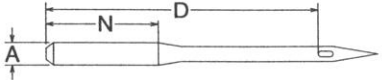















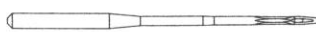




















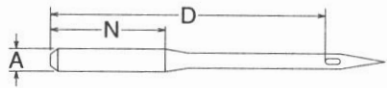



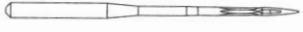















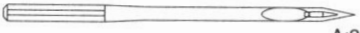













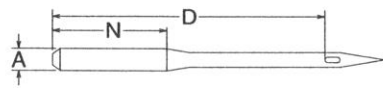







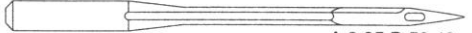



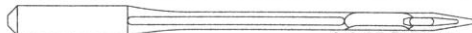





















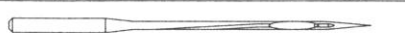

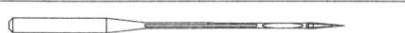


SYSTEM 記号	POINT 先端	NEEDLE PHOTO 針イメージ図	NEEDLE SIZES 番手	REMARKS 備考欄
				
DP × 35K		 A:2.00 D:38.20 N:13.50	10 12 14 16 18 19 21 22 22½ 23½ 70 80 90 100 110 120 130 140 150 170	lock stitch 本縫い
DP × 35LL		 A:2.00 D:38.20 N:13.50	12 14 16 18 19 21 22 25 80 90 100 110 120 130 140 200	for leather 皮革用
DP × 35LR		 A:2.00 D:38.20 N:13.50	10 12 13 14 16 18 19 20 21 22 22½ 23 24 25 70 80 85 90 100 110 120 125 130 140 150 160 180 200	for leather 皮革用
DP × 35P		 A:2.00 D:38.20 N:13.50	10 12 14 16 19 21 22 70 80 90 100 120 130 140	for leather 皮革用
DP × 35PCL		 A:2.00 D:38.20 N:13.50	10 12 14 16 18 19 21 70 80 90 100 110 120 130	for leather 皮革用
DP × 35R		 A:2.00 D:38.20 N:13.50	8 9 10 11 12 13 14 16 18 19 20 21 22 22½ 23 23½ 24 25 60 65 70 75 80 85 90 100 110 120 125 130 140 150 160 170 180 200	welt seam 本縫玉縁用
DP × 35R - NY2		 A:2.00 D:38.20 N:13.50	14 16 18 19 20 21 22 23 90 100 110 120 125 130 140 160	for avoiding skipped stitches 目飛び対策針
DP × 35R - SK1		 A:2.00 D:38.20 N:13.50	14 16 18 19 20 21 22 23 90 100 110 120 125 130 140 160	
DP × 35S		 A:2.00 D:38.20 N:13.50	14 16 18 19 21 22 23 90 100 110 120 130 140 160	for leather 皮革用
DP × 35VR		 A:2.00 D:38.20 N:13.50	12 16 18 19 80 100 110 120	for leather 皮革用
DP × 39		 A:2.00 D:33.90 N:18.00	9 10 12 14 16 18 19 21 65 70 80 90 100 110 120 130	lock stitch 本縫い
DP × 58		 A:2.00 D:33.90 N:12.50~11.50	9 10 11 12 14 16 18 19 65 70 75 80 90 100 110 120	zigzag stitch 千鳥縫用
DP × 85		 A:2.00 D:38.20 N:13.50	12 14 16 18 19 80 90 100 110 120	welt seam 本縫玉縁用
DP × 85CL		 A:2.00 D:38.20 N:13.50	12 14 16 18 19 21 22 80 90 100 110 120 130 140	welt seam 本縫玉縁用
DP × 85CR		 A:2.00 D:38.20 N:13.50	12 14 16 18 19 21 22 80 90 100 110 120 130 140	welt seam 本縫玉縁用
DP × 134		 A:2.00 D:33.90 N:13.50~11.50	7 8 9 10 11 12 13 14 16 18 19 20 21 22 22½ 23 24 25 55 60 65 70 75 80 85 90 100 110 120 125 130 140 150 160 180 200	lock stitch, buttonholing 本縫用 穴かがり用
DP × 134HS		 A:2.00 D:33.90 N:13.50~11.50	10 11 12 14 16 18 22 70 75 80 90 100 110 140	heatproof needle 熱対策針
DP × 134LE		 A:2.00 D:33.90 N:13.50~11.50	9 10 11 12 14 18 19 21 22 23 65 70 75 80 90 110 120 130 140 160	decorative stitch 飾りステッチ用

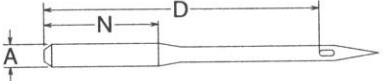

















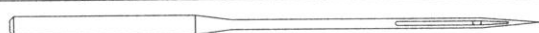

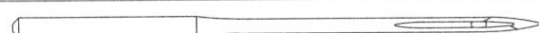

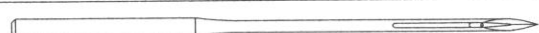

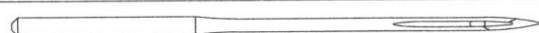

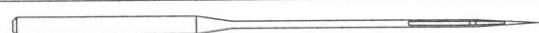

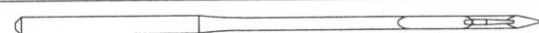

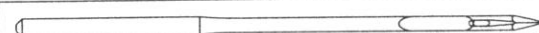

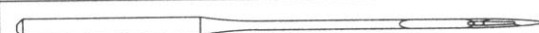



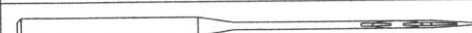
※ALTHOUGH NOT DESCRIBED ABOVE, WE CAN PROVIDE A FULL ASSORTMENT OF BALL POINT NEEDLE.

SYSTEM 記号	POINT 先端	NEEDLE PHOTO 針イメージ図	NEEDLE SIZES 番手	REMARKS 備考欄
				
DP × 134 - NY2		 A:2.00 D:33.90 N:13.50~11.50	9 10 11 12 14 16 18 19 20 21 22 23 65 70 75 80 90 100 110 120 125 130 140 160	for avoiding skipped stitches 目飛び対策針
DP × 134 - SK1		 A:2.00 D:33.90 N:13.50~11.50	14 16 18 19 20 21 22 23 90 100 110 120 125 130 140 160	
DP × 265		 A:2.00 D:34.00 N:13.50	10 11 12 14 16 18 19 70 75 80 90 100 110 120	for foundation garments ファンデーション用
DP × 438		 A:2.00 D:33.90 N:13.50	8 9 10 11 12 14 16 18 19 60 65 70 75 80 90 100 110 120	lock stitch, zigzag stitch 本縫千鳥用
DP × 438KK		 A:2.00 D:33.90 N:11.50	10 12 14 16 18 19 70 80 90 100 110 120	lock stitch, zigzag stitch 本縫千鳥用
DP × 438LL		 A:2.00 D:33.90 N:13.50	14 16 18 19 90 100 110 120	for leather 皮革用
DP × 438LR		 A:2.00 D:33.90 N:13.50	16 18 100 110	for leather 皮革用
DP × 2655EO		 A:2.00 D:33.90 N:13.50	10 12 14 16 18 19 70 80 90 100 110 120	lock stitch, zigzag stitch 本縫千鳥用
DP - C73		 A:2.00 D:33.90 N:12.50	9 10 65 70	DP × 5KN with flat shank DP × 5KNの平取針
DP - C80		 A:2.00 D:39.00 N:13.00	19 20 21 22 23 24 25 120 125 130 140 160 180 200	DP × 17 with flat shank DP × 17の平取針
DP - C80 - NY2		 A:2.00 D:39.00 N:13.00	19 21 22 23 120 130 140 160	
DP - C119 - NY2		 A:2.00 D:39.00 N:13.00	19 22 23 120 140 160	DP × 17 - NY2 with flat shank DP × 17 - NY2の平取針
DP - F3		 A:2.00 D:33.90 N:12.50	11 14 16 18 75 90 100 110	for leather 皮革用
DP × F22		 A:2.00 D:33.90 N:12.50~11.50	9 10 11 12 14 16 18 19 20 21 22 23 65 70 75 80 90 100 110 120 125 130 140 160	for leather 皮革用
DP - G65		 A:2.00 D:33.90 N:12.50	9 10 11 65 70 75	for foundation garments ファンデーション用
DPN - 1032B		 A:1.00 (E:44.40)	32 38 49 80 100 115	hand stitch ハンドステッチ用
DPN - 2000A		 A:1.00/1.13 (E:44.40)	38 49 100 115	button sewing (button neck wrapping) 根巻ボタン付用
DPN - 2000ALG		 A:1.13 (E:59.40)	38 49 100 115	button sewing (for stay button) カボタン用

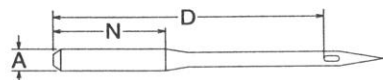

















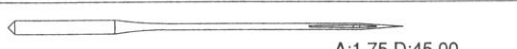


















※ALTHOUGH NOT DESCRIBED ABOVE, WE CAN PROVIDE A FULL ASSORTMENT OF BALL POINT NEEDLE.

