























































STITCH REFERENCE CHART

Stitch Name	Pattern	Application	Stitch Length [mm]		Stitch Width [mm]		REF. PAGE NO.
			Auto	Manual	Auto	Manual	
Straight stitch (Center Position)	001 	Attaching Zippers, basic stitch and sewing gathers or pintucks, etc	2.5	0.0~5.0	0.0	0.0	P.21, 22, 33,34, 35,41
Straight Stitch (Left-Center-Right Needle position)	002 	Basic stitching, Sewing gathers or pintucks, etc	2.5	0.0~5.0	0.0	0.0-3.5-7.0	P.21
Quilt Stitch [Left-Centre-Right Needle position]	003 	Straight stitch quilting that looks hand-sewn	3.0	1.0~4.0	3.5	0.0-3.5-7.0	P.41
Stem Stitch	004 	Sewing stretch fabrics and decorative stitching	3.0	0.5~4.5	2.0	1.0~7.0	P.41
Triple stretch Stitch	005 	Attaching sleeves, sewing in seams, sewing stretch fabric and decorative stitching.	3.0	1.0~4.0	3.5	0.0-3.5-7.0	P.26,41
Zigzag	006 	Overcasting and attaching applique's	2.5	0.0~4.5	5.5	0.0~7.0	P.23,25,41
Bartack Buttonhole	007 	Buttonhole for stretch fabric	0.4	0.2~0.8	0.0	0.0	P.27,28
Buttonhole	008 	Buttonhole for stretch fabric	0.4	0.2~0.8	0.0	0.0	P.27,28
Keyhole Buttonhole	009 	Keyhole buttonhole for thick or furry fabric	0.4	0.3~0.8	0.0	0.0	P.27,28
Keyhole Buttonhole	010 	Keyhole buttonhole for thick or furry fabric	0.4	0.3~0.8	0.0	0.0	P.27,28
Buttonhole	011 	Buttonhole on thin, medium weight fabric	0.4	0.3~0.8	0.0	0.0	P.27,28
Buttonhole	012 	Buttonhole on thin, medium weight fabric	0.4	0.3~0.8	0.0	0.0	P.27,28
Buttonhole	013 	Horizontal buttonholes on thin, medium weight fabric	0.4	0.3~0.8	0.0	0.0	P.27,28
Buttonhole	014 	Buttonhole on thin, medium weight fabric	0.4	0.3~0.8	0.0	0.0	P.27,28
Buttonhole	015 	Buttonholes for stretch or knit fabric	0.5	0.3~0.8	6.0	5.0-6.0-7.0	P.27
Buttonhole	016 	Buttonholes for stretch fabric	0.5	0.3~0.8	6.0	5.0-6.0-7.0	P.27
Bar tack Stitch	017 	Reinforcing openings and areas where the seam easily comes loose	0.4	0.3~1.0	2.0	1.0-5.0	P.27
Bound buttonhole stitch	018 	Bound buttonholes	0.5	0.3~0.8	6.0	5.0-6.0-7.0	P.27,29



















