SEAMS AND STITCHES

ISO 4915:1991

Textiles — Stitch types — Classification and terminology

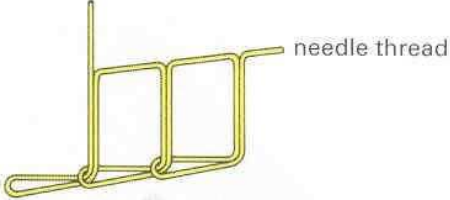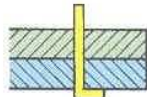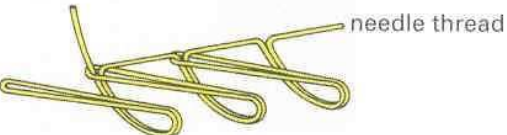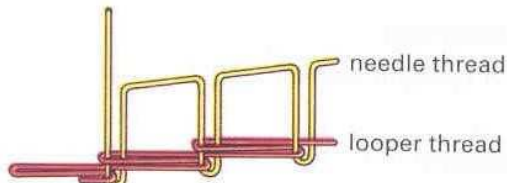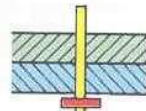**ISO 4916**:1991

Textiles — Seam types — Classification and terminology

ISO 4915	Stehy	Stitches
100	jednonitné řetízkové stehy	**Chain stitches**
200	ruční stehy	**Hand stitches**
300	dvou a vícenitné vázané stehy	**Lockstitch stitches**
400	dvou a vícenitné řetízkové stehy	**Multi-thread chain stitches**
500	obnitkovací stehy	**Overedge chain stitches**
600	krycí stehy	**Covering chain stitches**

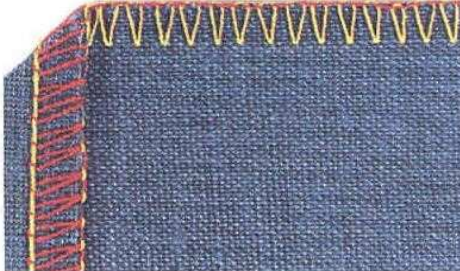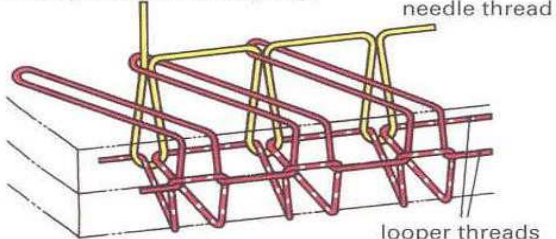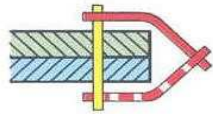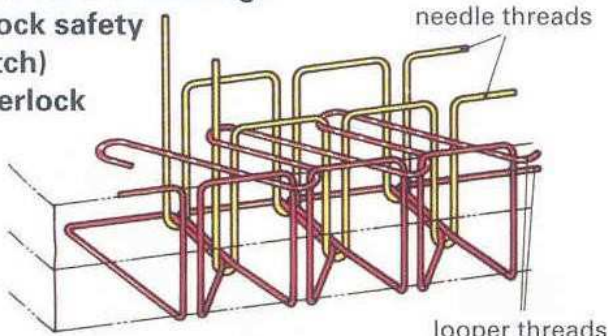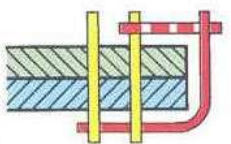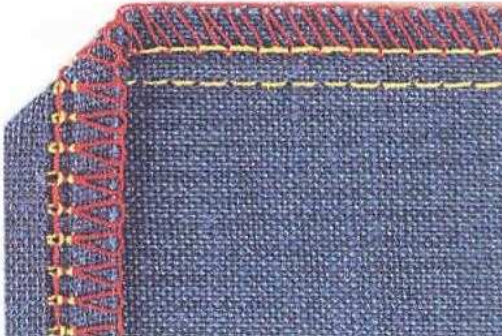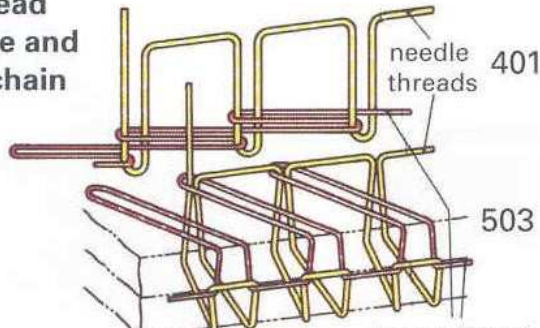| ISO 4916	Švy	Seams
1.00.00	hřbetové	**Superimposed seams**
2.00.00	přeplátované	**Lapped seams**
3.00.00	lemovací	**Bound seams**
4.00.00	dotykové	**Flat seams**
5.00.00	ozdobné	**Ornamental seams**
6.00.00	obrubovací	**Edge-finished seams**
7.00.00	začišťovací	**Edge-finished seams**
8.00.00	zajišťovací	**Edge-finished seams**
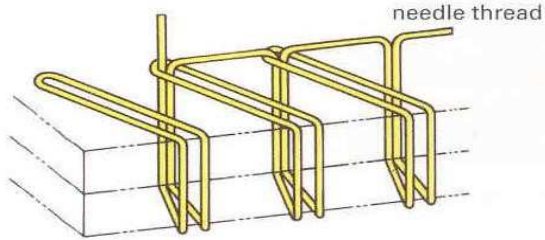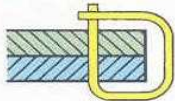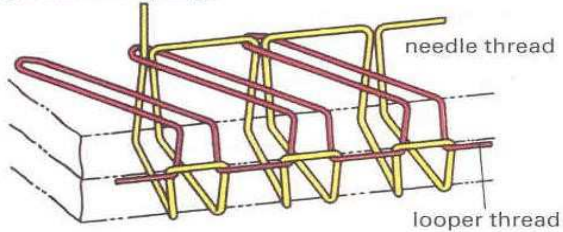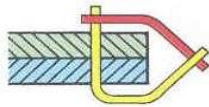
Typical Stitch Types