SYSTEM 記号	POINT 先端	NEEDLE PHOTO 針イメージ図	NEEDLE SIZES 番手	REMARKS 備考欄
				
DP - N29		 A:2.00 D:39.00 N:10.00	11 14 75 90	button sewing DP×17 with shorter shank ボタン付け DP × 17 N寸短
DP - N31		 A:2.00 D:39.00 N:11.50	11 14 75 90	button sewing DP×17 with shorter shank ボタン付け DP × 17 N寸短
DR × 2		 A:3.95 D:53.45 N:16.00	23 24 25 26 27 28 29 30 31 160 180 200 230 250 280 300 330 350	bag sewing (heavy material) 厚袋縫用
DR × 4		 A:3.95 D:53.40 N:16.50~16.00	26 28 29 30 31 32 34 36 230 280 300 330 350 380 430 480	for hemp bag 麻袋縫用
DR × 600		 A:3.95 D:54.00 N:16.00	25 27 200 250	quilting キルティング用
DR - H30		 A:3.95 D:53.45 N:16.00	26 230	
DT × 1		 A:1.95 D:28.95 N:13.00	9 11 14 16 18 19 21 22 23 24 65 75 90 100 110 120 130 140 160 180	chain stitch 環縫い用
DU × 1		 A:1.90 D:48.45 N:17.50	1 2 3 4 5 6 7 8 90 100 110 120 130 150 170 190	for shoes ドイツ八方靴用
DU × 2LR		 A:1.90 D:48.45 N:17.50	1 2 4 5 6 7 8 9 90 100 120 130 150 170 190 200	for shoes ドイツ八方靴用
DV × 1		 A:2.00 D:39.00 N:13.50	7 8 9 10 11 12 13 14 16 18 19 20 21 22 23 24 25 55 60 65 70 75 80 85 90 100 110 120 125 130 140 160 180 200	2-needles double chain stitch 平2本二重環縫用
DV × 40SP		 A:2.00 D:38.60 N:13.00	16 18 20 21 22 100 110 125 130 140	for leather 皮革用
DV × 43		 A:2.00 D:39.00 N:13.50	9 10 11 12 13 14 16 18 65 70 75 80 85 90 100 110	double chain stitch (=TV × 3 for size 19 and over) 二重環縫用 (19以上はTV × 3)
DV × 57		 A:2.00 D:38.60 N:13.00	9 10 11 12 13 14 16 18 19 20 21 22 22½ 23 24 25 65 70 75 80 85 90 100 110 120 125 130 140 150 160 180 200	double chain stitch for thicker material (twisted groove) 厚物二重環縫用 溝ひねり針
DV × 57LE		 A:2.00 D:38.70 N:13.00	16 18 19 20 21 22 24 100 110 120 125 130 140 180	double chain stitch (DV × 57 with larger needle-eye) 二重環縫用 DV × K57のJ・K寸大
DV × 57LE - NY2		 A:2.00 D:38.60 N:13.00	18 19 110 120	
DV × 57 - NY2		 A:2.00 D:38.60 N:13.00	18 19 20 21 22 110 120 125 130 140	
DV × 59		 A:2.00 D:41.50 N:13.00	14 16 18 19 20 21 22 23 24 25 90 100 110 120 125 130 140 160 180 200	double chain stitch for thicker material (twisted groove) 厚物二重環縫用 溝ひねり針
DV × 63		 A:2.00 D:39.00 N:13.50	7 8 9 10 11 12 13 14 16 18 19 20 21 22 23 55 60 65 70 75 80 85 90 100 110 120 125 130 140 160	2/3-needles double chain stitch 2本針 3本針 二重環縫用

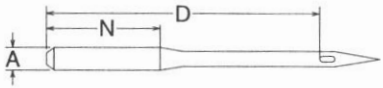





















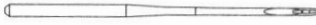





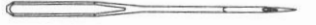








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SYSTEM 記号	POINT 先端	NEEDLE PHOTO 針イメージ図	NEEDLE SIZES 番手	REMARKS 備考欄
				
DV × 210		 A:2.00 D:49.00 N:13.00	21 22 23 24 130 140 160 180	quilting キルティング用
DV × 600		 A:2.00 D:54.00 N:20.00~17.00	14 18 21 23 24 90 110 130 160 180	quilting キルティング用
DV × 650		 A:2.00 D:54.00 N:16.00	14 16 18 90 100 110	auto-fastening 自動とじ結び用
DV × 971B		 A:2.00 D:38.90 N:14.50	12 14 16 18 19 20 21 22 80 90 100 110 120 125 130 140	cuff sewing カフス縫用
DV - C65		 A:2.00 D:39.00 N:14.50	8 9 10 11 60 65 70 75	UY × 128GASのフラット加工針
DV - C79		 A:2.00 D:39.00 N:14.50	8 9 10 11 12 60 65 70 75 80	DV-K28 with flat shank DV-K28の平取針
DV × G9		 A:2.00 D:39.00 N:13.50	8 9 11 12 13 14 60 65 75 80 85 90	double chain stitch 二重環縫用
DV - K28		 A:2.00 D:39.00 N:14.50	8 9 10 11 12 60 65 70 75 80	double chain stitch (DV × 63 with larger needle-eye) 二重環縫用 DV × 63のJ・K寸大とF寸長
DY × 1		 A:2.50 D:60.10 N:24.00~22.00	16 18 19 21 22 23 24 25 26 27 28 29 100 110 120 130 140 160 180 200 230 250 280 300	for thicker material (tent, etc) テント・シート等厚物用
DY × 2		 A:2.50 D:60.10 N:24.00~22.00	24 25 26 180 200 230	for thicker material (tent, etc) テント・シート等厚物用
DY × 2DIA		 A:2.50 D:60.10 N:24.00~22.00	23 24 25 26 160 180 200 230	for thicker material (tent, etc) テント・シート等厚物用
DY × 2LR		 A:2.50 D:60.10 N:24.00~22.00	24 25 26 180 200 230	for thicker material (tent, etc) テント・シート等厚物用
DY × 3		 A:2.50 D:60.00 N:24.00~22.00	10 12 14 16 18 19 20 21 22 23 24 25 26 27 28 29 70 80 90 100 110 120 125 130 140 160 180 200 230 250 280 300	mat closing ふとんとじ
DY × 3D		 A:2.50 D:60.00 N:24.00~22.00	24 25 26 180 200 230	for thicker material (tent, etc) テント・シート等厚物用
DY × 3DIA		 A:2.50 D:60.00 N:24.00~22.00	25 26 27 200 230 250	for thicker material (tent, etc) テント・シート等厚物用
DY × 3LL		 A:2.50 D:60.00 N:24.00~22.00	19 24 25 26 27 120 180 200 230 250	for thicker material (tent, etc) テント・シート等厚物用
DY × 3LR		 A:2.50 D:60.00 N:24.00~22.00	23 24 25 26 29 160 180 200 230 300	for thicker material (tent, etc) テント・シート等厚物用
DY × 23		 A:2.50 D:52.90 N:23.50	16 18 19 20 21 22 23 24 25 26 27 28 100 110 120 125 130 140 160 180 200 230 250 280	for thicker material (tent, etc) テント・シート等厚物用

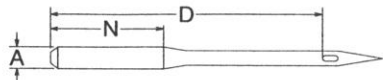























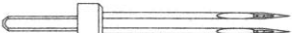

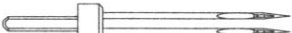

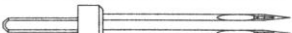








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SYSTEM 記号	POINT 先端	NEEDLE PHOTO 針イメージ図	NEEDLE SIZES 番手	REMARKS 備考欄
				
DY × 794		 A:2.50 D:60.00 N:20.50	24 180	quilting キルティング用
EB × 1		 A:2.02 D:49.20 N:21.00	9 11 12 14 16 18 19 21 22 23 65 75 80 90 100 110 120 130 140 160	quilting キルティング用
EB × 2		 A:2.02 D:49.20 N:21.00	11 12 14 16 18 19 21 22 23 75 80 90 100 110 120 130 140 160	quilting (with flat shank) キルティング用 (平取有)
EB × 3		 A:2.00 D:56.00 N:21.00	16 18 19 21 100 110 120 130	quilting (with flat shank) キルティング用 (平取有)
EB × 750		 A:1.62 D:33.20 N:12.50	8 9 10 11 12 14 16 18 19 20 21 22 60 65 70 75 80 90 100 110 120 125 130 140	buttonholing, bartacking 穴かがり門止用
EB × 755		 A:1.62 D:33.00 N:12.00	8 9 10 11 12 14 16 18 19 20 21 23 60 65 70 75 80 90 100 110 120 125 130 160	eyelet buttonholing 鳩目穴かがり用
EB × 755NS		 A:1.62 D:33.00 N:12.00	11 12 14 75 80 90	for new synthetic material 新合繊用
EB × 1567		 A:1.38 D:33.50 N:16.00	22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 35 40 45 50 55 60 65 70 75 80 90 100 110 120 130 140	for fur sewing, cupseamer 毛皮用カップシーマー
EE × 1		 A:1.75 D:45.00 N:14.00	11 12 14 16 18 19 20 21 22 23 24 75 80 90 100 110 120 125 130 140 160 180	for thicker material (felt, etc) フェルト等厚物用本縫
EL × 705		 A:2.02 D:33.90 N:11.50	11 12 14 75 80 90	for home-use overlock 家庭用ロック針
EY × 1		 A:1.91D:35.40 N:13.50	12 80	for book binding (sewing) 製本用縫針
FL × 1A		 A:1.50 N:16.50	7 8 9 10 11 12 13 14 16 18 19 21 55 60 65 70 75 80 85 90 100 110 120 130	flat-lock フラットロック用
FL × 2A		 A:1.50 N:16.00	8 9 10 11 12 13 14 16 18 60 65 70 75 80 85 90 100 110	flat-lock フラットロック用
FL × 118A		 A:1.50 D:36.60 N:16.50	8 9 10 11 12 14 16 18 60 65 70 75 80 90 100 110	flat-seamer フラットシーマー
FL × 118GBS		 A:1.50 D:36.60 N:16.50	8 9 10 11 12 14 16 60 65 70 75 80 90 100	flat-seamer フラットシーマー
FL × 118GCS		 A:1.50 D:36.60 N:16.50	8 9 10 11 12 60 65 70 75 80	flat-seamer (with scarf) フラットシーマー エグリ付き
FL × 118GCS - NY2		 A:1.50 D:36.60 N:16.50	9 10 11 65 70 75	
FL × 118GCSSF		 A:1.50 D:36.60 N:16.50	9 10 11 65 70 75	for super fine gauge knitted fabric 超ファインゲージニット用