STITCH REFERENCE CHART

Stitch Name	Pattern	Application	Stitch Length [mm]		Stitch Width [mm]		REF. PAGE NO.
			Auto	Manual	Auto	Manual	
Darning Stitch	019 	Darning thick fabrics	0.5	0.3~0.8	0.0	0.0	P.27,31
Eyelet stitch	020 	Sewing eyelets, for example, on belts	0.0	0.0	6.0	4.0~7.0	P.32
Button sewing stitch	021 	Button sewing	0.0	0.0	5.0	0.0~7.0	P.30
3-Step elastic zigzag stitch	022 	Overcasting and medium weight or stretch fabric, attaching elastic, darning, etc	1.0	0.3~2.0	6.0	3.0~7.0	P.25,26,41
Satin stitch	023 	Satin stitching	0.7	0.3~3.5	5.5	1.0~7.0	P.23,41
Rick-rack	024 	Decorative stitching, elastic stitching	3.5	2.0~4.0	5.5	2.5~7.0	P.26,41
Over-lock	025 	Overcasting on thin or medium weight fabric	3.0	1.0~3.0	5.5	2.5~7.0	P.24,41
Double-overlock	026 	Decorative hemming on thin, medium weight and plain weave fabric, heirloom stitching, etc.	2.5	1.0~3.0	5.5	2.5~7.0	P.25,41
Shell	027 	Overcasting on thin or medium weight fabrics	2.0	0.4~5.0	3.5	1.0~6.0	P.24,41
Blind hem	028 	Blind hem stitching on medium weight fabric	2.0	0.4~5.0	3.5	1.0~6.0	P.23,41
Blind hem stretch stitch	029 	Blind hem stitching on stretch fabric	2.0	0.4~3.5	4.5	2.5~7.0	P.23,41
Double action	030 	Attaching elastic to stretch fabrics	2.0	0.4~3.5	5.5	2.5~7.0	P.42
Bridging	031 	Patchwork stitching and decorative stitching	2.0	0.4~3.5	5.5	2.5~7.0	P.42
Feather	032 	Decorative stitching, patchwork	2.0	1.0~3.0	5.5	2.5~7.0	P.42
Fagoting stitch	033 	Fagoting, patchwork and decorative stitching	2.5	1.0~3.0	7.0	3.0~7.0	P.36,42
Decorative	034 	Decorative stitching	2.5	1.0~3.0	7.0	3.0~7.0	
Fagoting stitch	035 	Decorative stitch	1.5	0.9~1.5	7.0	4.0~7.0	P.36
Scallop stitch	036 	Decorative stitching	1.5	0.9~2.0	0.0	0.0	P.38,43



















STITCH REFERENCE CHART

Stitch Name	Pattern	Application	Stitch Length [mm]		Stitch Width [mm]		REF. PAGE NO.
			Auto	Manual	Auto	Manual	
Scallop stitch	037 	Decorative stitching	2.0	1.0~2.0	0.0	0.0	P.38,43
Scallop stitch	038 	Decorative stitching	1.5	1.0~2.0	0.0	0.0	P.43
Decorative	039 	Decorative stitching	0.0	0.0	0.0	0.0	P.43
Decorative	040 	Decorative stitching	2.0	1.0~2.0	7.0	5.0~7.0	P.43
Fagoting cross stitch	041 	Decorative stitching	2.0	1.0~2.0	5.5	2.5~7.0	P.36,42,43
Ladder stitch	042 	Decorative stitching	3.0	1.0~3.0	5.5	2.5~7.0	P.42,43
Hemstitching	043 	Decorative stitching	2.0	1.0~3.0	4.5	2.5~7.0	P.25,36,42,43
Overcasting	044 	Overcasting on thick or stretch fabrics, applique	2.5	1.5~3.5	4.5	2.5~7.0	P.24,42,43
Decorative applique	045 	Applique, decorative stitching	3.0	0.4~5.0	4.0	1.0~7.0	P.42,43
Decorative	046 	Applique, decorative stitching	3.0	0.4~5.0	4.0	1.0~7.0	P.37,42,43
Decorative overcasting	047 	Applique, decorative stitching	2.2	1.5~3.0	4.5	2.5~7.0	P.24,37,42,43
Decorative	048 	Applique, decorative stitching	2.2	1.5~3.0	4.5	2.5~7.0	P.42,43
Hemstitching	049 	Decorative hemming on thick medium weight and plain weave fabrics, heirloom stitching, etc	2.6	1.5~3.0	5.5	2.5~7.0	P.42,43
Quilting stitch	050 	Patchwork stitches, decorative stitching	2.5	1.0~3.5	5.5	2.5~7.0	P.43
Hemstitching	051 	Decorative hems and bridging stitch	3.0	1.5~3.5	7.0	2.5~7.0	P.43
Decorative stitch	052 	Decorative stitching	3.0	1.0~3.5	5.5	2.5~7.0	P.43
Decorative stitch	053 	Decorative stitching	0.0	0.0	0.0	0.0	P.43
Decorative stippling stitch	054 	Decorative stitching	2.0	0.8~2.0	5.5	3.0~7.0	P.36,43



















