

## D05B

**SEWING (appliances for the tailoring trade A41H; sewing tables A47B29/00; sewing in bookbinding B42B2/00; sewing machines modified for knitting D04B39/08)**

### Definition statement

*This subclass/group covers:*

Sewing apparatus or machines

Sewing processes dependent on their use

The thread seams produced thereby

### References relevant to classification in this subclass

*This subclass/group does not cover:*

Details of garments (e.g. stitches) or of their making	<a href="#">A41D 27/00</a>
Sewing tables (as furniture)	<a href="#">A47B 29/00</a>
Permanently attaching together sheets, quires or signatures by stitching with filamentary material, e.g. textile thread (i.e. sewing in bookbinding)	<a href="#">B42B 2/00</a>
Sewing machines modified for knitting	<a href="#">D04B 39/08</a>

### Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Embroidering and tufting	<a href="#">D05C</a>
Making non-wovens	<a href="#">D04H</a>

### Special rules of classification within this subclass

The classification in [D05B](#) is desirably complemented by a classification in the indexing scheme relating to sewing, embroidering and tufting

Selection of machines, accessories or parts of the same kind [D05D 2203/00](#)

Interface between the operator and the machine [D05D 2205/00](#)

Use of special elements [D05D 2207/00](#)

Use of special materials [D05D 2209/00](#)

Applied objects or articles [D05D 2303/00](#)

Operations on the work before or after sewing [D05D 2305/00](#)

In addition, the classification in [D05B](#) is desirably complemented by a classification for the application in the indexing scheme relating to textiles

Wearing apparel [D10B 2501/00](#)

Domestic or personal [D10B 2503/00](#)

Industrial [D10B 2505/00](#)

Sport; military [D10B 2507/00](#)

Medical; hygiene [D10B 2509/00](#)

## **Glossary of terms**

*In this subclass/group, the following terms (or expressions) are used with the meaning indicated:*

Sewing	Uniting or fastening by stitches.
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## **D05B 1/00**

**General types of sewing apparatus or machines without mechanism for lateral movement of the needle or the work or both**

### **Definition statement**

*This subclass/group covers:*

Sewing apparatus or machines wherein neither the needle nor the work moves laterally.

## **D05B 1/04**

**Running-stitch seams**

## Glossary of terms

*In this subclass/group, the following terms (or expressions) are used with the meaning indicated:*

A running-stitch	Basic stitch done through one or more layers, worked by passing the needle in and out the workpiece
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## D05B 1/06

### Single chain-stitch seams

#### Glossary of terms

*In this subclass/group, the following terms (or expressions) are used with the meaning indicated:*

Single chain stitch seams	Seams forming a chain on the upper surface of the workpiece.
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## D05B 1/12

### Lock-stitch seams

#### Glossary of terms

*In this subclass/group, the following terms (or expressions) are used with the meaning indicated:*

Lock-stitch seams	Seams using two threads, an upper and a lower, which lock together in the hole in the workpiece they pass through
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## D05B 1/20

### Overedge seams

#### Glossary of terms

*In this subclass/group, the following terms (or expressions) are used with the meaning indicated:*

Overedge seams	Seams that are typically used for
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	sewing together and edge-finishing two fabric layers in one step
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## D05B 1/24

for making blind-stitch seams

### Glossary of terms

*In this subclass/group, the following terms (or expressions) are used with the meaning indicated:*

Blind stitch seams	Seams that are typically used for attaching lining to a garment where the stitches should not show on either side.
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## D05B 1/26

for making fluid-tight seams (sewing machines for concurrently making thread and welded seams D05B17/00)

### Definition statement

*This subclass/group covers:*

Apparatus or machines for making non-welded fluid tight seams by sewing.

### References relevant to classification in this group

*This subclass/group does not cover:*

Sewing machines for concurrently making thread and welded seams	<a href="#">D05B 17/00</a> .
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## D05B 3/00

Sewing apparatus or machines with mechanism for lateral movement of the needle or the work or both for making ornamental pattern seams, for sewing buttonholes, for reinforcing openings, or for fastening articles, e.g. buttons, by sewing (programme-controlled sewing machines D05B19/00; with devices for automatically controlling movement of

## work-carrier D05B21/00)

### Definition statement

*This subclass/group covers:*

Sewing apparatus or machines with mechanism for lateral movement of the needle or the work or both, e.g. for bar-tacking, i.e. forming series of stitches used for reinforcing areas of stress on a garment, such as pocket openings.