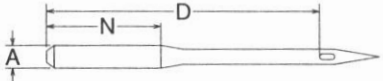

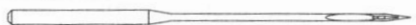

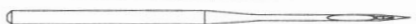

















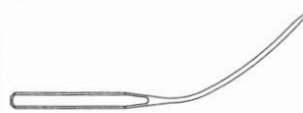
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SYSTEM 記号	POINT 先端	NEEDLE PHOTO 針イメージ図	NEEDLE SIZES 番手	REMARKS 備考欄
				
FL × 118GKS		 A:1.50 D:36.60 N:16.50	11 75	
FL × 1014A		 A:1.48 D:39.00 N:15.50	9 10 11 65 70 75	4/5-needles without scarf 平4~5本針 エグリなし
FL × 1014B		 A:1.48 D:39.00 N:15.50	9 10 11 65 70 75	4/5-needles with scarf 平4~5本針 エグリ付き
FL × 1014D		 A:1.48 D:39.00 N:15.50	10 12 70 80	FL × 1014B without rear groove FL × 1014Bの片溝針
FL - K29		 A:1.50 D:36.60 N:16.50	10 11 70 75	FL × 118A with smaller needle-eye FL × 118Aの糸穴小
FL - K30		 A:1.50 D:36.60 N:16.50	10 11 70 75	FL × 118GBS with smaller needle-eye FL × 118GBSの糸穴小
FLG - 1		 A:1.50 (E:41.20) N:15.00	7 8 9 10 11 12 55 60 65 70 75 80	flat-seamer (guiding needle) フラットシーマー ガイド針
FLG - 8		 A:1.50 D:41.20 N:15.00	8 60	flat-seamer (guiding needle with scarf) フラットシーマー ガイド針エグリ付
FLG - 9		 A:1.48 (E:45.20) N:12.50	8 60	flat-seamer (guiding needle) フラットシーマー ガイド針
FO × 3		 A:1.75 D:39.00 N:16.00	14 16 18 19 20 21 22 24 90 100 110 120 125 130 140 180	ruffling ひだよせ用
FO × 9		 A:1.75 D:39.00 N:13.00	12 14 16 18 19 20 21 22 23 24 80 90 100 110 120 125 130 140 160 180	ruffling ひだよせ用
FV × 1		 A:1.62 D:37.40 N:16.50~14.00	11 12 14 16 18 19 20 21 22 23 24 75 80 90 100 110 120 125 130 140 160 180	ruffling of curtain カーテン飾りヒダ取用
HA × 1		 A:2.02 D:33.80 N:11.70	7 8 9 10 11 12 13 14 16 18 19 20 21 22 23 55 60 65 70 75 80 85 90 100 110 120 125 130 140 160	for domestic sewing machine 家庭用ミシン針
HA × 1BR		 A:2.02 D:33.80 N:12.50~11.70	9 11 14 16 65 75 90 100	for domestic sewing machine 家庭用ミシン針
HA × 1DE		 A:2.02 D:33.80 N:11.70	16 100	for denim デニム用
HA × 1EB		 A:2.02 D:33.90 N:11.70	11 14 75 90	for embroidery stitch 刺繍用
HA × 1GT		 A:2.02 D:33.80 N:11.70	7 55	for geogette ジョーゼット用
HA × 1LL		 A:2.02 D:33.80 N:11.70	11 14 16 21 75 90 100 130	for leather レザー用

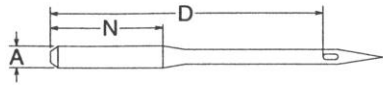



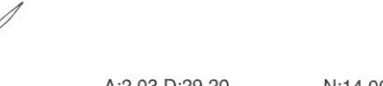
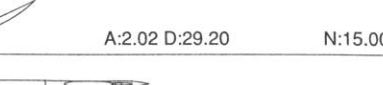
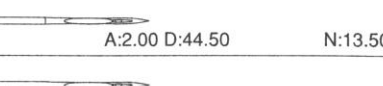

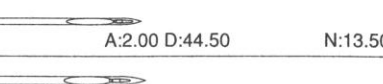
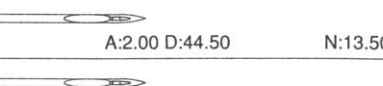



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SYSTEM 記号	POINT 先端	NEEDLE PHOTO 針イメージ図	NEEDLE SIZES 番手	REMARKS 備考欄
				
HA × 1QU		 A:2.02 D:33.80 N:11.70	11 14 75 90	for quilting キルティング用
HA × 1SP		 A:2.02 D:33.80 N:11.70	9 11 12 14 65 75 80 90	for knitted fabric ニット用
HA × 1ST		 A:2.02 D:33.80 N:11.70	11 12 14 75 80 90	for stitch ステッチ用
HA × 130		 A:2.02 D:33.80 N:11.70	7 8 9 10 11 12 14 16 18 19 20 21 22 23 55 60 65 70 75 80 90 100 110 120 125 130 140 160	
HA × 130EB		 A:2.02 D:33.90 N:11.70	9 10 11 12 14 65 70 75 80 90	
HA × 130EBBR		 A:2.02 D:33.90 N:12.50	11 75	
HA × 130LL		 A:2.02 D:33.80 N:11.70	14 16 90 100	
HA × 130MF		 A:2.02 D:33.80 N:11.70	8 14 16 60 90 100	
HA × 130N		 A:2.02 D:33.50 N:11.70	12 14 16 80 90 100	
HA × 130QU		 A:2.02 D:33.80 N:11.70	11 12 14 75 80 90	
HL × 5		 A:2.00 D:33.90 N:12.50~11.50	9 10 11 12 14 16 18 20 65 70 75 80 90 100 110 125	for home-use overlock 家庭用ロック針
HZ × 1		 A:2.02 D:33.80 N:10.00	2/11 2/12 2/14 2/16	2-needles zigzag stitch ジグザグ2本針
HZ × 705H		 A:2.02 D:33.80 N:10.00	10 12 14 16 70 80 90 100	2-needles zigzag stitch ジグザグ2本針
HZ × 705HS		 A:2.02 D:33.80 N:10.00	4/11 2.5/11 75 75	2-needles zigzag stitch ジグザグ2本針
LA × 71EL		 A:2.00 D:44.50~58.50 N:14.00	18 19 21 22 23 24 25 26 110 120 130 140 160 180 200 230	flat shank, left eccentric point 平取針 尖頭左偏芯
LA × 71ER		 A:2.00 D:44.50~58.50 N:14.00	10 12 14 18 19 22 23 24 26 70 80 90 110 120 140 160 180 230	flat shank, right eccentric point 平取針 尖頭右偏芯
LA × 81		 A:1.98 D:41.50 N:14.50	12 14 16 18 19 21 22 23 24 80 90 100 110 120 130 140 160 180	lock stitch 本縫い
LA × 81LR		 A:1.98 D:41.50 N:14.50	12 14 18 19 21 22 23 24 25 80 90 110 120 130 140 160 180 200	for leather 皮革用

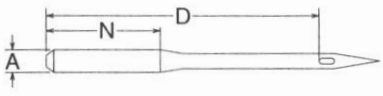

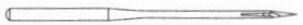













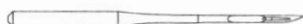

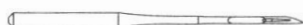





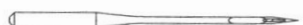












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SYSTEM 記号	POINT 先端	NEEDLE PHOTO 針イメージ図	NEEDLE SIZES 番手	REMARKS 備考欄
				