STITCH REFERENCE CHART

Stitch Name	Pattern	Application	Stitch Length [mm]		Stitch Width [mm]		REF. PAGE NO.
			Auto	Manual	Auto	Manual	
Hemstitching	055 	Decorative stitch	2.5	1.5~3.5	5.5	4.0~7.0	P.43
Blind hem stretch stitch	056 	Decorative stitch	1.0	0.3~2.0	5.5	2.5~7.0	P.43
Decorative stitch	057 	Decorative stitch	3.0	1.5~3.5	5.0	2.0~6.0	P.43
Decorative stitch	058 	Decorative stitch	3.0	1.5~3.5	7.0	2.5~7.0	P.43
Decorative stitch	059 	Decorative stitch	3.0	1.5~3.5	7.0	2.5~7.0	P.43
Decorative stitch	060 	Decorative stitch	3.0	1.5~3.5	7.0	2.5~7.0	P.43
Decorative stitch	061 	Decorative stitch	3.0	1.5~3.5	5.5	2.5~7.0	P.43
Decorative stitch	062 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	063 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	064 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	065 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	066 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	067 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	068 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	069 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	070 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	071 	Decorative stitch	3.0	1.0~3.0	7.0	2.5~7.0	P.43
Decorative stitch	072 	Decorative stitch	2.0	1.0~2.0	7.0	4.0~7.0	P.43



















STITCH REFERENCE CHART

Stitch Name	Pattern	Application	Stitch Length [mm]		Stitch Width [mm]		REF. PAGE NO.
			Auto	Manual	Auto	Manual	
Decorative stitch	073 	Decorative stitch	3.5	1.5~3.5	7.0	2.5~7.0	P.43
Decorative stitch	074 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	075 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	076 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	077 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	078 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	079 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	080 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	081 	Decorative stitch	2.0	1.0~2.0	7.0	4.0~7.0	P.43
Decorative stitch	082 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	083 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	084 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	085 	Decorative stitch	2.0	1.0~2.0	7.0	4.0~7.0	P.43
Decorative stitch	086 	Decorative stitch	2.0	1.0~2.0	7.0	4.0~7.0	P.43
Decorative stitch	087 	Decorative stitch	3.5	1.5~3.5	7.0	3.0~7.0	P.43
Decorative stitch	088 	Decorative stitch	3.5	1.5~3.5	7.0	3.0~7.0	P.43
Decorative stitch	089 	Decorative stitch	3.5	1.5~3.5	7.0	3.0~7.0	P.43
Decorative stitch	090 	Decorative stitch	2.0	1.0~2.0	7.0	4.0~7.0	P.43



















STITCH REFERENCE CHART

Stitch Name	Pattern	Application	Stitch Length [mm]		Stitch Width [mm]		REF. PAGE NO.
			Auto	Manual	Auto	Manual	
Decorative stitch	091 	Decorative stitch	2.0	1.0~2.0	7.0	4.0~7.0	P.43
Honeycomb stitch	092 	Heirloom, decorative hems	2.0	1.0~2.0	0.0	0.0	P.43
Honeycomb stitch	093 	Heirloom, decorative hems	3.0	1.0~3.0	7.0	4.0~7.0	P.43
Honeycomb stitch	094 	Heirloom, decorative hems	3.0	1.5~3.0	5.5	2.5~7.0	P.36,34
Decorative stitch	095 	Decorative stitch	3.0	1.0~3.0	7.0	4.0~7.0	P.43
Decorative stitch	096 	Decorative stitch	1.5	0.9~2.0	7.0	5.0~7.0	P.43
Decorative stitch	097 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	098 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	099 	Decorative stitch	1.5	0.9~1.5	7.0	4.0~7.0	P.43
Decorative stitch	100 	Decorative stitch	1.5	0.9~1.5	7.0	4.0~7.0	P.43
Decorative stitch	101 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	102 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	103 	Decorative stitch	1.5	1.0~2.0	7.0	4.0~7.0	P.43
Decorative stitch	104 	Decorative stitch	1.5	1.0~2.0	7.0	4.0~7.0	P.43
Decorative stitch	105 	Decorative stitch	2.0	1.0~2.0	0.0	0.0	P.43
Decorative stitch	106 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	107 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	108 	Decorative stitch	0.0	0.0	0.0	0.0	P.43



