### References relevant to classification in this group

*This subclass/group does not cover:*

Sewing machines characterised by the programme control for lateral movement of the needle or the work or both	<a href="#">D05B 19/00</a>
Sewing machines characterised by devices for automatically controlling movement of work-carrier relative to stitch-forming mechanism in order to obtain particular configuration of seam	<a href="#">D05B 21/00</a>

## D05B 3/10

### for making piped openings

#### Glossary of terms

*In this subclass/group, the following terms (or expressions) are used with the meaning indicated:*

Piped openings	are openings e.g. formed for making pockets in a garment. The machines for making piped openings may have two needles
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## D05B 3/12

### for fastening articles by sewing

#### Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Indexing Codes related to applied objects or articles	<a href="#">D05D 2303/00</a>
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## **D05B 5/00**

### **Sewing machines for temporarily connecting articles, e.g. pairs of socks**

#### **Definition statement**

*This subclass/group covers:*

Sewing machines for temporarily connecting articles, e.g. for joining knitted articles.

#### **Informative references**

*Attention is drawn to the following places, which may be of interest for search:*

Pairing socks	<a href="#">A41B 11/002</a>
Devices for keeping articles together during laundering, e.g. for keeping socks in pairs	<a href="#">D06F 95/008</a>

#### **Glossary of terms**

*In this subclass/group, the following terms (or expressions) are used with the meaning indicated:*

Overlocking machine	Type of machine often used for temporarily connecting articles
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## **D05B 7/00**

### **Linking machines, e.g. for joining knitted fabrics**

#### **Definition statement**

*This subclass/group covers:*

linking machines, e.g. for joining knitted fabrics, e.g. overlocking machines.

#### **Informative references**

Attention is drawn to the following places, which may be of interest for search:

Indexing Code related to operations on the work before or after sewing	<a href="#">D05D 2305/00</a>
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### Special rules of classification within this group

Machines provided with means for sewing and knitting to create a single article are classified in the field where the alleged invention lies. A combined knitting-sewing machine where the invention lies in the sewing is classified in sewing only.

### Glossary of terms

*In this subclass/group, the following terms (or expressions) are used with the meaning indicated:*

Linking	Coupling or connecting by or as if by a link
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## D05B 9/00

### Hem-stitch sewing machines

#### Definition statement

*This subclass/group covers:*

Hem-stitch machines, i.e. machines having one or two needles, and a piercer.

### Glossary of terms

*In this subclass/group, the following terms (or expressions) are used with the meaning indicated:*

Hem	Border of a cloth article doubled back and stitched down.
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### Synonyms and Keywords

In patent documents the expression "hem-stitch sewing machines" is often used as synonym for "hemming machine".

## D05B 11/00

**Machines for sewing quilts or mattresses (control of workpiece-holding frames, or of sewing machines, in order to obtain particular seam configuration D05B21/00)**

### References relevant to classification in this group

*This subclass/group does not cover:*

Control of workpiece-holding frames, or of sewing machines, in order to obtain particular seam configuration	<a href="#">D05B 21/00</a>
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### Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Spring mattresses	<a href="#">A47C 23/00</a>
Stuffed mattresses	<a href="#">A47C 27/00</a>
Worktables or workframes specially for upholstery	<a href="#">B68G 15/005</a>
Worktables or workframes specially for upholstery	<a href="#">B68G 7/10</a>

### Glossary of terms

*In this subclass/group, the following terms (or expressions) are used with the meaning indicated:*

Quilt	Coverlet of two or more layers of cloth filled with padding held in place by stitched designs
Mattress	Fabric case filled with resilient material (as cotton, hair, feathers, foam rubber, or an arrangement of coiled springs), used either alone as a bed or on a bedstead



## D05B 13/00

### Machines for sewing sacks

#### Informative references

Attention is drawn to the following places, which may be of interest for search:

Inflatable occupant restraints or confinements designed to inflate upon impact or impending impact, e.g. air bags	<a href="#">B60R 21/16</a>
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## D05B 13/02

### for closing filled bags or sacks (combined with bag- or sack-filling apparatus B65B)

#### References relevant to classification in this group

This subclass/group does not cover:

Machines for sewing sacks combined with bag- or sack-filling apparatus	<a href="#">B65B</a> , <a href="#">B65B 51/07</a>
Machines for sewing sacks combined with bag- or sack-filling apparatus	<a href="#">B65B</a>

## D05B 15/00

### Machines for sewing leather goods (making pseudo-lock-stitch seams D05B1/16)

#### Definition statement

This subclass/group covers:

Machines specifically designed for sewing leather goods, i.e. suitcases, bags, and shoes.

