.00000	5.00000	1.00000	14, 16, 20 to 70 by 5, 80 to 150 by 10
JTSDT06	2.9X1.1	3.00000	7.00000	3.50000	0.60000	14, 16, 20, 25, 30
JTSDT07	3.5X1.3	3.60000	8.50000	4.00000	0.60000	16, 20 to 50 by 5
JTSDT08	3.9X1.3	4.00000	9.00000	4.50000	0.80000	20 to 70 by 5, 80, 90, 100
JTSDT09	4.2X1.4	4.30000	9.00000	4.50000	0.80000	20 to 70 by 5, 80 to 150 by 10
JTSDT10	4.8X1.6	4.90000	9.00000	5.00000	1.00000	25 to 70 by 5, 80 to 150 by 10

SELF DRILLING TAPPING SCREWS

SELF DRILLING WAFER HEAD TAPPING SCREWS, CONE & DRILL POINT



Generic Part Name: JTSDF

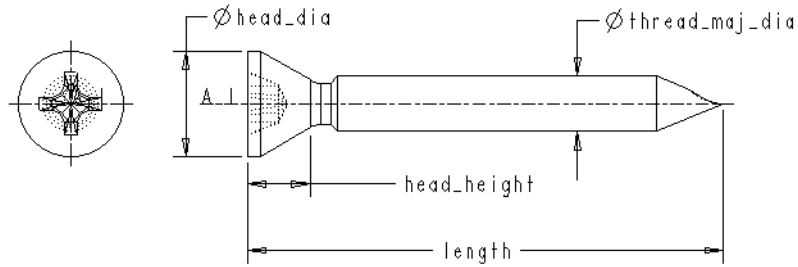
Notes:

1. Corresponds to standard JIS B 1125.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL _DIA_ THR _PITCH	head_ dia	head_ height	thread_ maj_dia	flange_ thick	length
JTSDF01	3.5X1.3	8.0000	2.20000	3.53000	1.20000	16, 20 to 50 by 5
JTSDF02	3.9X1.3	9.0000	2.30000	3.91000	1.20000	20 to 70 by 5, 80, 90, 100
JTSDF03	4.2X1.4	11.0000	2.40000	4.22000	1.20000	20 to 70 by 5, 80 to 150 by 10
JTSDF04	4.8X1.6	12.0000	2.60000	4.80000	1.20000	25 to 70 by 5, 80 to 150 by 10
JTSDF05	3.5X1.3	8.0000	2.20000	3.60000	1.20000	16, 20 to 50 by 5
JTSDF06	3.9X1.3	9.0000	2.30000	4.00000	1.20000	20 to 70 by 5, 80, 90, 100
JTSDF07	4.2X1.4	11.0000	2.40000	4.30000	1.20000	20 to 70 by 5, 80 to 150 by 10
JTSDF08	4.8X1.6	12.0000	2.60000	4.90000	1.20000	25 to 70 by 5, 80 to 150 by 10

SELF DRILLING TAPPING SCREWS

SELF DRILLING SMALL-SIZE FLAT HEAD TAPPING SCREWS, CONE & DRILL POINT



Generic Part Name: JTSDS

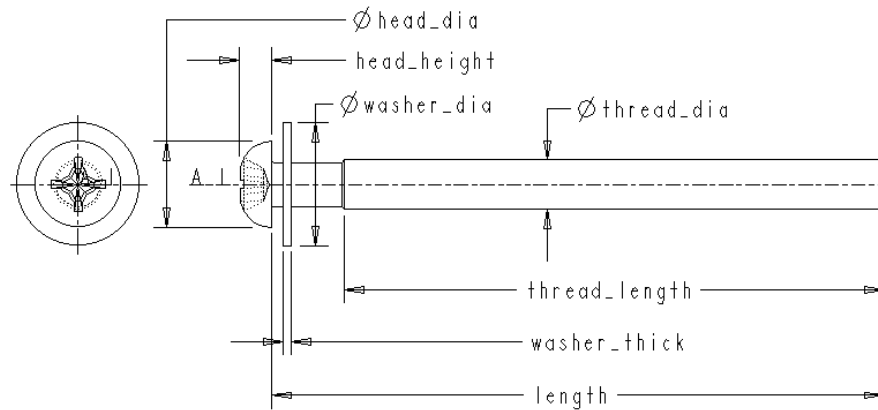
Notes:

1. Corresponds to standard JIS B 1125.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL _DIA_THR _PITCH	thread_ maj_dia	head_ dia	head_ height	length
JTSDS01	2.9X1.1	2.90000	5.50000	3.30000	14, 16, 20, 25, 30
JTSDS02	3.5X1.3	3.53000	6.00000	3.40000	16, 20 to 50 by 5
JTSDS03	3.9X1.3	3.91000	6.50000	3.50000	12, 14, 16, 20 to 70 by 5, 80, 90, 100
JTSDS04	4.2X1.4	4.22000	7.00000	3.60000	12, 14, 16, 20 to 70 by 5, 80 to 150 by 10
JTSDS05	2.9X1.1	3.00000	5.50000	3.30000	14, 16, 20, 25, 30
JTSDS06	3.5X1.3	3.60000	6.00000	3.40000	16, 20 to 50 by 5
JTSDS07	3.9X1.3	4.00000	6.50000	3.50000	20 to 70 by 5, 80, 90, 100
JTSDS08	4.2X1.4	4.30000	7.00000	3.60000	20 to 70 by 5, 80 to 150 by 10

CROSS RECESSED HEAD MACHINE SCREWS WITH WASHER

CROSS RECESSED PAN HEAD MACHINE SCREWS WITH WASHER



Generic Part Name: JCRWP

Notes:

1. Corresponds to standard JIS B 1188.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

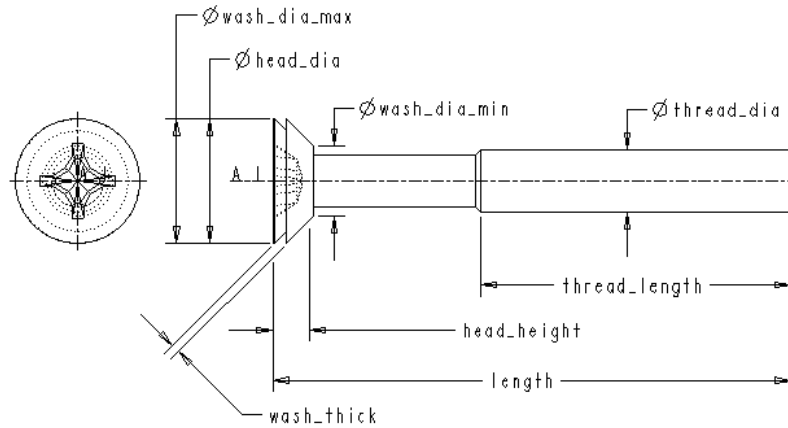
Name	NOMINAL _DIA_THR _PITCH	thread _dia	head _dia	head _height	washer _dia	washer _thick	length	thread _length
JCRWP01	M2X0.4	2.0000	3.5000	1.3000	5.0000	0.3000	5, 6, 8 to 16 by 2, 20	3.9, 4.9 to 10.9 by 2, 8
JCRWP02	M2.5X0.45	2.5000	4.5000	1.7000	6.5000	0.5000	5, 6 to 16 by 2, 20, 25	3.6, 4.6 to 12.6 by 2, 12
JCRWP03	M3X0.5	3.0000	5.5000	2.0000	7.0000	0.5000	6 to 16 by 2, 20, 25, 30	4.5 to 14.5 by 2, 12
JCRWP04	M4X0.7	4.0000	7.0000	2.6000	9.0000	0.8000	8 to 16 by 2, 20 to 35 by 5	5.7 to 13.7 by 2, 16, 17.7
JCRWP05	M5X0.8	5.0000	9.0000	3.3000	10.0000	1.0000	10 to 16 by 2, 20 to 40 by 5	7.3 to 13.3 by 2, 17.3, 20, 22.3

CROSS RECESSED MACHINE SCREWS WITH WASHERS

Name	NOMINAL _DIA_THR _PITCH	thread _dia	head _dia	head _height	washer _dia	washer _thick	length	thread _length
JCRWP06	M6X1	6.0000	10.5000	3.9000	12.5000	1.6000	12 to 16 by 2, 20 to 50 by 5	8.3, 10.3, 12.3, 16.3, 21.3,25, 26.3
JCRWP07	M8X1.25	8.0000	14.0000	5.2000	17.0000	1.6000	16, 20 to 50 by 5	11.8, 15.8 to 30.8 by 5, 30

CROSS RECESSED MACHINE SCREWS WITH WASHERS

CROSS RECESSED COUNTERSUNK HEAD MACHINE SCREWS WITH WASHER



Generic Part Name: JCRWC

Notes:

1. Corresponds to standard JIS B 1188.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

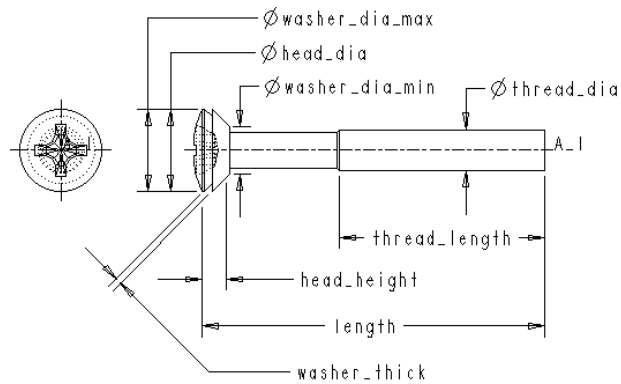
Name	NOMINAL _DIA_ _THR_ _PITCH	thread _dia	head _dia	head _height	washer _dia _max	washer _dia _min	washer _thick	length	thread _length
JCRWC01	M3X0.5	3.0000	6.0000	1.7500	6.0000	3.4000	0.4000	8 to 16 by 2, 20, 25, 30	4.6 to 12.6 by 2, 12
JCRWC02	M4X0.7	4.0000	8.0000	2.3000	8.0000	4.5000	0.4000	10 to 16 by 2, 20 to 35 by 5	5.4 to 11.4 by 2, 15.4, 16
JCRWC03	M5X0.8	5.0000	10.0000	2.8000	10.0000	5.5000	0.5000	12, 14, 16, 20 to 40 by 5	6.6, 8.6, 10.6, 14.6, 19.6, 20

CROSS RECESSED MACHINE SCREWS WITH WASHERS

Name	NOMINAL _DIA_ THR _PITCH	thread _dia	head _dia	head _height	washer _dia _max	washer _dia _min	washer _thick	length	thread _length
JCRWC04	M6X1	6.0000	12.0000	3.4000	12.0000	6.5000	0.5000	14, 16, 20 to 50 by 5	7.4, 9.4, 13.4, 18.4, 23.4, 25
JCRWC05	M8X1.25	8.0000	16.0000	4.4000	16.0000	8.8000	0.6000	16, 20 to 50 by 5	7.7, 11.7 to 26.7 by 5, 30

CROSS RECESSED MACHINE SCREWS WITH WASHERS

CROSS RECESSED OVAL COUNTERSUNK HEAD MACHINE SCREWS WITH WASHER



Generic Part Name: JCRWR

Notes:

1. Corresponds to standard JIS B 1188.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

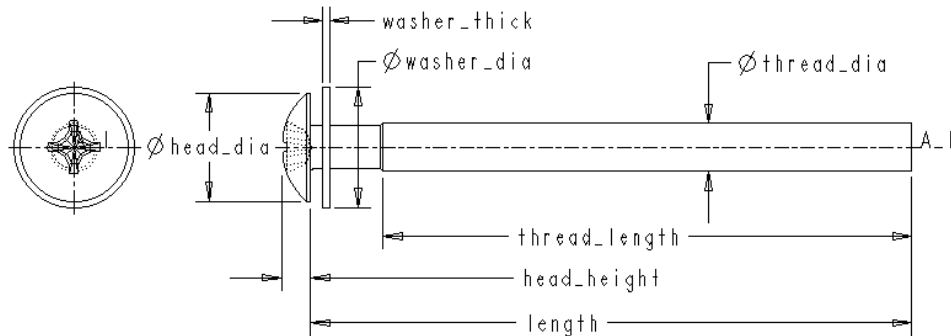
Name	NOMINAL _DIA_THR _PITCH	thread _dia	head _dia	head_ height	washer _dia _max	washer _dia _min	washer _thick	length	thread _length
JCRWR01	M3X0.5	3.0000	6.0000	1.7500	6.0000	3.4000	0.4000	8 to 16 by 2, 20, 25, 30	4.6 to 12.6 by 2, 12
JCRWR02	M4X0.7	4.0000	8.0000	2.3000	8.0000	4.5000	0.4000	10 to 16 by 2, 20 to 35 by 5	5.4 to 11.4 by 2, 15.4, 16
JCRWR03	M5X0.8	5.0000	10.0000	2.8000	10.0000	5.5000	0.5000	12, 14, 16, 20 to 40 by 5	6.6, 8.6, 10.6, 14.6, 19.6, 20

CROSS RECESSED MACHINE SCREWS WITH WASHERS

Name	NOMINAL _DIA_THR _PITCH	thread _dia	head _dia	head_ height	washer _dia _max	washer _dia _min	washer _thick	length	thread _length
JCRWR04	M6X1	6.0000	12.0000	3.4000	12.0000	6.5000	0.5000	14, 16, 20 to 50 by 5	7.4, 9.4, 13.4, 18.4, 23.4, 25
JCRWR05	M8X1.25	8.0000	16.0000	4.4000	16.0000	8.8000	0.6000	16, 20 to 50 by 5	7.7, 11.7 to 26.7 by 5, 30

CROSS RECESSED MACHINE SCREWS WITH WASHERS

CROSS RECESSED TRUSS HEAD MACHINE SCREWS WITH WASHER



Generic Part Name: JCRWT

Notes:

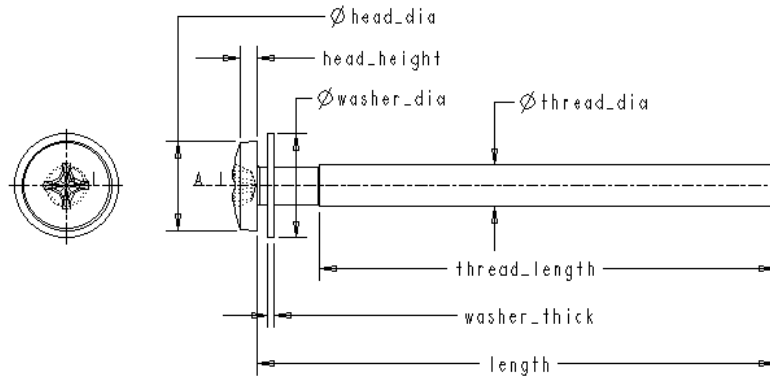
1. Corresponds to standard JIS B 1188.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”

Name	NOMINAL _DIA_THR _PITCH	thread _dia	washer _dia	washer _thick	head _dia	head _height	length	thread _length
JCRWT01	M2X0.4	2.0000	5.0000	0.3000	4.5000	1.2000	5, 6 to 16 by 2, 20	3.9, 4.9 to 10.9 by 2, 8
JCRWT02	M2.5X0.45	2.5000	6.5000	0.5000	5.7000	1.5000	5, 6, 8 to 16 by 2, 20, 25	3.6, 4.6 to 12.6 by 2, 12
JCRWT03	M3X0.5	3.0000	7.0000	0.5000	6.9000	1.9000	6 to 16 by 2, 20, 25, 30	4.5 to 14.5 by 2, 12
JCRWT04	M4X0.7	4.0000	9.0000	0.8000	9.4000	2.5000	8 to 16 by 2, 20 to 35 by 5	5.7 to 13.7 by 2, 17.7, 16
JCRWT05	M5X0.8	5.0000	10.0000	1.0000	11.8000	3.1000	10 to 16 by 2, 20 to 40 by 5	7.3 to 13.3 by 2, 17.3, 20, 22.3

CROSS RECESSED MACHINE SCREWS WITH WASHERS

Name	NOMINAL _DIA_THR _PITCH	thread _dia	washer _dia	washer _thick	head _dia	head _height	length	thread _length
JCRWT06	M6X1	6.0000	12.5000	1.6000	14.0000	3.7000	12, 14, 16, 20 to 50 by 5	8.3, 10.3, 12.3, 16.3, 21.3, 25, 26.3
JCRWT07	M8X1.25	8.0000	17.0000	1.6000	17.8000	4.8000	16, 20 to 50 by 5	11.8, 15.8 to 30.8 by 5, 30

CROSS RECESSED BINDING HEAD MACHINE SCREWS WITH WASHER



Generic Part Name: JCRWB

Notes:

1. Corresponds to standard JIS B 1188.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

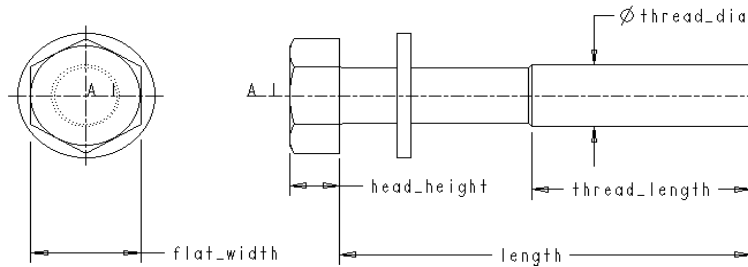
Name	NOMINAL _DIA_THR _PITCH	thread _dia	washer _dia	washer _thick	head _dia	head _height	length	thread _length
JCRWB01	M2X0.4	2.0000	5.0000	0.3000	4.3000	0.8500	5, 6 to 16 by 2, 20	3.9, 4.9 to 10.9 by 2, 8
JCRWB02	M2.5X0.45	2.5000	6.5000	0.5000	5.3000	1.0000	5, 6 to 16 by 2, 20, 25	3.6, 4.6 to 12.6 by 2, 12
JCRWB03	M3X0.5	3.0000	7.0000	0.5000	6.3000	1.3000	6 to 16 by 2, 20, 25, 30	4.5 to 14.5 by 2, 12
JCRWB04	M4X0.7	4.0000	9.0000	0.8000	8.3000	1.7000	8 to 16 by 2, 20 to 35 by 5	5.7 to 13.7 by 2, 16, 17.7

CROSS RECESSED MACHINE SCREWS WITH WASHERS

Name	NOMINAL _DIA_THR _PITCH	thread _dia	washer _dia	washer _thick	head _dia	head _height	length	thread _length
JCRWB05	M5X0.8	5.0000	10.0000	1.0000	10.3000	2.1000	10 to 16 by 2, 20 to 40 by 5	7.3 to 13.3 by 2, 17.3, 20, 22.3
JCRWB06	M6X1	6.0000	12.5000	1.6000	12.4000	2.4000	12, 14, 16, 20 to 50 by 5	8.3, 10.3, 12.3, 16.3, 21.3, 25, 26.3
JCRWB07	M8X1.25	8.0000	17.0000	1.6000	16.4000	3.1000	16, 20 to 50 by 5	11.8, 15.8 to 30.8 by 5, 30

HEX HEAD SCREWS WITH WASHER

HEX HEAD SCREWS WITH WASHER, TRIMMED TYPE



Generic Part Name: JHSWT

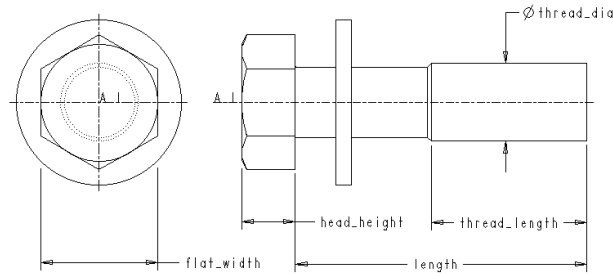
Notes:

1. Corresponds to standard JIS B 1187.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL _DIA_THR _PITCH	thread_ dia	flat_ width	head_ height	length	thread_length
JHSWT01	M5X0.8	5.0000	8.0000	3.5000	10 to 16 by 2, 20 to 50 by 5	7.3 to 13.3 by 2, 16
JHSWT02	M6X1	6.0000	10.0000	4.0000	12, 14, 16, 20 to 50 by 5	8.3, 10.3, 12.3, 16.3, 18
JHSWT03	M8X1.25	8.0000	13.0000	5.5000	16, 20 to 65 by 5	11.8, 15.8, 20.8, 22
JHSWT04	M10X1.5	10.0000	16.0000	7.0000	20 to 80 by 5	14.8, 19.8, 24.8, 26
JHSWT05	M12X1.75	12.0000	18.0000	8.0000	25 to 80 by 5	18.8, 23.8, 28.8, 30
JHSWT06	M8X1	8.0000	13.0000	5.5000	16, 20 to 65 by 5	12.3, 16.3, 21.3, 22
JHSWT07	M10X1.25	10.0000	16.0000	7.0000	20 to 80 by 5	15.3, 20.3, 25.3, 26
JHSWT08	M12X1.25	12.0000	18.0000	8.0000	25 to 80 by 5	19.8, 24.8, 29.8, 30

HEX HEAD SCREWS WITH WASHER

SMALL HEX HEAD SCREWS WITH WASHER, TRIMMED TYPE



Generic Part Name: JHSWS

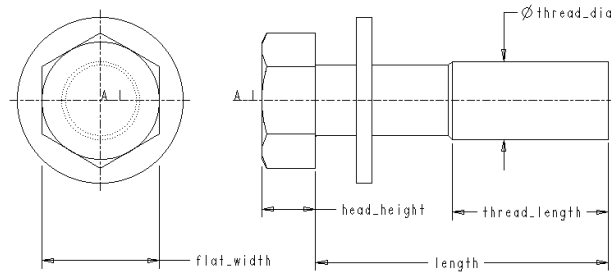
Notes:

1. Corresponds to standard JIS 1187.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL _DIA_THR _PITCH	thread_ dia	flat_ width	head_ height	length	thread_length
JHSWS01	M8X1.25	8.0000	12.0000	5.5000	16, 20 to 65 by 5	11.8, 15.8, 20.8, 22
JHSWS02	M10X1.5	10.0000	14.0000	7.0000	20 to 80 by 5	14.8, 19.8, 24.8, 26
JHSWS03	M12X1.75	12.0000	17.0000	8.0000	25 to 80 by 5	18.8, 23.8, 28.8, 30
JHSWS04	M8X1	8.0000	12.0000	5.5000	16, 20 to 65 by 5	12.3, 16.3, 21.3, 22
JHSWS05	M10X1.25	10.0000	14.0000	7.0000	20 to 80 by 5	15.3, 20.3, 25.3, 26
JHSWS06	M12X1.25	12.0000	17.0000	8.0000	25 to 80 by 5	19.8, 24.8, 29.8, 30

HEX HEAD SCREWS WITH WASHER

SMALL HEX HEAD SCREWS WITH WASHER, UPSET TYPE



Generic Part Name: JHSWU

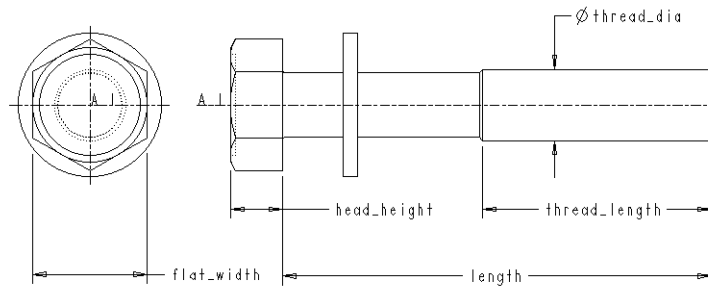
Notes:

1. Corresponds to standard JIS 1187.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL _DIA_THR _PITCH	thread_ dia	flat_ width	head_ height	length	thread_length
JHSWU01	M8X1.25	8.0000	12.0000	5.5000	16, 20 to 65 by 5	11.8, 15.8, 20.8, 22
JHSWU02	M10X1.5	10.0000	14.0000	7.0000	20 to 80 by 5	14.8, 19.8, 24.8, 26
JHSWU03	M12X1.75	12.0000	17.0000	8.0000	25 to 80 by 5	18.8, 23.8, 28.8, 30
JHSWU04	M8X1	8.0000	12.0000	5.5000	16, 20 to 65 by 5	12.3, 16.3, 21.3, 22
JHSWU05	M10X1.25	10.0000	14.0000	7.0000	20 to 80 by 5	15.3, 20.3, 25.3, 26
JHSWU06	M12X1.25	12.0000	17.0000	8.0000	25 to 80 by 5	19.8, 24.8, 29.8, 30

HEX HEAD SCREWS WITH WASHER

HEX HEAD SCREWS WITH WASHER, UPSET TYPE



Generic Part Name: JHSWL

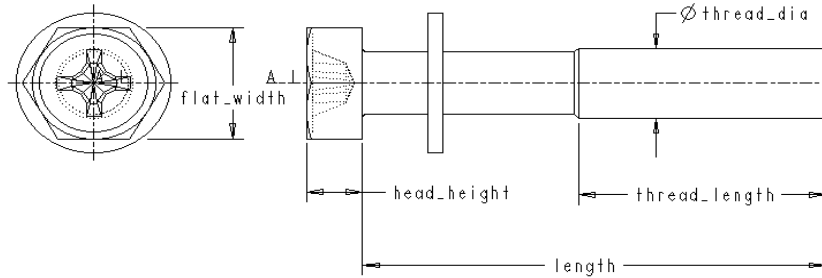
Notes:

1. Corresponds to standard JIS 1187.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL DIA_THR _PITCH	thread_ dia	flat_ width	head_ height	length	thread_length
JHSWL01	M4X.7	4.0000	7.0000	2.8000	8 to 16 by 2, 20 to 35 by 5	5.7 to 13.7 by 2, 14
JHSWL02	M5X0.8	5.0000	8.0000	3.5000	10 to 16 by 2, 20 to 50 by 5	7.3 to 13.3 by 2, 16
JHSWL03	M6X1	6.0000	10.0000	4.0000	12, 14, 16, 20 to 50 by 5	8.3, 10.3, 12.3, 16.3, 18
JHSWL04	M8X1.25	8.0000	13.0000	5.5000	16, 20 to 65 by 5	11.8, 15.8, 20.8, 22
JHSWL05	M10X1.5	10.0000	16.0000	7.0000	20 to 80 by 5	14.8, 19.8, 24.8, 26
JHSWL06	M12X1.75	12.0000	18.0000	8.0000	25 to 80 by 5	18.8, 23.8, 28.8, 30
JHSWL07	M8X1	8.0000	13.0000	5.5000	16, 20 to 65 by 5	12.3, 16.3, 21.3, 22
JHSWL08	M10X1.25	10.0000	16.0000	7.0000	20 to 80 by 5	15.3, 20.3, 25.3, 26
JHSWL09	M12X1.25	12.0000	18.0000	8.0000	25 to 80 by 5	19.8, 24.8, 29.8, 30

HEX HEAD SCREWS WITH WASHER

CROSS-RECESSED HEX HEAD SCREWS WITH WASHER, UPSET TYPE



Generic Part Name: JHSWC

Notes:

1. Corresponds to standard JIS 1187.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL _DIA_THR _PITCH	thread_ dia	flat_ width	head_ height	length	thread_length
JHSWC01	M4X.7	4.0000	7.0000	2.8000	8 to 16 by 2, 20 to 35 by 5	5.7 to 13.7 by 2, 14
JHSWC02	M5X0.8	5.0000	8.0000	3.5000	10 to 16 by 2, 20 to 50 by 5	7.3 to 13.3 by 2, 16
JHSWC03	M6X1	6.0000	10.0000	4.0000	12, 14, 16, 20 to 50 by 5	8.3, 10.3, 12.3, 16.3, 18
JHSWC04	M8X1.25	8.0000	12.0000	5.5000	16, 20 to 65 by 5	11.8, 15.8, 20.8, 22
JHSWC05	M8X1	8.0000	12.0000	5.5000	16, 20 to 65 by 5	12.3, 16.3, 21.3, 22

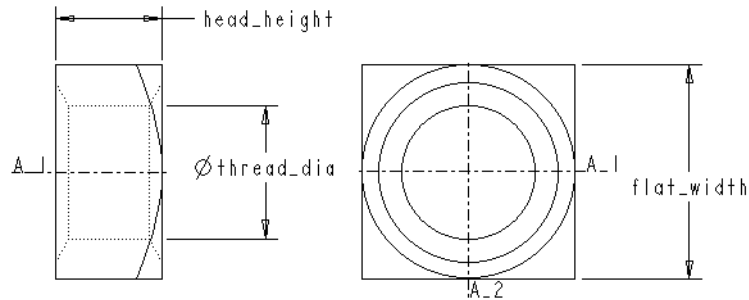
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SECTION III
NUTS

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SQUARE NUTS

SQUARE NUT



Generic Part Name: JSQRN

Notes:

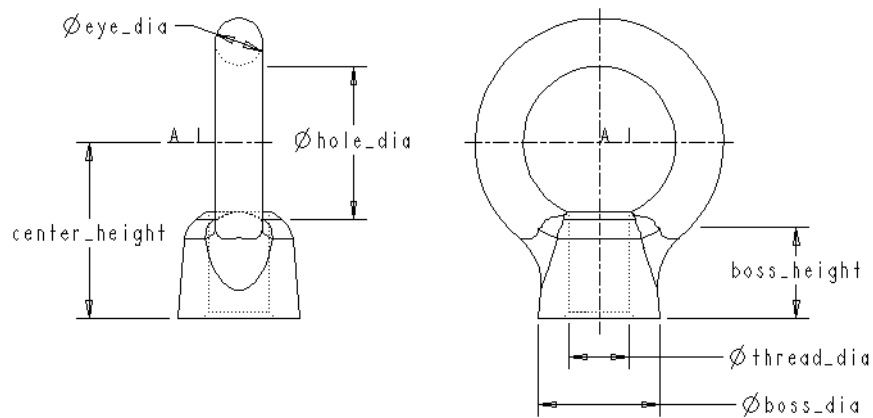
1. Corresponds to standard JIS B 1163.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL _DIA_THR _PITCH	flat_width	head_height	thread_dia
JSQRN01	M3X.5	5.5000	2.4000	3.0000
JSQRN02	M4X.7	7.0000	3.2000	4.0000
JSQRN03	M5X0.8	8.0000	4.0000	5.0000
JSQRN04	M6X1	10.0000	5.0000	6.0000
JSQRN05	M8X1.25	13.0000	6.5000	8.0000
JSQRN06	M10X1.5	17.0000	8.0000	10.0000
JSQRN07	M12X1.75	19.0000	10.0000	12.0000
JSQRN08	M16X2	24.0000	13.0000	16.0000
JSQRN09	M20X2.5	30.0000	16.0000	20.0000
JSQRN10	M24X3	36.0000	19.0000	24.0000

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EYE NUTS

EYE NUTS



Generic Part Name: JEYEN

Notes:

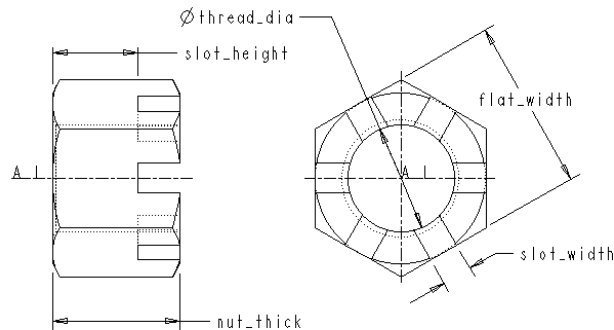
1. Corresponds to standard JIS B 1169.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL_SIZE	hole_dia	eye_dia	boss_dia	boss_height	center_height	thread_dia
JEYEN01	M8	20.000	6.3000	16.000	12.000	23.00	23.000
JEYEN02	M10	25.000	8.0000	20.000	15.000	28.00	28.000
JEYEN03	M12	30.000	10.0000	25.000	19.000	36.00	36.000
JEYEN04	M16	35.000	12.5000	30.000	23.000	42.00	42.000
JEYEN05	M20	40.000	16.0000	35.000	28.000	50.00	50.000
JEYEN06	M24	50.000	20.0000	45.000	38.000	66.00	66.000
JEYEN07	M30	60.000	25.0000	60.000	46.000	80.00	80.000
JEYEN08	M36	70.000	31.5000	70.000	55.000	95.00	95.000
JEYEN09	M42	80.000	35.5000	80.000	64.000	109.00	109.000
JEYEN10	M48	90.000	40.0000	90.000	73.000	123.00	123.000
JEYEN11	M64	110.000	50.0000	110.000	90.000	151.00	151.000
JEYEN12	M80X6	140.000	63.0000	130.000	108.000	184.00	184.000

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HEX SLOTTED AND CASTLE NUTS

HEX SLOTTED NUTS, CLASS 1, HIGH TYPE



Generic Part Name: JSN1H

Notes:

1. Corresponds to standard JIS B 1170.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

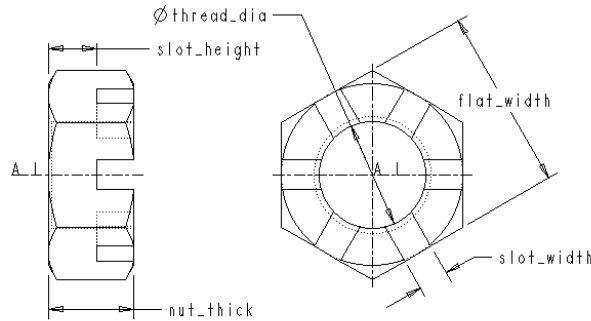
Name	NOMINAL DIA_THR_ PITCH	thread_ dia	flat_ width	nut_ thick	slot_ width	slot_ height
JSN1H01	M4X.7	5.0000	7.0000	5.0000	1.2000	3.2000
JSN1H02	M5X0.8	5.0000	8.0000	6.0000	1.4000	4.0000
JSN1H03	M6X1	6.0000	10.0000	7.5000	2.0000	5.0000
JSN1H04	M8X1.25	8.0000	13.0000	9.5000	2.5000	6.5000
JSN1H05	M10X1.5	10.0000	17.0000	12.0000	2.8000	8.0000
JSN1H06	M12X1.75	12.0000	19.0000	15.0000	3.5000	10.0000
JSN1H07	M16X2	16.0000	24.0000	19.0000	4.5000	13.0000
JSN1H08	M20X2.5	20.0000	30.0000	22.0000	4.5000	16.0000
JSN1H09	M24X3	24.0000	36.0000	27.0000	5.5000	19.0000
JSN1H10	M30X3.5	30.0000	46.0000	33.0000	7.0000	24.0000
JSN1H11	M36X4	36.0000	55.0000	38.0000	7.0000	29.0000
JSN1H12	M8X1	8.0000	13.0000	9.5000	2.5000	6.5000
JSN1H13	M10X1.25	10.0000	17.0000	12.0000	2.8000	8.0000
JSN1H14	M12X1.25	12.0000	19.0000	15.0000	3.5000	10.0000
JSN1H15	M16X1.5	16.0000	24.0000	19.0000	4.5000	13.0000

HEX SLOTTED AND CASTLE NUTS

Name	NOMINAL_ DIA_THR_ PITCH	thread_ dia	flat_ width	nut_ thick	slot_ width	slot_ height
JSN1H16	M20X1.5	20.0000	30.0000	22.0000	4.5000	16.0000
JSN1H17	M24X2	24.0000	36.0000	27.0000	5.5000	19.0000
JSN1H18	M30X2	30.0000	46.0000	33.0000	7.0000	24.0000
JSN1H19	M36X3	36.0000	55.0000	38.0000	7.0000	29.0000

HEX SLOTTED AND CASTLE NUTS

HEX SLOTTED NUTS, CLASS 1, LOW TYPE



Generic Part Name: JSN1L

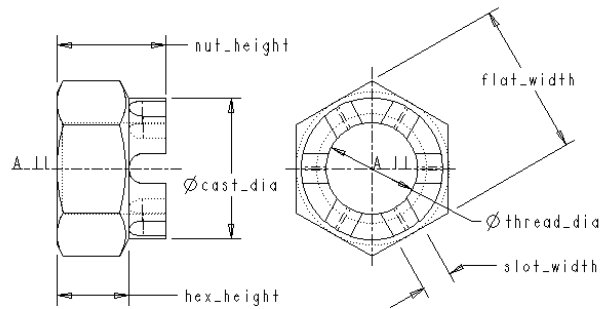
Notes:

1. Corresponds to standard JIS B 1170.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL_DIA_THR_PITCH	thread_dia	flat_width	nut_thick	slot_width	slot_height
JSN1L01	M10X1.5	10.0000	17.0000	8.0000	2.8000	4.5000
JSN1L02	M12X1.75	12.0000	19.0000	10.0000	3.5000	6.0000
JSN1L03	M16X2	16.0000	24.0000	13.0000	4.5000	8.0000
JSN1L04	M20X2.5	20.0000	30.0000	13.0000	4.5000	8.0000
JSN1L05	M24X3	24.0000	36.0000	14.0000	5.5000	9.0000
JSN1L06	M30X3.5	30.0000	46.0000	18.0000	7.0000	11.0000
JSN1L07	M36X4	36.0000	55.0000	21.0000	7.0000	14.0000
JSN1L08	M10X1.25	10.0000	17.0000	8.0000	2.8000	4.5000
JSN1L09	M12X1.25	12.0000	19.0000	10.0000	3.5000	6.0000
JSN1L10	M16X1.5	16.0000	24.0000	13.0000	4.5000	8.0000
JSN1L11	M20X1.5	20.0000	30.0000	13.0000	4.5000	8.0000
JSN1L12	M24X2	24.0000	36.0000	14.0000	5.5000	9.0000
JSN1L13	M30X2	30.0000	46.0000	18.0000	7.0000	11.0000
JSN1L14	M36X3	36.0000	55.0000	21.0000	7.0000	14.0000

HEX SLOTTED AND CASTLE NUTS

HEX CASTLE NUTS, CLASS 2, HIGH TYPE



Generic Part Name: JCN2H

Notes:

1. Corresponds to standard JIS B 1170.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

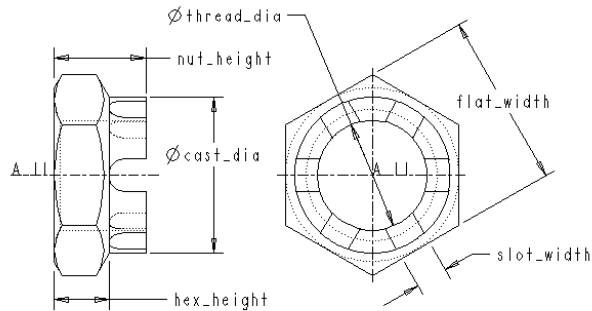
Name	NOMINAL _DIA_THR _PITCH	thread_ dia	flat_ width	nut_ height	slot_ width	cast_dia	hex_ height
JCN2H01	M12X1.75	12.000	19.000	15.000	3.5000	17.000	10.0000
JCN2H02	M16X2	16.000	24.000	19.000	4.5000	22.000	13.0000
JCN2H03	M20X2.5	20.000	30.000	22.000	4.5000	28.000	16.0000
JCN2H04	M24X3	24.000	36.000	27.000	5.5000	34.000	19.0000
JCN2H05	M30X3.5	30.000	46.000	33.000	7.0000	42.000	24.0000
JCN2H06	M36X4	36.000	55.000	38.000	7.0000	50.000	29.0000
JCN2H07	M42X4.5	42.000	65.000	46.000	9.0000	58.000	34.0000
JCN2H08	M48X5	48.000	75.000	50.000	9.0000	65.000	38.0000
JCN2H09	M56X5.5	56.000	85.000	57.000	9.0000	75.000	45.0000
JCN2H10	M64X6	64.000	95.000	66.000	11.0000	85.000	51.0000
JCN2H11	M72X6	72.000	105.000	73.000	11.0000	95.000	58.0000
JCN2H12	M80X6	80.000	115.000	79.000	11.0000	105.000	64.0000
JCN2H13	M90X6	90.000	130.000	92.000	14.0000	120.000	72.0000
JCN2H14	M100X6	100.000	145.000	100.000	14.0000	135.000	80.0000
JCN2H15	M12X1.25	12.000	19.000	15.000	3.5000	17.000	10.0000
JCN2H16	M16X1.5	16.000	24.000	19.000	4.5000	22.000	13.0000

HEX SLOTTED AND CASTLE NUTS

Name	NOMINAL _DIA_THR _PITCH	thread_ dia	flat_ width	nut_ height	slot_ width	cast_dia	hex_ height
JCN2H17	M20X1.5	20.000	30.000	22.000	4.5000	28.000	16.0000
JCN2H18	M24X2	24.000	36.000	27.000	5.5000	34.000	19.0000
JCN2H19	M30X2	30.000	46.000	33.000	7.0000	42.000	24.0000
JCN2H20	M36X3	36.000	55.000	38.000	7.0000	50.000	29.0000

HEX SLOTTED AND CASTLE NUTS

HEX CASTLE NUTS, CLASS 2, LOW TYPE



Generic Part Name: JCN2L

Notes:

1. Corresponds to standard JIS B 1170.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

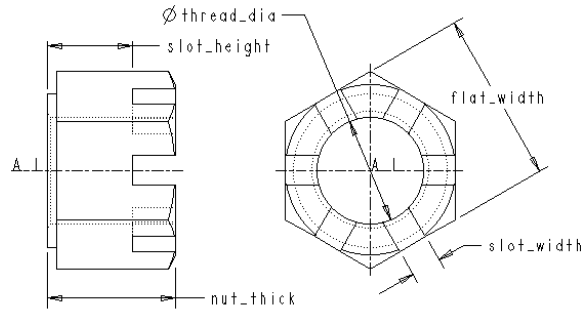
Name	NOMINAL _DIA_THR _PITCH	thread_ dia	flat_width	nut_ height	slot_ width	cast_dia	hex_ height
JCN2L01	M12X1.75	12.000	19.000	10.0000	3.5000	17.000	6.0000
JCN2L02	M16X2	16.000	24.000	13.0000	4.5000	22.000	8.0000
JCN2L03	M20X2.5	20.000	30.000	13.0000	4.5000	28.000	8.0000
JCN2L04	M24X3	24.000	36.000	14.0000	5.5000	34.000	9.0000
JCN2L05	M30X3.5	30.000	46.000	18.0000	7.0000	42.000	11.0000
JCN2L06	M36X4	36.000	55.000	21.0000	7.0000	50.000	14.0000
JCN2L07	M42X4.5	42.000	65.000	25.0000	9.0000	58.000	16.0000
JCN2L08	M48X5	48.000	75.000	29.0000	9.0000	65.000	20.0000
JCN2L09	M56X5.5	56.000	85.000	34.0000	9.0000	75.000	23.0000
JCN2L10	M64X6	64.000	95.000	38.0000	11.0000	85.000	27.0000
JCN2L11	M72X6	72.000	105.000	42.0000	11.0000	95.000	32.0000
JCN2L12	M80X6	80.000	115.000	48.0000	11.0000	105.000	34.0000
JCN2L13	M90X6	90.000	130.000	54.0000	14.0000	120.000	38.0000
JCN2L14	M100X6	100.000	145.000	60.0000	14.0000	135.000	44.0000
JCN2L15	M12X1.25	12.000	19.000	10.0000	3.5000	17.000	6.0000
JCN2L16	M16X1.5	16.000	24.000	13.0000	4.5000	22.000	8.0000

HEX SLOTTED AND CASTLE NUTS

Name	NOMINAL _DIA_THR _PITCH	thread_ dia	flat_width	nut_ height	slot_ width	cast_dia	hex_ height
JCN2L17	M20X1.5	20.000	30.000	13.0000	4.5000	28.000	8.0000
JCN2L18	M24X2	24.000	36.000	14.0000	5.5000	34.000	9.0000
JCN2L19	M30X2	30.000	46.000	18.0000	7.0000	42.000	11.0000
JCN2L20	M36X3	36.000	55.000	21.0000	7.0000	50.000	14.0000

HEX SLOTTED AND CASTLE NUTS

HEX SLOTTED NUTS, CLASS 3, HIGH TYPE



Generic Part Name: JSN3H

Notes:

1. Corresponds to standard JIS B 1170.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

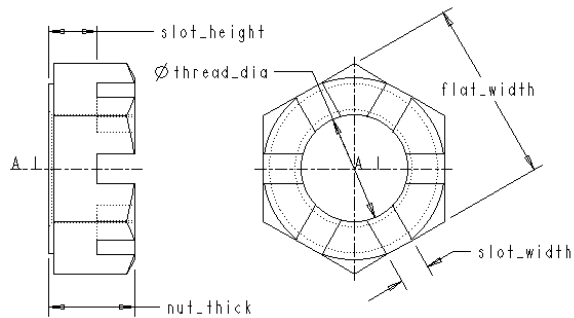
Name	NOMINAL _DIA_THR _PITCH	thread_ dia	flat_width	nut_thick	slot_width	slot_ height
JSN3H01	M4X.7	5.0000	7.0000	5.0000	1.2000	3.2000
JSN3H02	M5X0.8	5.0000	8.0000	6.0000	1.4000	4.0000
JSN3H03	M6X1	6.0000	10.0000	7.5000	2.0000	5.0000
JSN3H04	M8X1.25	8.0000	13.0000	9.5000	2.5000	6.5000
JSN3H05	M10X1.5	10.0000	17.0000	12.0000	2.8000	8.0000
JSN3H06	M12X1.75	12.0000	19.0000	15.0000	3.5000	10.0000
JSN3H07	M16X2	16.0000	24.0000	19.0000	4.5000	13.0000
JSN3H08	M20X2.5	20.0000	30.0000	22.0000	4.5000	16.0000
JSN3H09	M24X3	24.0000	36.0000	27.0000	5.5000	19.0000
JSN3H10	M30X3.5	30.0000	46.0000	33.0000	7.0000	24.0000
JSN3H11	M36X4	36.0000	55.0000	38.0000	7.0000	29.0000
JSN3H12	M8X1	8.0000	13.0000	9.5000	2.5000	6.5000
JSN3H13	M10X1.25	10.0000	17.0000	12.0000	2.8000	8.0000
JSN3H14	M12X1.25	12.0000	19.0000	15.0000	3.5000	10.0000
JSN3H15	M16X1.5	16.0000	24.0000	19.0000	4.5000	13.0000
JSN3H16	M20X1.5	20.0000	30.0000	22.0000	4.5000	16.0000

HEX SLOTTED AND CASTLE NUTS

Name	NOMINAL _DIA_THR _PITCH	thread_ dia	flat_width	nut_thick	slot_width	slot_ height
JSN3H17	M24X2	24.0000	36.0000	27.0000	5.5000	19.0000
JSN3H18	M30X2	30.0000	46.0000	33.0000	7.0000	24.0000
JSN3H19	M36X3	36.0000	55.0000	38.0000	7.00000	29.0000

HEX SLOTTED AND CASTLE NUTS

HEX SLOTTED NUTS, CLASS 3, LOW TYPE



Generic Part Name: JSN3L

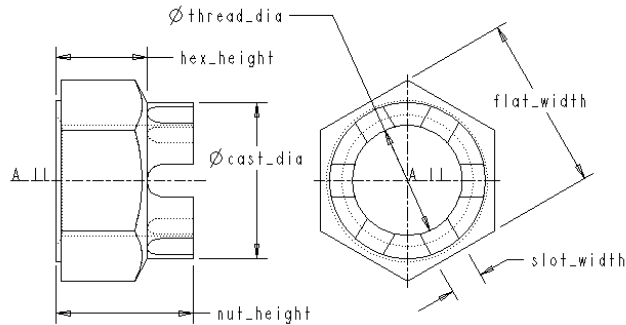
Notes:

1. Corresponds to standard JIS B 1170.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL _DIA_THR _PITCH	thread_ dia	flat_width	nut_thick	slot_width	slot_ height
JSN3L01	M10X1.5	10.0000	17.0000	8.0000	2.8000	4.5000
JSN3L02	M12X1.75	12.0000	19.0000	10.0000	3.5000	6.0000
JSN3L03	M16X2	16.0000	24.0000	13.0000	4.5000	8.0000
JSN3L04	M20X2.5	20.0000	30.0000	13.0000	4.5000	8.0000
JSN3L05	M24X3	24.0000	36.0000	14.0000	5.5000	9.0000
JSN3L06	M30X3.5	30.0000	46.0000	18.0000	7.0000	11.0000
JSN3L07	M36X4	36.0000	55.0000	21.0000	7.0000	14.0000
JSN3L08	M10X1.25	10.0000	17.0000	8.0000	2.8000	4.5000
JSN3L09	M12X1.25	12.0000	19.0000	10.0000	3.5000	6.0000
JSN3L10	M16X1.5	16.0000	24.0000	13.0000	4.5000	8.0000
JSN3L11	M20X1.5	20.0000	30.0000	13.0000	4.5000	8.0000
JSN3L12	M24X2	24.0000	36.0000	14.0000	5.5000	9.0000
JSN3L13	M30X2	30.0000	46.0000	18.0000	7.0000	11.0000
JSN3L14	M36X3	36.0000	55.0000	21.0000	7.00000	14.0000

HEX SLOTTED AND CASTLE NUTS

HEX CASTLE NUTS, CLASS 4, HIGH TYPE



Generic Part Name: JCN4H

Notes:

1. Corresponds to standard JIS B 1170.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

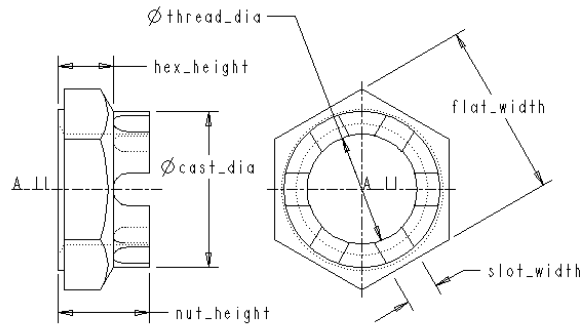
Name	NOMINAL _DIA_THR _PITCH	thread_ dia	flat_width	nut_ height	slot_ width	cast_dia	hex_ height
JCN4H01	M12X1.75	12.000	19.000	15.000	3.5000	17.000	10.0000
JCN4H02	M16X2	16.000	24.000	19.000	4.5000	22.000	13.0000
JCN4H03	M20X2.5	20.000	30.000	22.000	4.5000	28.000	16.0000
JCN4H04	M24X3	24.000	36.000	27.000	5.5000	34.000	19.0000
JCN4H05	M30X3.5	30.000	46.000	33.000	7.0000	42.000	24.0000
JCN4H06	M36X4	36.000	55.000	38.000	7.0000	50.000	29.0000
JCN4H07	M42X4.5	42.000	65.000	46.000	9.0000	58.000	34.0000
JCN4H08	M48X5	48.000	75.000	50.000	9.0000	65.000	38.0000
JCN4H09	M56X5.5	56.000	85.000	57.000	9.0000	75.000	45.0000
JCN4H10	M64X6	64.000	95.000	66.000	11.0000	85.000	51.0000
JCN4H11	M72X6	72.000	105.000	73.000	11.0000	95.000	58.0000
JCN4H12	M80X6	80.000	115.000	79.000	11.0000	105.000	64.0000
JCN4H13	M90X6	90.000	130.000	92.000	14.0000	120.000	72.0000
JCN4H14	M100X6	100.000	145.000	100.000	14.0000	135.000	80.0000
JCN4H15	M12X1.25	12.000	19.000	15.000	3.5000	17.000	10.0000
JCN4H16	M16X1.5	16.000	24.000	19.000	4.5000	22.000	13.0000

HEX SLOTTED AND CASTLE NUTS

Name	NOMINAL _DIA_THR _PITCH	thread_ dia	flat_width	nut_ height	slot_ width	cast_dia	hex_ height
JCN4H17	M20X1.5	20.000	30.000	22.000	4.5000	28.000	16.0000
JCN4H18	M24X2	24.000	36.000	27.000	5.5000	34.000	19.0000
JCN4H19	M30X2	30.000	46.000	33.000	7.0000	42.000	24.0000
JCN4H20	M36X3	36.000	55.000	38.000	7.0000	50.000	29.0000