STITCH REFERENCE CHART

Stitch Name	Pattern	Application	Stitch Length [mm]		Stitch Width [mm]		REF. PAGE NO.
			Auto	Manual	Auto	Manual	
Decorative stitch	109 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	110 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	111 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	112 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	113 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	114 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	115 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	116 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	117 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	118 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	119 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	120 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	121 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	122 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	123 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	124 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	125 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	126 	Decorative stitch	0.0	0.0	0.0	0.0	P.43



















STITCH REFERENCE CHART

Stitch Name	Pattern	Application	Stitch Length [mm]		Stitch Width [mm]		REF. PAGE NO.
			Auto	Manual	Auto	Manual	
Decorative stitch	127 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	128 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	129 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	130 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	131 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	132 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	133 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	134 	Decorative stitch	0.6	0.3~1.0	7.0	4.0~7.0	P.43
Decorative stitch	135 	Decorative stitch	0.6	0.3~1.0	7.0	4.0~7.0	P.43
Satin Scallop stitch	136 	Decorative stitch	0.6	0.3~1.0	0.0	0.0	P.38,34
Decorative stitch	137 	Decorative stitch	0.6	0.3~0.8	0.0	0.0	P.43
Decorative stitch	138 	Decorative stitch	0.6	0.3~0.8	0.0	0.0	P.43
Decorative stitch	139 	Decorative stitch	0.6	0.3~0.8	0.0	0.0	P.43
Decorative stitch	140 	Decorative stitch	0.6	0.3~0.8	0.0	0.0	P.43
Decorative stitch	141 	Decorative stitch	0.6	0.3~0.8	0.0	0.0	P.43
Decorative stitch	142 	Decorative stitch	0.6	0.3~0.8	0.0	0.0	P.43
Decorative stitch	143 	Decorative stitch	0.6	0.3~0.8	0.0	0.0	P.43
Decorative stitch	144 	Decorative stitch	0.6	0.3~0.8	0.0	0.0	P.43



















STITCH REFERENCE CHART

Stitch Name	Pattern	Application	Stitch Length [mm]		Stitch Width [mm]		REF. PAGE NO.
			Auto	Manual	Auto	Manual	
Decorative stitch	145 	Decorative stitch	0.6	0.3~0.8	0.0	0.0	P.43
Decorative stitch	146 	Decorative stitch	0.6	0.3~0.8	0.0	0.0	P.43
Decorative stitch	147 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	148 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	149 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	150 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	151 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	152 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	153 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	154 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	155 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	156 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	157 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	158 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	159 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	160 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	161 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	162 	Decorative stitch	0.0	0.0	0.0	0.0	P.43





STITCH REFERENCE CHART

Stitch Name	Pattern	Application	Stitch Length [mm]		Stitch Width [mm]		REF. PAGE NO.
			Auto	Manual	Auto	Manual	
Decorative stitch	163 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	164 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	165 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	166 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	167 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	168 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	169 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	170 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	171 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	172 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	173 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	174 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	175 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	176 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	177 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	178 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	179 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	180 	Decorative stitch	0.0	0.0	0.0	0.0	P.43