#### References relevant to classification in this group

This subclass/group does not cover:

Seat coverings for vehicles by sewing, stitching or threading	<a href="#">B60N 2/5883</a>
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Manufacturing methods specially adapted for seat coverings	<a href="#">B60N 2/5891</a>
Machines for making pseudo-lock-stitch seams	<a href="#">D05B 1/16</a>

### Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Seat coverings in general	<a href="#">A47C 3/00</a>
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## D05B 17/00

**Sewing machines for concurrently making thread and welded seams (for making non-welded fluid-tight seams D05B1/26)**

### Definition statement

*This subclass/group covers:*

Machines for concurrently making thread and welded seams using i.e. heat, pressure, ultrasonic means, infrared means, laser or fusible materials.

### Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Sewing machines for making non-welded fluid-tight seams	<a href="#">D05B 1/26.</a>
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### Glossary of terms

*In this subclass/group, the following terms (or expressions) are used with the meaning indicated:*

Welding	Uniting by heating and allowing the products to flow together, i.e. by compressing
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## D05B 19/00

**Programme-controlled sewing machines (with devices for automatically controlling movement of work-carrier D05B21/00; devices for stopping drive when sewing tools have reached a predetermined position D05B69/22)**

**Definition statement**

*This subclass/group covers:*

Programme-controlled sewing machines, i.e. machines using computer means.

**References relevant to classification in this group**

*This subclass/group does not cover:*

Programme-controlled sewing machines with devices for automatically controlling movement of work-carrier relative to stitch-forming mechanism in order to obtain particular configuration of seam	<a href="#">D05B 21/00</a>
Programme-controlled devices for stopping drive when sewing tools have reached a predetermined position	<a href="#">D05B 69/22</a>

**D05B 19/003**

**[N: Zig-zag sewing machines with electric or electronic programming]**

**Special rules of classification within this group**

Group [D05B 19/003](#) is no longer used for classification. Documents are in the process of being reorganised to groups [D05B 19/02](#) to [D05B 19/16](#).

**D05B 21/00**

**Sewing machines with devices for automatically controlling movement of work-carrier relative to stitch-forming mechanism in order to obtain particular configuration of seam, e.g. programme-controlled for sewing collars, for attaching pockets**

**Definition statement**

*This subclass/group covers:*

Sewing machines with devices for automatically controlling movement of work-carrier relative to stitch-forming mechanism in order to obtain particular configuration of seam, e.g. programme-controlled for sewing collars, for attaching pockets, bar tacking.

## **Glossary of terms**

*In this subclass/group, the following terms (or expressions) are used with the meaning indicated:*

Bar tacking or bartacking	Specialized sewing stitch designed to provide tensile strength to the product it is used on, for reinforcing areas of stress on a garment, such as pocket openings.
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## **D05B 21/002**

**[N: consisting of lateral displacement of the workpieces by a feed-dog or a fluted presser foot]**

### **Definition statement**

*This subclass/group covers:*

E.g. machines with accessory devices controlled by the presser foot, with fluted means having grooves to improve friction.

## **D05B 23/00**

**Sewing apparatus or machines not otherwise provided for (for making zip closures A44B19/00)**

### **Definition statement**

*This subclass/group covers:*

E.g. sewing machines for sewing straw hats, straw cases, wisps of straw, canvas shoes, for hemming hats, ribbing corsets, binding or uniting carpets, assembling parts of knitted panties or closing toe parts of stockings.

## **References relevant to classification in this group**

*This subclass/group does not cover:*

Sewing apparatus or machines for making zip closures	<a href="#">A44B 19/00</a> .
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## Informative references

Attention is drawn to the following places, which may be of interest for search:

Indexing Codes related to use of special elements	<a href="#">D05D 2207/00</a>
Indexing Codes related to use of special materials	<a href="#">D05D 2209/00</a>
Indexing Codes related to use of special materials	<a href="#">D05D 2303/00</a>
Indexing Codes related to operations on the work before or after sewing	<a href="#">D05D 2305/00</a>

## D05B 23/007

**[N: Sewing units for assembling parts of knitted panties or closing the stocking toe part]**

### Definition statement

*This subclass/group covers:*

Sewing units for assembling parts of knitted panties or closing the stocking toe part, after the knitting operation has been processed.

## Informative references

Attention is drawn to the following places, which may be of interest for search:

Indexing Codes related to use of special materials	<a href="#">D05D 2209/00</a>
Indexing Codes related to applied objects or articles	<a href="#">D05D 2303/00</a>
Indexing Code related to hosiery, ganti-hose	<a href="#">D10B 2501/021</a>
Hosiery, ganti-hose	<a href="#">A41B 11/00</a>

## Special rules of classification within this group

Machines for assembling knitted panties or stockings provided with means for sewing and other operations (e.g. turning the material inside-out, trimming the seam edges) are classified in the field where the alleged invention lies. A combined sewing machine with a turning inside-out mechanism where the invention lies in the turning inside-out of the material is classified in [D06G 3/00](#) only. A combined sewing machine with trimming of the hosiery or seamed edges where the invention lies in the trimming is classified in [D06C 13/12](#) only.