HEX SLOTTED AND CASTLE NUTS

HEX CASTLE NUTS, CLASS 4, LOW TYPE



Generic Part Name: JCN4L

Notes:

1. Corresponds to standard JIS B 1170.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

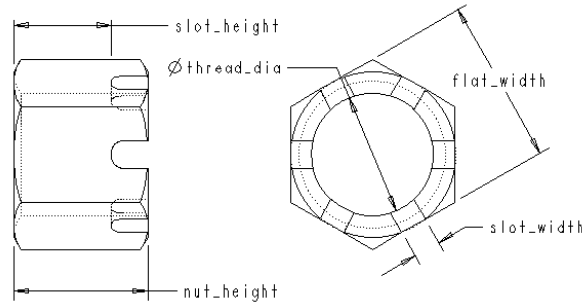
Name	NOMINAL _DIA_THR _PITCH	thread_ dia	flat_ width	nut_ height	slot_ width	cast_ dia	hex_ height
JCN4L01	M12X1.75	12.000	19.000	10.0000	3.5000	17.000	6.0000
JCN4L02	M16X2	16.000	24.000	13.0000	4.5000	22.000	8.0000
JCN4L03	M20X2.5	20.000	30.000	13.0000	4.5000	28.000	8.0000
JCN4L04	M24X3	24.000	36.000	14.0000	5.5000	34.000	9.0000
JCN4L05	M30X3.5	30.000	46.000	18.0000	7.0000	42.000	11.0000
JCN4L06	M36X4	36.000	55.000	21.0000	7.0000	50.000	14.0000
JCN4L07	M42X4.5	42.000	65.000	25.0000	9.0000	58.000	16.0000
JCN4L08	M48X5	48.000	75.000	29.0000	9.0000	65.000	20.0000
JCN4L09	M56X5.5	56.000	85.000	34.0000	9.0000	75.000	23.0000
JCN4L10	M64X6	64.000	95.000	38.0000	11.0000	85.000	27.0000
JCN4L11	M72X6	72.000	105.000	42.0000	11.0000	95.000	32.0000
JCN4L12	M80X6	80.000	115.000	48.0000	11.0000	105.000	34.0000
JCN4L13	M90X6	90.000	130.000	54.0000	14.0000	120.000	38.0000
JCN4L14	M100X6	100.000	145.000	60.0000	14.0000	135.000	44.0000
JCN4L15	M12X1.25	12.000	19.000	10.0000	3.5000	17.000	6.0000
JCN4L16	M16X1.5	16.000	24.000	13.0000	4.5000	22.000	8.0000

HEX SLOTTED AND CASTLE NUTS

Name	NOMINAL _DIA_THR _PITCH	thread_ dia	flat_width	nut_ height	slot_ width	cast_dia	hex_ height
JCN4L17	M20X1.5	20.000	30.000	13.0000	4.5000	28.000	8.0000
JCN4L18	M24X2	24.000	36.000	14.0000	5.5000	34.000	9.0000
JCN4L19	M30X2	30.000	46.000	18.0000	7.0000	42.000	11.0000
JCN4L20	M36X3	36.000	55.000	21.0000	7.0000	50.000	14.0000

HEX SLOTTED AND CASTLE NUTS

SMALL HEX SLOTTED NUTS, CLASS 1, HIGH TYPE



Generic Part Name: JSS1H

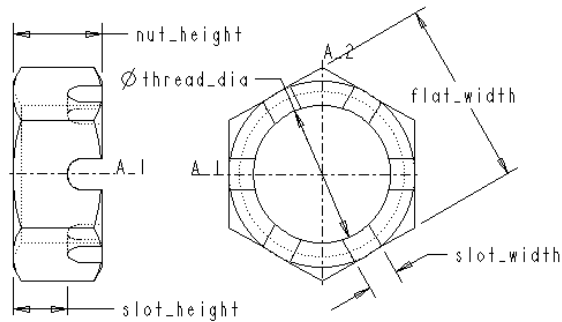
Notes:

1. Corresponds to standard JIS B 1170.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL _DIA_THR _PITCH	thread_dia	flat_width	nut_height	slot_width	slot_height
JSS1H01	M8X1.25	8.0000	12.0000	9.5000	2.5000	6.5000
JSS1H02	M10X1.5	10.0000	14.0000	12.0000	2.8000	8.0000
JSS1H03	M12X1.75	12.0000	17.0000	15.0000	3.5000	10.0000
JSS1H04	M16X2	16.0000	22.0000	19.0000	4.5000	13.0000
JSS1H05	M20X2.5	20.0000	27.0000	22.0000	4.5000	16.0000
JSS1H06	M24X3	24.0000	32.0000	27.0000	5.5000	19.0000
JSS1H07	M8X1	8.0000	12.0000	9.5000	2.5000	6.5000
JSS1H08	M10X1.25	10.0000	14.0000	12.0000	2.8000	8.0000
JSS1H09	M12X1.25	12.0000	17.0000	15.0000	3.5000	10.0000
JSS1H10	M16X1.5	16.0000	22.0000	19.0000	4.5000	13.0000
JSS1H11	M20X1.5	20.0000	27.0000	22.0000	4.5000	16.0000
JSS1H12	M24X2	24.0000	32.0000	27.0000	5.5000	19.0000

HEX SLOTTED AND CASTLE NUTS

SMALL HEX SLOTTED NUTS, CLASS 1, LOW TYPE



Generic Part Name: JSS1L

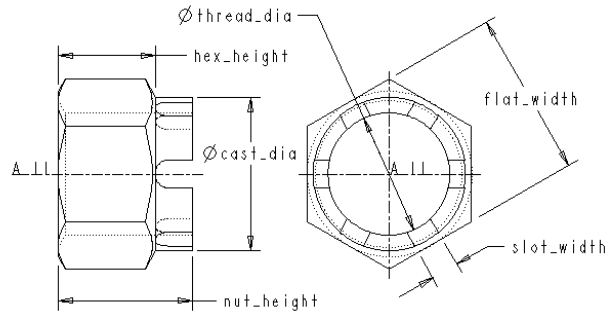
Notes:

1. Corresponds to standard JIS B 1170.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL _DIA_THR _PITCH	thread dia	flat_width	nut_ height	slot_width	slot_ height
JSS1L01	M8X1.25	8.0000	12.0000	8.0000	2.5000	4.5000
JSS1L02	M10X1.5	10.0000	14.0000	8.0000	2.8000	4.5000
JSS1L03	M12X1.75	12.0000	17.0000	10.0000	3.5000	6.0000
JSS1L04	M16X2	16.0000	22.0000	13.0000	4.5000	8.0000
JSS1L05	M20X2.5	20.0000	27.0000	13.0000	4.5000	8.0000
JSS1L06	M24X3	24.0000	32.0000	14.0000	5.5000	9.0000
JSS1L07	M8X1	8.0000	12.0000	8.0000	2.5000	4.5000
JSS1L08	M10X1.25	10.0000	14.0000	8.0000	2.8000	4.5000
JSS1L09	M12X1.25	12.0000	17.0000	10.0000	3.5000	6.0000
JSS1L10	M16X1.5	16.0000	22.0000	13.0000	4.5000	8.0000
JSS1L11	M20X1.5	20.0000	27.0000	13.0000	4.5000	8.0000
JSS1L12	M24X2	24.0000	32.0000	14.0000	5.5000	9.0000

HEX SLOTTED AND CASTLE NUTS

SMALL HEX CASTLE NUTS, CLASS 2, HIGH TYPE



Generic Part Name: JCS2H

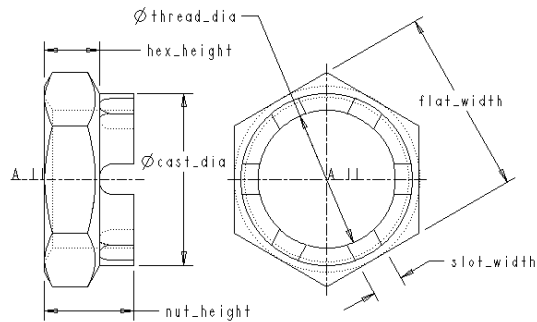
Notes:

1. Corresponds to standard JIS B 1170.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL _DIA_THR _PITCH	thread_ dia	flat_width	nut_ height	slot_ width	cast_dia	hex_ height
JCS2H01	M12X1.75	12.0000	17.0000	15.0000	3.5000	16.0000	10.0000
JCS2H02	M16X2	16.0000	22.0000	19.0000	4.5000	19.0000	13.0000
JCS2H03	M20X2.5	20.0000	27.0000	22.0000	4.5000	25.0000	16.0000
JCS2H04	M24X3	24.0000	32.0000	27.0000	5.5000	30.0000	19.0000
JCS2H05	M12X1.25	12.0000	17.0000	15.0000	3.5000	16.0000	10.0000
JCS2H06	M16X1.5	16.0000	22.0000	19.0000	4.5000	19.0000	13.0000
JCS2H07	M20X1.5	20.0000	27.0000	22.0000	4.5000	25.0000	16.0000
JCS2H08	M24X2	24.0000	32.0000	27.0000	5.50000	30.0000	19.0000

HEX SLOTTED AND CASTLE NUTS

SMALL HEX CASTLE NUTS, CLASS 2, LOW TYPE



Generic Part Name: JCS2L

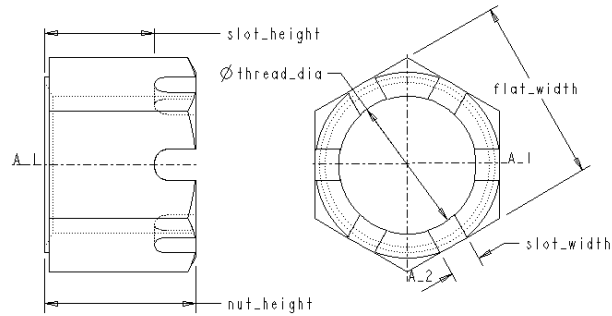
Notes:

1. Corresponds to standard JIS B 1170.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL _DIA_THR _PITCH	thread_ dia	flat_width	nut_ height	slot_ width	cast_dia	hex_ height
JCS2L01	M16X2	16.0000	22.0000	13.0000	4.50000	19.0000	8.0000
JCS2L02	M20X2.5	20.0000	27.0000	13.0000	4.50000	25.0000	8.00000
JCS2L03	M24X3	24.0000	32.0000	14.0000	5.50000	30.0000	9.0000
JCS2L04	M16X1.5	16.0000	22.0000	13.0000	4.50000	19.0000	8.0000
JCS2L05	M20X1.5	20.0000	27.0000	13.0000	4.50000	25.0000	8.0000
JCS2L06	M24X2	24.0000	32.0000	14.0000	5.50000	30.0000	9.0000

HEX SLOTTED AND CASTLE NUTS

SMALL HEX SLOTTED NUTS, CLASS 3, HIGH TYPE



Generic Part Name: JSS3H

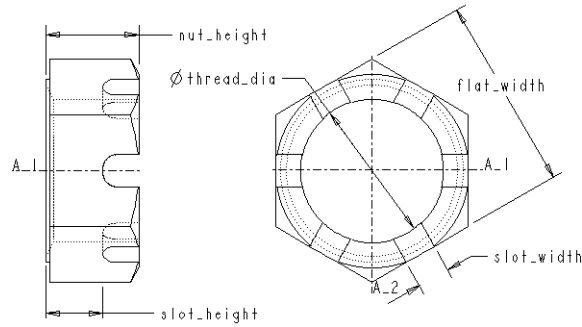
Notes:

1. Corresponds to standard JIS B 1170.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL_ DIA_THR_ PITCH	thread_ dia	flat_width	nut_ height	slot_width	slot_ height
JSS3H01	M8X1.25	8.0000	12.0000	9.5000	2.5000	6.5000
JSS3H02	M10X1.5	10.0000	14.0000	12.0000	2.8000	8.0000
JSS3H03	M12X1.75	12.0000	17.0000	15.0000	3.5000	10.0000
JSS3H04	M16X2	16.0000	22.0000	19.0000	4.5000	13.0000
JSS3H05	M20X2.5	20.0000	27.0000	22.0000	4.5000	16.0000
JSS3H06	M24X3	24.0000	32.0000	27.0000	5.5000	19.0000
JSS3H07	M8X1	8.0000	12.0000	9.5000	2.5000	6.5000
JSS3H08	M10X1.25	10.0000	14.0000	12.0000	2.8000	8.0000
JSS3H09	M12X1.25	12.0000	17.0000	15.0000	3.5000	10.0000
JSS3H10	M16X1.5	16.0000	22.0000	19.0000	4.5000	13.0000
JSS3H11	M20X1.5	20.0000	27.0000	22.0000	4.5000	16.0000
JSS3H12	M24X2	24.0000	32.0000	27.0000	5.5000	19.0000

HEX SLOTTED AND CASTLE NUTS

SMALL HEX SLOTTED NUTS, CLASS 3, LOW TYPE



Generic Part Name: JSS3L

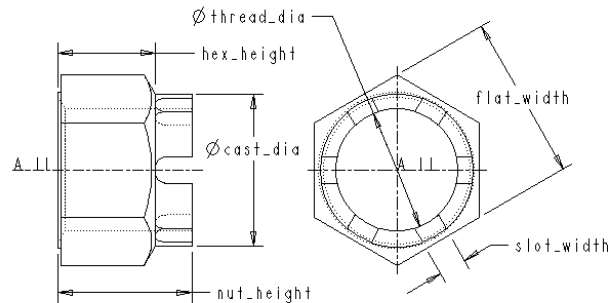
Notes:

1. Corresponds to standard JIS B 1170.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL _DIA_THR _PITCH	thread_ dia	flat_width	nut_ height	slot_ width	slot_ height
JSS3L01	M8X1.25	8.0000	12.0000	8.0000	2.5000	4.5000
JSS3L02	M10X1.5	10.0000	14.0000	8.0000	2.8000	4.5000
JSS3L03	M12X1.75	12.0000	17.0000	10.0000	3.5000	6.0000
JSS3L04	M16X2	16.0000	22.0000	13.0000	4.5000	8.0000
JSS3L05	M20X2.5	20.0000	27.0000	13.0000	4.5000	8.0000
JSS3L06	M24X3	24.0000	32.0000	14.0000	5.5000	9.0000
JSS3L07	M8X1	8.0000	12.0000	8.0000	2.5000	4.5000
JSS3L08	M10X1.25	10.0000	14.0000	8.0000	2.8000	4.5000
JSS3L09	M12X1.25	12.0000	17.0000	10.0000	3.5000	6.00000
JSS3L10	M16X1.5	16.0000	22.0000	13.0000	4.5000	8.0000
JSS3L11	M20X1.5	20.0000	27.0000	13.0000	4.5000	8.0000
JSS3L12	M24X2	24.0000	32.0000	14.0000	5.5000	9.0000

HEX SLOTTED AND CASTLE NUTS

SMALL HEX CASTLE NUTS, CLASS 4, HIGH TYPE



Generic Part Name: JCS4H

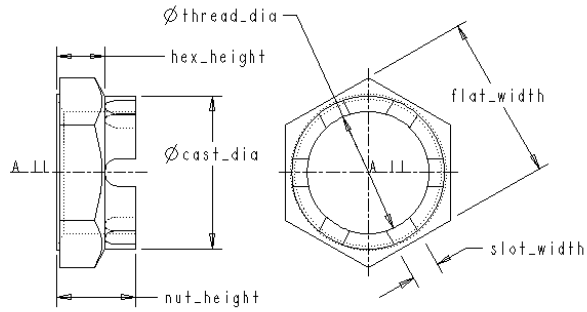
Notes:

1. Corresponds to standard JIS B 1170.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL _DIA_THR _PITCH	thread_ dia	flat_width	nut_ height	slot_ width	cast_dia	hex_ height
JCS4H01	M12X1.75	12.0000	17.0000	15.0000	3.5000	16.0000	10.0000
JCS4H02	M16X2	16.0000	22.0000	19.0000	4.5000	19.0000	13.0000
JCS4H03	M20X2.5	20.0000	27.0000	22.0000	4.5000	25.0000	16.0000
JCS4H04	M24X3	24.0000	32.0000	27.0000	5.5000	30.0000	19.0000
JCS4H05	M12X1.25	12.0000	17.0000	15.0000	3.5000	16.0000	10.0000
JCS4H06	M16X1.5	16.0000	22.0000	19.0000	4.5000	19.0000	13.0000
JCS4H07	M20X1.5	20.0000	27.0000	22.0000	4.5000	25.0000	16.0000
JCS4H08	M24X2	24.0000	32.0000	27.0000	5.5000	30.0000	19.0000

HEX SLOTTED AND CASTLE NUTS

SMALL HEX CASTLE NUTS, CLASS 4, LOW TYPE



Generic Part Name: JCS4L

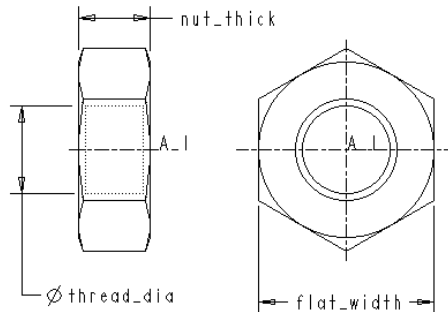
Notes:

1. Corresponds to standard JIS B 1170.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL _DIA_THR _PITCH	thread_ dia	flat_width	nut_ height	slot_ width	cast_dia	hex_ height
JCS4L01	M16X2	16.0000	22.0000	13.0000	4.50000	19.0000	8.0000
JCS4L02	M20X2.5	20.0000	27.0000	13.0000	4.5000	25.0000	8.0000
JCS4L03	M24X3	24.0000	32.0000	14.0000	5.5000	30.0000	9.0000
JCS4L04	M16X1.5	16.0000	22.0000	13.0000	4.5000	19.0000	8.0000
JCS4L05	M20X1.5	20.0000	27.0000	13.0000	4.5000	25.0000	8.0000
JCS4L06	M24X2	24.0000	32.0000	14.0000	5.5000	30.0000	9.0000

HEX NUTS AND HEX THIN NUTS

HEX NUTS, STYLE 1, GRADE A & B



Generic Part Name: JNHS1

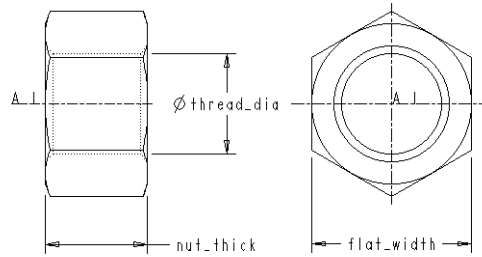
Notes:

1. Corresponds to standards ISO 4032 - 1986 and JIS B 1181.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL_DIA _THR_PITCH	thread_dia	flat_width	nut_thick
JNHS101	M1.6X0.35	1.6000	3.2000	1.3000
JNHS102	M2X0.4	2.0000	4.0000	1.6000
JNHS103	M2.5X0.45	2.5000	5.0000	2.0000
JNHS104	M3X0.5	3.0000	5.5000	2.4000
JNHS105	M4X0.7	4.0000	7.0000	3.2000
JNHS106	M5X0.8	5.0000	8.0000	4.7000
JNHS107	M6X1	6.0000	10.0000	5.2000
JNHS108	M8X1.25	8.0000	13.0000	6.8000
JNHS109	M10X1.5	10.0000	16.0000	8.4000
JNHS110	M12X1.75	12.0000	18.0000	10.8000
JNHS111	M16X2	16.0000	24.0000	14.8000
JNHS112	M20X2.5	20.0000	30.0000	18.0000
JNHS113	M24X3	24.0000	36.0000	21.5000
JNHS114	M30X3.5	30.0000	46.0000	25.6000
JNHS115	M36X4	36.0000	55.0000	31.0000

ISO HEX NUTS AND HEX THIN NUTS

HEX NUTS, STYLE 2, GRADE A & B



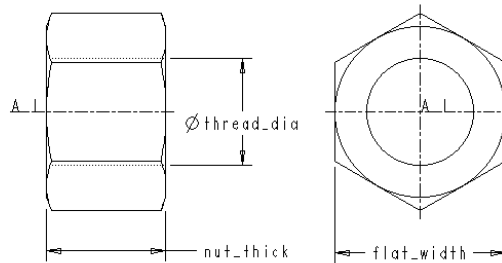
Generic Part Name: JNHS2

Notes:

1. Corresponds to standards ISO 4033 - 1979 and JIS B 1181.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL DIA _THR_PITCH	thread_dia	flat_width	nut_thick
JNHS201	M5X0.8	5.0000	8.0000	5.1000
JNHS202	M6X1	6.0000	10.0000	5.7000
JNHS203	M8X1.25	8.0000	13.0000	7.5000
JNHS204	M10X1.5	10.0000	16.0000	9.3000
JNHS205	M12X1.75	12.0000	18.0000	12.0000
JNHS206	M16X2	16.0000	24.0000	16.4000
JNHS207	M20X2.5	20.0000	30.0000	20.3000
JNHS208	M24X3	24.0000	36.0000	23.9000
JNHS209	M30X3.5	30.0000	46.0000	28.6000
JNHS210	M36X4	36.0000	55.0000	34.7000

HEX NUTS, GRADE C



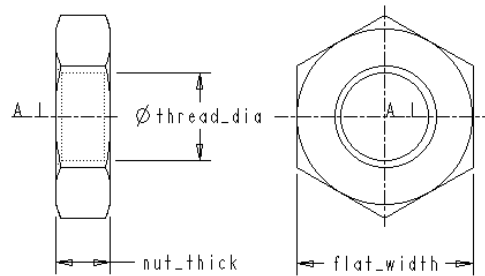
Generic Part Name: JNHGC

Notes:

1. Corresponds to standards ISO 4034 - 1986 and JIS B 1181.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL_DIA _THR_PITCH	thread_dia	flat_width	nut_thick
JNHGC01	M5X0.8	5.0000	8.0000	5.6000
JNHGC02	M6X1	6.0000	10.0000	6.1000
JNHGC03	M8X1.25	8.0000	13.0000	7.9000
JNHGC04	M10X1.5	10.0000	16.0000	9.5000
JNHGC05	M12X1.75	12.0000	18.0000	12.2000
JNHGC06	M16X2	16.0000	24.0000	15.9000
JNHGC07	M20X2.5	20.0000	30.0000	19.0000
JNHGC08	M24X3	24.0000	36.0000	22.3000
JNHGC09	M30X3.5	30.0000	46.0000	26.4000
JNHGC10	M36X4	36.0000	55.0000	31.5000

HEX THIN NUTS (CHAMFERED), GRADE A & B



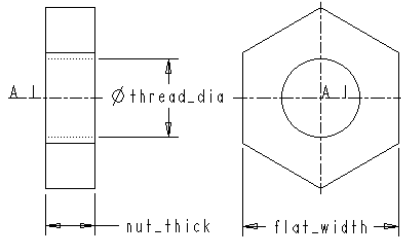
Generic Part Name: JNHTC

Notes:

1. Corresponds to standards ISO 4035 - 1986 and JIS B 1181.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL_DIA _THR_PITCH	thread_dia	flat_width	nut_thick
JNHTC01	M1.6X0.35	1.6000	3.2000	1.0000
JNHTC02	M2X0.4	2.0000	4.0000	1.2000
JNHTC03	M2.5X0.45	2.5000	5.0000	1.6000
JNHTC04	M3X0.5	3.0000	5.5000	1.8000
JNHTC05	M4X0.7	4.0000	7.0000	2.2000
JNHTC06	M5X0.8	5.0000	8.0000	2.7000
JNHTC07	M6X1	6.0000	10.0000	3.2000
JNHTC08	M8X1.25	8.0000	13.0000	4.0000
JNHTC09	M10X1.5	10.0000	16.0000	5.0000
JNHTC10	M12X1.75	12.0000	18.0000	6.0000
JNHTC11	M16X2	16.0000	24.0000	8.0000
JNHTC12	M20X2.5	20.0000	30.0000	10.0000
JNHTC13	M24X3	24.0000	36.0000	12.0000
JNHTC14	M30X3.5	30.0000	46.0000	15.0000
JNHTC15	M36X4	36.0000	55.0000	18.0000

HEX THIN NUTS (UNCHAMFERED), GRADE B



Generic Part Name: JNHTU

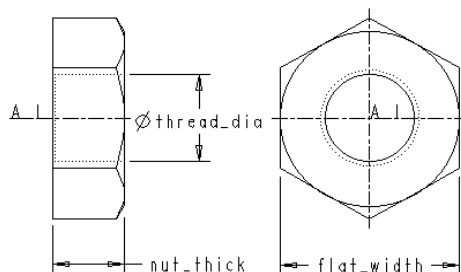
Notes:

1. Corresponds to standards ISO 4036 - 1979 and JIS B 1181.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL_DIA _THR_PITCH	thread_dia	flat_width	nut_thick
JNHTU01	M1.6X0.35	1.6000	3.2000	1.00000
JNHTU02	M2X0.4	2.0000	4.0000	1.20000
JNHTU03	M2.5X0.45	2.5000	5.0000	1.60000
JNHTU04	M3X0.5	3.0000	5.5000	1.80000
JNHTU05	M4X0.7	4.0000	7.0000	2.20000
JNHTU06	M5X0.8	5.0000	8.0000	2.70000
JNHTU07	M6X1	6.0000	10.0000	3.20000
JNHTU08	M8X1.25	8.0000	13.0000	4.00000
JNHTU09	M10X1.5	10.0000	16.0000	5.00000

NON-ISO HEX NUTS AND HEX THIN NUTS

HEX NUTS, FINISHED, CLASS 1



Generic Part Name: JNNF1

Notes:

1. Corresponds to standard JIS B 1181.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

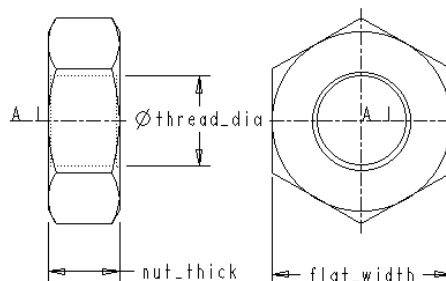
Name	NOMINAL_DIA _THR_PITCH	thread_dia	flat_width	nut_thick
JNNF101	M2X0.4	2.000	4.000	1.600
JNNF102	M2.5X0.45	2.500	5.000	2.000
JNNF103	M3X0.5	3.000	5.500	2.400
JNNF104	M4X0.7	4.000	7.000	3.200
JNNF105	M5X0.8	5.000	8.000	4.000
JNNF106	M6X1	6.000	10.000	5.000
JNNF107	M8X1.25	8.000	13.000	6.500
JNNF108	M10X1.5	10.000	17.000	8.000
JNNF109	M12X1.75	12.000	19.000	10.000
JNNF110	M16X2	16.000	24.000	13.000
JNNF111	M20X2.5	20.000	30.000	16.000
JNNF112	M24X3	24.000	36.000	19.000
JNNF113	M30X3.5	30.000	46.000	24.000
JNNF114	M36X4	36.000	55.000	29.000
JNNF115	M42X4.5	42.000	65.000	34.000
JNNF116	M48X5	48.000	75.000	38.000
JNNF117	M56X5.5	56.000	85.000	45.000

NON-ISO HEX NUTS AND HEX THIN NUTS

Name	NOMINAL_DIA _THR_PITCH	thread_dia	flat_width	nut_thick
JNNF118	M64X6	64.000	95.000	51.000
JNNF119	M72X6	72.000	105.000	58.000
JNNF120	M80X6	80.000	115.000	64.000
JNNF121	M90X6	90.000	130.000	72.000
JNNF122	M100X6	100.000	145.000	80.000
JNNF123	M110X6	110.000	155.000	88.000
JNNF124	M125X6	125.000	180.000	100.000
JNNF125	M8X1	8.000	13.000	6.500
JNNF126	M10X1.25	10.000	17.000	8.000
JNNF127	M12X1.25	12.000	19.000	10.000
JNNF128	M16X1.5	16.000	24.000	13.000
JNNF129	M20X1.5	20.000	30.000	16.000
JNNF130	M24X2	24.000	36.000	19.000
JNNF131	M30X2	30.000	46.000	24.000
JNNF132	M36X3	36.000	55.000	29.000

NON-ISO HEX NUTS AND HEX THIN NUTS

HEX NUTS, FINISHED, CLASS 2



Generic Part Name: JNNF2

Notes:

1. Corresponds to standard JIS B 1181.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

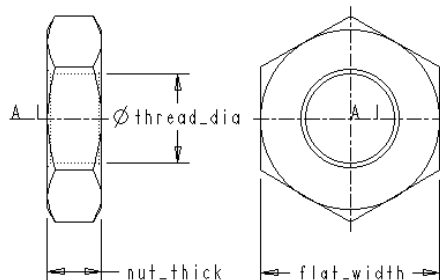
Name	NOMINAL_DIA _THR_PITCH	thread_dia	flat_width	nut_thick
JNNF201	M2X0.4	2.000	4.000	1.600
JNNF202	M2.5X0.45	2.500	5.000	2.000
JNNF203	M3X0.5	3.000	5.500	2.400
JNNF204	M4X0.7	4.000	7.000	3.200
JNNF205	M5X0.8	5.000	8.000	4.000
JNNF206	M6X1	6.000	10.000	5.000
JNNF207	M8X1.25	8.000	13.000	6.500
JNNF208	M10X1.5	10.000	17.000	8.000
JNNF209	M12X1.75	12.000	19.000	10.000
JNNF210	M16X2	16.000	24.000	13.000
JNNF211	M20X2.5	20.000	30.000	16.000
JNNF212	M24X3	24.000	36.000	19.000
JNNF213	M30X3.5	30.000	46.000	24.000
JNNF214	M36X4	36.000	55.000	29.000
JNNF215	M42X4.5	42.000	65.000	34.000
JNNF216	M48X5	48.000	75.000	38.000
JNNF217	M56X5.5	56.000	85.000	45.000

NON-ISO HEX NUTS AND HEX THIN NUTS

Name	NOMINAL_DIA _THR_PITCH	thread_dia	flat_width	nut_thick
JNNF218	M64X6	64.000	95.000	51.000
JNNF219	M72X6	72.000	105.000	58.000
JNNF220	M80X6	80.000	115.000	64.000
JNNF221	M90X6	90.000	130.000	72.000
JNNF222	M100X6	100.000	145.000	80.000
JNNF223	M110X6	110.000	155.000	88.000
JNNF224	M125X6	125.000	180.000	100.000
JNNF225	M8X1	8.000	13.000	6.500
JNNF226	M10X1.25	10.000	17.000	8.000
JNNF227	M12X1.25	12.000	19.000	10.000
JNNF228	M16X1.5	16.000	24.000	13.000
JNNF229	M20X1.5	20.000	30.000	16.000
JNNF230	M24X2	24.000	36.000	19.000
JNNF231	M30X2	30.000	46.000	24.000
JNNF232	M36X3	36.000	55.000	29.000

NON-ISO HEX NUTS AND HEX THIN NUTS

HEX NUTS, FINISHED, CLASS 3



Generic Part Name: JNNF3

Notes:

1. Corresponds to standard JIS B 1181.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

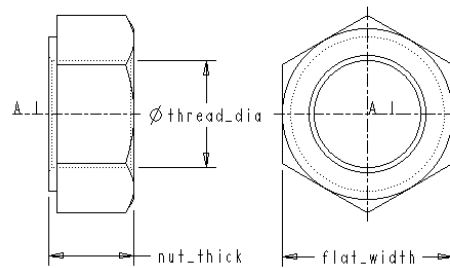
Name	NOMINAL_DIA _THR_PITCH	thread_dia	flat_width	nut_thick
JNNF301	M2X0.4	2.000	4.000	1.2000
JNNF302	M2.5X0.45	2.500	5.000	1.6000
JNNF303	M3X0.5	3.000	5.500	1.8000
JNNF304	M4X0.7	4.000	7.000	2.4000
JNNF305	M5X0.8	5.000	8.000	3.2000
JNNF306	M6X1	6.000	10.000	3.6000
JNNF307	M8X1.25	8.000	13.000	5.0000
JNNF308	M10X1.5	10.000	17.000	6.0000
JNNF309	M12X1.75	12.000	19.000	7.0000
JNNF310	M16X2	16.000	24.000	10.0000
JNNF311	M20X2.5	20.000	30.000	12.0000
JNNF312	M24X3	24.000	36.000	14.0000
JNNF313	M30X3.5	30.000	46.000	18.0000
JNNF314	M36X4	36.000	55.000	21.0000
JNNF315	M42X4.5	42.000	65.000	25.0000
JNNF316	M48X5	48.000	75.000	29.0000
JNNF317	M56X5.5	56.000	85.000	34.0000

NON-ISO HEX NUTS AND HEX THIN NUTS

Name	NOMINAL_DIA _THR_PITCH	thread_dia	flat_width	nut_thick
JNNF318	M64X6	64.000	95.000	38.0000
JNNF319	M72X6	72.000	105.000	42.0000
JNNF320	M80X6	80.000	115.000	48.0000
JNNF321	M90X6	90.000	130.000	54.0000
JNNF322	M100X6	100.000	145.000	60.0000
JNNF323	M110X6	110.000	155.000	65.0000
JNNF324	M125X6	125.000	180.000	76.0000
JNNF325	M8X1	8.000	13.000	5.0000
JNNF326	M10X1.25	10.000	17.000	6.0000
JNNF327	M12X1.25	12.000	19.000	7.0000
JNNF328	M16X1.5	16.000	24.000	10.0000
JNNF329	M20X1.5	20.000	30.000	12.0000
JNNF330	M24X2	24.000	36.000	14.0000
JNNF331	M30X2	30.000	46.000	18.0000
JNNF332	M36X3	36.000	55.000	21.0000

NON-ISO HEX NUTS AND HEX THIN NUTS

HEX NUTS, FINISHED, CLASS 4



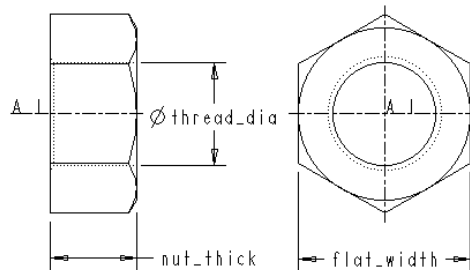
Generic Part Name: JNNF4

Notes:

1. Corresponds to standard JIS B 1181.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL_DIA _THR_PITCH	thread_dia	flat_width	nut_thick
JNNF401	M5X0.8	5.0000	8.0000	4.0000
JNNF402	M6X1	6.0000	10.0000	5.0000
JNNF403	M8X1.25	8.0000	13.0000	6.5000
JNNF404	M10X1.5	10.0000	17.0000	8.0000
JNNF405	M12X1.75	12.0000	19.0000	10.0000
JNNF406	M16X2	16.0000	24.0000	13.0000
JNNF407	M20X2.5	20.0000	30.0000	16.0000
JNNF408	M24X3	24.0000	36.0000	19.0000
JNNF409	M8X1	8.0000	13.0000	6.5000
JNNF410	M10X1.25”	10.0000	17.0000	8.0000
JNNF411	M12X1.25	12.0000	19.0000	10.0000
JNNF412	M16X1.5	16.0000	24.0000	13.0000
JNNF413	M20X1.5	20.0000	30.0000	16.0000
JNNF414	M24X2	24.0000	36.0000	19.0000

HEX NUTS, SEMI-FINISHED, CLASS 1



Generic Part Name: JNSF1

Notes:

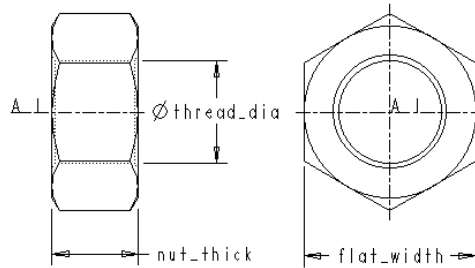
1. Corresponds to standard JIS B 1181.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL_DIA _THR_PITCH	thread_dia	flat_width	nut_thick
JNSF101	M6X1	6.000	10.000	5.000
JNSF102	M8X1.25	8.000	13.000	6.500
JNSF103	M10X1.5	10.000	17.000	8.000
JNSF104	M12X1.75	12.000	19.000	10.000
JNSF105	M16X2	16.000	24.000	13.000
JNSF106	M20X2.5	20.000	30.000	16.000
JNSF107	M24X3	24.000	36.000	19.000
JNSF108	M30X3.5	30.000	46.000	24.000
JNSF109	M36X4	36.000	55.000	29.000
JNSF110	M42X4.5	42.000	65.000	34.000
JNSF111	M48X5	48.000	75.000	38.000
JNSF112	M56X5.5	56.000	85.000	45.000
JNSF113	M64X6	64.000	95.000	51.000
JNSF114	M72X6	72.000	105.000	58.000
JNSF115	M80X6	80.000	115.000	64.000
JNSF116	M90X6	90.000	130.000	72.000
JNSF117	M100X6	100.000	145.000	80.000

NON-ISO HEX NUTS AND HEX THIN NUTS

Name	NOMINAL_DIA _THR_PITCH	thread_dia	flat_width	nut_thick
JNSF118	M110X6	110.000	155.000	88.000
JNSF119	M125X6	125.000	180.000	100.000
JNSF120	M8X1	8.000	13.000	6.500
JNSF121	M10X1.25	10.000	17.000	8.000
JNSF122	M12X1.25	12.000	19.000	10.000
JNSF123	M16X1.5	16.000	24.000	13.000
JNSF124	M20X1.5	20.000	30.000	16.000
JNSF125	M24X2	24.000	36.000	19.000
JNSF126	M30X2	30.000	46.000	24.000
JNSF127	M36X3	36.000	55.000	29.000

HEX NUTS, SEMI-FINISHED, CLASS 2



Generic Part Name: JNSF2

Notes:

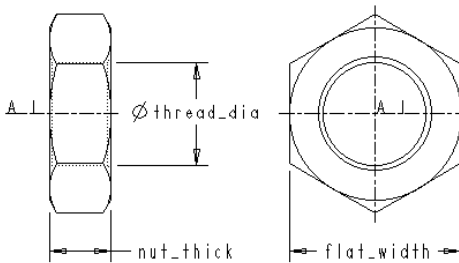
1. Corresponds to standard JIS B 1181.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL_DIA _THR_PITCH	thread_dia	flat_width	nut_thick
JNSF201	M6X1	6.000	10.000	5.000
JNSF202	M8X1.25	8.000	13.000	6.500
JNSF203	M10X1.5	10.000	17.000	8.000
JNSF204	M12X1.75	12.000	19.000	10.000
JNSF205	M16X2	16.000	24.000	13.000
JNSF206	M20X2.5	20.000	30.000	16.000
JNSF207	M24X3	24.000	36.000	19.000
JNSF208	M30X3.5	30.000	46.000	24.000
JNSF209	M36X4	36.000	55.000	29.000
JNSF210	M42X4.5	42.000	65.000	34.000
JNSF211	M48X5	48.000	75.000	38.000
JNSF212	M56X5.5	56.000	85.000	45.000
JNSF213	M64X6	64.000	95.000	51.000
JNSF214	M72X6	72.000	105.000	58.000
JNSF215	M80X6	80.000	115.000	64.000
JNSF216	M90X6	90.000	130.000	72.000
JNSF217	M100X6	100.000	145.000	80.000

NON-ISO HEX NUTS AND HEX THIN NUTS

Name	NOMINAL_DIA _THR_PITCH	thread_dia	flat_width	nut_thick
JNSF218	M110X6	110.000	155.000	88.000
JNSF219	M125X6	125.000	180.000	100.000
JNSF220	M8X1	8.000	13.000	6.500
JNSF221	M10X1.25	10.000	17.000	8.000
JNSF222	M12X1.25	12.000	19.000	10.000
JNSF223	M16X.5"	16.000	24.000	13.000
JNSF224	M20X1.5	20.000	30.000	16.000
JNSF225	M24X2	24.000	36.000	19.000
JNSF226	M30X2	30.000	46.000	24.000
JNSF227	M36X3	36.000	55.000	29.000

HEX NUTS, SEMI-FINISHED, CLASS 3



Generic Part Name: JNSF3

Notes:

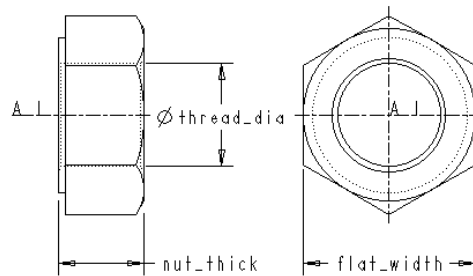
1. Corresponds to standard JIS B 1181.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL _DIA_THR _PITCH	thread_dia	flat_width	nut_thick
JNSF301	M6X1	6.000	10.000	3.6000
JNSF302	M8X1.25	8.000	13.000	5.0000
JNSF303	M10X1.5	10.000	17.000	6.0000
JNSF304	M12X1.75	12.000	19.000	7.0000
JNSF305	M16X2	16.000	24.000	10.0000
JNSF306	M20X2.5	20.000	30.000	12.0000
JNSF307	M24X3	24.000	36.000	14.0000
JNSF308	M30X3.5	30.000	46.000	18.0000
JNSF309	M36X4	36.000	55.000	21.0000
JNSF310	M42X4.5	42.000	65.000	25.0000
JNSF311	M48X5	48.000	75.000	29.0000
JNSF312	M56X5.5	56.000	85.000	34.0000
JNSF313	M64X6	64.000	95.000	38.0000
JNSF314	M72X6	72.000	105.000	42.0000
JNSF315	M80X6	80.000	115.000	48.0000
JNSF316	M90X6	90.000	130.000	54.0000
JNSF317	M100X6	100.000	145.000	60.0000

NON-ISO HEX NUTS AND HEX THIN NUTS

Name	NOMINAL _DIA_THR _PITCH	thread_dia	flat_width	nut_thick
JNSF318	M110X6	110.000	155.000	65.0000
JNSF319	M125X6	125.000	180.000	76.0000
JNSF320	M8X1	8.000	13.000	5.0000
JNSF321	M10X1.25	10.000	17.000	6.0000
JNSF322	M12X1.25	12.000	19.000	7.0000
JNSF323	M16X1.5	16.000	24.000	10.0000
JNSF324	M20X1.5	20.000	30.000	12.0000
JNSF325	M24X2	24.000	36.000	14.0000
JNSF326	M30X2	30.000	46.000	18.0000
JNSF327	M36X3	36.000	55.000	21.0000

HEX NUTS, SEMI-FINISHED, CLASS 4



Generic Part Name: JNSF4

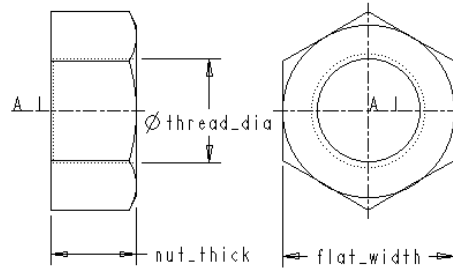
Notes:

1. Corresponds to standard JIS B 1181.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL_DIA _THR_PITCH	thread_dia	flat_width	nut_thick
JNSF401	M6X1	6.0000	10.0000	5.0000
JNSF402	M8X1.25	8.0000	13.0000	6.5000
JNSF403	M10X1.5	10.0000	17.0000	8.0000
JNSF404	M12X1.75	12.0000	19.0000	10.0000
JNSF405	M16X2	16.0000	24.0000	13.0000
JNSF406	M20X2.5	20.0000	30.0000	16.0000
JNSF407	M24X3	24.0000	36.0000	19.0000
JNSF408	M8X1	8.0000	13.0000	6.5000
JNSF409	M10X1.25	10.0000	17.0000	8.0000
JNSF410	M12X1.25	12.0000	19.0000	10.0000
JNSF411	M16X1.5	16.0000	24.0000	13.0000
JNSF412	M20X1.5	20.0000	30.0000	16.0000
JNSF413	M24X2	24.0000	36.0000	19.0000

NON-ISO HEX NUTS AND HEX THIN NUTS

HEX NUTS, REGULAR, CLASS 1



Generic Part Name: JNNR1

Notes:

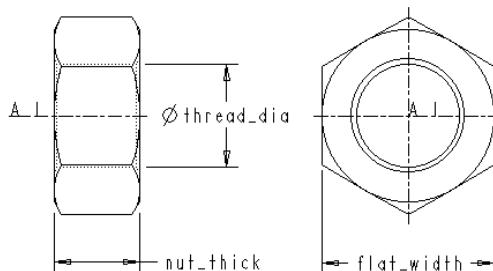
1. Corresponds to standard JIS B 1181.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL_DIA _THR_PITCH	thread_dia	flat_width	nut_thick
JNNR101	M6X1	6.000	10.000	5.000
JNNR102	M8X1.25	8.000	13.000	6.500
JNNR103	M10X1.5	10.000	17.000	8.000
JNNR104	M12X1.75	12.000	19.000	10.000
JNNR105	M16X2	16.000	24.000	13.000
JNNR106	M20X2.5	20.000	30.000	16.000
JNNR107	M24X3	24.000	36.000	19.000
JNNR108	M30X3.5	30.000	46.000	24.000
JNNR109	M36X4	36.000	55.000	29.000
JNNR110	M42X4.5	42.000	65.000	34.000
JNNR111	M48X5	48.000	75.000	38.000
JNNR112	M56X5.5	56.000	85.000	45.000
JNNR113	M64X6	64.000	95.000	51.000
JNNR114	M72X6	72.000	105.000	58.000
JNNR115	M80X6”	80.000	115.000	64.000
JNNR116	M90X6	90.000	130.000	72.000
JNNR117	M100X6	100.000	145.000	80.000
JNNR118	M110X6	110.000	155.000	88.000

NON-ISO HEX NUTS AND HEX THIN NUTS

Name	NOMINAL_DIA _THR_PITCH	thread_dia	flat_width	nut_thick
JNNR119	M125X6	125.000	180.000	100.000
JNNR120	M8X1	8.000	13.000	6.500
JNNR121	M10X1.25	10.000	17.000	8.000
JNNR122	M12X1.25	12.000	19.000	10.000
JNNR123	M16X1.5	16.000	24.000	13.000
JNNR124	M20X1.5	20.000	30.000	16.000
JNNR125	M24X2	24.000	36.000	19.000
JNNR126	M30X2	30.000	46.000	24.000
JNNR127	M36X3	36.000	55.000	29.000

HEX NUTS, REGULAR, CLASS 2



Generic Part Name: JNNR2

Notes:

1. Corresponds to standard JIS B 1181.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

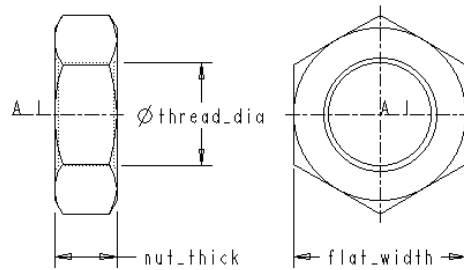
Name	NOMINAL_DIA _THR_PITCH	thread_dia	flat_width	nut_thick
JNNR201	M6X1	6.000	10.000	5.000
JNNR202	M8X1.25	8.000	13.000	6.500
JNNR203	M10X1.5	10.000	17.000	8.000
JNNR204	M12X1.75	12.000	19.000	10.000
JNNR205	M16X2	16.000	24.000	13.000
JNNR206	M20X2.5	20.000	30.000	16.000
JNNR207	M24X3	24.000	36.000	19.000
JNNR208	M30X3.5	30.000	46.000	24.000
JNNR209	M36X4	36.000	55.000	29.000
JNNR210	M42X4.5	42.000	65.000	34.000
JNNR211	M48X5	48.000	75.000	38.000
JNNR212	M56X5.5	56.000	85.000	45.000
JNNR213	M64X6	64.000	95.000	51.000
JNNR214	M72X6	72.000	105.000	58.000
JNNR215	M80X6	80.000	115.000	64.000
JNNR216	M90X6	90.000	130.000	72.000
JNNR217	M100X6	100.000	145.000	80.000

NON-ISO HEX NUTS AND HEX THIN NUTS

Name	NOMINAL_DIA _THR_PITCH	thread_dia	flat_width	nut_thick
JNNR218	M110X6	110.000	155.000	88.000
JNNR219	M125X6	125.000	180.000	100.000
JNNR220	M8X1	8.000	13.000	6.500
JNNR221	M10X1.25	10.000	17.000	8.000
JNNR222	M12X1.25	12.000	19.000	10.000
JNNR223	M16X1.5	16.000	24.000	13.000
JNNR224	M20X1.5	20.000	30.000	16.000
JNNR225	M24X2	24.000	36.000	19.000
JNNR226	M30X2	30.000	46.000	24.000
JNNR227	M36X3	36.000	55.000	29.000

NON-ISO HEX NUTS AND HEX THIN NUTS

HEX NUTS, REGULAR, CLASS 3



Generic Part Name: JNNR3

Notes:

1. Corresponds to standard JIS B 1181.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

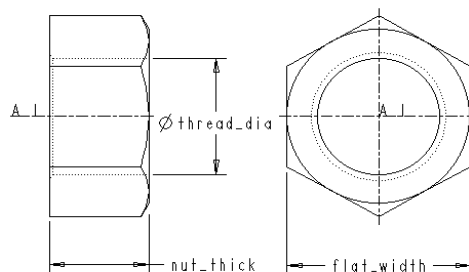
Name	NOMINAL_DIA _THR_PITCH	thread_dia	flat_width	nut_thick
JNNR301	M6X1	6.000	10.000	3.6000
JNNR302	M8X1.25	8.000	13.000	5.0000
JNNR303	M10X1.5	10.000	17.000	6.0000
JNNR304	M12X1.75	12.000	19.000	7.0000
JNNR305	M16X2	16.000	24.000	10.0000
JNNR306	M20X2.5	20.000	30.000	12.0000
JNNR307	M24X3	24.000	36.000	14.0000
JNNR308	M30X3.5	30.000	46.000	18.0000
JNNR309	M36X4	36.000	55.000	21.0000
JNNR310	M42X4.5	42.000	65.000	25.0000
JNNR311	M48X5	48.000	75.000	29.0000
JNNR312	M56X5.5	56.000	85.000	34.0000
JNNR313	M64X6	64.000	95.000	38.0000
JNNR314	M72X6	72.000	105.000	42.0000
JNNR315	M80X6	80.000	115.000	48.0000
JNNR316	M90X6	90.000	130.000	54.0000
JNNR317	M100X6	100.000	145.000	60.0000

NON-ISO HEX NUTS AND HEX THIN NUTS

Name	NOMINAL_DIA _THR_PITCH	thread_dia	flat_width	nut_thick
JNNR318	M110X6	110.000	155.000	65.0000
JNNR319	M125X6	125.000	180.000	76.0000
JNNR320	M8X1	8.000	13.000	5.0000
JNNR321	M10X1.25	10.000	17.000	6.0000
JNNR322	M12X1.25	12.000	19.000	7.0000
JNNR323	M16X1.5	16.000	24.000	10.0000
JNNR324	M20X1.5	20.000	30.000	12.0000
JNNR325	M24X2	24.000	36.000	14.0000
JNNR326	M30X2	30.000	46.000	18.0000
JNNR327	M36X3	36.000	55.000	21.0000

NON-ISO HEX NUTS AND HEX THIN NUTS

SMALL HEX NUTS, FINISHED, CLASS 1



Generic Part Name: JNMF1

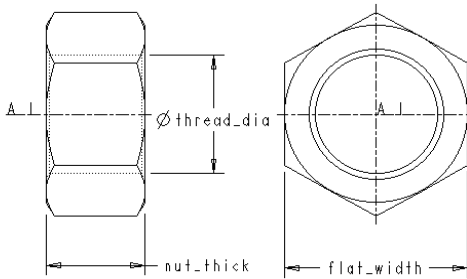
Notes:

1. Corresponds to standard JIS B 1181.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL_DIA_THR_PITCH	thread_dia	flat_width	nut_thick
JNMF101	M8X1.25	8.0000	12.0000	6.5000
JNMF102	M10X1.5	10.0000	14.0000	8.0000
JNMF103	M12X1.75	12.0000	17.0000	10.0000
JNMF104	M16X2	16.0000	22.0000	13.0000
JNMF105	M20X2.5	20.0000	27.0000	16.0000
JNMF106	M24X3	24.0000	32.0000	19.0000
JNMF107	M30X3.5	30.0000	41.0000	24.0000
JNMF108	M36X4	36.0000	50.0000	29.0000
JNMF109	M8X1	8.0000	12.0000	6.5000
JNMF110	M10X1.25	10.0000	14.0000	8.0000
JNMF111	M12X1.25	12.0000	17.0000	10.0000
JNMF112	M16X1.5	16.0000	22.0000	13.0000
JNMF113	M20X1.5	20.0000	27.0000	16.0000
JNMF114	M24X2	24.0000	32.0000	19.0000
JNMF115	M30X2	30.0000	41.0000	24.0000
JNMF116	M36X3	36.0000	50.0000	29.0000

NON-ISO HEX NUTS AND HEX THIN NUTS

SMALL HEX NUTS, FINISHED, CLASS 2



Generic Part Name: JNMF2

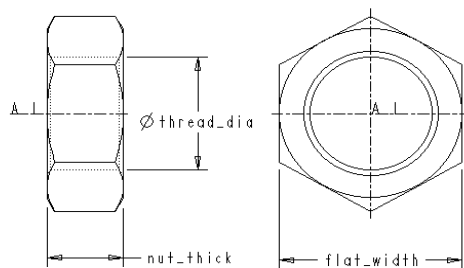
Notes:

1. Corresponds to standard JIS B 1181.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL_DIA _THR_PITCH	thread_dia	flat_width	nut_thick
JNMF201	M8X1.25	8.0000	12.0000	6.5000
JNMF202	M10X1.5	10.0000	14.0000	8.0000
JNMF203	M12X1.75	12.0000	17.0000	10.0000
JNMF204	M16X2	16.0000	22.0000	13.0000
JNMF205	M20X2.5	20.0000	27.0000	16.0000
JNMF206	M24X3	24.0000	32.0000	19.0000
JNMF207	M30X3.5	30.0000	41.0000	24.0000
JNMF208	M36X4	36.0000	50.0000	29.0000
JNMF209	M8X1	8.0000	12.0000	6.5000
JNMF210	M10X1.25	10.0000	14.0000	8.0000
JNMF211	M12X1.25	12.0000	17.0000	10.0000
JNMF212	M16X1.5	16.0000	22.0000	13.0000
JNMF213	M20X1.5	20.0000	27.0000	16.0000
JNMF214	M24X2	24.0000	32.0000	19.0000
JNMF215	M30X2	30.0000	41.0000	24.0000
JNMF216	M36X3	36.0000	50.0000	29.0000

NON-ISO HEX NUTS AND HEX THIN NUTS

SMALL HEX NUTS, FINISHED, CLASS 3



Generic Part Name: JNMF3

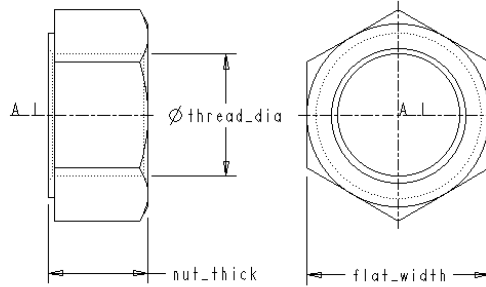
Notes:

1. Corresponds to standard JIS B 1181.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL_DIA _THR_PITCH	thread_dia	flat_width	nut_thick
JNMF301	M8X1.25	8.0000	12.0000	5.0000
JNMF302	M10X1.5	10.0000	14.0000	6.0000
JNMF303	M12X1.75	12.0000	17.0000	7.0000
JNMF304	M16X2	16.0000	22.0000	10.0000
JNMF305	M20X2.5	20.0000	27.0000	12.0000
JNMF306	M24X3	24.0000	32.0000	14.0000
JNMF307	M30X3.5	30.0000	41.0000	18.0000
JNMF308	M36X4	36.0000	50.0000	21.0000
JNMF309	M8X1	8.0000	12.0000	5.0000
JNMF310	M10X1.25	10.0000	14.0000	6.0000
JNMF311	M12X1.25	12.0000	17.0000	7.0000
JNMF312	M16X1.5	16.0000	22.0000	10.0000
JNMF313	M20X1.5	20.0000	27.0000	12.0000
JNMF314	M24X2	24.0000	32.0000	14.0000
JNMF315	M30X2	30.0000	41.0000	18.0000
JNMF316	M36X3	36.0000	50.0000	21.0000

NON-ISO HEX NUTS AND HEX THIN NUTS

SMALL HEX NUTS, FINISHED, CLASS 4



Generic Part Name: JNMF4

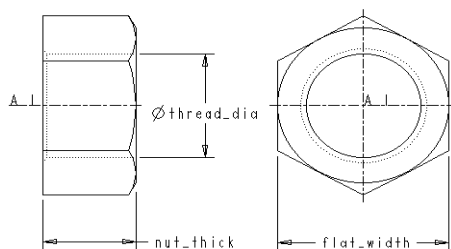
Notes:

1. Corresponds to standard JIS B 1181.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL_DIA _THR_PITCH	thread_dia	flat_width	nut_thick
JNMF401	M8X1.25	8.0000	12.0000	6.5000
JNMF402	M10X1.5	10.0000	14.0000	8.0000
JNMF403	M12X1.75	12.0000	17.0000	10.0000
JNMF404	M16X2	16.0000	22.0000	13.0000
JNMF405	M20X2.5	20.0000	27.0000	16.0000
JNMF406	M24X3	24.0000	32.0000	19.0000
JNMF407	M8X1	8.0000	13.0000	6.5000
JNMF408	M10X1.25	10.0000	17.0000	8.0000
JNMF409	M12X1.25	12.0000	19.0000	10.0000
JNMF410	M16X1.5	16.0000	24.0000	13.0000
JNMF411	M20X1.5”	20.0000	30.0000	16.0000
JNMF412	M24X2	24.0000	36.0000	19.0000

NON-ISO HEX NUTS AND HEX THIN NUTS

SMALL HEX NUTS, SEMI-FINISHED, CLASS 1



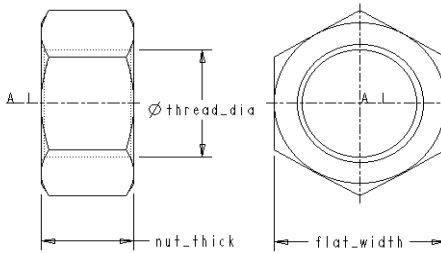
Generic Part Name: JNMS1

Notes:

1. Corresponds to standard JIS B 1181.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL _DIA_THR _PITCH	thread_dia	flat_width	nut_thick
JNMS101	M8X1.25	8.0000	12.0000	6.5000
JNMS102	M10X1.5	10.0000	14.0000	8.0000
JNMS103	M12X1.75	12.0000	17.0000	10.0000
JNMS104	M16X2	16.0000	22.0000	13.0000
JNMS105	M20X2.5	20.0000	27.0000	16.0000
JNMS106	M24X3	24.0000	32.0000	19.0000
JNMS107	M30X3.5	30.0000	41.0000	24.0000
JNMS108	M36X4	36.0000	50.0000	29.0000
JNMS109	M8X1	8.0000	12.0000	6.5000
JNMS110	M10X1.25	10.0000	14.0000	8.0000
JNMS111	M12X1.25	12.0000	17.0000	10.0000
JNMS112	M16X1.5	16.0000	22.0000	13.0000
JNMS113	M20X1.5	20.0000	27.0000	16.0000
JNMS114	M24X2	24.0000	32.0000	19.0000
JNMS115	M30X2	30.0000	41.0000	24.0000
JNMS116	M36X3”	36.0000	50.0000	29.0000

SMALL HEX NUTS, SEMI-FINISHED, CLASS 2



Generic Part Name: JNMS2

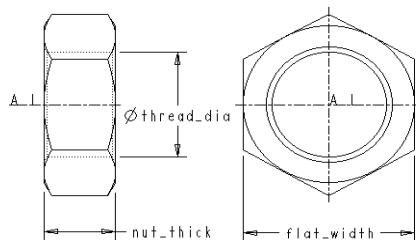
Notes:

1. Corresponds to standard JIS B 1181.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL_DIA _THR_PITCH	thread_dia	flat_width	nut_thick
JNMS201	M8X1.25	8.0000	12.0000	6.5000
JNMS202	M10X1.5	10.0000	14.0000	8.0000
JNMS203	M12X1.75	12.0000	17.0000	10.0000
JNMS204	M16X2	16.0000	22.0000	13.0000
JNMS205	M20X2.5	20.0000	27.0000	16.0000
JNMS206	M24X3	24.0000	32.0000	19.0000
JNMS207	M30X3.5	30.0000	41.0000	24.0000
JNMS208	M36X4	36.0000	50.0000	29.0000
JNMS209	M8X1	8.0000	12.0000	6.5000
JNMS210	M10X1.25	10.0000	14.0000	8.0000
JNMS211	M12X1.25	12.0000	17.0000	10.0000
JNMS212	M16X1.5	16.0000	22.0000	13.0000
JNMS213	M20X1.5	20.0000	27.0000	16.0000
JNMS214	M24X2	24.0000	32.0000	19.0000
JNMS215	M30X2	30.0000	41.0000	24.0000
JNMS216	M36X3	36.0000	50.0000	29.0000

NON-ISO HEX NUTS AND HEX THIN NUTS

SMALL HEX NUTS, SEMI-FINISHED, CLASS 3



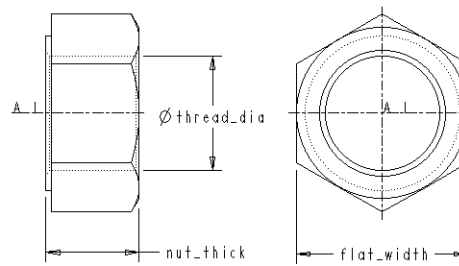
Generic Part Name: JNMS3

Notes:

1. Corresponds to standard JIS B 1181.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL_DIA _THR_PITCH	thread_dia	flat_width	nut_thick
JNMS301	M8X1.25	8.0000	12.0000	5.0000
JNMS302	M10X1.5	10.0000	14.0000	6.0000
JNMS303	M12X1.75	12.0000	17.0000	7.0000
JNMS304	M16X2	16.0000	22.0000	10.0000
JNMS305	M20X2.5	20.0000	27.0000	12.0000
JNMS306	M24X3	24.0000	32.0000	14.0000
JNMS307	M30X3.5	30.0000	41.0000	18.0000
JNMS308	M36X4	36.0000	50.0000	21.0000
JNMS309	M8X1	8.0000	12.0000	5.0000
JNMS310	M10X1.25	10.0000	14.0000	6.0000
JNMS311	M12X1.25	12.0000	17.0000	7.0000
JNMS312	M16X1.5	16.0000	22.0000	10.0000
JNMS313	M20X1.5	20.0000	27.0000	12.0000
JNMS314	M24X2	24.0000	32.0000	14.0000
JNMS315	M30X2	30.0000	41.0000	18.0000
JNMS316	M36X3	36.0000	50.0000	21.0000

SMALL HEX NUTS, SEMI-FINISHED, CLASS 4



Generic Part Name: JNMS4

Notes:

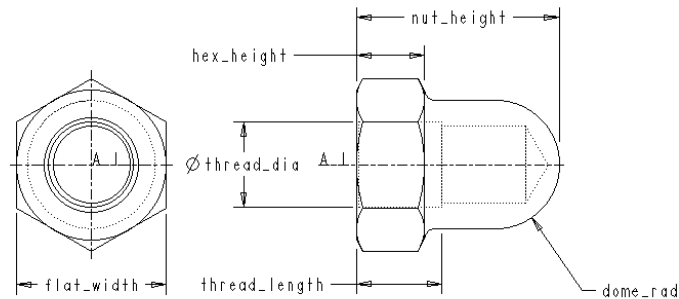
1. Corresponds to standard JIS B 1181.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL_DIA _THR_PITCH	thread_dia	flat_width	nut_thick
JNMS401	M8X1.25	8.0000	12.0000	6.5000
JNMS402	M10X1.5	10.0000	14.0000	8.0000
JNMS403	M12X1.75	12.0000	17.0000	10.0000
JNMS404	M16X2	16.0000	22.0000	13.0000
JNMS405	M20X2.5	20.0000	27.0000	16.0000
JNMS406	M24X3	24.0000	32.0000	19.0000
JNMS407	M8X1	8.0000	13.0000	6.5000
JNMS408	M10X1.25	10.0000	17.0000	8.0000
JNMS409	M12X1.25	12.0000	19.0000	10.0000
JNMS410	M16X1.5	16.0000	24.0000	13.0000
JNMS411	M20X1.5	20.0000	30.0000	16.0000
JNMS412	M24X2	24.0000	36.0000	19.0000

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DOMED CAP NUTS

DOMED CAP NUTS, TYPE 1



Generic Part Name: JNDC1

Notes:

1. Corresponds to standard JIS B 1183.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

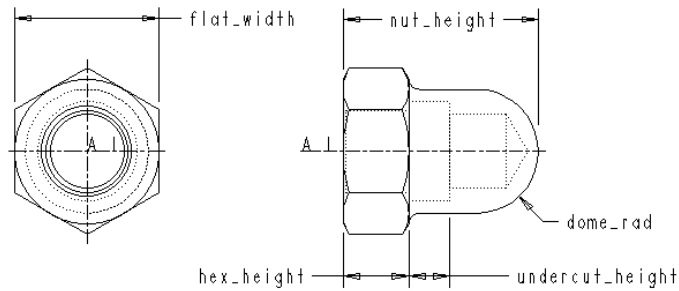
Name	NOMINAL _DIA_THR _PITCH	thread _dia	flat _width	hex _height	nut _height	dome _rad	thread _length
JNDC101	M4X0.7	4.0000	7.0000	3.2000	9.5000	3.0000	4.0000
JNDC102	M5X0.8	5.0000	8.0000	4.0000	11.0000	3.5000	5.0000
JNDC103	M6X1	6.0000	10.0000	5.0000	12.0000	4.5000	6.0000
JNDC104	M8X1.25	8.0000	13.0000	6.5000	15.0000	6.0000	8.0000
JNDC105	M10X1.5	10.0000	17.0000	8.0000	18.0000	7.5000	10.0000
JNDC106	M12X1.75	12.0000	19.0000	10.0000	22.0000	8.0000	12.0000
JNDC107	M16X2	16.0000	24.0000	13.0000	28.0000	11.0000	16.0000
JNDC108	M20X2.5	20.0000	30.0000	16.0000	34.0000	13.5000	20.0000
JNDC109	M24X3	24.0000	36.0000	19.0000	41.0000	16.5000	24.0000
JNDC110	M30X3.5	30.0000	46.0000	24.0000	50.0000	21.0000	30.0000
JNDC111	M36X4	36.0000	55.0000	29.0000	59.0000	25.5000	36.0000
JNDC112	M8X1	8.0000	13.0000	6.5000	15.0000	6.0000	8.0000
JNDC113	M10X1.25	10.0000	17.0000	8.0000	18.0000	7.5000	10.0000
JNDC114	M12X1.25	12.0000	19.0000	10.0000	22.0000	8.0000	12.0000
JNDC115	M16X1.5	16.0000	24.0000	13.0000	28.0000	11.0000	16.0000

DOMED CAP NUTS

Name	NOMINAL _DIA_THR _PITCH	thread _dia	flat_ width	hex_ height	nut_ height	dome_ rad	thread_length
JNDC116	M20X1.5	20.0000	30.0000	16.0000	34.0000	13.5000	20.0000
JNDC117	M24X2	24.0000	36.0000	19.0000	41.0000	16.5000	24.0000
JNDC118	M30X2	30.0000	46.0000	24.0000	50.0000	21.0000	30.0000
JNDC119	M36X3	36.0000	55.0000	29.0000	59.0000	25.5000	36.0000

DOMED CAP NUTS

DOMED CAP NUTS, TYPE 2



Generic Part Name: JNDC2

Notes:

1. Corresponds to standard JIS B 1183.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

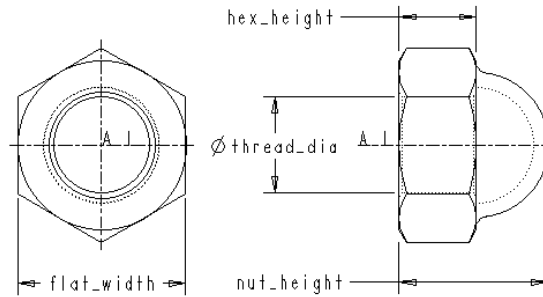
Name	NOMINAL _DIA_THR _PITCH	flat_ width	hex_ height	nut_ height	dome_ rad	undercut_ height
JNDC201	M4X0.7	7.0000	3.2000	9.5000	3.0000	2.0000
JNDC202	M5X0.8	8.0000	4.0000	11.0000	3.5000	2.0000
JNDC203	M6X1	10.0000	5.0000	12.0000	4.5000	2.5000
JNDC204	M8X1.25	13.0000	6.5000	15.0000	6.0000	3.0000
JNDC205	M10X1.5	17.0000	8.0000	18.0000	7.5000	3.5000
JNDC206	M12X1.75	19.0000	10.0000	22.0000	8.0000	4.0000
JNDC207	M16X2	24.0000	13.0000	28.0000	11.0000	5.0000
JNDC208	M20X2.5	30.0000	16.0000	34.0000	13.5000	6.0000
JNDC209	M24X3	36.0000	19.0000	41.0000	16.5000	8.0000
JNDC210	M30X3.5	46.0000	24.0000	50.0000	21.0000	9.0000
JNDC211	M36X4	55.0000	29.0000	59.0000	25.5000	10.0000
JNDC212	M8X1	13.0000	6.5000	15.0000	6.0000	3.0000
JNDC213	M10X1.25	17.0000	8.0000	18.0000	7.5000	3.5000
JNDC214	M12X1.25	19.0000	10.0000	22.0000	8.0000	4.0000
JNDC215	M16X1.5	24.0000	13.0000	28.0000	11.0000	5.0000
JNDC216	M20X1.5	30.0000	16.0000	34.0000	13.5000	6.0000

DOMED CAP NUTS

Name	NOMINAL _DIA_THR _PITCH	flat_ width	hex_ height	nut_ height	dome_ rad	undercut_ height
JNDC217	M24X2	36.0000	19.0000	41.0000	16.5000	8.0000
JNDC218	M30X2	46.0000	24.0000	50.0000	21.0000	9.0000
JNDC219	M36X3	55.0000	29.0000	59.0000	25.5000	10.0000

DOMED CAP NUTS

DOMED CAP NUTS, TYPE 3



Generic Part Name: JNDC3

Notes:

1. Corresponds to standard JIS B 1183.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

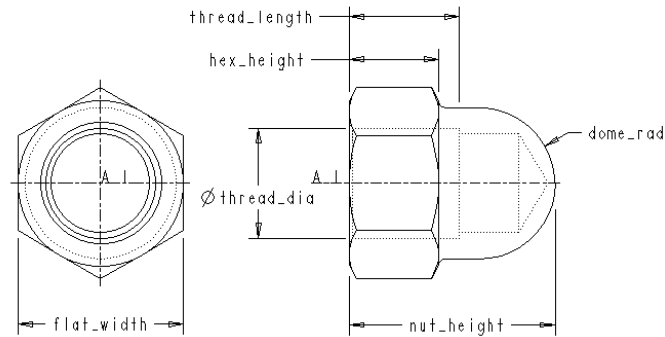
Name	NOMINAL _DIA_THR _PITCH	thread_ dia	flat_ width	hex_ height	nut_ height
JNDC301	M4X0.7	4.0000	7.0000	3.2000	6.2000
JNDC302	M5X0.8	5.0000	8.0000	4.0000	7.5000
JNDC303	M6X1	6.0000	10.0000	5.0000	9.5000
JNDC304	M8X1.25	8.0000	13.0000	6.5000	12.5000
JNDC305	M10X1.5	10.0000	17.0000	8.0000	15.5000
JNDC306	M12X1.75	12.0000	19.0000	10.0000	18.5000
JNDC307	M16X2	16.0000	24.0000	13.0000	24.0000
JNDC308	M20X2.5	20.0000	30.0000	16.0000	29.0000
JNDC309	M24X3	24.0000	36.0000	19.0000	35.5000
JNDC310	M30X3.5	30.0000	46.0000	24.0000	45.0000
JNDC311	M36X4	36.0000	55.0000	29.0000	54.5000
JNDC312	M8X1	8.0000	13.0000	6.5000	12.5000
JNDC313	M10X1.25	10.0000	17.0000	8.0000	15.5000
JNDC314	M12X1.25	12.0000	19.0000	10.0000	18.5000
JNDC315	M16X1.5	16.0000	24.0000	13.0000	24.0000
JNDC316	M20X1.5	20.0000	30.0000	16.0000	29.0000

DOMED CAP NUTS

Name	NOMINAL _DIA_THR _PITCH	thread_ dia	flat_ width	hex_ height	nut_ height
JNDC317	M24X2	24.0000	36.0000	19.0000	35.5000
JNDC318	M30X2	30.0000	46.0000	24.0000	45.0000
JNDC319	M36X3	36.0000	55.0000	29.0000	54.5000

DOMED CAP NUTS

SMALL SIZE DOMED CAP NUTS, TYPE 1



Generic Part Name: JNDS1

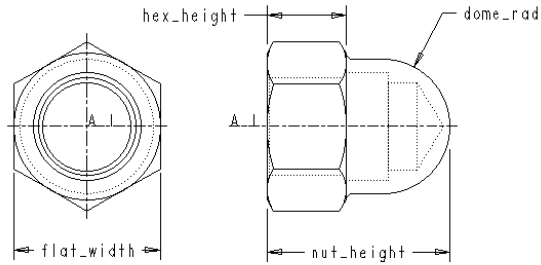
Notes:

1. Corresponds to standard JIS B 1183.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL _DIA_THR _PITCH	thread_ dia	flat_ width	hex_ height	nut_ height	dome_ rad	thread_ length
JNDS101	M8X1.25	8.0000	12.0000	6.5000	15.0000	5.5000	8.0000
JNDS102	M10X1.5	10.0000	14.0000	8.0000	18.0000	6.5000	10.0000
JNDS103	M12X1.75	12.0000	17.0000	10.0000	22.0000	7.5000	12.0000
JNDS104	M16X2	16.0000	22.0000	13.0000	28.0000	10.0000	16.0000
JNDS105	M20X2.5	20.0000	27.0000	16.0000	34.0000	12.0000	20.0000
JNDS106	M24X3	24.0000	32.0000	19.0000	41.0000	14.5000	24.0000
JNDS107	M8X1	8.0000	12.0000	6.5000	15.0000	5.5000	8.0000
JNDS108	M10X1.25	10.0000	14.0000	8.0000	18.0000	6.5000	10.0000
JNDS109	M12X1.25	12.0000	17.0000	10.0000	22.0000	7.5000	12.0000
JNDS110	M16X1.5	16.0000	22.0000	13.0000	28.0000	10.0000	16.0000
JNDS111	M20X1.5	20.0000	27.0000	16.0000	34.0000	12.0000	20.0000
JNDS112	M24X2	24.0000	32.0000	19.0000	41.0000	14.5000	24.0000

DOMED CAP NUTS

SMALL SIZE DOMED CAP NUTS, TYPE 2



Generic Part Name: JNDS2

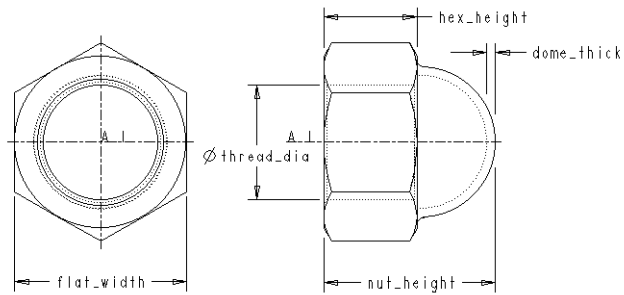
Notes:

1. Corresponds to standard JIS B 1183.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL _DIA_THR _PITCH	flat_ width	hex_ height	nut_ height	dome_ rad
JNDS201	M8X1.25	12.0000	6.5000	15.0000	5.5000
JNDS202	M10X1.5	14.0000	8.0000	18.0000	6.5000
JNDS203	M12X1.75	17.0000	10.0000	22.0000	7.5000
JNDS204	M16X2	22.0000	13.0000	28.0000	10.0000
JNDS205	M20X2.5	12.0000	6.5000	15.0000	5.5000
JNDS206	M24X3	32.0000	19.0000	41.0000	14.5000
JNDS207	M8X1	12.0000	6.5000	15.0000	5.5000
JNDS208	M10X1.25	14.0000	8.0000	18.0000	6.5000
JNDS209	M12X1.25	17.0000	10.0000	22.0000	7.5000
JNDS210	M16X1.5”	22.0000	13.0000	28.0000	10.0000
JNDS211	M20X1.5	27.0000	16.0000	34.0000	12.0000
JNDS212	M24X2”	32.0000	19.0000	41.0000	14.5000

DOMED CAP NUTS

SMALL SIZE DOMED CAP NUTS, TYPE 3



Generic Part Name: JNDS3

Notes:

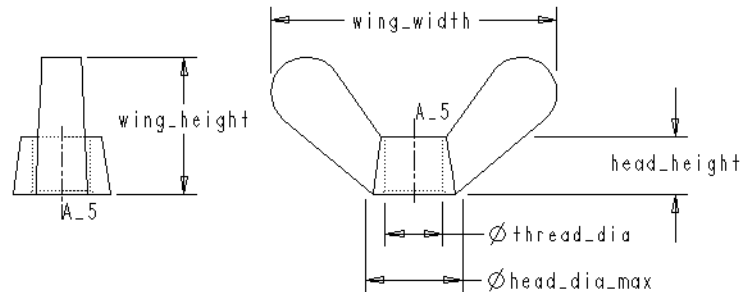
1. Corresponds to standard JIS B 1183.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL_ DIA_THR_ PITCH	thread_ dia	flat_ width	hex_ height	nut_ height
JNDS301	M8X1.25	8.0000	12.0000	6.5000	12.0000
JNDS302	M10X1.5	10.0000	14.0000	8.0000	14.5000
JNDS303	M12X1.75	12.0000	17.0000	10.0000	17.5000
JNDS304	M16X2	16.0000	22.0000	13.0000	23.0000
JNDS305	M20X2.5	20.0000	27.0000	16.0000	26.0000
JNDS306	M24X3	24.0000	32.0000	19.0000	33.5000
JNDS307	M8X1	8.0000	12.0000	6.5000	12.0000
JNDS308	M10X1.25	10.0000	14.0000	8.0000	14.5000
JNDS309	M12X1.25	12.0000	17.0000	10.0000	17.5000
JNDS310	M16X1.5	16.0000	22.0000	13.0000	23.0000
JNDS311	M20X1.5	20.0000	27.0000	16.0000	26.0000
JNDS312	M24X2	24.0000	32.0000	19.0000	33.5000

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WING NUTS

WING NUTS, CLASS 1



Generic Part Name: JNWC1

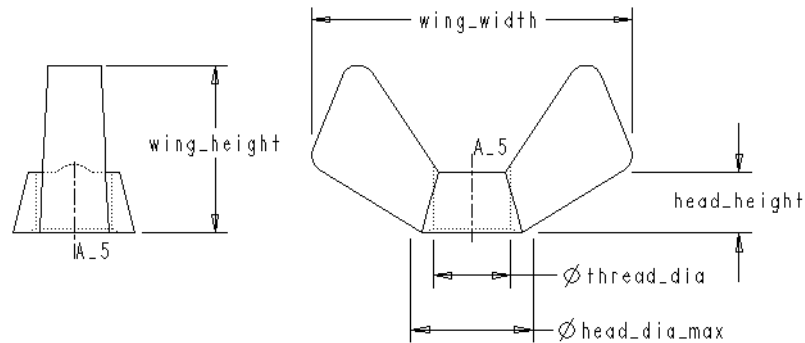
Notes:

1. Corresponds to standard JIS B 1185.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL _DIA_THR _PITCH	head_dia_ max	head_ height	wing_ width	wing_ height	thread_ dia
JNWC101	M2X.4	4.0000	2.0000	12.000	6.0000	2.0000
JNWC102	M2.2X.45	4.0000	2.0000	12.000	6.0000	2.2000
JNWC103	M2.5X.45	5.0000	3.0000	16.000	8.0000	2.5000
JNWC104	M3X.5	5.0000	3.0000	16.000	8.0000	3.0000
JNWC105	M4X.7	7.0000	4.0000	20.000	10.0000	4.0000
JNWC106	M5X0.8	8.5000	5.0000	25.000	12.0000	5.0000
JNWC107	M6X1	10.5000	6.0000	32.000	16.0000	6.0000
JNWC108	M8X1.25	14.0000	8.0000	40.000	20.0000	8.0000
JNWC109	M10X1.5	18.0000	10.0000	50.000	25.0000	10.0000
JNWC110	M12X1.75	22.0000	12.0000	60.000	30.0000	12.0000
JNWC111	M16X2	26.0000	14.0000	70.000	35.0000	16.0000
JNWC112	M20X2.5	34.0000	18.0000	90.000	45.0000	20.0000
JNWC113	M24X3	43.0000	22.0000	112.000	56.0000	24.0000

WING NUTS

WING NUTS, CLASS 2



Generic Part Name: JNWC2

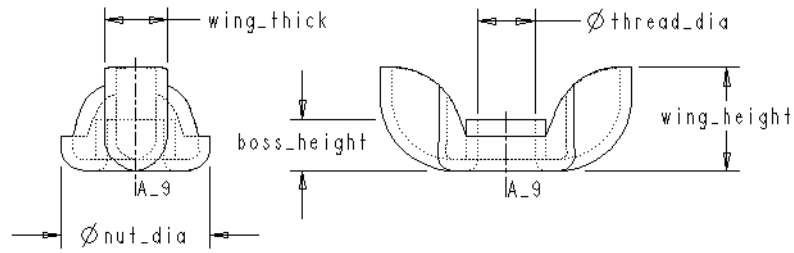
Notes:

1. Corresponds to standard JIS B 1185.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL _DIA_THR _PITCH	head_dia_ max	head_ height	wing_ width	wing_ height	thread_ dia
JNWC201	M3X.5	6.5000	3.0000	17.0000	9.0000	3.0000
JNWC202	M4X.7	6.5000	3.0000	17.0000	9.0000	4.0000
JNWC203	M5X0.8	8.0000	4.0000	21.0000	11.0000	5.0000
JNWC204	M6X1	10.0000	4.5000	27.0000	13.0000	6.0000
JNWC205	M8X1.25	13.0000	6.0000	31.0000	16.0000	8.0000
JNWC206	M10X1.5	16.0000	7.5000	36.0000	18.0000	10.0000
JNWC207	M12X1.75	20.0000	9.0000	48.0000	23.0000	12.0000
JNWC208	M16X2	27.0000	12.0000	68.0000	35.0000	16.0000
JNWC209	M20X2.5	27.0000	12.0000	68.0000	35.0000	20.0000

WING NUTS

WING NUTS, CLASS 3



Generic Part Name: JNWC3

Notes:

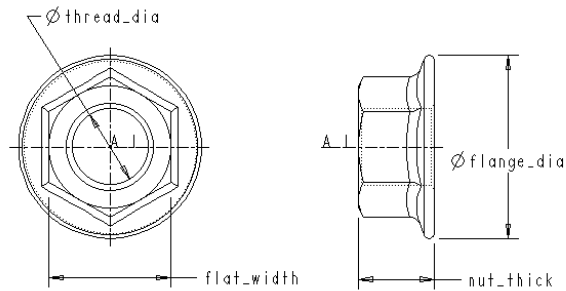
1. Corresponds to standard JIS B 1185.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL _DIA_THR _PITCH	nut_dia	wing_ height	wing_ thick	boss_ height	thread_ dia
JNWC301	M3X.5	10.0000	6.5000	4.00000	3.50000	3.0000
JNWC302	M4X.7	12.0000	8.5000	5.00000	4.00000	4.0000
JNWC303	M5X0.8	13.0000	9.0000	5.50000	4.50000	5.0000
JNWC304	M6X1	15.0000	9.5000	6.00000	5.00000	6.0000
JNWC305	M8X1.25	17.0000	11.0000	7.00000	6.00000	8.0000
JNWC306	M10X1.5	20.0000	12.0000	8.00000	7.00000	10.0000

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HEX NUTS WITH FLANGE

HEX NUTS WITH FLANGE



Generic Part Name: JNHFA

Notes:

1. Corresponds to standard JIS B 1190.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL_DIA _THR_PITCH	thread_dia	flat_width	nut_thick	flange_dia
JNHFA01	M4X0.7	4.0000	7.0000	4.2000	10.5000
JNHFA02	M5X0.8	5.0000	8.0000	5.0000	12.0000
JNHFA03	M6X1	6.0000	10.0000	6.0000	14.0000
JNHFA04	M8X1.25	8.0000	12.0000	8.0000	17.5000
JNHFA05	M10X1.5	10.0000	14.0000	10.0000	21.0000
JNHFA06	M12X1.75	12.0000	17.0000	11.5000	25.0000
JNHFA07	M16X2	16.0000	22.0000	15.0000	33.0000
JNHFA08	M8X1	8.0000	12.0000	8.0000	17.5000
JNHFA09	M10X1.25	10.0000	14.0000	10.0000	21.0000
JNHFA10	M12X1.25	12.0000	17.0000	11.5000	25.0000
JNHFA11	M16X1.5”	16.0000	22.0000	15.0000	33.0000

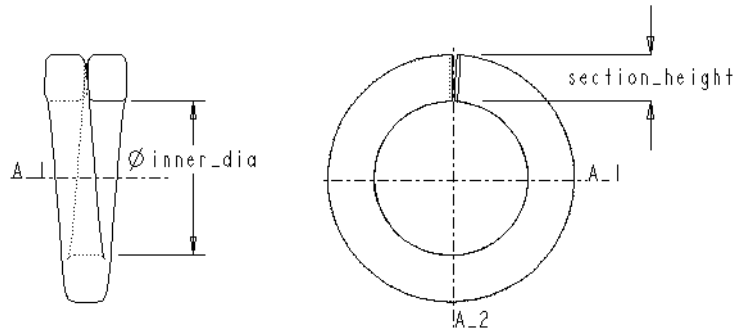
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**SECTION IV
WASHERS**

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WASHERS

SPRING LOCK WASHERS



Generic Part Name: JWSLC

Notes:

1. Corresponds to standard JIS B 1251.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

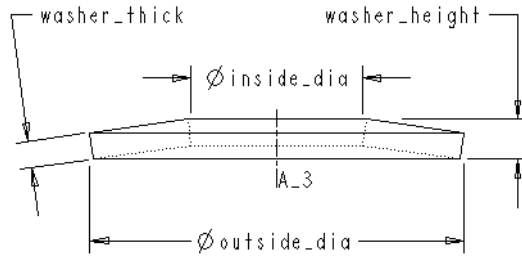
Name	NOMINAL_SIZE	inner_dia	section_height
JWSLC01	2.0000	2.1000	0.9000
JWSLC02	2.5000	2.6000	1.0000
JWSLC03	3.0000	3.1000	1.1000
JWSLC04	4.0000	4.1000	1.4000
JWSLC05	5.0000	5.1000	1.7000
JWSLC06	6.0000	6.1000	2.7000
JWSLC07	8.0000	8.2000	3.2000
JWSLC08	10.0000	10.2000	3.7000
JWSLC09	12.0000	12.2000	4.2000
JWSLC10	16.0000	16.2000	5.2000
JWSLC11	20.0000	20.2000	6.1000
JWSLC12	24.0000	24.5000	7.1000
JWSLC13	30.0000	30.5000	8.7000
JWSLC14	36.0000	36.5000	10.2000
JWSLC15	2.0000	2.1000	0.9000
JWSLC16	2.5000	2.6000	1.0000

WASHERS

Name	NOMINAL_ SIZE	inner_dia	section_ height
JWSLC17	3.0000	3.1000	1.1000
JWSLC18	4.0000	4.1000	1.4000
JWSLC19	5.0000	5.1000	1.7000
JWSLC20	6.0000	6.1000	2.7000
JWSLC21	8.0000	8.2000	3.2000
JWSLC22	10.0000	10.2000	3.7000
JWSLC23	12.0000	12.2000	4.2000
JWSLC24	16.0000	16.2000	5.2000
JWSLC25	20.0000	20.2000	6.1000
JWSLC26	24.0000	24.5000	7.1000
JWSLC27	30.0000	30.5000	8.7000
JWSLC28	36.0000	36.5000	10.2000

WASHERS

CONICAL SPRING WASHERS, CLASS 1



Generic Part Name: JWCS1

Notes:

1. Corresponds to standard JIS B 1252.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

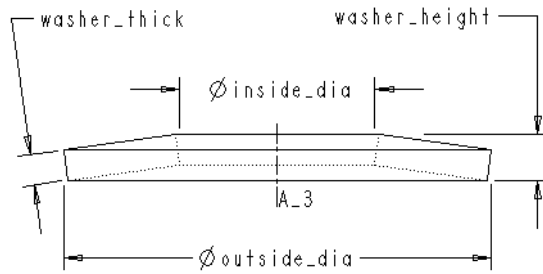
Name	NOMINAL_ SIZE	inside_dia	outside_dia	washer_ thick	washer_ height
JWCS101	3.0000	3.2000	7.0000	0.5000	0.7500
JWCS102	4.0000	4.3000	9.0000	0.7000	0.9500
JWCS103	5.0000	5.3000	10.0000	0.8000	1.1000
JWCS104	6.0000	6.4000	12.5000	1.0000	1.3500
JWCS105	8.0000	8.4000	17.0000	1.4000	1.8500
JWCS106	10.0000	10.5000	21.0000	1.8000	2.3000
JWCS107	12.0000	13.0000	24.0000	2.2000	2.7000
JWCS108	16.0000	17.0000	30.0000	2.8000	3.5000
JWCS109	20.0000	21.0000	37.0000	3.5000	4.4000
JWCS110	24.0000	25.0000	44.0000	4.0000	5.2000
JWCS111	30.0000	31.0000	56.0000	5.0000	6.6000
JWCS112	3.0000	3.2000	7.0000	0.5000	0.6000
JWCS113	4.0000	4.3000	9.0000	0.7000	0.8000
JWCS114	5.0000	5.3000	10.0000	0.8000	0.9000
JWCS115	6.0000	6.4000	12.5000	1.0000	1.1500
JWCS116	8.0000	8.4000	17.0000	1.4000	1.6000
JWCS117	10.0000	10.5000	21.0000	1.8000	2.0000
JWCS118	12.0000	13.0000	24.0000	2.2000	2.4500

WASHERS

Name	NOMINAL_ SIZE	inside_dia	outside_dia	washer_ thick	washer_ height
JWCS119	16.0000	17.0000	30.0000	2.8000	3.1000
JWCS120	20.0000	21.0000	37.0000	3.5000	3.8500
JWCS121	24.0000	25.0000	44.0000	4.0000	4.4500
JWCS122	30.0000	31.0000	56.0000	5.0000	5.6000

WASHERS

CONICAL SPRING WASHERS, CLASS 2



Generic Part Name: JWCS2

Notes:

1. Corresponds to standard JIS B 1252.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

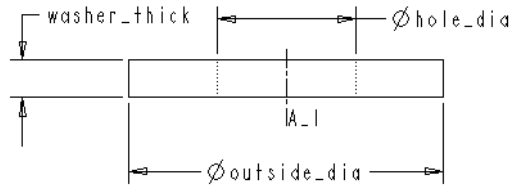
Name	NOMINAL _SIZE	inside_dia	outside_ dia	washer_ thick	washer_ height
JWCS201	4.0000	4.3000	7.5000	0.4500	0.7000
JWCS202	5.0000	5.3000	9.0000	0.5500	0.8500
JWCS203	6.0000	6.4000	10.5000	0.6000	0.9500
JWCS204	8.0000	8.4000	13.5000	0.9000	1.3000
JWCS205	10.0000	10.5000	16.5000	1.1000	1.6000
JWCS206	12.0000	13.0000	19.0000	1.2000	1.7500
JWCS207	16.0000	17.0000	25.0000	1.6000	2.3000
JWCS208	20.0000	21.0000	31.0000	2.0000	2.8000
JWCS209	24.0000	25.0000	37.0000	2.5000	3.5000
JWCS210	30.0000	31.0000	46.0000	3.0000	4.3000
JWCS211	4.0000	4.3000	7.5000	0.4500	0.6000
JWCS212	5.0000	5.3000	9.0000	0.5500	0.7000
JWCS213	6.0000	6.4000	10.5000	0.6000	0.8000
JWCS214	8.0000	8.4000	13.5000	0.9000	1.1000
JWCS215	10.0000	10.5000	16.5000	1.1000	1.3500
JWCS216	12.0000	13.0000	19.0000	1.2000	1.4500
JWCS217	16.0000	17.0000	25.0000	1.6000	1.9000
JWCS218	20.0000	21.0000	31.0000	2.0000	2.4000

WASHERS

Name	NOMINAL _SIZE	inside_dia	outside_ dia	washer_ thick	washer_ height
JWCS219	24.0000	25.0000	37.0000	2.5000	3.0000
JWCS220	30.0000	31.0000	46.0000	3.0000	3.6000

WASHERS

PLAIN SMALL CIRCULAR WASHERS



Generic Part Name: JWSMC

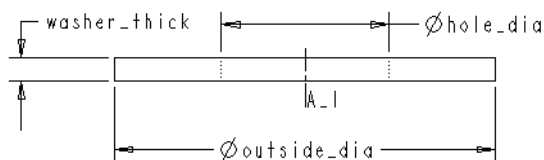
Notes:

1. Corresponds to standard JIS B 1256.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL _SIZE	hole_dia	outside_ dia	washer_ thick
JWSMC01	1.0000	1.1000	2.5000	0.3000
JWSMC02	1.2000	1.3000	2.8000	0.3000
JWSMC03	1.6000	1.7000	3.8000	0.3000
JWSMC04	2.0000	2.2000	4.3000	0.3000
JWSMC05	2.5000	2.7000	5.0000	0.5000
JWSMC06	3.0000	3.2000	6.0000	0.5000
JWSMC07	4.0000	4.3000	8.0000	0.8000
JWSMC08	5.0000	5.3000	10.0000	1.0000
JWSMC09	6.0000	6.4000	11.5000	1.6000
JWSMC10	8.0000	8.4000	15.5000	1.6000
JWSMC11	10.0000	10.5000	18.0000	2.0000
JWSMC12	12.0000	13.0000	21.0000	2.5000
JWSMC13	16.0000	17.0000	28.0000	3.0000
JWSMC14	20.0000	21.0000	34.0000	3.0000
JWSMC15	24.0000	25.0000	39.0000	4.0000
JWSMC16	30.0000	31.0000	50.0000	4.0000
JWSMC17	36.0000	37.0000	60.0000	5.0000

WASHERS

PLAIN FINISHED CIRCULAR WASHERS



Generic Part Name: JWPCF

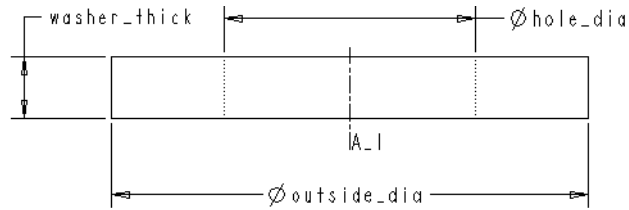
Notes:

1. Corresponds to standard JIS B 1256.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL SIZE	hole_dia	outside_dia	washer_thick
JWPCF01	2.0000	2.2000	5.000	0.3000
JWPCF02	2.5000	2.7000	6.500	0.5000
JWPCF03	3.0000	3.2000	7.000	0.5000
JWPCF04	4.0000	4.3000	9.000	0.8000
JWPCF05	5.0000	5.3000	10.000	1.0000
JWPCF06	6.0000	6.4000	12.500	1.6000
JWPCF07	8.0000	8.4000	17.000	1.6000
JWPCF08	10.0000	10.5000	21.000	2.0000
JWPCF09	12.0000	13.0000	24.000	2.5000
JWPCF10	16.0000	17.0000	30.000	3.0000
JWPCF11	20.0000	21.0000	37.000	3.0000
JWPCF12	24.0000	25.0000	44.000	4.0000
JWPCF13	30.0000	31.0000	56.000	4.0000
JWPCF14	36.0000	37.0000	66.000	5.0000
JWPCF15	42.0000	43.0000	78.000	7.0000
JWPCF16	48.0000	50.0000	92.000	8.0000
JWPCF17	56.0000	58.0000	105.000	9.0000
JWPCF18	64.0000	66.0000	115.000	9.0000
JWPCF19	72.0000	74.0000	125.000	10.0000
JWPCF20	80.0000	82.0000	140.000	10.0000

WASHERS

PLAIN REGULAR CIRCULAR WASHERS



Generic Part Name: JWPCR

Notes:

1. Corresponds to standard JIS B 1256.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

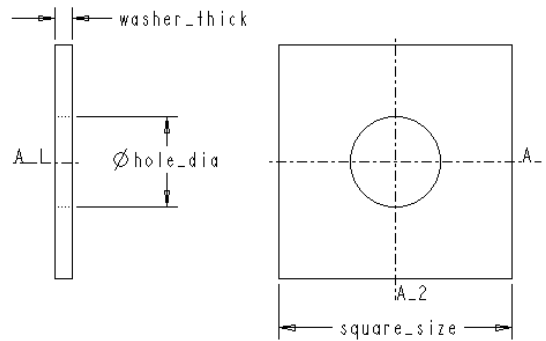
Name	NOMINAL_SIZE	hole_dia	outside_dia	washer_thick
JWPCR01	6.000	6.600	12.500	1.6000
JWPCR02	8.000	9.000	17.000	1.6000
JWPCR03	10.000	11.000	21.000	2.0000
JWPCR04	12.000	14.000	24.000	2.3000
JWPCR05	16.000	18.000	30.000	3.2000
JWPCR06	20.000	22.000	37.000	3.2000
JWPCR07	24.000	26.000	44.000	4.5000
JWPCR08	30.000	33.000	56.000	4.5000
JWPCR09	36.000	39.000	66.000	6.0000
JWPCR10	42.000	45.000	78.000	7.0000
JWPCR11	48.000	52.000	92.000	8.0000
JWPCR12	56.000	62.000	105.000	9.0000
JWPCR13	64.000	70.000	115.000	9.0000
JWPCR14	72.000	78.000	125.000	10.0000
JWPCR15	80.000	86.000	140.000	12.0000
JWPCR16	90.000	96.000	160.000	12.0000
JWPCR17	100.000	107.000	175.000	14.0000
JWPCR18	110.000	117.000	185.000	14.0000

WASHERS

Name	NOMINAL_ SIZE	hole_dia	outside_dia	washer_thick
JWPCR19	125.000	132.000	220.000	16.0000
JWPCR20	140.000	147.000	240.000	18.0000

WASHERS

PLAIN SMALL SQUARE WASHERS



Generic Part Name: JWPSS

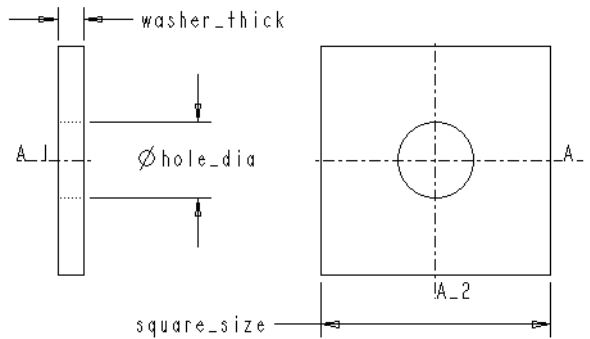
Notes:

1. Corresponds to standard JIS B 1256.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL_SIZE	hole_dia	washer_thick	square_size
JWPSS01	6.0000	6.6000	1.2000	17.0000
JWPSS02	8.0000	9.0000	1.6000	23.0000
JWPSS03	10.0000	11.0000	1.6000	28.0000
JWPSS04	12.0000	14.0000	2.3000	35.0000
JWPSS05	16.0000	18.0000	3.2000	45.0000
JWPSS06	20.0000	22.0000	4.5000	56.0000
JWPSS07	24.0000	26.0000	6.0000	68.0000

WASHERS

PLAIN LARGE SQUARE WASHERS



Generic Part Name: JWPSL

Notes:

1. Corresponds to standard JIS B 1256.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

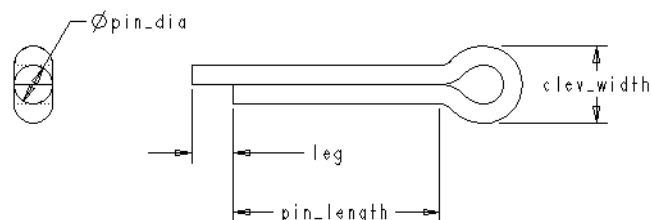
Name	NOMINAL_SIZE	hole_dia	washer_thick	square_size
JWPSL01	6.0000	6.6000	2.3000	20.000
JWPSL02	8.0000	9.0000	2.3000	26.000
JWPSL03	10.0000	11.0000	2.3000	32.000
JWPSL04	12.0000	14.0000	3.2000	40.000
JWPSL05	16.0000	18.0000	4.5000	52.000
JWPSL06	20.0000	22.0000	6.0000	62.000
JWPSL07	24.0000	26.0000	6.0000	72.000
JWPSL08	30.0000	33.0000	6.0000	90.000
JWPSL09	36.0000	39.0000	8.0000	110.000
JWPSL10	42.0000	45.0000	9.0000	120.000
JWPSL11	48.0000	52.0000	12.0000	140.000

SECTION V
PINS

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PINS

SPLIT PINS



Generic Part Name: JPSMS

Notes:

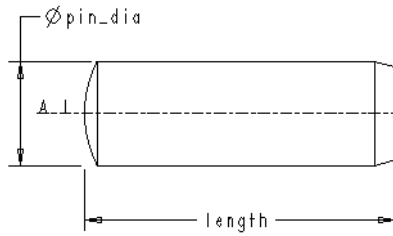
1. Corresponds to standards ISO 2334 - 1976 and JIS B 1351.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”

Name	NOMINAL SIZE	pin_dia	leg	clew_width	pin_length
JPSMS01	0.6000	0.5000	1.6000	1.0000	4, 5, 6, 8, 10, 12
JPSMS02	0.8000	0.7000	1.6000	1.4000	5, 6 to 16 by 2
JPSMS03	1.0000	0.9000	1.6000	1.8000	6 to 20 by 2
JPSMS04	1.2000	1.0000	2.5000	2.0000	8 to 22 by 2, 25
JPSMS05	1.6000	1.4000	2.5000	2.8000	8 to 22 by 2, 25, 28, 32
JPSMS06	2.0000	1.8000	2.5000	3.6000	10 to 22 by 2, 25, 28 to 40 by 4
JPSMS07	2.5000	2.3000	2.5000	4.6000	12 to 22 by 2, 25, 28 to 40 by 4, 45, 50
JPSMS08	3.2000	2.9000	3.2000	5.8000	14 to 22 by 2, 25, 28 to 40 by 4, 45, 50, 56, 63
JPSMS09	4.0000	3.7000	4.0000	7.4000	18, 20, 22, 25, 28, to 40 by 4, 45, 50, 56, 63, 71, 80
JPSMS10	5.0000	4.6000	4.0000	9.2000	22, 25, 28 to 40 by 4, 45, 50, 56, 63, 71, 80, 90, 100