LA × 88		 A:1.90 D:48.50 N:18.50	14 16 18 19 21 22 23 90 100 110 120 130 140 160	quilting キルティング用
LA × 215		 A:1.90 D:48.50 N:26.00	12 14 16 18 19 21 80 90 100 110 120 130	quilting キルティング用
LA × 1617		 A:2.00 D:31.60 N:10.50	10 11 12 14 16 18 19 21 70 75 80 90 100 110 120 130	basting しつけ用
LQ × 5		 A:1.62 D:33.90 N:12.00	7 8 9 10 11 12 13 14 16 18 19 20 21 22 23 24 55 60 65 70 75 80 85 90 100 110 120 125 130 140 160 180	bartacking 門止用
LQ × 5KN		 A:1.62 D:33.90 N:12.00	12 80	for knitted fabric ニット用
LW × 1T		 A:2.02 D:36.20 N:10.00	8 9 10 11 12 14 16 18 19 21 60 65 70 75 80 90 100 110 120 130	felled seam, blind stitch 伏せ縫 マツリ縫用
LW × 2T		 A:2.02 D:39.90 N:15.00	8 9 10 11 12 13 14 16 18 19 21 60 65 70 75 80 85 90 100 110 120 130	felled seam, blind stitch 伏せ縫 マツリ縫用
LW × 3T		 A:2.02 D:38.70 N:15.50	8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 60 65 70 75 80 85 90 95 100 105 110 120 125 130 140	blind stitch 盲縫 マツリ縫用
LW × 4T		 A:2.02 D:38.70 N:15.50	8 9 11 12 14 16 60 65 75 80 90 100	blind stitch 盲縫 マツリ縫用
LW × 5T		 A:2.02 D:40.70 N:15.50	0 5 10 15 20 25 30 35 40 45 50 65 70 75 80 85 90 95 100 105 110 120	blind stitch 奥マツリ用
LW × 6T		 A:2.02 D:40.00 N:15.00	1½ 2 2½ 10 3 12 13 3½ 4 4½ 5 55 60 65 70 75 80 85 90 100 110 125	felled seam, blind stitch 伏せ縫 マツリ縫用

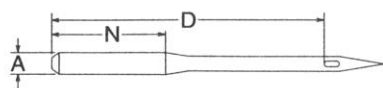















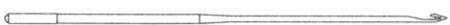





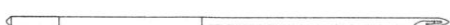














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SYSTEM 記号	POINT 先端	NEEDLE PHOTO 針イメージ図	NEEDLE SIZES 番手	REMARKS 備考欄
LW × 251EU	EM	 A:2.02 D:38.90 N:14.50	8 10 11 12 14 15 16 18 60 70 75 80 90 95 100 110	blind stitch すくい縫用
LW × 1669E	EM	 A:2.02 D:38.60~38.90 N:13.50	8 9 10 11 12 13 14 15 16 18 19 21 60 65 70 75 80 85 90 95 100 110 120 130	for padding lapel and collars ハザシ用
LW × 1669E E0	EM	 A:2.03 D:38.60 N:14.00	8 9 10 12 14 16 60 65 70 80 90 100	
LW - C5	EM	 A:2.02 D:36.20 N:10.00	8 9 10 11 12 14 16 18 19 21 60 65 70 75 80 90 100 110 120 130	felled seam, blind stitch 伏せ縫 マツリ縫用
MR - R6	J	 A:2.03 D:29.20 N:14.00	8 10 12 60 70 80	
MR - R9	R	 A:2.02 D:29.20 N:15.00	8 9 10 11 12 13 14 16 18 19 21 22½ 60 65 70 75 80 85 90 100 110 120 130 150	for Merrow メローロック用*
MT × 190	R	 A:2.00 D:44.50 N:13.50	9 10 11 12 14 16 18 19 20 21 22 22½ 23 23½ 24 25 65 70 75 80 90 100 110 120 125 130 140 150 160 170 180 200	welt seam 玉縁用パッドとじ
MT × 190NS	SPI	 A:2.00 D:44.50 N:13.50	11 14 75 90	for new synthetic material 新合繊用
MT × 190K	BUT	 A:2.00 D:44.50 N:13.50	10 12 14 16 18 19 21 22 24 70 80 90 100 110 120 130 140 180	welt seam 玉縁用パッドとじ
MT × 190LR	LR	 A:2.00 D:44.50 N:13.50	16 18 19 20 21 22 23 24 25 100 110 120 125 130 140 160 180 200	welt seam (for leather) 玉縁用パッドとじ 皮革用
NB × 5	R	 A:1.02 D:32.20 N:14.50	7 8 9 10 11 12 13 14 16 55 60 65 70 75 80 85 90 100	chain stitch 環縫い用
NQ × 1	BUT	 A:1.62 D:40.10 N:14.50	16 18 19 100 110 120	button sewing (for shoe) 靴のボタン付
PF × 34CL	CL	 A:1.62 D:34.00 N:13.50	14 16 18 90 100 110	lock stitch, bartacking 本縫門止用

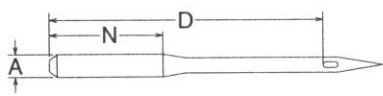









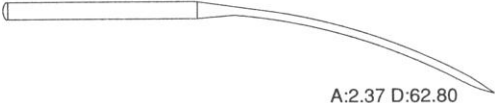











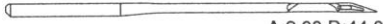




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SYSTEM 記号	POINT 先端	NEEDLE PHOTO 針イメージ図	NEEDLE SIZES 番手	REMARKS 備考欄
				
PF × 34LLCR		 A:1.62 D:33.90 N:13.50	10 11 12 70 75 80	for leather 皮革用
PF × 34P		 A:1.62 D:34.00 N:13.50	10 11 12 13 14 16 18 70 75 80 85 90 100 110	for leather 皮革用
PF × 34R		 A:1.62/1.90/2.02 D:34.00 N:13.50~11.00	8 9 10 11 12 13 14 16 18 19 20 21 22 23 24 60 65 70 75 80 85 90 100 110 120 125 130 140 160 180	lock stitch, bartacking 本縫門止用
PF × 133R		 A:2.00 D:29.80 N:13.50	8 10 12 14 16 18 19 21 60 70 80 90 100 110 120 130	lock stitch 本縫い
PF × 134CL		 A:2.00 D:33.90 N:13.50~11.50	10 12 14 16 18 19 20 21 22 22½ 70 80 90 100 110 120 125 130 140 150	2-needles lock stitch 2本針本縫用
PF × 134CR		 A:2.00 D:33.90 N:13.50~11.50	10 12 13 14 16 18 19 20 21 22 70 80 85 90 100 110 120 125 130 140	2-needles lock stitch 2本針本縫用
PF × 134D		 A:2.00 D:33.90 N:14.50~11.50	8 10 11 12 13 14 16 18 19 20 21 22 22½ 23 24 25 60 70 75 80 85 90 100 110 120 125 130 140 150 160 180 200	for leather 皮革用
PF × 134EL		 A:2.00 D:33.90 N:14.50	12 14 16 18 19 80 90 100 110 120	pipng パイピング用
PF × 134ER		 A:2.00 D:33.90 N:14.50	12 14 16 18 19 80 90 100 110 120	pipng パイピング用
PF × 134KK		 A:2.00 D:33.90 N:11.50	8 10 11 12 13 14 16 18 19 21 22 60 70 75 80 85 90 100 110 120 130 140	buttonholing 穴かがり
PF × 134KKD		 A:2.00 D:33.90 N:11.50	11 14 16 18 75 90 100 110	for leather 皮革用
PF × 134KKLR		 A:2.00 D:33.90 N:11.50	9 10 11 12 14 16 18 19 22 65 70 75 80 90 100 110 120 140	for leather 皮革用
PF × 134KKPCL		 A:2.00 D:33.90 N:11.50	9 10 11 12 14 16 18 19 20 21 22 65 70 75 80 90 100 110 120 125 130 140	for leather 皮革用
PF × 134KS		 A:2.00 D:33.90 N:14.50~11.50	9 10 11 12 13 14 16 18 19 20 21 22 22½ 23 25 26 65 70 75 80 85 90 100 110 120 125 130 140 150 160 200 230	for leather 皮革用
PF × 134LBR		 A:2.00 D:33.90 N:14.50~11.50	18 21 110 130	for leather 皮革用
PF × 134LL		 A:2.00 D:33.90 N:14.50~11.50	10 11 12 13 14 16 18 19 21 22 23 24 70 75 80 85 90 100 110 120 130 140 160 180	for leather 皮革用
PF × 134LLCR		 A:2.00 D:33.90 N:14.50~11.50	10 11 12 14 16 18 19 21 22 70 75 80 90 100 110 120 130 140	for leather 皮革用
PF × 134LR		 A:2.00 D:33.90 N:14.50~11.50	7 8 9 10 11 12 13 14 16 18 19 20 21 22 22½ 23 24 25 26 55 60 65 70 75 80 85 90 100 110 120 125 130 140 150 160 180 200 230	for leather 皮革用

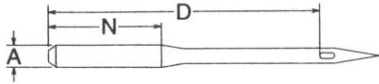







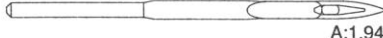















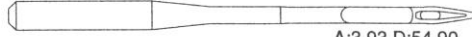

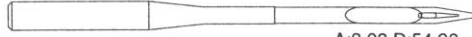










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SYSTEM 記号	POINT 先端	NEEDLE PHOTO 針イメージ図	NEEDLE SIZES 番手	REMARKS 備考欄
				