Class 100: Chain stitches
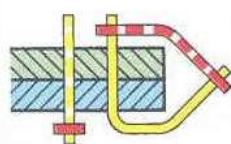
Type	Name, Stitch Diagram	Symbol	Seam Appearance
101	**Single thread chain stitch** — needle thread		
103	**Blind single thread chain stitch** — needle thread		

Type	Name, Stitch Diagram	Symbol	Seam Appearance
401	**Two-thread chain stitch** — needle thread, looper thread		
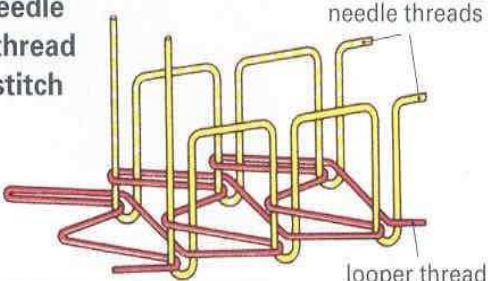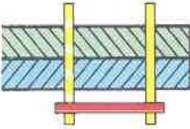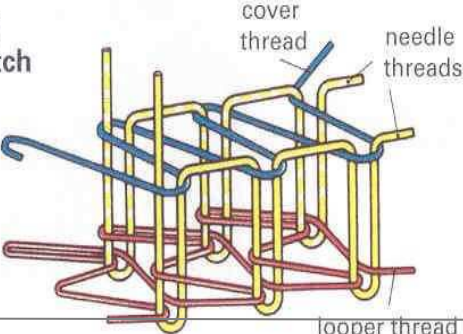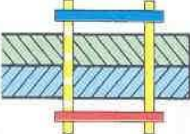
Class 500: Overadge stitches