ISO PINS

Name	NOMINAL _SIZE	pin_dia	leg	clev_width	pin_length
JPSMS11	6.3000	5.9000	4.0000	11.8000	32, 36, 40, 45, 50, 56, 63, 71, 80, 90, 100, 112, 125
JPSMS12	8.0000	7.5000	4.0000	15.0000	40, 45, 50, 56, 63, 71, 80, 90, 100, 112, 125, 140, 160
JPSMS13	10.0000	9.5000	6.3000	19.0000	45, 50, 56, 63, 71, 80, 90, 100, 112, 125, 140, 160, 180, 200
JPSMS14	13.0000	12.4000	6.3000	24.8000	71, 80, 90, 100, 112, 125, 140, 160, 180, 200, 224, 250
JPSMS15	16.0000	15.4000	6.3000	30.8000	112, 125, 140, 160, 180, 200, 224, 250, 280
JPSMS16	20.0000	19.3000	6.3000	38.6000	160, 180, 200, 224, 250, 280

PARALLEL PINS, CLASS A



Generic Part Name: JPPUC

Notes:

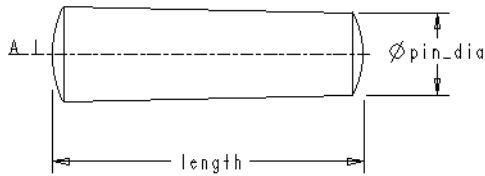
1. Corresponds to standards ISO 2338 - 1986 and JIS B 1354.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	pin_dia	length
JPPUC01	0.6000	2, 3, 4, 5, 6
JPPUC02	0.8000	2, 3, 4, 5, 6, 8
JPPUC03	1.0000	4, 5, 6, 8, 10
JPPUC04	1.2000	4, 5, 6 to 12 by 2
JPPUC05	1.5000	4, 5, 6 to 16 by 2
JPPUC06	2.0000	6 to 20 by 2
JPPUC07	2.5000	6 to 24 by 2
JPPUC08	3.0000	8 to 30 by 2
JPPUC09	4.0000	8 to 32 by 2, 35, 40
JPPUC10	5.0000	10 to 32 by 2, 35 to 50 by 5
JPPUC11	6.0000	12 to 32 by 2, 35 to 60 by 5
JPPUC12	8.0000	14 to 32 by 2, 35 to 80 by 5
JPPUC13	10.0000	18 to 32 by 2, 35 to 95 by 5
JPPUC14	12.0000	22 to 32 by 2, 35 to 95 by 5, 100, 120, 140

ISO PINS

Name	pin_dia	length
JPPUC15	16.0000	26 to 32 by 2, 35 to 95 by 5, 100 to 180 by 20
JPPUC16	20.0000	35 to 95 by 5, 100 to 200 by 20
JPPUC17	25.0000	50 to 95 by 5, 100 to 200 by 20
JPPUC18	30.0000	60 to 95 by 5, 100 to 200 by 20
JPPUC19	40.0000	80 to 95 by 5, 100 to 200 by 20
JPPUC20	50.0000	95, 100 to 200 by 20
JPPUC21	1.6000	4, 5, 6 to 16 by 2
JPPUC22	13.0000	22 to 32 by 2, 35 to 100 by 5, 120, 140

TAPER PINS



Generic Part Name: JPTUC

Notes:

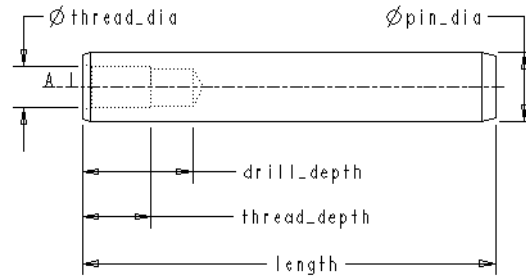
1. Corresponds to standards ISO 2339 - 1986 and JIS B 1352.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	pin_dia	length
JPTUC01	0.6000	4, 5, 6, 8
JPTUC02	0.8000	5, 6, 8, 10, 12
JPTUC03	1.0000	6 to 16 by 2
JPTUC04	1.2000	6 to 20 by 2
JPTUC05	1.5000	8 to 24 by 2
JPTUC06	2.0000	10 to 32 by 2, 35
JPTUC07	2.5000	10 to 32 by 2, 35
JPTUC08	3.0000	12 to 32 by 2, 35, 40, 45
JPTUC09	4.0000	14 to 32 by 2, 35 to 55 by 5
JPTUC10	5.0000	18 to 32 by 2, 35 to 60 by 5
JPTUC11	6000	22 to 32 by 2, 35 to 90 by 5
JPTUC12	8.0000	22 to 32 by 2, 35 to 95 by 5, 100, 120
JPTUC13	10.0000	26 to 32 by 2, 35 to 95 by 5, 100 to 160 by 20
JPTUC14	12.0000	32, 35 to 95 by 5, 100 to 180 by 20

ISO PINS

Name	pin_dia	length
JPTUC15	16.0000	40 to 95 by 5, 100 to 200 by 20
JPTUC16	20.0000	45 to 95 by 5, 100 to 200 by 20
JPTUC17	25.0000	50 to 95 by 5, 100 to 200 by 20
JPTUC18	30.0000	55 to 95 by 5, 100 to 200 by 20
JPTUC19	40.0000	60 to 95 by 5, 100 to 200 by 20
JPTUC20	50.0000	65 to 95 by 5, 100 to 200 by 20

PARALLEL PINS WITH INTERNAL THREAD, CLASS 1



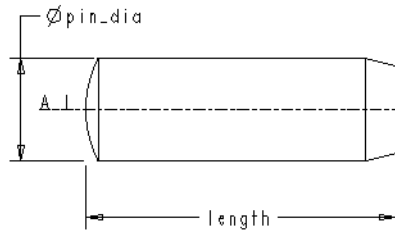
Generic Part Name: JPPUT

Notes:

1. Corresponds to standards ISO 8733 - 1986 and JIS B 1359.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	pin_dia	thread_dia	thread_depth	drill_depth	length
JPPUT01	6.0000	4.0000	6.0000	10.0000	16 to 32 by 2, 35 to 60 by 5
JPPUT02	8.0000	5.0000	8.0000	12.0000	18 to 32 by 2, 35 to 80 by 5
JPPUT03	10.0000	6.0000	10.0000	16.0000	22 to 32 by 2, 35 to 100 by 5
JPPUT04	12.0000	6.0000	12.0000	20.0000	26 to 32 by 2, 35 to 95 by 5, 100, 120
JPPUT05	16.0000	8.0000	16.0000	25.0000	32, 35 to 95 by 5, 100 to 160 by 20
JPPUT06	20.0000	10.0000	18.0000	28.0000	40 to 95 by 5, 100 to 200 by 20
JPPUT07	25.0000	16.0000	24.0000	35.0000	50 to 95 by 5, 100 to 200 by 20
JPPUT08	30.0000	20.0000	30.0000	40.0000	60 to 95 by 5, 100 to 200 by 20
JPPUT09	40.0000	20.0000	30.0000	40.0000	80 to 95 by 5, 100 to 200 by 20
JPPUT10	50.0000	24.0000	36.0000	50.0000	100 to 200 by 20

PARALLEL PINS, HARDENED (DOWEL PINS)



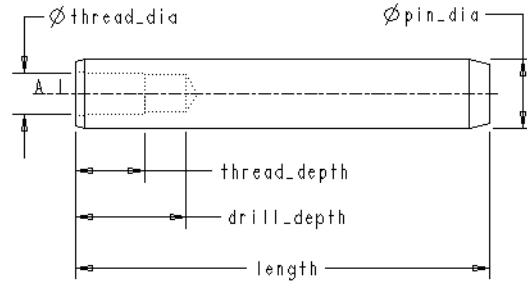
Generic Part Name: JPPHD

Notes:

1. Corresponds to standards ISO 8734 - 1987 and JIS B 1355.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	pin_dia	length
JPPHD01	1.0000	3, 4, 5, 6, 8, 10
JPPHD02	1.5000	4, 5, 6 to 16 by 2
JPPHD03	2.0000	5, 6 to 20 by 2
JPPHD04	2.5000	6 to 24 by 2
JPPHD05	3.0000	8 to 30 by 2
JPPHD06	4.0000	10 to 32 by 2 35, 40
JPPHD07	5.0000	12 to 32 by 2, 35 to 50 by 5
JPPHD08	6.0000	14 to 32 by 2, 35 to 60 by 5
JPPHD09	8.0000	18 to 32 by 2, 35 to 80 by 5
JPPHD10	10.0000	22 to 32 by 2, 35 to 100 by 5
JPPHD11	12.0000	26 to 32 by 2, 35 to 100 by 5
JPPHD12	16.0000	40 to 100 by 5
JPPHD13	20.0000	50 to 100 by 5

PARALLEL PINS WITH INTERNAL THREAD, CLASS 2B



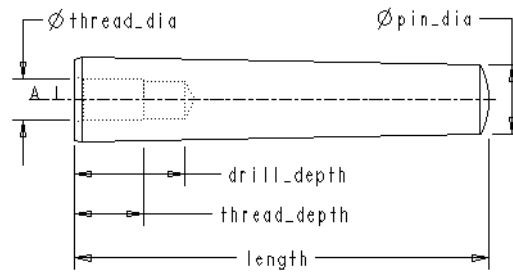
Generic Part Name: JPPHT

Notes:

1. Corresponds to standards ISO 8735 - 1986 and JIS B 1359.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	pin_dia	thread_dia	thread_depth	drill_depth	length
JPPHT01	6.0000	4.0000	6.0000	10.0000	16 to 32 by 2, 35 to 60 by 5
JPPHT02	8.0000	5.0000	8.0000	12.0000	18 to 32 by 2, 35 to 80 by 5
JPPHT03	10.0000	6.0000	10.0000	16.0000	22 to 32 by 2, 35 to 100 by 5
JPPHT04	12.0000	6.0000	12.0000	20.0000	26 to 32 by 2, 35 to 100 by 5, 120
JPPHT05	16.0000	8.0000	16.0000	25.0000	32, 35 to 95 by 5, 100 to 160 by 20
JPPHT06	20.0000	10.0000	18.0000	28.0000	40 to 95 by 5, 100 to 200 by 20
JPPHT07	25.0000	16.0000	24.0000	35.0000	50 to 95 by 5, 100 to 200 by 20
JPPHT08	30.0000	20.0000	30.0000	40.0000	60 to 95 by 5, 100 to 200 by 20
JPPHT09	40.0000	20.0000	30.0000	40.0000	80 to 95 by 5, 100 to 200 by 20
JPPHT10	50.0000	24.0000	36.0000	50.0000	100 to 200 by 20

TAPER PINS WITH INTERNAL THREAD, CLASS A & B



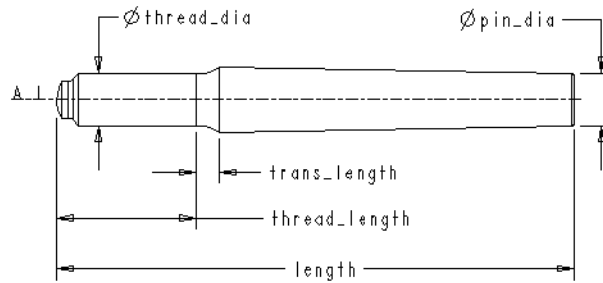
Generic Part Name: JPTUT

Notes:

1. Corresponds to standards ISO 8736 - 1986 and JIS B 1358.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	pin_dia	thread_dia	thread_depth	drill_depth	length
JPTUT01	6.0000	4.0000	6.0000	10.0000	16 to 32 by 2, 35 to 60 by 5
JPTUT02	8.0000	5.0000	8.0000	12.0000	18 to 32 by 2, 35 to 80 by 5
JPTUT03	10.0000	6.0000	10.0000	16.0000	22 to 32 by 2, 35 to 100 by 5
JPTUT04	12.0000	6.0000	12.0000	20.0000	26 to 32 by 2, 35 to 100 by 5, 120
JPTUT05	16.0000	8.0000	16.0000	25.0000	32, 35 to 95 by 5, 100 to 160 by 20
JPTUT06	20.0000	10.0000	18.0000	28.0000	40 to 95 by 5, 100 to 200 by 20
JPTUT07	25.0000	16.0000	24.0000	35.0000	50 to 95 by 5, 100 to 200 by 20
JPTUT08	30.0000	20.0000	30.0000	40.0000	60 to 95 by 5, 100 to 200 by 20
JPTUT09	40.0000	20.0000	30.0000	40.0000	80 to 95 by 5, 100 to 200 by 20
JPTUT10	50.0000	24.0000	36.0000	50.0000	100 to 200 by 20

TAPER PINS WITH EXTERNAL THREAD



Generic Part Name: JPTET

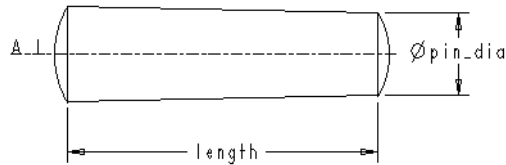
Notes:

1. Corresponds to standards ISO 8737 - 1986 and JIS B 1358.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	pin_dia	trans_length	thread_length	thread_dia	length
JPTET01	5.0000	2.4000	15.6000	5.0000	40, 45, 50
JPTET02	6.0000	3.0000	20.0000	6.0000	45 to 60 by 5
JPTET03	8.0000	4.0000	24.5000	8.0000	55 to 75 by 5
JPTET04	10.0000	4.5000	27.0000	10.0000	65, 75, 85, 100
JPTET05	12.0000	5.3000	30.5000	12.0000	85, 100, 120
JPTET06	16.0000	6.0000	39.0000	16.0000	100 to 160 by 20
JPTET07	20.0000	6.0000	39.0000	16.0000	120, 140, 160, 190
JPTET08	25.0000	7.5000	45.0000	20.0000	140, 160 to 250 by 30
JPTET09	30.0000	9.0000	52.0000	24.0000	160 to 280 by 30
JPTET10	40.0000	10.5000	65.0000	30.0000	190, 220, 250, 280, 320
JPTET11	50.0000	12.0000	78.0000	36.0000	220, 250, 280 to 400 by 40

NON-ISO PINS

TAPER PINS



Generic Part Name: JPNIT

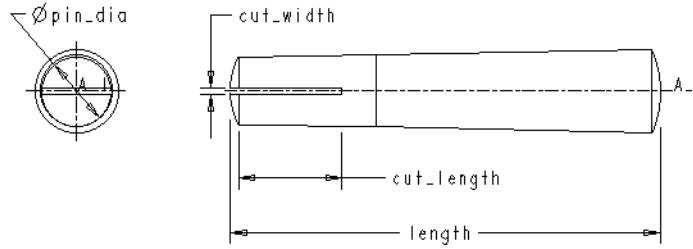
Notes:

1. Corresponds to standard JIS B 1352.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	pin_dia	length
JPNIT01	0.6000	4, 5, 6, 8, 10
JPNIT02	0.8000	5, 6 to 14 by 2
JPNIT03	1.0000	6 to 16 by 2
JPNIT04	1.2000	8 to 18 by 2
JPNIT05	1.6000	10 to 22 by 2, 25
JPNIT06	2.0000	12 to 22 by 2, 25, 28, 30, 32, 35
JPNIT07	2.5000	14 to 22 by 2, 25, 28, 32, 36
JPNIT08	3.0000	16 to 22 by 2, 25, 28, 32, 36, 40, 45, 50
JPNIT09	4.0000	18, 20, 22, 25, 28, 32, 36, 40, 45, 50, 56, 63
JPNIT10	5.0000	25, 28, 32, 36, 40, 45, 50, 56, 63, 70
JPNIT11	6.0000	28, 32, 36, 40, 45, 50, 56, 63, 70, 80
JPNIT12	8.0000	36, 40, 45, 50, 56, 63, 70, 80, 90, 100, 110, 125
JPNIT13	10.0000	45, 50, 56, 63, 70, 80, 90, 100, 110, 125, 140
JPNIT14	13.0000	56, 63, 70, 80, 90, 100, 110, 125, 140, 160
JPNIT15	16.0000	70, 80, 90, 100, 110, 125, 140, 160, 180, 200
JPNIT16	20.0000	80, 90, 100, 110, 125, 140, 160, 180, 200, 225
JPNIT17	25.0000	100, 110, 125, 140, 160, 180, 200, 225, 250
JPNIT18	30.0000	100, 110, 125, 140, 160, 180, 200, 225, 250, 280
JPNIT19	40.0000	100, 110, 125, 140, 160, 180, 200, 225, 250, 280
JPNIT20	50.0000	100, 110, 125, 140, 160, 180, 200, 225, 250, 280

NON-ISO PINS

TAPER PINS WITH SPLIT



Generic Part Name: JPNIS

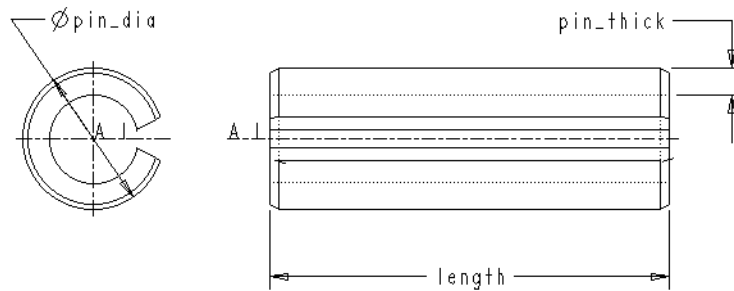
Notes:

1. Corresponds to standard JIS B 1353.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	pin_dia	cut_length	cut_width	length
JPNIS01	2.0000	3.0000	0.4000	10 to 32 by 2, 35
JPNIS02	2.5000	3.5000	0.4000	10 to 32 by 2, 35
JPNIS03	3.0000	4.5000	0.6000	12 to 32 by 2, 35 to 45 by 5
JPNIS04	4.0000	6.0000	0.6000	14 to 32 by 2, 35 to 55 by 5
JPNIS05	5.0000	7.5000	0.6000	18 to 32 by 2, 35 to 60 by 5
JPNIS06	6.0000	9.0000	0.8000	22 to 32 by 2, 35 to 90 by 5
JPNIS07	8.0000	12.0000	0.8000	22 to 32 by 2, 35 to 100 by 5, 120
JPNIS08	10.0000	15.0000	1.0000	26 to 32 by 2, 35 to 100 by 5, 120 to 160 by 20
JPNIS09	12.0000	18.0000	1.0000	32, 35 to 100 by 5, 120 to 180 by 20
JPNIS10	16.0000	24.0000	1.0000	40 to 100 by 5, 120 to 200 by 20
JPNIS11	20.0000	30.0000	1.6000	50 to 100 by 5, 120 to 200 by 20

NON-ISO PINS

SPRING-TYPE STRAIGHT PINS, SLOTTED



Generic Part Name: JPSSS

Notes:

1. Corresponds to standard JIS B 2808.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

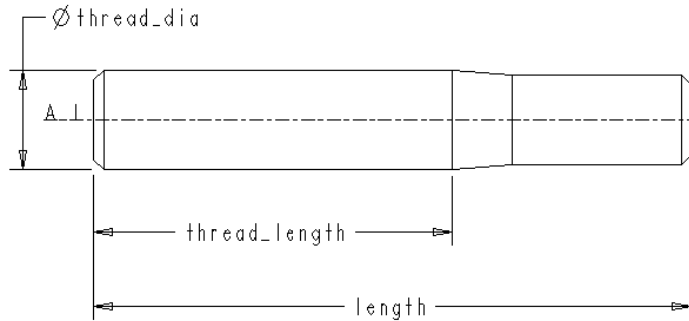
Name	NOMINAL _SIZE	pin_dia	pin_thick	length
JPSSS01	1.0000	1.2000	0.20000	4, 5, 6, 8, 10
JPSSS02	1.2000	1.4000	0.25000	4, 5, 6 to 12 by 2
JPSSS03	1.4000	1.6000	0.28000	4, 5, 6 to 14 by 2
JPSSS04	1.5000	1.7000	0.30000	4, 5, 6 to 14 by 2
JPSSS05	1.6000	1.8000	0.30000	4, 5, 6 to 16 by 2
JPSSS06	2.0000	2.2500	0.40000	5, 6 to 20 by 2
JPSSS07	2.5000	2.7500	0.50000	5, 6 to 22 by 2, 25
JPSSS08	3.0000	3.2500	0.60000	6 to 22 by 2, 25, 28, 32
JPSSS09	4.0000	4.4000	0.80000	8 to 22 by 2, 25, 28 to 40 by 4
JPSSS10	5.0000	5.4000	1.00000	10 to 22 by 2, 25, 28 to 40 by 4, 45, 50
JPSSS11	6.0000	6.4000	1.20000	12 to 22 by 2, 25, 28 to 40 by 4, 45, 50, 56, 63
JPSSS12	8.0000	8.6000	1.60000	16 to 22 by 2, 25, 28 to 40 by 4, 45, 50, 56, 63, 70, 80
JPSSS13	10.0000	10.6000	2.00000	18, 20, 22, 25, 28 to 40 by 4, 45, 50, 56, 63, 70, 80, 90, 100
JPSSS14	13.0000	13.7000	2.50000	22, 25, 28 to 40 by 4, 45, 50, 56, 63, 70, 80, 90, 100, 110, 125, 140

SECTION VI
STUDS

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STUDS

THREADED STUDS



Generic Part Name: JTHST

Notes:

1. Corresponds to standard JIS B 1197.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	NOMINAL_ DIA_THR_ PITCH	thread_dia	length	thread_length
JTHST01	M10X1.5	10.0000	30 to 100 by 10	17, 26
JTHST02	M12X1.75	12.0000	40 to 100 by 10	26.5, 30
JTHST03	M16X2	16.0000	40 to 100 by 10	26, 36, 38
JTHST04	M20X2.5	20.0000	50 to 100 by 10	35, 45, 46

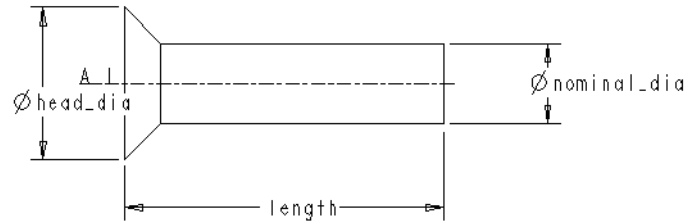
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SECTION VII
RIVETS

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RIVETS

COUNTERSUNK HEAD RIVETS



Generic Part Name: JRCCS

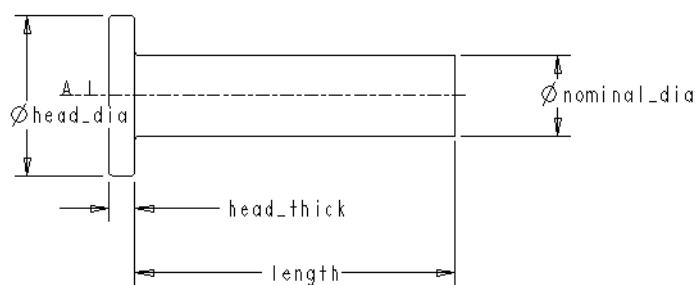
Notes:

1. Corresponds to standard JIS B 1213 - 1978.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	nominal_dia	head_dia	length
JRCCS01	1.0000	2.0000	1.5 to 2.5 by .5, 3 to 10 by 1
JRCCS02	1.2000	2.4000	2, 2.5, 3 to 10 by 1
JRCCS03	1.6000	3.2000	2.5, 3 to 14 by 1
JRCCS04	2.0000	4.0000	3 to 14 by 1
JRCCS05	2.5000	5.0000	4 to 16 by 1, 18
JRCCS06	3.0000	6.0000	5 to 15 by 1, 16, 18, 20
JRCCS07	4.0000	8.0000	6 to 15 by 1, 16 to 24 by 2
JRCCS08	5.0000	10.0000	8 to 15 by 1, 16 to 30 by 2
JRCCS09	6.0000	12.0000	9 to 15 by 1, 16 to 36 by 2
JRCCS10	8.0000	16.0000	10 to 15 by 1, 16 to 40 by 2
JRCCS11	10.0000	16.0000	14, 15, 16 to 42 by 2, 45, 48, 50
JRCCS12	12.0000	19.0000	16 to 42 by 2, 45, 48, 50, 52, 55, 58

COLD HEADED RIVETS

FLAT HEAD RIVETS



Generic Part Name: JRCFH

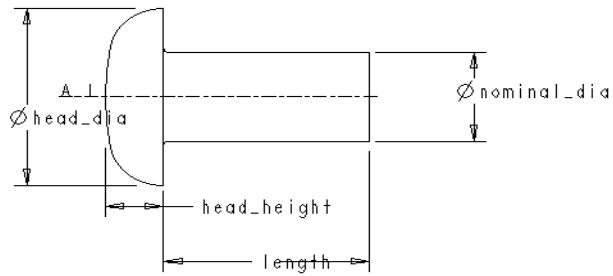
Notes:

1. Corresponds to standard JIS B 1213 - 1978.
2. When a range of lengths is indicated, the range is expressed as "from to incremented by".