PF × 134P		 A:2.00 D:33.90 N:14.50~11.50	10 11 12 13 14 16 18 19 20 21 22 23 70 75 80 85 90 100 110 120 125 130 140 160	for leather 皮革用
PF × 134PCL		 A:2.00 D:33.90 N:14.50~11.50	8 9 10 11 12 13 14 16 18 19 20 21 22 22½ 23 24 25 60 65 70 75 80 85 90 100 110 120 125 130 140 150 160 180 200	pocket setter Yシャツのポケットセッター
PF × 134PCR		 A:2.00 D:33.90 N:14.50~11.50	10 11 12 13 14 16 18 19 21 22 70 75 80 85 90 100 110 120 130 140	for leather 皮革用
PF × 134VR		 A:2.00 D:33.90 N:14.50~11.50	14 16 18 19 21 22 90 100 110 120 130 140	for leather 皮革用
PF × 470KA		 A:2.00 D:38.90 N:14.00~10.50	11 12 13 14 16 18 19 21 22 23 25 75 80 85 90 100 110 120 130 140 160 200	for linking リンク用
PF × 797		 A:2.00 D:33.90 N:14.50	10 11 12 13 14 16 18 19 20 21 22 70 75 80 85 90 100 110 120 125 130 140	buttonholing ボタン穴かがり用
PH × 1		 A:1.52 N:26.00~10.00	9 11 12 13 14 15 16 18 19 20 21 22 23 26 65 75 80 85 90 95 100 110 120 125 130 140 160 230	handle embroidery ハンドル刺繍用
PH × 1SM		 A:1.46 N:26.00	14 16 18 19 90 100 110 120	handle embroidery ハンドル刺繍用
PH × 1TR		 A:1.46 N:26.00	12 14 16 18 19 80 90 100 110 120	handle embroidery ハンドル刺繍用
PH × 7BA		 A:1.63 N:26.00	14 16 18 19 90 100 110 120	handle embroidery ハンドル刺繍用
PH × 253		 A:1.46 N:26.00	12 14 16 18 21 80 90 100 110 130	handle embroidery ハンドル刺繍用
PH - A36		 A:1.52 N:26.00~10.00	21 22 23 24 130 140 160 180	handle embroidery ハンドル刺繍用
PH - A36KN		 A:1.52 N:26.00~10.00	21 23 24 26 130 160 180 230	for knitted fabric ニット用
PH - C64		 A:1.52 N:26.00	11 75	flat shank (without screw-cut) ネジ加工無 平取針
PH - C70		 A:1.62 N:26.00	11 14 16 18 19 21 75 90 100 110 120 130	PHx253S with flat shank on left side PHx253Sの左平取針
PH - C70LE		 A:1.62 D:57.65 N:26.00	14 16 90 100	
PH - C120		 A:1.62 N:26.00	11 14 16 75 90 100	PH-C70 生地掛け対策針
PO × 1		 A:1.28 D:35.50 N:15.00	8 9 10 11 12 13 14 16 60 65 70 75 80 85 90 100	for glove 手袋用

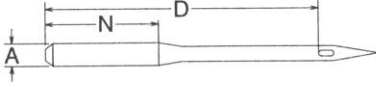

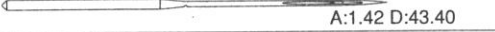

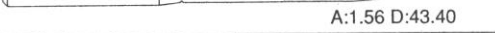







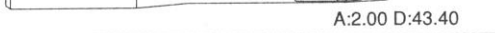

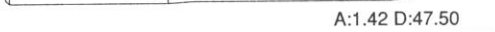



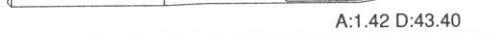

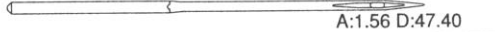







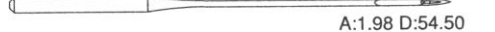

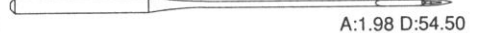

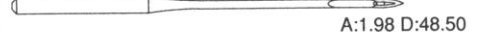



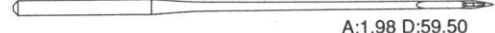
※ALTHOUGH NOT DESCRIBED ABOVE, WE CAN PROVIDE A FULL ASSORTMENT OF BALL POINT NEEDLE.

SYSTEM 記号	POINT 先端	NEEDLE PHOTO 針イメージ図	NEEDLE SIZES 番手	REMARKS 備考欄
				
PO × 254		 A:1.28 D:34.80 N:15.00	9 10 11 12 13 14 16 65 70 75 80 85 90 100	for fur sewing 毛皮用
PV × 7		 A:1.62 D:33.80 N:17.50	10 11 12 14 16 18 19 20 21 22 70 75 80 90 100 110 120 125 130 140	with twisted groove 溝ひねり針
PYA - 1		 A:2.02 D:49.55~48.85 N:19.00	00 0 1 2 3 4 5 6 80 85 90 105 120 130 140 160	for dial linking ダイヤルリンクング
PYA - 4		 A:2.37 D:62.80 N:25.50	1 2 3 4 5 6 7 8 90 105 120 130 150 160 180 200	for dial linking ダイヤルリンクング
PYA - 6		 A:2.37 D:62.80 N:25.50	2 3 4 5 6 105 120 130 150 160	for dial linking ダイヤルリンクング
PYD - 1		 A:1.95 D:28.95 N:13.00	11 14 16 18 19 20 21 22 23 24 75 90 100 110 120 125 130 140 160 180	for flat linking フラットリンクング
PYD - 2		 A:1.95 D:28.95 N:13.00	14 16 18 24 90 100 110 180	for flat linking フラットリンクング
PYE - 2		 A:1.95 D:28.95 N:13.00	12 14 16 18 19 20 21 22 23 24 80 90 100 110 115 125 130 140 160 180	for flat linking フラットリンクング
PYE - 7		 A:1.22 D:28.50 N:13.00	8 14 16 18 20 60 90 100 110 125	
PYI - 3		 A:2.02 D:37.00 N:18.50	14 16 18 19 20 21 22 23 90 100 110 115 120 130 140 160	for flat linking フラットリンクング
PYL - 11		 A:2.00 D:44.00~43.00 N:15.00	16 18 19 21 100 110 120 130	
PYM - 4		 A:2.02 D:50.50 N:15.00	2 3 4 5 6 105 120 130 140 160	for dial linking ダイヤルリンクング
PYY - 1		 A:2.00 D:46.00 N:12.00	0 1 2 3 4 5 6 90 100 110 120 130 140 160	for dial linking ダイヤルリンクング

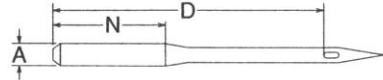







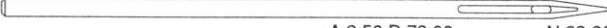







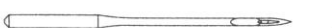



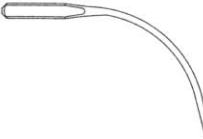








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SYSTEM 記号	POINT 先端	NEEDLE PHOTO 針イメージ図	NEEDLE SIZES 番手	REMARKS 備考欄
				
RE × 1		 A:2.40 D:53.50 N:28.50	14 16 18 19 21 90 100 110 120 130	welt seam 玉縁用
RM × 26		 A:1.48 D:28.60 N:11.00	6 8 10 11 12 14 16 18 19 21 50 60 70 75 80 90 100 110 120 130	overlock オーバーロック用
RM × 29		 A:2.02 D:28.60 N:10.00	8 9 10 11 12 14 16 18 19 20 21 22 22½ 23 60 65 70 75 80 90 100 110 120 125 130 140 150 160	1/3-needles interlock 1~3本針 インターロック用
SG × 506		 A:1.94 D:42.10 N:18.20	22 23 24 25 26 27 140 160 180 200 230 250	for heavy material (bag, etc) 袋類、極厚物用
SG × 1906		 A:2.00 D:33.90 N:13.50~11.50	8 9 10 11 12 13 14 16 18 19 20 21 60 65 70 75 80 85 90 100 110 120 125 130	zigzag stitch, for foundation garments 千鳥縫用 ファンデーション用
SG × 1963		 A:2.00 D:33.90 N:13.50	8 9 10 11 12 60 65 70 75 80	zigzag stitch, for foundation garments 千鳥縫用 ファンデーション用
SG × 1963F		 A:2.00 D:33.90 N:13.50	9 10 11 65 70 75	zigzag stitch, for foundation garments 千鳥縫用 ファンデーション用
SG × 1963HS		 A:2.00 D:33.90 N:13.50	11 12 75 80	heatproof needle 熱対策針
SG × 1965		 A:2.00 D:33.90 N:13.50~12.50	9 10 11 12 14 65 70 75 80 90	zigzag stitch, for foundation garments 千鳥縫用 ファンデーション用
SG × 1965F		 A:2.00 D:33.90 N:13.50	9 10 11 65 70 75	zigzag stitch, for foundation garments 千鳥縫用 ファンデーション用
SG × 7713		 A:3.93 D:54.90 N:24.00	25 26 200 230	overedging 縁かがり
SG - H28		 A:3.93 D:54.90 N:19.00	26 230	SG-N28 with long & deep scarf SG-N28のリモルディタイプ
SG - N28		 A:3.93 D:54.90 N:19.00	25 26 200 230	SG × 7713 (with shorter shank length) SG × 7713のN寸法短
SH × 1		 A:1.42 D:43.40 N:20.50	000 00 0 1 2 3 4 5 6 7 8 65 70 80 90 100 110 130 140 160 170 200	for lace embroidery レース刺繍用
SH × 3		 A:1.56 D:43.40 N:20.00	00 0 1 2 3 4 5 6 70 80 90 100 110 130 140 160	for lace embroidery レース刺繍用
SH × 3LG		 A:1.56 D:47.40 N:21.00	14 16 18 21 1 2 3 4	
SH - 110S TOP		 A:1.60 D:47.40 N:20.00	00 0 1 2 3 70 80 90 100 110	for lace embroidery レース刺繍用
SH - 110SA TOP		 A:1.60 D:47.40 N:20.00	12 14 16 18 0 1 2 3	