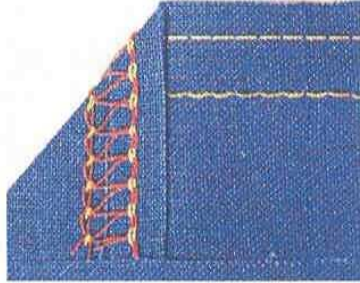| Type	Name, Stitch Diagram	Symbol	Seam Appearance
501	Single thread overedge needle thread		
503	Two-thread overedge (edge interlooping) needle thread looper thread		
504	Three-thread overedge (needle point interlooping) needle thread looper threads		

Reference: EBERLE,H. *Clothing technology*. Europa Lehrmittel Verlag, 2008. ISBN 13: 978- 38085622
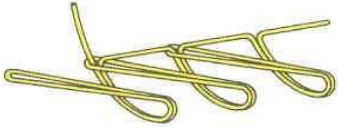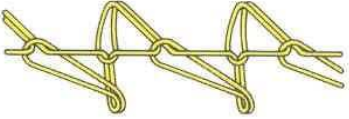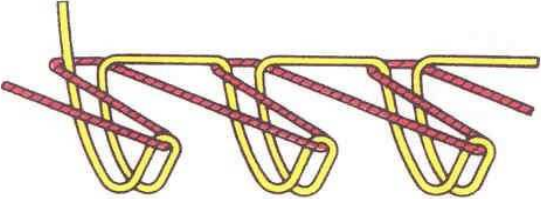
Class 500: Overadge stitches

512	**Four-thread overedge (mock safety stitch) Overlock** — needle threads, looper threads		
401.503	**Combination safety stitch Two-thread overedge and double chain stitch** — needle threads 401, 503, looper threads		

Reference: EBERLE,H. *Clothing technology*. Europa Lehrmittel Verlag, 2008. ISBN 13: 978- 38085622

Important Flat Seam Stitches

Type	Name, Stitch Diagram	Symbol	Seam Appearance
406	**Two-needle multi-thread chain stitch** — needle threads, looper thread		
602	**Covering chain stitch** — cover thread, needle threads, looper thread		

Reference: EBERLE,H. *Clothing technology*. Europa Lehrmittel Verlag, 2008. ISBN 13: 978- 38085622
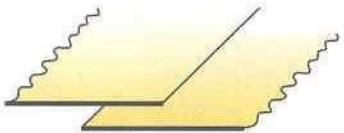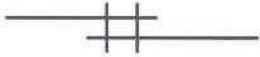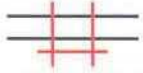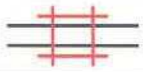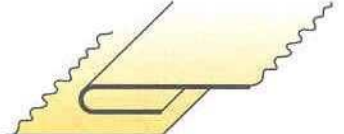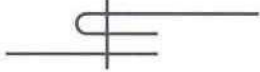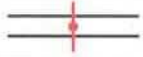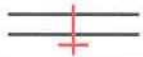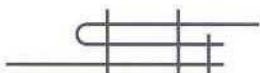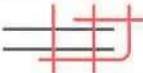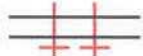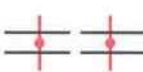
Important Blind Stitch Seams

Type	Name, Stitch Diagram	Symbol	Seam Appearance
103	**Blind single chain stitch**		
105	**Blind single chain stitch**		
320	**Blind multi-thread chain stitch**		

Reference: EBERLE,H. *Clothing technology*. Europa Lehrmittel Verlag, 2008. ISBN 13: 978- 38085622
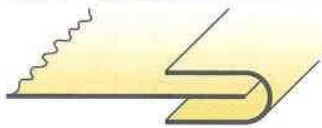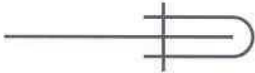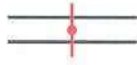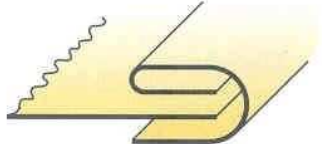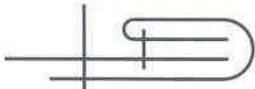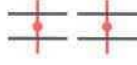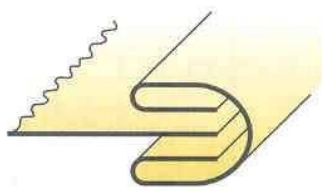
Class 1.00. Superimposed seams