## D05B 25/00

### Sewing units consisting of combinations of several sewing machines

#### Definition statement

*This subclass/group covers:*

Sewing units consisting of combinations of several sewing machines which can be mounted in series or in parallel, incorporating e.g. conveying devices and devices not incorporated in the sewing machines for supplying and removing the work.

#### Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Indexing Codes related to use of special materials	<a href="#">D05D 2209/00</a>
Indexing Codes related to applied objects or articles	<a href="#">D05D 2303/00</a>
Indexing Codes related to operations on the work before or after sewing	<a href="#">D05D 2305/00</a>
Indexing Codes related to textile applications	<a href="#">D10B 2501/00</a> - <a href="#">D10B 2509/00</a>

## Special rules of classification within this group

Machines provided with means for sewing and other operations (e.g. turning the material inside-out) are classified in the field where the alleged invention lies. A combined sewing machine with a turning inside-out mechanism where the invention lies in the turning inside-out of the material is classified in [D06G](#)

[3/00](#) only.

## D05B 27/00

### Work-feeding means

#### Definition statement

*This subclass/group covers:*

Work-feeding means forming part of the sewing machine, e.g. feed dogs, rotary circular feed members, sewing needles, used in order to move the work through the sewing machine.

#### Glossary of terms

*In this subclass/group, the following terms (or expressions) are used with the meaning indicated:*

Feed dogs	A part of a sewing machine that feeds the work under the needle.
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## D05B 29/00

### Pressers; Presser feet (for feeding D05B27/04)

#### Definition statement

*This subclass/group covers:*

pressers and presser feet resting on the work and pressing it down upon the table of the sewing machine.

#### References relevant to classification in this group

*This subclass/group does not cover:*

Presser feet for feeding the work	<a href="#">D05B 27/04</a>
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## D05B 31/00

### Workpiece holders or hold-downs in machines for sewing leather

#### Definition statement

*This subclass/group covers:*

Workpiece holders or hold-downs in machines for sewing leather, e.g. balls, shoes.

## **D05B 33/00**

### **Devices incorporated in sewing machines for supplying or removing the work**

#### **Definition statement**

*This subclass/group covers:*

Devices incorporated in sewing machines for supplying or removing the work, e.g. conveying devices, feeding workpieces separated from piles.

#### **References relevant to classification in this group**

*This subclass/group does not cover:*

Work-feeding means, e.g. feed dogs, rotary circular feed members	<a href="#">D05B 27/00</a>
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#### **Informative references**

*Attention is drawn to the following places, which may be of interest for search:*

Indexing Codes related to operations on the work before or after sewing	<a href="#">D05D 2305/00</a>
Indexing Codes related to textile applications	<a href="#">D10B 2501/00</a> - <a href="#">D10B 2509/00</a>

## **D05B 35/00**

### **Work-feeding or -handling elements not otherwise provided for**

#### **Definition statement**

*This subclass/group covers:*

Work-feeding or work-handling elements for specific applications, e.g. for facilitating seaming, hem-turning elements, for attaching bands, ribbons, strips, for binding, ruching, gathering, casing, filling lace, pleating devices, cuttlers, curlers, edge guides, indicators for positioning work.



## D05B 35/02

for facilitating seaming; Hem-turning elements; Hemmers [N: (D05B35/062 takes precedence)]

### Informative references

Attention is drawn to the following places, which may be of interest for search:

Indexing Codes related to applied objects or articles	<a href="#">D05D 2303/00</a>
Indexing Codes related to operations on the work before or after sewing	<a href="#">D05D 2305/00</a>

### Glossary of terms

In this subclass/group, the following terms (or expressions) are used with the meaning indicated:

Hem	Border of a cloth article doubled back and stitched down.
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## D05B 35/06

for attaching bands, ribbons, strips, or tapes or for binding

### Informative references

Attention is drawn to the following places, which may be of interest for search:

Label feeding	<a href="#">B65C 9/08</a>
Attaching cords, tapes, bands or the like in embroidery machines	<a href="#">D05C 7/08</a>

## D05B 35/064

[N: for attaching slide fasteners (connection of the interlocking member to the stringer tape A44B19/40)]

### References relevant to classification in this group

This subclass/group does not cover:

Connection of separate, or one piece, interlocking members to stringer tapes and reinforcing such connections, e.g. by stitching	<a href="#">A44B 19/40</a>
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### Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Sewing hooks, e.g. to a tape	<a href="#">D05B 3/18</a>
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### D05B 35/08

**for ruching, gathering, casing, or filling lace, ribbons, or bindings; Pleating devices; Cuttlers; Gathering feet; Crimpers; Curlers; Rufflers**

### Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Indexing Codes related to operations on the work before or after sewing	<a href="#">D05D 2305/00</a>
Pleating, kilting, or goffering fabrics or wearing apparel by heat and/or steam	<a href="#">D06J</a>

### Glossary of terms

*In this subclass/group, the following terms (or expressions) are used with the meaning indicated:*

Ruching lace	Forming a pleat of lace for trimming a work
Ruffler	Attachment on a sewing machine used for making frills
Crimper	A mechanical device consisting of a cylindrical tube around which the work is wound to curl it

## D05B 35/085

[N: for making folds transversely to the sewing direction]

### Definition statement

*This subclass/group covers:*

Machines for making folds transversely to the sewing direction, e.g. rufflers.

## D05B 35/107

[N: Fixed or adjustable pin holding the work, e.g. for circular or spiral stitching]

### References relevant to classification in this group

*This subclass/group does not cover:*

Sewing machines with devices for automatically controlling movement of work-carrier relative to stitch-forming mechanism in order to obtain spiral seams [D05B 21/005](#).

## D05B 37/00

**Devices incorporated in sewing machines for slitting, grooving, or cutting (severing sewing-threads D05B65/00)**

### Definition statement

*This subclass/group covers:*

Devices incorporated in sewing machines for slitting, grooving or cutting the work.

### Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Devices incorporated in sewing machines for severing sewing-threads	<a href="#">D05B 65/00</a>
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### Glossary of terms

*In this subclass/group, the following terms (or expressions) are used with the meaning indicated:*

Slitting	Forming a long and narrow cut
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Grooving	Forming a long narrow channel
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## D05B 37/06

with oscillating tools

### Definition statement

*This subclass/group covers:*

Cutting devices with oscillating tools, i.e. tools swinging back and forth with a steady, uninterrupted rhythm, not just moving up and down.

## D05B 37/066

[N: Pinking]

### Glossary of terms

*In this subclass/group, the following terms (or expressions) are used with the meaning indicated:*

Pinking	is forming a perforated pattern.
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## D05B 37/085

[N: Pinking]

### Glossary of terms

*In this subclass/group, the following terms (or expressions) are used with the meaning indicated:*

Pinking	is forming a perforated pattern.
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## D05B 39/00

**Workpiece carriers (for automatically controlling movement of work-carrier to obtain particular configuration of seam D05B21/00; in general A41H15/00)**

### Definition statement

*This subclass/group covers:*

Workpiece carriers, e.g. for cap, support structures, sewing frames.

### **Informative references**

*Attention is drawn to the following places, which may be of interest for search:*

Indexing Code related to selection of machines, accessories or parts of the same kind	<a href="#">D05D 2203/00</a>
Indexing Codes related to use of special elements	<a href="#">D05D 2207/00</a>
Indexing Codes related to use of special materials	<a href="#">D05D 2209/00</a>
Indexing Codes related to applied objects or articles	<a href="#">D05D 2303/00</a>
Indexing Codes related to operations on the work before or after sewing	<a href="#">D05D 2305/00</a>
Devices for automatically controlling movement of work-carrier relative to stitch forming mechanism in order to obtain particular configuration of seam	<a href="#">D05B 21/00</a>
Cloth-holders	<a href="#">A41H 15/00</a>

## **D05B 39/005**

**[N: Quilting frames]**

### **Definition statement**

*This subclass/group covers:*

Quilting frames in sewing machines.

### **Informative references**

*Attention is drawn to the following places, which may be of interest for search:*

Appliances for holding or feeding the base fabric in embroidering machines	<a href="#">D05C 9/00</a>
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Machines for sewing quilts or mattresses	<a href="#">D05B 11/00</a>
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## D05B 41/00

### Work-collecting devices

#### Definition statement

*This subclass/group covers:*

Work-collecting devices, e.g. worktables, stack support assemblies.

## D05B 43/00

### Spool-pin assemblies incorporated in sewing machines

#### Definition statement

*This subclass/group covers:*

Spool-pin assemblies incorporated in sewing machines for holding spools.