Name	nominal_dia	head_dia	head_thick	length
JRCFH01	2.00000	4.0000	0.70000	2, 2,5, 3 to 14 by 1
JRCFH02	2.50000	5.0000	0.90000	3 to 15 by 1, 16, 18
JRCFH03	3.00000	6.0000	1.00000	3 to 15 by 1, 16, 18, 20
JRCFH04	4.00000	8.0000	1.30000	4 to 15 by 1, 16 to 24 by 2
JRCFH05	5.00000	10.0000	1.60000	5 to 15 by 1, 16 to 30 by 2
JRCFH06	6.00000	12.0000	2.00000	6 to 15 by 1, 16 to 36 by 2

COLD HEADED RIVETS

PAN HEAD RIVETS



Generic Part Name: JRCPH

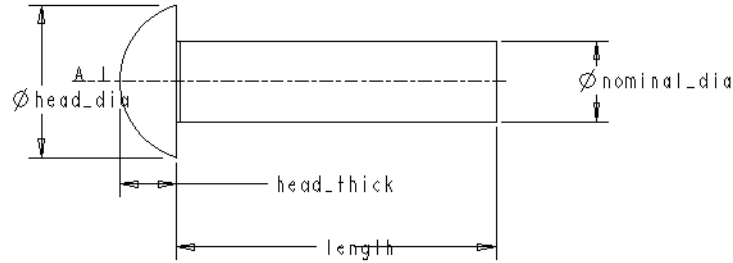
Notes:

1. Corresponds to standard JIS B 1213 - 1978.
2. When a range of lengths is indicated, the range is expressed as "from to incremented by".

Name	nominal_dia	head_height	head_dia	length
JRCPH01	3.00000	1.70000	6.0000	3 to 15 by 1, 16, 18, 20
JRCPH02	4.00000	2.20000	8.0000	4 to 15 by 1, 16 to 24 by 2
JRCPH03	5.00000	2.80000	9.5000	5 to 15 by 1, 16 to 30 by 2
JRCPH04	6.00000	3.30000	10.8000	6 to 15 by 1, 16 to 36 by 2

COLD HEADED RIVETS

SNAP HEAD RIVETS



Generic Part Name: JRCSN

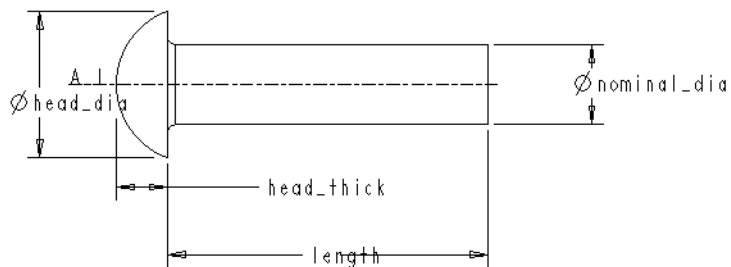
Notes:

1. Corresponds to standard JIS B 1213 - 1978.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	nominal_dia	head_dia	head_thick	length
JRCSN01	3.0000	5.7000	2.1000	3 to 15 by 1, 16, 18, 20
JRCSN02	4.0000	7.2000	2.8000	4 to 15 by 1, 16 to 24 by 2
JRCSN03	5.0000	9.0000	3.5000	5 to 15 by 1, 16 to 30 by 2
JRCSN04	6.0000	10.0000	4.2000	6 to 15 by 1, 16 to 36 by 2
JRCSN05	8.0000	13.3000	5.6000	8 to 15 by 1, 16 to 40 by 2
JRCSN06	10.0000	16.0000	7.0000	10 to 15 by 1, 16 to 42 by 2, 45, 48, 50
JRCSN07	12.0000	19.0000	8.0000	12 to 15 by 1, 16 to 42 by 2, 45, 48, 50, 52, 55, 58, 60
JRCSN08	16.0000	26.0000	11.0000	18 to 42 by 2, 45, 48, 50, 52, 55, 58, 60, 62, 65, 68, 70, 72, 75, 80
JRCSN09	20.0000	32.0000	14.0000	24 to 42 by 2, 45, 48, 50, 52, 55, 58, 60, 62, 65, 68, 70, 72, 75 to 110 by 5

COLD HEADED RIVETS

SMALL SIZE SNAP HEAD RIVETS



Generic Part Name: JRCSS

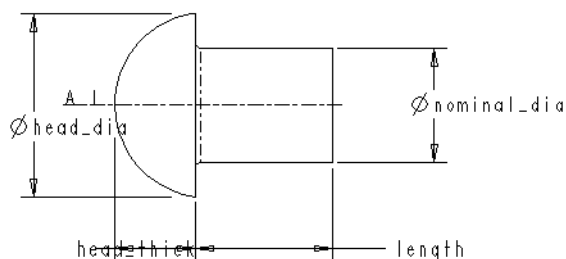
Notes:

1. Corresponds to standard JIS B 1213 - 1978.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	nominal_dia	head_dia	head_thick	length
JRCSS01	1.00000	1.80000	0.60000	1 to 2.5 by .5, 3 to 10 by 1
JRCSS02	1.20000	2.20000	0.70000	1.5, 2, 2.5, 3 to 10 by 1
JRCSS03	1.60000	3.00000	1.00000	2, 2.5, 3 to 14 by 1
JRCSS04	2.00000	3.50000	1.20000	2, 2.5, 3 to 14 by 1
JRCSS05	2.50000	4.50000	1.60000	3 to 15 by 1, 16, 18, 20
JRCSS06	3.00000	5.20000	1.80000	3 to 15 by 1, 16, 18, 20
JRCSS07	4.00000	7.00000	2.40000	4 to 15 by 1, 16 to 24 by 2
JRCSS08	5.00000	8.80000	3.00000	5 to 15 by 1, 16 to 30 by 2

HOT HEADED RIVETS

ROUND HEAD RIVETS



Generic Part Name: JRHRH

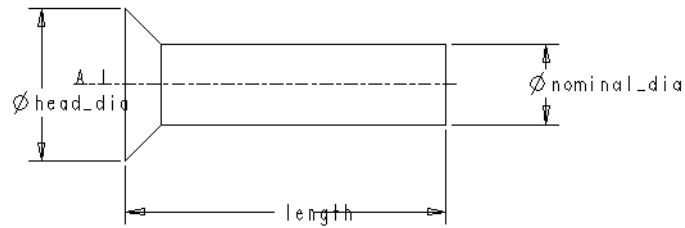
Notes:

1. Corresponds to standard JIS B 1214 - 1978.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	nominal_dia	head_dia	head_thick	length
JRHRH01	10.0000	16.0000	7.0000	10 to 42 by 2, 45, 48, 50
JRHRH02	12.0000	19.0000	8.0000	12 to 42 by 2, 45, 48, 50, 52, 55, 58, 60
JRHRH03	16.0000	26.0000	11.0000	18 to 42 by 2, 45, 48, 50, 52, 55, 58, 60, 62, 65, 68, 70, 72, 75, 80
JRHRH04	20.0000	32.0000	14.0000	24 to 42 by 2, 45, 48, 50, 52, 55, 58, 60, 62, 65, 68, 70, 72, 75 to 110 by 5
JRHRH05	24.0000	38.0000	17.0000	32 to 42 by 2, 45, 48, 50, 52, 55, 58, 60, 62, 65, 68, 70, 72, 75 to 130 by 5
JRHRH06	30.0000	48.0000	21.0000	40, 42, 45, 48, 50, 52, 55, 58, 60, 62, 65, 68, 70, 72, 75 to 150 by 5
JRHRH07	36.0000	58.0000	25.0000	50, 52, 55, 58, 60, 62, 65, 68, 70, 72, 75 to 180 by 5

HOT HEADED RIVETS

COUNTERSUNK RIVETS



Generic Part Name: JRHCS

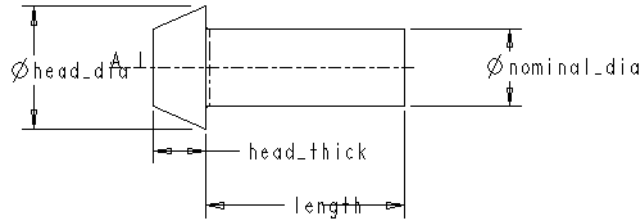
Notes:

1. Corresponds to standard JIS B 1214 - 1978.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	nominal_dia	head_dia	length
JRHCS01	10.0000	16.0000	14 to 42 by 2, 45, 48, 50
JRHCS02	12.0000	19.0000	16 to 42 by 2, 45, 48, 50, 52, 55, 58, 60
JRHCS03	16.0000	25.0000	22 to 42 by 2, 45, 48, 50, 52, 55, 58, 60, 62, 65, 68, 70, 72, 75, 80
JRHCS04	20.0000	32.0000	28 to 42 by 2, 45, 48, 50, 52, 55, 58, 60, 62, 65, 68, 70, 72, 75 to 110 by 5
JRHCS05	24.0000	38.0000	32 to 42 by 2, 45, 48, 50, 52, 55, 58, 60, 62, 65, 68, 70, 72, 75 to 125 by 5
JRHCS06	30.0000	42.5000	40, 42, 45, 48, 50, 52, 55, 58, 60, 62, 65, 68, 70, 72, 75 to 150 by 5
JRHCS07	36.0000	51.0000	48, 50, 52, 55, 58, 60, 62, 65, 68, 70, 72, 75 to 180 by 5

HOT HEADED RIVETS

CHEESE HEAD RIVETS



Generic Part Name: JRHCH

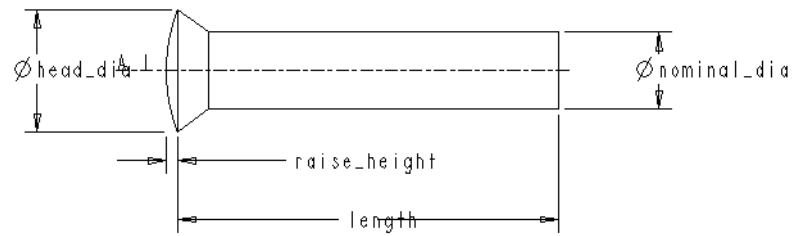
Notes:

1. Corresponds to standard JIS B 1214 - 1978.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	nominal_dia	head_dia	head_thick	length
JRHCH01	10.0000	16.0000	7.0000	10 to 42 by 2, 45, 48, 50
JRHCH02	12.0000	19.0000	8.0000	12 to 42 by 2, 45, 48, 50, 52, 55, 58, 60
JRHCH03	16.0000	26.0000	11.0000	18 to 42 by 2, 45, 48, 50, 52, 55, 58, 60, 62, 65, 68, 70, 72, 75, 80
JRHCH04	20.0000	32.0000	14.0000	24 to 42 by 2, 45, 48, 50, 52, 55, 58, 60, 62, 65, 68, 70, 72, 75 to 110 by 5
JRHCH05	24.0000	38.0000	17.0000	32 to 42 by 2, 45, 48, 50, 52, 55, 58, 60, 62, 65, 68, 70, 72, 75 to 130 by 5
JRHCH06	30.0000	48.0000	21.0000	40, 42, 45, 48, 50, 52, 55, 58, 60, 62, 65, 70, 72, 75 to 150 by 5
JRHCH07	36.0000	58.0000	25.0000	50, 52, 55, 58, 60, 62, 65, 68, 70, 72, 75 to 180 by 5

HOT HEADED RIVETS

RAISED COUNTERSUNK RIVETS



Generic Part Name: JRHRC

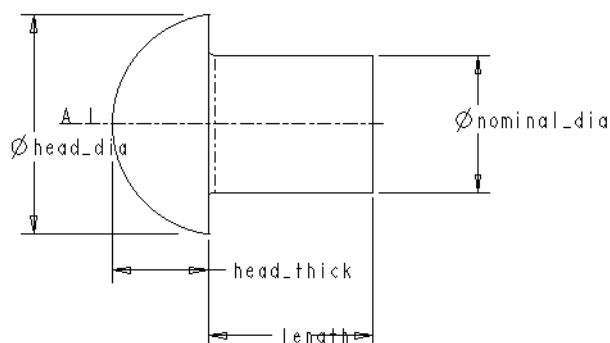
Notes:

1. Corresponds to standard JIS B 1214 - 1978.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	nominal_dia	head_dia	raise_height	length
JRHRC01	10.0000	16.0000	1.50000	10 to 42 by 2, 45, 48, 40
JRHRC02	12.0000	19.0000	2.00000	12 to 42 by 2, 45, 48, 50, 52, 55, 58, 60
JRHRC03	16.0000	25.0000	2.50000	18 to 42 by 2, 45, 48, 50, 52, 55, 58, 60, 62, 65, 68, 70, 72, 75, 80
JRHRC04	20.0000	32.0000	3.00000	24 to 42 by 2, 45, 48, 50, 52, 55, 58, 60, 62, 65, 68, 70, 72, 75 to 110 by 5
JRHRC05	24.0000	38.0000	3.50000	32 to 42 by 2, 45, 48, 50, 52, 55, 58, 60, 62, 65, 68, 70, 72, 75 to 130 by 5
JRHRC06	30.0000	42.5000	4.50000	40, 42, 45, 48, 50, 52, 55, 58, 60, 62, 65, 68, 70, 72, 75 to 150 by 5
JRHRC07	36.0000	51.0000	5.50000	50, 52, 55, 58, 60, 62, 65, 70, 72, 75 to 180 by 5

HOT HEADED RIVETS

ROUND HEAD RIVETS FOR BOILER



Generic Part Name: JRHRB

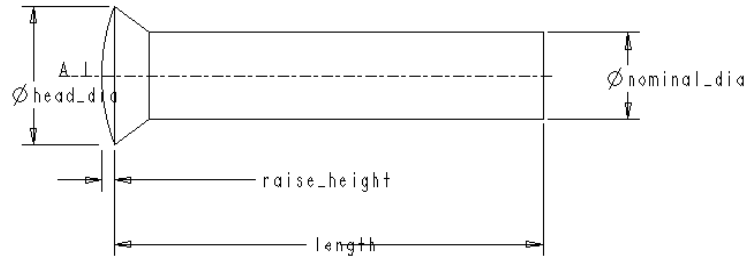
Notes:

1. Corresponds to standard JIS B 1214 - 1978.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	nominal_dia	head_dia	head_thick	length
JRHRB01	10.0000	17.0000	7.0000	10 to 42 by 2, 45, 48, 50
JRHRB02	12.0000	20.0000	8.0000	12 to 42 by 2, 45, 48, 50, 52, 55, 58, 60
JRHRB03	16.0000	27.0000	11.0000	18 to 42 by 2, 45, 48, 50, 52, 55, 58, 60, 62, 65, 68, 70, 72, 75, 80
JRHRB04	20.0000	34.0000	14.0000	24 to 42 by 2, 45, 48, 50, 52, 55, 58, 60, 62, 65, 68, 70, 72, 75 to 110 by 5
JRHRB05	24.0000	41.0000	17.0000	32 to 42 by 2, 45, 48, 50, 52, 55, 58, 60, 62, 65, 68, 70, 72, 75 to 130 by 5
JRHRB06	30.0000	51.0000	21.0000	40, 42, 45, 48, 50, 52, 55, 58, 60, 62, 65, 68, 70, 72, 75 to 150 by 5
JRHRB07	36.0000	61.0000	25.0000	50, 52, 55, 58, 60, 62, 65, 68, 70, 72, 75 to 180 by 5

HOT HEADED RIVETS

RAISED COUNTERSUNK RIVETS FOR SHIP



Generic Part Name: JRHRS

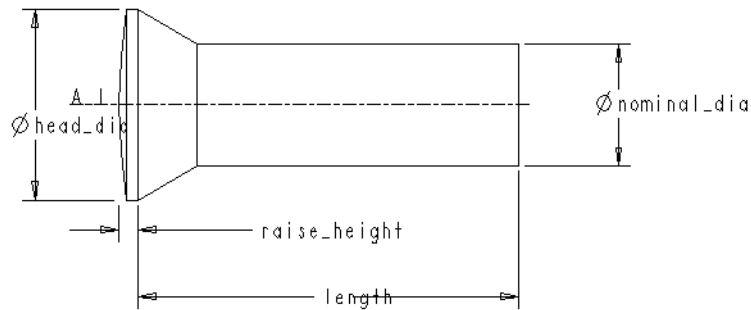
Notes:

1. Corresponds to standard JIS B 1214 - 1978.
2. When a range of lengths is indicated, the range is expressed as "from to incremented by".

Name	nominal_dia	head_dia	raise_height	length
JRHRS01	10.0000	16.0000	1.50000	12 to 42 by 2, 45, 48, 50
JRHRS02	12.0000	19.0000	2.00000	14 to 42 by 2, 45, 48, 50, 52, 55, 58
JRHRS03	16.0000	25.5000	2.00000	20 to 42 by 2, 45, 48, 50, 52, 55, 58, 60, 62, 65, 68, 70, 72, 75, 80
JRHRS04	20.0000	32.0000	3.00000	26 to 42 by 2, 45, 48, 50, 52, 55, 58, 60, 62, 65, 68, 70, 72, 75 to 110 by 5
JRHRS05	24.0000	38.0000	3.00000	34 to 42 by 2, 45, 48, 50, 52, 55, 58, 60, 62, 65, 68, 70, 72, 75 to 125 by 5
JRHRS06	30.0000	45.0000	3.00000	40, 42, 45, 48, 50, 52, 55, 58, 60, 62, 65, 68, 70, 72, 75 to 150 by 5
JRHRS07	36.0000	54.0000	3.00000	50, 52, 55, 58, 60, 62, 65, 68, 70, 72, 75 to 180 by 5

HOT HEADED RIVETS

RAISED COUNTERSUNK RIVET FOR BOILER



Generic Part Name: JRHBR

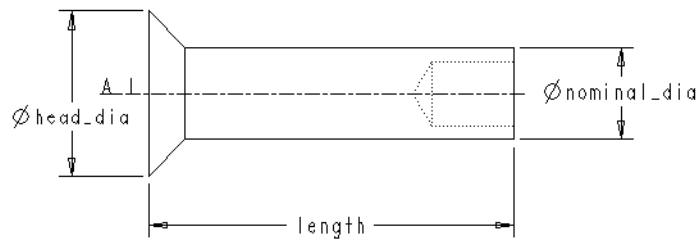
Notes:

1. Corresponds to standard JIS B 1214 - 1978.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	nominal_dia	head_dia	raise_height	length
JRHBR01	10.0000	15.5000	1.50000	10 to 42 by 2, 45, 48, 50
JRHBR02	12.0000	18.0000	2.00000	12 to 42 by 2, 45, 48, 50, 52, 55, 58, 60
JRHBR03	16.0000	25.0000	2.50000	18 to 42 by 2, 45, 48, 50, 52, 55, 58, 60, 62, 65, 68, 70, 72, 75, 80
JRHBR04	20.0000	32.0000	3.00000	24 to 42 by 2, 45, 48, 50, 52, 55, 58, 60, 62, 65, 68, 70, 72, 75 to 110 by 5
JRHBR05	24.0000	38.0000	3.50000	32 to 42 by 2, 45, 48, 50, 52, 55, 58, 60, 62, 65, 68, 70, 72, 75 to 130 by 5
JRHBR06	30.0000	42.5000	4.50000	40, 42, 45, 48, 50, 52, 55, 58, 60, 62, 65, 68, 70, 72, 75 to 150 by 5
JRHBR07	36.0000	51.0000	5.50000	50, 52, 55, 58, 60, 62, 65, 68, 70, 72, 75 to 180 by 5

SEMI-TUBULAR RIVETS

COUNTERSUNK HEAD RIVETS



Generic Part Name: JRTCH

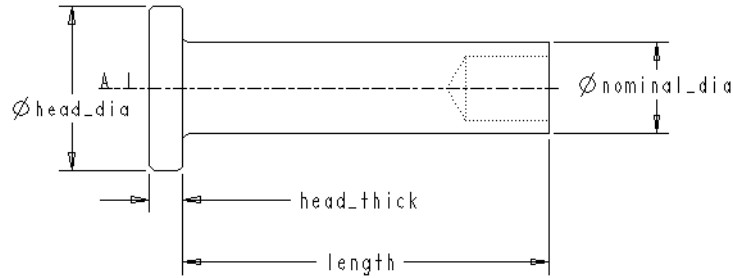
Notes:

1. Corresponds to standard JIS B 1215 - 1978.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	nominal_dia	head_dia	length
JRTCH01	2.00000	4.0000	3 to 14 by .5
JRTCH02	2.50000	5.0000	3 to 20 by .5
JRTCH03	3.00000	6.0000	3.5 to 22 by .5
JRTCH04	4.00000	8.0000	4.5 to 28 by .5
JRTCH05	5.00000	10.0000	6 to 36 by 1
JRTCH06	6.00000	12.0000	8 to 42 by 1
JRTCH07	8.00000	16.0000	10 to 56 by 1

SEMI-TUBULAR RIVETS

FLAT HEAD RIVETS



Generic Part Name: JRTFH

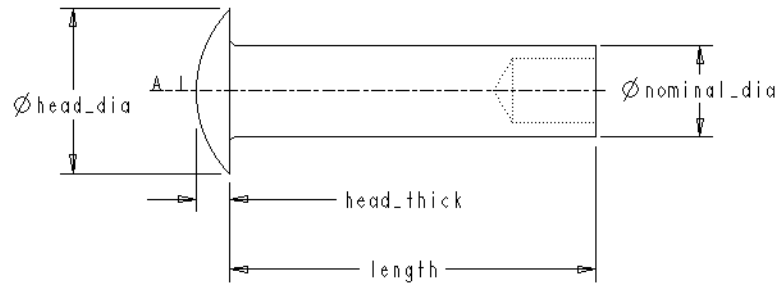
Notes:

1. Corresponds to standard JIS B 1215 - 1978.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	nominal_dia	head_dia	head_thick	length
JRTFH01	1.20000	2.2000	0.30000	2 to 10 by .5
JRTFH02	1.60000	3.0000	0.40000	2.5 to 14 by .5
JRTFH03	2.00000	3.7000	0.60000	3 to 14 by .5
JRTFH04	2.50000	4.6000	0.90000	3 to 20 by .5
JRTFH05	3.00000	5.4000	1.10000	3.5 to 22 by .5
JRTFH06	4.00000	7.2000	1.40000	4.5 to 28 by .5
JRTFH07	5.00000	9.0000	1.80000	6 to 36 by 1
JRTFH08	6.00000	10.5000	2.10000	8 to 42 by 1
JRTFH09	8.00000	13.5000	2.80000	10 to 56 by 1

SEMI-TUBULAR RIVETS

THIN ROUND HEAD RIVETS



Generic Part Name: JRTHR

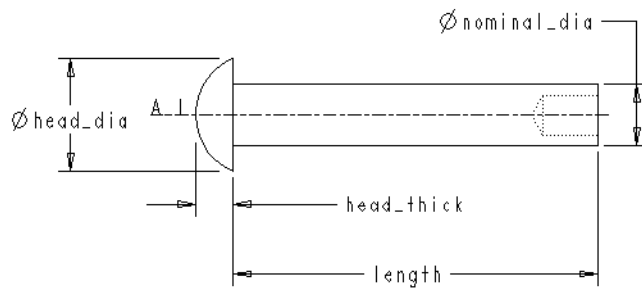
Notes:

1. Corresponds to standard JIS B 1215 - 1978.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	nominal_dia	head_dia	head_thick	length
JRTHR01	1.20000	2.2000	0.30000	2 to 10 by .5
JRTHR02	1.60000	3.0000	0.40000	2.5 to 14 by .5
JRTHR03	2.00000	3.7000	0.60000	3 to 14 by .5
JRTHR04	2.50000	4.6000	0.90000	3 to 20 by .5
JRTHR05	3.00000	5.4000	1.10000	3.5 to 22 by .5
JRTHR06	4.00000	7.2000	1.40000	4.5 to 28 by .5
JRTHR07	5.00000	9.0000	1.80000	6 to 36 by 1
JRTHR08	6.00000	10.5000	2.10000	8 to 42 by 1
JRTHR09	8.00000	13.5000	2.80000	10 to 56 by 1

SEMI-TUBULAR RIVETS

ROUND HEAD RIVETS



Generic Part Name: JRTRH

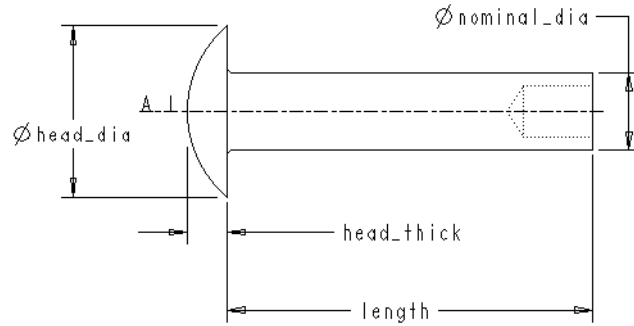
Notes:

1. Corresponds to standard JIS B 1215 - 1978.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	nominal_dia	head_dia	head_thick	length
JRTRH01	1.20000	2.2000	0.70000	2 to 10 by .5
JRTRH02	1.60000	3.0000	1.00000	2.5 to 14 by .5
JRTRH03	2.00000	3.7000	1.20000	3 to 14 by .5
JRTRH04	2.50000	4.6000	1.50000	3 to 20 by .5
JRTRH05	3.00000	5.4000	1.80000	3.5 to 22 by .5
JRTRH06	4.00000	7.2000	2.40000	4.5 to 28 by .5
JRTRH07	5.00000	9.0000	3.00000	6 to 36 by 1
JRTRH08	6.00000	10.5000	3.60000	8 to 42 by 1
JRTRH09	8.00000	13.5000	4.80000	10 to 56 by 1

SEMI-TUBULAR RIVETS

TRUSS HEAD RIVETS



Generic Part Name: JRTTH

Notes:

1. Corresponds to standard JIS B 1215 - 1978.
2. When a range of lengths is indicated, the range is expressed as “from to incremented by”.

Name	nominal_dia	head_dia	head_thick	length
JRTTH01	1.20000	2.7000	0.50000	2 to 10 by .5
JRTTH02	1.60000	3.6000	0.70000	2.5 to 14 by .5
JRTTH03	2.00000	4.5000	1.00000	3 to 14 by .5
JRTTH04	2.50000	5.6000	1.30000	3 to 20 by .5
JRTTH05	3.00000	6.6000	1.40000	3.5 to 22 by .5
JRTTH06	4.00000	8.8000	1.80000	4.5 to 28 by .5
JRTTH07	5.00000	11.0000	2.40000	6 to 36 by 1
JRTTH08	6.00000	13.0000	2.80000	8 to 42 by 1
JRTTH09	8.00000	17.0000	3.80000	10 to 56 by 1

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