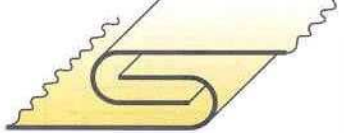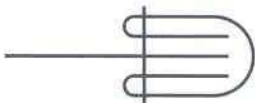| ISO Type	Seam Diagram (after ISO)	ISO Symbol	Typical Stitch Types (ISO 4915)	Stitch Symbol simplified	Seam Designation
1.01			301 Lockstitch (LS)		plain seam
			401 Multi-thread chain stitch (MCS)		
			504 Overedge chain stitch (OCS)		
			512 Overedge chain stitch (four-thread)		mock safety stitch
			401.503 MCS + OCS		combination safety stitch
			401.504 MCS + OCS		
1.06			301.301 LS + LS; two sewing stages with intervening re-folding.		double-turned seam (French seam)
1.12			301 Lockstitch		piping seam (piping sewn in)
1.15			301 Lockstitch		piping seam (piping sewn in)
			301.301 LS + LS; two sewing stages with intervening re-folding.		

Reference: EBERLE,H. *Clothing technology*. Europa Lehrmittel Verlag, 2008. ISBN 13: 978- 38085622
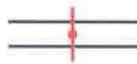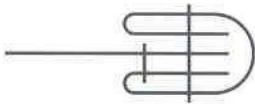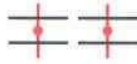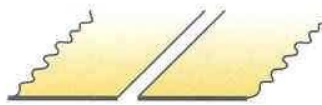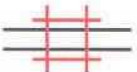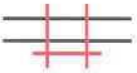
Class 2.00. Lapped seams

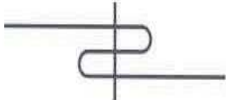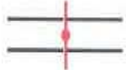| ISO Type	Seam Diagram (after ISO)	ISO Symbol	Typical Stitch Types (ISO 4915)	Stitch Symbol simplified	Seam Designation
2.01			406 Two-needle multi-thread chain stitch (2nMCS)		plain overlap
			602 Covering chain stitch		
2.02			301 Lockstitch		flat fell seam
			401 Multi-thread chain stitch		
			512.(401.401) OCS + 2nMCS; two sewing stages with intervening re-folding		double sewn flat fell seam
			301.301 Lockstitch; two sewing stages with intervening re-folding		overstitched flat fell seam
2.04			(401.401) 2nMCS; one sewing, no re-folding		double flat fell seam
			301.301 Lockstitch; two sewing stages with intervening re-folding		

Reference: EBERLE,H. *Clothing technology*. Europa Lehrmittel Verlag, 2008. ISBN 13: 978- 38085622

Class 3.00. Bound seams

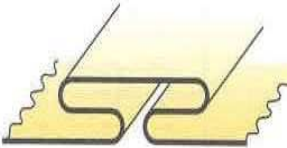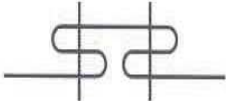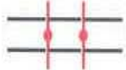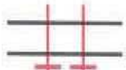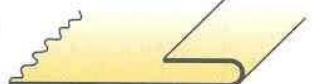| Class 3 Seams (examples)		They are made from at least two components, with one of them wrapped around the edge of the other.			
3.01			301 Lockstitch		bound seam (open binder edges)
3.03			301.301 Lockstitch; two sewing stages with intervening re-folding		bound seam (one binder edge turned)
3.05			301 Lockstitch		bound seam (both binder edges turned)
			301.301 Lockstitch; two sewing stages with intervening re-folding		
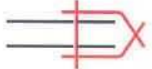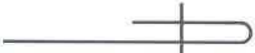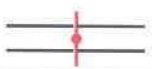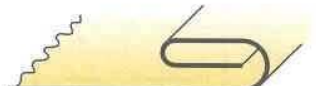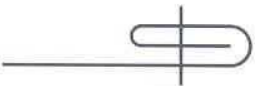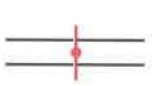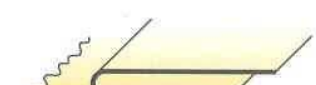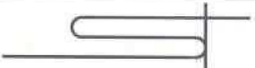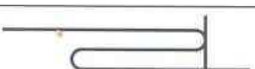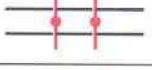
Class 4.00. Flat seams