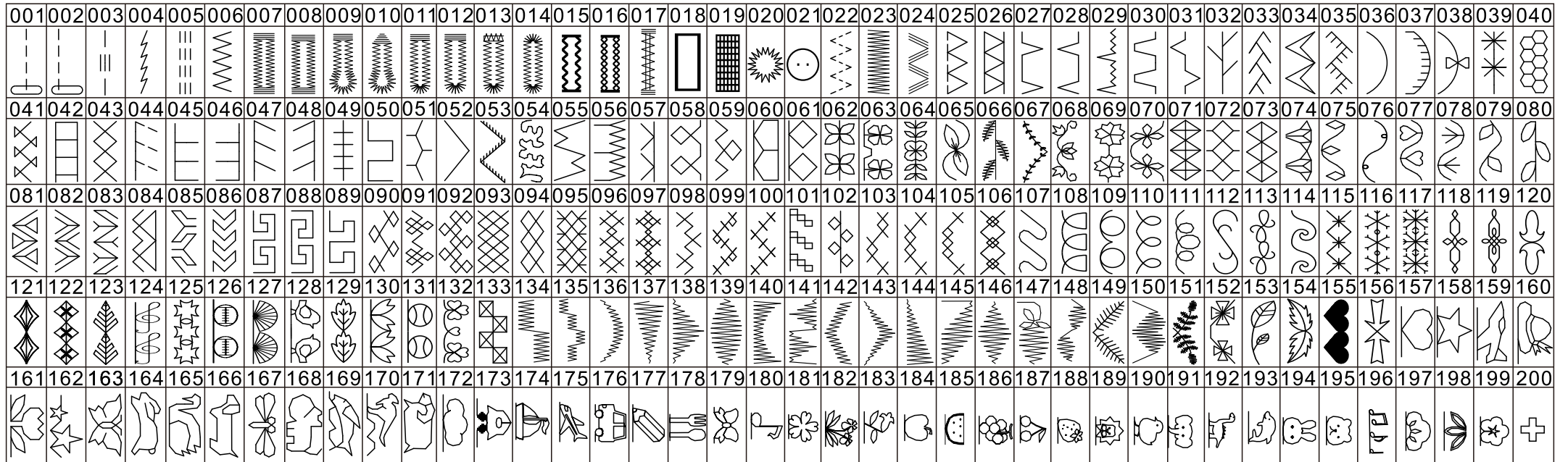
STITCH REFERENCE CHART

Stitch Name	Pattern	Application	Stitch Length [mm]		Stitch Width [mm]		REF. PAGE NO.
			Auto	Manual	Auto	Manual	
Decorative stitch	181 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	182 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	183 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	184 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	185 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	186 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	187 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	188 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	189 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	190 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	191 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	192 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	193 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	194 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	195 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	196 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	197 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	198 	Decorative stitch	0.0	0.0	0.0	0.0	P.43

STITCH REFERENCE CHART

Stitch Name	Pattern	Application	Stitch Length [mm]		Stitch Width [mm]		REF. PAGE NO.
			Auto	Manual	Auto	Manual	
Decorative stitch	199 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Decorative stitch	200 	Decorative stitch	0.0	0.0	0.0	0.0	P.43
Character Stitches		Character Stitches	0.0	0.0	0.0	0.0	P.44
Character Stitches		Character Stitches	0.0	0.0	0.0	0.0	P.44

STITCH CHART



201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240			
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Á	Ä	Å	Æ	Ç	È	É	Ë	Í	Ö	Ø	Ó	Ü	Ñ			
241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280			
a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	u	v	w	x	y	z	á	ä	å	æ	ç	è	é	ë	í	ö	ø	ó	ü	ñ			
281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300																							
0	1	2	3	4	5	6	7	8	9	[]	-	.	@	'	/	~	?	!	&																							
301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340			
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Á	Ä	Å	Æ	Ç	È	É	Ë	Í	Ö	Ø	Ó	Ü	Ñ			
341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380			
a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	u	v	w	x	y	z	á	ä	å	æ	ç	è	é	ë	í	ö	ø	ó	ü	ñ			
381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400																							
0	1	2	3	4	5	6	7	8	9	[]	-	.	@	'	/	~	?	!	&																							

A

A