#### References relevant to classification in this group

*This subclass/group does not cover:*

Applications of bobbin-winding or -changing devices	<a href="#">D05B 59/00</a>
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#### Glossary of terms

*In this subclass/group, the following terms (or expressions) are used with the meaning indicated:*

Spool pin	is a pin on which the spool of thread is seated.
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## D05B 45/00

**Applications of measuring devices for determining the length of threads used in sewing machines (measuring devices in embroidery machines D05C, in general G01B)**

## Definition statement

*This subclass/group covers:*

Applications of measuring devices for determining the length of threads used in sewing machines, e.g. in order to cut the thread after performing sewing, to control the speed, to determine the thread reserve.

## Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Measuring devices for use with embroidery machines	<a href="#">D05C 13/02</a>
Measuring length in general	<a href="#">G01B</a>
Applications of devices for metering predetermined lengths of running material	<a href="#">B65H 61/00</a>

## D05B 47/00

### Needle-thread tensioning devices; Applications of tensometers

## Definition statement

*This subclass/group covers:*

Needle thread tensioning devices and applications of tensometers, i.e. devices controlling the needle thread in order to avoid a defective stitching or a broken thread.

## Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Indexing Codes related to use of special elements	<a href="#">D05D 2207/00</a>
thread tensioning arrangements in embroidery machines	<a href="#">D05C 11/08</a>

## D05B 47/06

**Applications of tensometers (application of tension indicators in handling thin or filamentary material B65H59/40; for embroidery machines D05C11/08; tensometers in general G01L)**

### **Informative references**

*Attention is drawn to the following places, which may be of interest for search:*

Applications of tension indicators in handling thin and filamentary material	<a href="#">B65H 59/40</a>
Thread-tensioning arrangements in embroidering machines	<a href="#">D05C 11/08</a>
Tensometers in general	<a href="#">G01L</a>

## **D05B 49/00**

**Take-up devices, e.g. levers, for the needle thread**

### **Definition statement**

*This subclass/group covers:*

Take-up devices, e.g. levers, for the needle thread, in order to provide enough thread for the loop and preventing knotted wads of thread.

## **D05B 51/00**

**Applications of needle-thread guards; Thread-break detectors (for embroidery machines D05C11/00)**

### **Definition statement**

*This subclass/group covers:*

Applications of needle-thread guards and thread-break detectors, i.e. devices for guiding the needle thread and for detecting the absence of the thread, respectively.

### **Informative references**

*Attention is drawn to the following places, which may be of interest for search:*

Applications of needle-thread guards and thread-break detectors for embroidery machines	<a href="#">D05C 11/00.</a>
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## Glossary of terms

*In this subclass/group, the following terms (or expressions) are used with the meaning indicated:*

Needle-thread guard	Mechanical element preventing skipping stitches
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## D05B 53/00

### Thread- or cord-laying mechanisms; Thread fingers

## Glossary of terms

*In this subclass/group, the following terms (or expressions) are used with the meaning indicated:*

Thread laying mechanism	A device used to guide the thread in order to manage the stitches when a smooth and flat finish is desired.
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## D05B 55/00

### Needle holders; Needle bars (needles D05B85/00)

## Definition statement

*This subclass/group covers:*

Needle holders and needle bars, e.g. devices for fastening needles to needle bars, needle guides, needle-bar drives.

## Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Needles	<a href="#">D05B 85/00</a> .
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## D05B 55/02

### Devices for fastening needles to needle bars

## Definition statement

*This subclass/group covers:*

Devices for fastening needles to needle bars for all kinds of needles.

## Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Indexing Code related to selection of machines, accessories or parts of the same kind	<a href="#">D05D 2203/00</a>
Arrangements for fastening or inserting needles in bars or carriers in embroidery machines	<a href="#">D05C 11/04</a>

## D05B 55/06

### Needle guides; Needle protectors (finger-protecting devices D05B83/00)

## Definition statement

*This subclass/group covers:*

Needle guides and needle protectors, exclusively designed to guide and protect the needle, not to guide with regard to the needle or protect from the needle.

## Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Finger protecting devices	<a href="#">D05B 83/00.</a>
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## D05B 57/00

### Loop takers, e.g. loopers

## Definition statement

*This subclass/group covers:*

Loop takers and loopers, i.e. mechanisms placed underneath the workpiece for grabbing the loop of thread before the needle pulls up, and wrapping it around either another piece of thread or another loop in the same piece of

thread.

## **D05B 59/00**

**Applications of bobbin-winding or -changing devices;  
Indicating or control devices associated therewith**

### **Informative references**

*Attention is drawn to the following places, which may be of interest for search:*

Bobbin holders or casings, case guards, bobbin discharge devices	<a href="#">D05B 57/26</a>
Application of bobbins for storing the lower thread	<a href="#">D05B 57/28</a>

## **D05B 61/00**

**Loop holders; Loop spreaders; Stitch-forming fingers**

### **Definition statement**

*This subclass/group covers:*

Loop holders, loop spreaders and stitch-forming fingers, i.e. devices retaining the loop of the needle thread underneath the workpiece until the following operation.