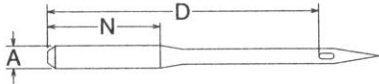

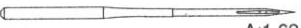















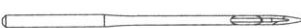














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SYSTEM 記号	POINT 先端	NEEDLE PHOTO 針イメージ図	NEEDLE SIZES 番手	REMARKS 備考欄
				
SH - A25		 A:1.42 D:43.40 N:20.50	00 0 1 2 3 4 5 6 a70 80 90 100 110 130 140 160	SH × 1 with notch SH × 1のノッチ付き
SH - A39		 A:1.56 D:43.40 N:20.00	0 1 2 3 4 80 90 100 110 130	SH × 3 with notch SH × 3のノッチ付き
SH - C25		 A:1.42 D:43.40 N:20.50	00 0 1 2 3 4 5 6 70 80 90 100 110 130 140 160	SH × 1 with flat shank angle 85° SH × 1の平取角度85°
SH - C43		 A:1.42 D:43.40 N:20.50	0 1 2 3 4 80 90 100 110 130	SH-C25 with notch SH-C25のノッチ付き
SH - C49		 A:1.56 D:43.40 N:20.00	0 1 2 80 90 100	SH × 3 with flat shank angle 85° SH × 3の平取角度85°
SH - C75		 A:2.00 D:43.40 N:17.00	0 1 2 3 4 80 90 100 110 130	SM × 854 with flat shank angle 85° SM × 854の平取角度85°
SH - C92		 A:1.42 D:47.50 N:21.00	0 1 2 3 4 80 90 100 110 130	SH-E56 with flat shank angle 85° SH-E56の平取角度85°
SH - E56		 A:1.42 D:47.50 N:21.00	0 1 2 3 4 5 80 90 100 110 130 140	SH × 1 (D/E-dimension longer) SH × 1のD・E寸法長
SH - K9		 A:1.42 D:43.40 N:20.50	000 0 1 2 3 4 65 80 90 100 110 130	SH × 1 with larger needle-eye SH × 1の穴大
SH × L83		 A:1.56 D:47.40 N:20.00	00 0 1 2 3 4 6 70 80 90 100 110 130 160	for lace embroidery レース刺繍用
SH × L83SA		 A:1.56 D:47.40 N:20.00	10 12 14 16 18 00 0 1 2 3	
SM × 35M		 A:2.03 D:31.60 N:14.50	19 21 24 120 130 180	
SM × 67		 A:2.00 D:37.80 N:13.50	10 11 12 14 16 18 70 75 80 90 100 110	2-needles zigzag stitch, double chain stitch 2本針千鳥縫 二重環縫い
SM × 332EXTLG		 A:1.98 D:54.50 N:18.00	9 10 11 12 14 16 18 65 70 75 80 90 100 110	button sewing ボタン付け
SM × 332EXTLG - NY		 A:1.98 D:54.50 N:18.00	11 12 14 16 18 75 80 90 100 110	SM × 332EXTLG with reinforced blade 強度対策針
SM × 332LG		 A:1.98 D:48.50 N:18.00	11 12 14 16 18 19 21 22 23 75 80 90 100 110 120 130 140 160	button sewing ボタン付け
SM × 332SUPLG		 A:1.98 D:59.50 N:18.00	12 14 16 80 90 100	button sewing ボタン付け
SM × 332SUPLG - NY		 A:1.98 D:59.50 N:18.00	11 12 14 16 18 75 80 90 100 110	

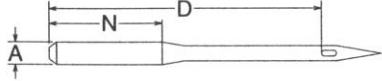















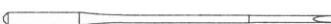




















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SYSTEM 記号	POINT 先端	NEEDLE PHOTO 針イメージ図	NEEDLE SIZES 番手	REMARKS 備考欄
				
SM X 805LR		 A:2.02 D:38.10 N:13.50	18 19 22 22½ 23 110 120 140 150 160	for leather 皮革用
SM X 854		 A:2.00 D:43.40 N:17.00	00 0 1 2 3 4 5 6 70 80 90 100 110 130 140 160	for lace embroidery レース刺繍用
SM X 854B		 A:2.00 D:43.40 N:17.00	0 1 2 3 80 90 100 110	for lace embroidery レース刺繍用
SM X 1000		 A:2.50 D:73.00 N:23.00	27 250	for heavy material 極厚物用
SM X 1014A		 A:1.48 D:39.00 N:15.50	8 9 10 11 12 14 60 65 70 75 80 90	for high speed double chain stitch, overedging 高速二重環縁かがり用
SM X 1014B		 A:1.48 D:39.00 N:15.50	8 9 10 11 12 14 16 18 60 65 70 75 80 90 100 110	for high speed double chain stitch 高速二重環用
SM X 1014H		 A:1.48 D:39.00 N:15.50	10 70	
SM X 3207		 A:1.62 D:33.90 N:12.50	12 14 16 18 19 20 21 80 90 100 110 120 125 130	bartacking 罫止用
SM X 3207CR		 A:1.62 D:33.90 N:12.50	12 14 16 18 19 21 80 90 100 110 120 130	bartacking 罫止用
SM X 4117		 A:2.00 D:31.00 N:8.50	12 14 16 80 90 100	
SM X 4118		 A:2.00 D:33.20 N:10.00	16 100	
SM X 4463		 A:2.00 D:33.90 N:14.50	10 12 14 16 18 70 80 90 100 110	double chain stitch 二重環縫用
TB X 1		 A:1.62/1.90/2.02 D:33.80 N:16.00~10.50	7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 55 60 65 70 75 80 85 90 95 100 105 110 120 125 130 140 160 180 200	lock stitch 本縫い
TE X 1		 A:1.62 D:33.80 N:16.00	11 13 14 16 75 85 90 100	home-use overlook ホームロック用

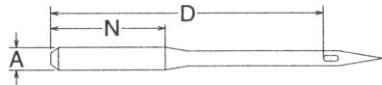



























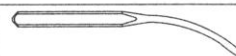








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SYSTEM 記号	POINT 先端	NEEDLE PHOTO 針イメージ図	NEEDLE SIZES 番手	REMARKS 備考欄
				
TF × 1		 A:1.62/1.90/2.02 D:33.80 N:13.50~10.50	8 9 10 11 12 13 14 16 18 19 20 21 22 23 24 25 60 65 70 75 80 85 90 100 110 120 125 130 140 160 180 200	lock stitch 本縫い
TF × 2		 A:1.62/1.90/2.02 D:33.80 N:13.50~10.50	7 8 9 10 11 12 13 14 16 18 19 20 21 22 23 24 25 55 60 65 70 75 80 85 90 100 110 120 125 130 140 160 180 200	for leather 皮革用
TF × 2D		 A:1.62/1.90/2.02 D:33.80 N:13.50~10.50	9 10 11 12 13 14 16 18 19 20 21 22 65 70 75 80 85 90 100 110 120 125 130 140	for leather 皮革用
TF × 2LR		 A:1.62/1.90/2.02 D:33.80 N:13.50~10.50	7 8 9 10 11 12 13 14 16 18 19 20 21 22 23 24 25 55 60 65 70 75 80 85 90 100 110 120 125 130 140 160 180 200	for leather 皮革用
TF × 4		 A:1.62/1.90/2.02 D:33.80 N:13.50~11.00	8 9 10 11 12 13 14 16 18 19 20 21 60 65 70 75 80 85 90 100 110 120 125 130	for leather 皮革用
TF × 6		 A:1.62/1.90/2.02 D:33.85 N:13.50~11.00	8 9 10 11 12 13 14 16 18 19 20 21 22 23 24 60 65 70 75 80 85 90 100 110 120 125 130 140 160 180	for leather 皮革用
TF × 63		 A:1.62/1.90/2.02 D:44.00 N:13.00	14 16 18 19 20 21 22 23 24 25 90 100 110 120 125 130 140 160 180 200	for leather 皮革用
TF × 99		 A:1.62/1.90/2.02 D:37.50 N:13.50~11.00	16 18 19 20 21 22 23 100 110 120 125 130 140 160	for leather 皮革用
TF × 287LR		 A:1.62 D:33.90 N:13.50	19 21 22 23 25 120 130 140 160 200	for leather 皮革用
TF × F8		 A:1.62/1.90/2.02 D:33.80 N:13.50~10.50	7 8 9 10 11 12 14 16 18 19 21 22 55 60 65 70 75 80 90 100 110 120 130 140	for leather 皮革用
TI × 2		 A:1.72 D:33.80 N:13.00	9 10 11 12 13 14 16 18 19 20 21 22 23 24 65 70 75 80 85 90 100 110 120 125 130 140 160 180	for glove, leather 皮革グローブ用
TI × 21		 A:1.72 D:34.00 N:13.00	12 14 16 18 19 20 21 22 80 90 100 110 120 125 130 140	for thicker material 厚物縫用
TK × 3		 A:2.02 D:28.20 N:13.50	16 18 21 22 23 100 110 130 140 160	for cap sewing 帽子用
TL × 1		 A:2.00 D:29.60 N:13.00	7 8 9 10 11 12 14 16 18 19 21 22 55 60 65 70 75 80 90 100 110 120 130 140	for overcasting かがり縫用
TL × 7		 A:2.00 D:29.20 N:13.00	9 10 11 12 14 16 18 19 20 21 22 65 70 75 80 90 100 110 120 125 130 140	for overcasting かがり縫用
TQ × 1		 A:1.75 D:37.20 N:11.50	9 10 11 12 13 14 16 18 19 20 21 22 65 70 75 80 85 90 100 110 120 125 130 140	button sewing ボタン付け