Class 4 Seams (example)		They are made from at least two components, with one edge from each butted up against the other and on the same level.			
4.01			602 Covering chain stitch		flat seam (covered both sides)
			404 Two-needle multi-thread chain stitch		flat seam (covered one side)

Reference: EBERLE,H. *Clothing technology*. Europa Lehrmittel Verlag, 2008. ISBN 13: 978- 38085622
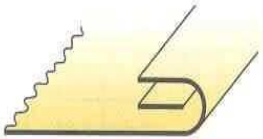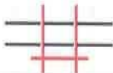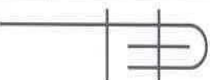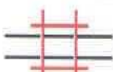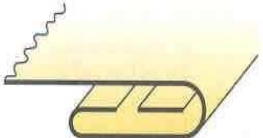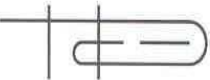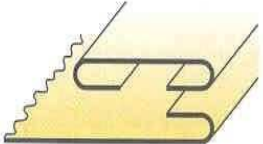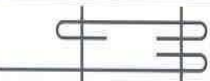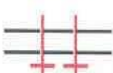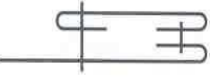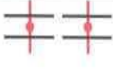
Class 5.00.. Ornamental seams

ISO Type	Seam Diagram (after ISO)	ISO Symbol	Typical Stitch Types (ISO 4915)	Stitch Symbol simplified	Seam Designation
5.02			301 Lockstitch		plain single fold
5.03			(301.301) Lockstitch; two-needle machine or		double flat fold
			(401.401) 2nMCS		inverted double flat fold

Reference: EBERLE,H. *Clothing technology*. Europa Lehrmittel Verlag, 2008. ISBN 13: 978- 38085622
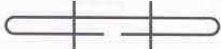
Class 6.00. Edge-finished seams

Class 6 Seams (examples)		They are made from only one component, with one edge included.			
6.01			504 Overedge chain stitch		edge binding
6.02			301 Lockstitch		plain hem
			103 Blind chain stitch		
			406 Two-needle multi-thread chain stitch		
6.03			301 Lockstitch		double-turned hem
6.06			320 Blind lockstitch		blind edge stitching
			503 Blind overedge chain stitch		
6.08			(301.301) Lockstitch; two-needle machine		mock selvedge
			(401.401) 2nMCS		

Reference: EBERLE,H. *Clothing technology*. Europa Lehrmittel Verlag, 2008. ISBN 13: 978- 38085622

Class 7.00. Edge-finished seams

Class 7 Seams (example)		They are made from at least two components: one of them has one edge included, the other has both edges.		
7.15			406 Two-needle multi-thread chain stitch		edge binding with single turn and tape insert
			602 Covering chain stitch		
7.25			406 Two-needle multi-thread chain stitch		edge binding with double turn and tape insert
			602 Covering chain stitch		
7.32			(401.401) 2nMCS; single sewing operation		double edge binding
			301.301 Lockstitch; two sewing stages with intervening re-folding		double edge binding

Class 8.00. Edge-finished seams

Class 8 Seams (example)		They are made from at least one component, with both edges included.		
8.02			406 Two-needle multi-thread chain stitch		belt loop

Reference: EBERLE,H. *Clothing technology*. Europa Lehrmittel Verlag, 2008. ISBN 13: 978- 38085622