## **D05B 63/00**

**Devices associated with the loop-taker thread, e.g. for tensioning**

### **Definition statement**

*This subclass/group covers:*

Devices associated with the loop-taker thread, e.g. for tensioning, monitoring.

## **D05B 65/00**

**Devices for severing the needle or lower thread**

### **Definition statement**

*This subclass/group covers:*

Devices for severing the needle or lower thread, e.g. knife, heated tool, and

for disposing of the severed thread end. Cutting devices inside or associated with the thread disposal device are covered by [D05B 65/06](#).

### Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Indexing Codes related to applied objects or articles	<a href="#">D05D 2303/00</a>
Indexing Codes related to operations on the work before or after sewing	<a href="#">D05D 2305/00</a>
Arrangements for cutting the needle or lower thread in embroidery machines	<a href="#">D05C 11/20</a>

### D05B 65/06

**and for disposing of the severed thread end; [N: Catching or wiping devices for the severed thread]**

### Definition statement

*This subclass/group covers:*

Devices for severing the needle or lower thread and for disposing of the severed end, only if the cutting device is inside or associated with the thread disposal device, e.g. catching or wiping devices for the severed thread.

### D05B 67/00

**Devices incorporated in sewing machines for lubricating, waxing, or colouring the threads**

### Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Treatment of fibres, threads and yarns not provided for elsewhere	<a href="#">D06M</a>
Moistening, sizing, oiling, waxing, colouring or drying filamentary material as additional measures during package formation	<a href="#">B65H 71/00</a>
Devices for dyeing or impregnating	<a href="#">D05C 11/24</a>

the threads in embroidery machines	
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## D05B 69/00

### Driving-gear; Control devices

#### Definition statement

*This subclass/group covers:*

Driving gear and control devices defined by the structure, e.g. mechanical, fluid, electrical, or by the application, e.g. changing speed, stopping drive, or by details.

## D05B 71/00

### Lubricating or cooling devices

#### Definition statement

*This subclass/group covers:*

Lubricating or cooling devices, e.g. for loop-taker, needle, taking the workpiece into consideration.

#### Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Lubricating devices in embroidery machines	<a href="#">D05C 13/04</a>
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## D05B 73/06

### for free-arm sewing machines

#### Definition statement

*This subclass/group covers:*

Free-arm sewing machines, i.e. machines having an arm holding bobbin, shuttle and feed dogs.

#### References relevant to classification in this group

*This subclass/group does not cover:*

Devices for converting free-arm	<a href="#">D05B 73/10.</a>
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sewing machines into flat-bed machines	
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### Glossary of terms

*In this subclass/group, the following terms (or expressions) are used with the meaning indicated:*

A free-arm sewing machine	has a shape allowing the fabric to slip around the arm.
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## D05B 75/00

### Frames, stands, tables, or other furniture adapted to carry sewing machines (furniture aspects A47B, A47C)

#### Definition statement

*This subclass/group covers:*

frames, stands, tables, or the like adapted to carry sewing machines, e.g. for drop-head sewing machines, with noise-suppressing devices, and arrangements for mounting sewing-machine casings to frames, stands or tables.

#### References relevant to classification in this group

*This subclass/group does not cover:*

Furniture aspects of frames, stands, tables or the like adapted to carry sewing machines	<a href="#">A47B</a>
Chairs	<a href="#">A47C</a>

## D05B 75/02

### for drop-head sewing machines

#### Glossary of terms

*In this subclass/group, the following terms (or expressions) are used with the meaning indicated:*

A drop-head sewing machine	machine e.g. foldable, with
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	multi-position adjustment.
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## **D05B 77/00**

### **Covers, or portable enclosures, for sewing machines**

#### **Definition statement**

*This subclass/group covers:*

Covers, or portable enclosures, for sewing machines, e.g. case cover, bed extension table, shield assembly.

## **D05B 79/00**

### **Incorporations or adaptations of lighting equipment**

#### **Definition statement**

*This subclass/group covers:*

Incorporations or adaptations of lighting equipment in sewing machines, e.g. lights, magnifying glasses.

## **D05B 81/00**

### **Sewing machines incorporating devices serving purposes other than sewing, e.g. for blowing air, for grinding**

#### **Definition statement**

*This subclass/group covers:*

sewing machines incorporating devices serving purposes other than sewing, e.g. for blowing air, for grinding, for discharging material, vacuum boxes, brushes.