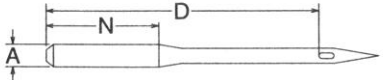

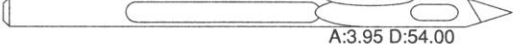



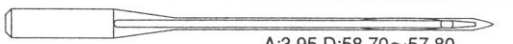

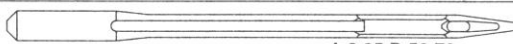

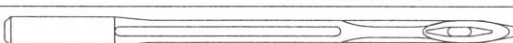







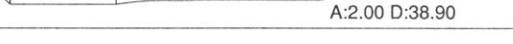



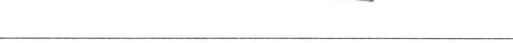









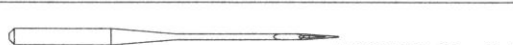


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SYSTEM 記号	POINT 先端	NEEDLE PHOTO 針イメージ図	NEEDLE SIZES 番手	REMARKS 備考欄
				
TQ × 3		 A:1.75 D:41.50 N:11.50	11 12 14 16 18 19 20 21 22 75 80 90 100 110 120 125 130 140	button sewing ボタン付け
TQ × 7		 A:1.75 D:47.00 N:17.50	9 10 11 12 13 14 16 18 19 20 21 22 23 24 65 70 75 80 85 90 100 110 120 125 130 140 160 180	button sewing ボタン付け
TQ × 9		 A:1.75 D:47.00 N:14.00~10.00	9 10 11 12 14 16 18 19 20 21 22 65 70 75 80 90 100 110 120 125 130 140	button sewing ボタン付け
TQ × 13		 A:1.75 D:50.00 N:14.00	13 16 18 20 22 85 100 110 125 140	button sewing ボタン付け
TQ - N14		 A:1.75 D:47.00 N:11.50	10 12 14 16 18 19 20 21 22 75 80 90 100 110 120 125 130 140	button sewing ボタン付け
TQ - N21		 A:1.75 D:47.00 N:10.00	11 14 75 90	TQ × 7 with shorter shank (double-swaged blade) TQ × 7のN寸法短 2段伸線針
TQ - N23		 A:1.75 D:47.00 N:17.50	9 11 65 75	TQ × 7 with Slim Point (double-swaged blade) TQ × 7のスリムポイント 2段伸線針
TQ - N27		 A:1.75 D:47.00 N:10.00	14 90	TQ-N21 with Slim Point TQ-N21のスリムポイント
TT × 1		 A:2.02 D:49.00 N:21.50	11 14 16 18 19 21 75 90 100 110 120 130	quilting キルティング用
TT × 2		 A:2.02 D:62.00 N:21.00	1 4 100 130	quilting キルティング用
TT × 81		 A:2.02 D:28.90 N:13.00	16 18 19 20 21 22 23 24 100 110 120 125 130 140 160 180	for overedging of carpet カーペット縁かがり用
TT - E57		 A:2.02 D:54.00 N:26.50	12 14 16 19 21 80 90 100 120 130	TT × 1 (D,E,N-dimension longer) TT × 1のD,E,N寸法長
TV × 1		 A:2.00 D:37.00 N:13.50	7 8 9 10 11 12 13 14 16 18 19 20 21 22 23 55 60 65 70 75 80 85 90 100 110 120 125 130 140 160	hemming, felled seam ヘム縫、伏せ縫用
TV × 3		 A:2.00 D:39.00 N:13.50	19 20 21 22 23 24 120 125 130 140 160 180	for side seam 脇縫用
TV × 5		 A:2.00 D:41.40 N:13.50	8 9 10 11 12 13 14 16 18 19 20 21 22 23 24 25 60 65 70 75 80 85 90 100 110 120 125 130 140 160 180 200	felled seam 伏せ縫用
TV × 5HS		 A:2.00 D:41.40 N:13.50	18 19 21 110 120 130	heatproof needle 熱対策針
TV × 7		 A:2.00 D:37.00 N:13.50	8 9 10 11 12 13 14 16 17 18 19 20 21 22 23 24 25 60 65 70 75 80 85 90 100 105 110 120 125 130 140 160 180 200	hemming, felled seam ヘム縫、伏せ縫用
TV × 7HS		 A:2.00 D:37.00 N:13.50	14 16 18 90 100 110	heatproof needle 熱対策針

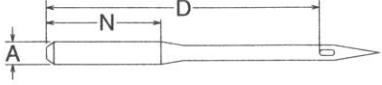






























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SYSTEM 記号	POINT 先端	NEEDLE PHOTO 針イメージ図	NEEDLE SIZES 番手	REMARKS 備考欄
				
TV × 25		 A:2.00 D:37.00 N:13.50	12 14 16 18 19 20 80 90 100 110 120 125	hemming, felled seam ヘム縫、伏せ縫用
TV × 64		 A:2.00 D:36.60 N:13.50	8 9 10 11 12 13 14 16 18 19 20 21 22 23 25 60 65 70 75 80 85 90 100 110 120 125 130 140 160 200	felled seam 伏せ縫用
TV × 100		 A:2.00 D:37.00 N:13.50	12 14 80 90	for fastener ファスナー用
TV × 934		 A:2.00 D:37.00 N:14.50	10 12 14 16 18 19 70 80 90 100 110 120	long seamer, dart seamer ロングシーマー、ダーツシーマー
UN × 154		 A:2.02 D:31.40 N:14.50	7 8 9 10 11 12 13 14 16 18 21 55 60 65 70 75 80 85 90 100 110 130	curved overlock needle 曲針オーバーロック
UN - R7		 A:2.02 D:31.40 N:14.50	9 11 14 65 75 90	curved overlock needle 曲針オーバーロック
UN - R12		 A:2.02 D:31.40 N:14.50	9 11 14 65 75 90	curved overlock needle 曲針オーバーロック
UO × 108G		 A:2.00 D:36.60 N:13.50	8 10 12 14 16 18 19 20 21 22 22½ 60 70 80 90 100 110 120 125 130 140 150	1/2-needles double chain stitch 1,2本針二重環縫
UO × 113GS		 A:2.00 D:36.60 N:14.50~13.50	8 9 10 11 12 13 14 16 18 19 20 21 22 23 60 65 70 75 80 85 90 100 110 120 125 130 140 160	smocking, double chain stitch スモッキング等 二重環縫い
UO × 113GS - NY2		 A:2.00 D:36.60 N:13.50	14 90	
UO × 126G		 A:2.00 D:39.00 N:13.50	10 12 14 16 18 20 70 80 90 100 110 125	double chain stitch 二重環縫用
UO × 130G		 A:2.00 D:38.80 N:13.50	10 12 14 16 18 19 20 21 22 70 80 90 100 110 120 125 130 140	double chain stitch 二重環縫用
UO × 147GA		 A:2.00 D:42.60 N:14.00	12 14 16 18 19 20 21 22 22½ 23 23½ 80 90 100 110 120 125 130 140 150 160 170	double chain stitch 二重環縫用
UO × 154		 A:2.02 D:31.40 N:14.50	6 7 8 9 10 11 12 13 14 16 18 19 20 22 50 55 60 65 70 75 80 85 90 100 110 120 125 140	curved overlock needle 曲針オーバーロック
UO × 155		 A:1.90 D:28.40 N:11.50	7 8 9 10 11 12 14 16 18 55 60 65 70 75 80 90 100 110	for sock closing 靴下のマツリ縫用
UO × 163		 A:2.00 D:37.50 N:13.50	8 9 10 11 12 13 14 16 18 19 21 22 22½ 60 65 70 75 80 85 90 100 110 120 130 140 150	for picot stitch ピコット縫用
UO × 163GAS		 A:2.00 D:37.50 N:13.50	11 12 14 16 18 19 20 75 80 90 100 110 120 125	for picot stitch ピコット縫用
UO × 180G		 A:1.82 D:34.00 N:16.00~14.00	10 11 12 14 16 18 19 20 21 22 22½ 23 70 75 80 90 100 110 120 125 130 140 150 160	for overedging of jeans ジーンズ裾巻用

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SYSTEM 記号	POINT 先端	NEEDLE PHOTO 針イメージ図	NEEDLE SIZES 番手	REMARKS 備考欄
				