## **D05B 83/00**

### **Guards or like devices for preventing injury to operator (machine safety devices in general F16P)**

#### **Definition statement**

*This subclass/group covers:*

Guards or like devices for preventing injury to operator, e.g. preventing fingers to be pierced by the needle.

## Informative references

Attention is drawn to the following places, which may be of interest for search:

Safety devices in general	<a href="#">F16P</a>
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## D05B 85/00

**Needles (surgical needles A61B17/06; manufacture of needles B21G1/00)**

### Definition statement

*This subclass/group covers:*

Needles, e.g. hooked needles, curved needles, flexible needles, hollow needles.

### References relevant to classification in this group

*This subclass/group does not cover:*

Surgical needles, e.g. for sewing body parts	<a href="#">A61B 17/06</a>
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## Informative references

Attention is drawn to the following places, which may be of interest for search:

Making needles used for performing operations (i.e. manufacture of needles)	<a href="#">B21G 1/00</a>
Machine needles in embroidery machines	<a href="#">D05C 11/02</a>
Quilting needles for making upholstery	<a href="#">B68G 7/085</a>

## D05B 87/00

**Needle- [N: or looper-]threading devices**



## Definition statement

*This subclass/group covers:*

Needle- or looper-threading devices, i.e. devices for positioning the thread in the needle eye or in the looper, e.g. with mechanical means.

## Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Apparatus for filling or threading shuttles	<a href="#">D05C 13/06</a>
Indexing Codes related to use of special elements	<a href="#">D05D 2207/00</a>

## D05B 89/00

### Seam-ripping devices

## Definition statement

*This subclass/group covers:*

Seam ripping devices, e.g. for ripping out or opening the seam.

## D05B 91/00

**Tools, implements, or accessories for hand sewing (needles, needle threaders D05B85/00, D05B87/00; appliances for the tailoring trade A41H)**

## References relevant to classification in this group

*This subclass/group does not cover:*

Needles	<a href="#">D05B 85/00</a>
Needle threading devices	<a href="#">D05B 87/00</a>
Appliances or methods for making clothes, e.g. for dress making, for tailoring (e.g. boxes for needles)	<a href="#">A41H</a>

## D05B 91/02

## Bodkins

### Definition statement

*This subclass/group covers:*

Bodkins, i.e. small pointed instrument used for piercing holes in cloth or instrument with a knobbed point and a large eye for drawing tape or cord through a hem.

### Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Needles for hand knitting	<a href="#">D04B 3/02</a>
Tools for hand knotting carpets or tapestries	<a href="#">D04G 3/02</a>
Crocheting tools	<a href="#">D04B 33/00</a>
Hand tufting needles	<a href="#">D05C 15/06</a>

## D05B 91/04

### Thimbles; Finger shields; Palm protectors

### Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Finger protectors for knitting	<a href="#">D04B 3/04</a>
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## D05B 91/12

### Tool receptacles

### References relevant to classification in this group

*This subclass/group does not cover:*

Boxes for needles or pins	<a href="#">A41H 19/00</a>
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## D05B 91/16

## Thread-spool receptables

### References relevant to classification in this group

*This subclass/group does not cover:*

Tool receptacles for hand sewing	<a href="#">D05B 91/12</a> .
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### Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Holders for embroidering needles or threads	<a href="#">D05C 1/065</a>
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## D05B 93/00

### Stitches; Stitch seams

#### Definition statement

*This subclass/group covers:*

Stitches and stitch seams, e.g. combined with machine sewing, knitting, strengthened by auxiliary elements.

### Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Applied objects or articles	<a href="#">D05D 2303/00</a>
Operations on the work before or after sewing	<a href="#">D05D 2305/00</a>

## D05B 95/00

### Preparatory or finishing operations in connection with hand sewing

#### Definition statement

*This subclass/group covers:*

Preparatory or finishing operations in connection with hand sewing, e.g. softening material prior to sewing, flattening, pounding, or pressing stitched

seams.

### **Informative references**

*Attention is drawn to the following places, which may be of interest for search:*

Indexing Codes related to operations on the work before or after sewing	<a href="#">D05D 2305/00</a>
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### **D05B 95/06**

**Flattening, pounding, or pressing stitched seams (in shoemaking A43D8/44)**

### **References relevant to classification in this group**

*This subclass/group does not cover:*

Creasing presses in shoemaking	<a href="#">A43D 8/44</a>
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### **D05B 97/00**

**Hand sewing processes or apparatus for special work or not otherwise provided for**

### **Definition statement**

*This subclass/group covers:*

Hand sewing processes or apparatus for special work or not otherwise provided for, e.g. hand-guided apparatus, for darning, using special threads, for attaching buttons or fasteners, for attaching patches.