UO X 1970		 A:3.95 D:54.00 N:16.00	25 26 27 29 400 200 230 250 300 395	for bags, carpets 袋類、カーペット用
UO X 1970A		 A:3.95 D:54.00 N:16.00	25 26 27 200 230 250	for bags, carpets 袋類、カーペット用
UO X 1975		 A:3.95 D:58.70~57.80 N:14.50	23 25 26 27 28 29 31 32½ 160 200 230 250 280 300 350 395	for bags, carpets 袋類、カーペット用
UO X 1975G		 A:3.95 D:58.70 N:14.50	29 300	
UO X 1975R		 A:3.95 D:58.70 N:14.50	26 27 29 230 250 300	UO X 1975 with regular point (with scarfs on both sides) UO X 1975の正規尖頭 両サイドエグリ付
UO X 4463		 A:2.00 D:33.90 N:12.00	10 12 14 16 18 19 70 80 90 100 110 120	pocket hemmer ポケット縁巻縫用
UO X 4463KKD		 A:2.00 D:33.90 N:12.00	12 14 16 18 19 80 90 100 110 120	pocket hemmer ポケット縁巻縫用
UO X 4463LG		 A:2.00 D:38.90 N:14.50	10 12 14 16 18 19 20 21 70 80 90 100 110 120 125 130	pocket hemmer ポケット縁巻縫用
UO X 9854		 A:3.04 D:42.10 N:13.00	22 170(23½) 200(25) 140 170 200	curved needle 曲げ針
UO - G163		 A:2.00 D:37.50 N:13.50	9 10 65 70	picot covering stitch ピコット飾り縫
US X175H		 A:1.90 D:48.60 N:19.00	12 14 16 18 19 21 22 23 24 26 80 90 100 110 120 130 140 160 180 230	for Kettma linking ケトマーリンク用
UY X 110GAS		 A:2.00 D:36.60 N:13.50	12 14 16 18 19 80 90 100 110 120	double chain stitch 二重環縫用
UY X 121		 A:2.00 D:39.00 N:13.50	6 7 8 9 10 11 12 13 14 16 18 19 20 21 22 23 50 55 60 65 70 75 80 85 90 100 110 120 125 130 140 160	2-needles double chain stitch 平2本二重環縫用
UY X 121GBS		 A:2.00 D:39.00 N:14.50~13.50	9 10 11 12 14 16 18 19 21 65 70 75 80 90 100 110 120 130	2-needles double chain stitch 平2本二重環縫用
UY X 121GJS		 A:2.00 D:38.90 N:14.50	9 11 14 65 70 90	
UY X 121GUS		 A:2.00 D:39.00 N:14.50	10 11 12 14 16 70 75 80 90 100	double chain stitch 二重環縫用
UY X 128GAS		 A:2.00 D:39.00 N:14.50~13.50	6 7 8 9 10 11 12 13 14 16 18 19 20 21 22 22½ 23 23½ 25 50 55 60 65 70 75 80 85 90 100 110 120 125 130 140 150 160 170 200	2-3-needles double chain stitch 平2~3本針 ~#12=Q ball

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SYSTEM 記号	POINT 先端	NEEDLE PHOTO 針イメージ図 	NEEDLE SIZES 番手	REMARKS 備考欄
UY × 128GASKN		 A:2.00 D:39.00 N:14.50	7 8 9 10 11 12 55 60 65 70 75 80	for knitted fabric ニット用
UY × 128GAS - NY2		 A:2.00 D:39.00 N:14.50~13.50	7 8 9 10 11 12 14 16 18 19 20 21 22 55 60 65 70 75 80 90 100 110 120 125 130 140	for avoiding skipped stitches 目飛び対策針
UY × 128GAS - SK1		 A:2.00 D:39.00 N:14.50~13.50	16 18 19 100 110 120	
UY × 128GLS		 A:2.00 D:38.90 N:16.50	9 10 11 12 14 16 18 19 20 21 22 65 70 75 80 90 100 110 120 125 130 140	2-3-needles double chain stitch 平2~3本針
UY × 128KK-KN		 A:2.00 D:39.00 N:12.00	8 9 60 65	
UY × 128LE		 A:2.00 D:39.00 N:14.50~13.50	8 9 10 11 14 16 18 19 21 23 60 65 70 75 90 100 110 120 130 160	UY × 128GAS with wider needle-eye UY × 128GASのK寸大
UY × 130GHS		 A:2.00 D:38.90 N:18.00	12 14 16 18 19 20 21 22 23 80 90 100 110 120 125 130 140 160	2-3-needles double chain stitch 平2~3本針
UY × 133GS		 A:2.00 D:38.90 N:13.50	9 10 12 14 16 18 19 20 21 22 23 65 70 80 90 100 110 120 125 130 140 160	with twisted groove 溝ひねり針
UY × 143GS		 A:2.00 D:42.00 N:14.50~13.00	22 23 23½ 24 25 26 27 140 160 170 180 200 230 250	french seam 袋物縫用
UY × 154GAS		 A:2.02 D:31.60 N:14.50	6 7 8 9 10 11 12 14 16 18 19 20 21 22 50 55 60 65 70 75 80 90 100 110 120 125 130 140	curved overlock needle (flat shank on one side) 曲針オーバーロック 片面平取
UY × 154GBS		 A:2.02 D:31.60 N:14.50	9 10 11 12 14 16 18 65 70 75 80 90 100 110	curved overlock needle (flat shank on one side) 曲針オーバーロック 片面平取
UY × 154GCS		 A:2.02 D:31.60 N:14.50	9 10 11 12 14 16 65 70 75 80 90 100	curved overlock needle (flat shank on both sides) 曲針オーバーロック 両面平取
UY × 158GJS		 A:2.02 D:35.00 N:15.00	8 10 12 14 16 18 19 20 22 60 70 80 90 100 110 120 125 140	overedging 縁かがり
UY × 180GVS		 A:1.83 D:34.10 N:16.00~11.50	10 12 14 16 18 19 20 21 22 23 70 80 90 100 110 120 125 130 140 160	lock stitch 本縫い
UY × 183GNS		 A:1.83 D:29.80 N:14.50	9 10 11 12 14 16 65 70 75 80 90 100	lock stitch 本縫い

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SYSTEM 記号	POINT 先端	NEEDLE PHOTO 針イメージ図 	NEEDLE SIZES 番手	REMARKS 備考欄
UY × 8454		 A:2.02 D:31.60 N:14.50	8 9 10 11 12 14 16 18 19 60 65 70 75 80 90 100 110 120	overedging 縁かがり
UY × 9858G		 A:3.04 D:42.70 N:13.00	25 200	bag closing 袋口縫用
WG × 64		 A:2.02 D:28.00 N:13.00	2 3 4 5 6 6½ 8 80 90 100 110 120 130 140	lock stitch (with long extended groove) 本縫い、軸まで溝有
YS × 1		 A:1.75 D:37.50 N:13.00	14 16 18 20 21 22 23 24 90 100 110 125 130 140 160 180	for carpet カーペット用

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How to solve your sewing trouble? 縫製トラブル解決方法

Sewing Troubles 縫製トラブル内容

For Yarn Breakages
地糸切れ・針穴

For Seam Puckerings
バックリング

For Skipped Stitches
目飛び

For Loose Seam 糸締め不良
(Smaller Needle Eye Relative To Thread)
糸に対して糸穴が小さい

Step1

General Solutions
一般的な方法

Select Smaller Needle Size 針番手を下げる

Select Larger Needle Size 針番手を上げる

Appropriate Combination of the needle shape with the ball point type is more effective. 針の形状とボールポイント形状との適切な組み合わせが、より効果的です。

Step2

For Better Results
より良い結果を得たい場合

Select Ball Point
ボールポイントを選ぶ

Select Sharpes Tip
鋭利な先端形状の針を選ぶ

Select Long Tapered Blade
ロングテーパー形状の針を選ぶ

Select LE Version
糸穴が大きい針を選ぶ

Ball Point *1
S・Q・J・B・U・Y
ボールポイント各種

NS series

NY2 series

LE series
"Large Eye"

Select DBX5 Series as large eye version of DBX1.
(注) DBX1系のみ、DBX5になります。

Step3

For More Difficult Cases
難しい縫製トラブルに

Select Thinner Needles
細身の針を選ぶ

Select Cranked Needles
クランク形状の針を選ぶ

KN/SF series

SK series

Solution Options

Surface Treatments *2
表面処理オプション *2

Selected surface treatments would be effective for your sewing troubles. トラブルに応じて次の表面処理をすることが、効果的です。

For reduced needle temperature 針熱が引き起すトラブルに	▶ HP coatings
For reduced trouble 粘着が引き起すトラブルに	▶ LP coatings
For improved of wear resistant properties 耐摩耗性向上に	▶ PD platings

*1: Ball Point is available on all kinds of ORGAN industrial sewing machine needles (except NS series) . *2: Above surface treatments are available on all kinds of ORGAN industrial sewing machine needles.

*1: オルガン工業用ミシン針全ての種別番手 (NSシリーズ除く) について、各種ボールポイントを選べます。 *2: オルガン工業用ミシン針全ての種別番手について、上記表面処理をすることが可能です。

Examples 例

Sewing 縫い方	Standard Needle System 基本種別	For Yarn Breakages 地糸切れ対策種別	For Seam Puckerings バックリング対策種別	For Skipped Stitches 目飛び対策種別	Large Eye Design 糸穴が大きい種別
Lock Stitches 本縫い	DBX1	DBX1KN DBX1SF	DBX1NS	DBX1-NY2	DBXK5 DBX1KNLE
	DPX17	DPX17SF	DPX17NS	DPX17-NY2	DPX17-SK1
Double Chain Stitches/Flatlock Stitches 二重環縫い/平2・3本	UYX128GAS	UYX128GASKN	—	UYX128GAS-NY2	UYX128GAS-SK1
Zig-Zag Stitches 千鳥縫い・門止め等	DPX5	DPX5KN DPX5SF	DPX5NS	DPX134-NY2	DPX134-SK1
	DPX134				
Overlock Stitches オーバーロック	DCX1	DCX1KN DCX1SF	DCX1NS	DCX27	DCX27LE



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