## Product Brochure

製品カタログ 産品目錄



Sewing machine needles ミシン針 縫紉針 For Extra Durability

# **PD**coating

DPx5++

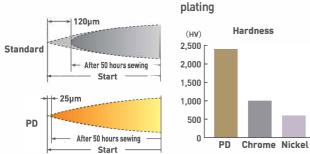
10PD

Package Indication

Solutions for
Wear Tip damage

■Titanium coating

5 Times increased durability Twice as strong as chrome



For Anti-adhesion

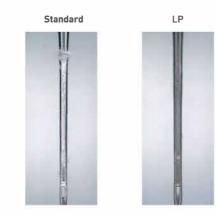
## **LP**coating



Solutio	ns for						
Upper thread cut	Skipped stitches						
Puckering	Down migration						

■Anti-adhesive coating

Less adhesive with special coating



### Lineup

Product		Size (top; ORGAN, bottom; EU)																				
	6	7	8	9	10	11	12	13	14	16	18	19	20	21	22	221/2	23	231/2	24	25	Tip + Point	Remarks
	50	55	60	65	70	75	80	85	90	100	110	120	125	130	140	150	160	170	180	200		
DP×5	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	R	
DP×5++		•		•	•	•		•	•	•	•	•	•	•	•		•		•		R	
DP×5KN			•	•	•	•	•														S	
DP×5SF				•	•	•													-	-	S	
DP×5NS			•	•	•	•	•		•												SPI	
DP×134-SK									•	•	•	•	•	•	•		•				R	
DP×134LL					•	•	•	•	•	•	•	•		•	•		•		•		Cutting LL	
DP×134LR				•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	Cutting LR	
DP×134S				•	•	•	•	•	•	•	•	•	•	•	•	•	•			•	Cutting S	
DP×134P					•	•	•	•	•	•	•	•	•	•	•		•				Cutting P	
DP×134D					•	•		•	•	•	•	•	•	•	•	•	•		•	•	Cutting D	
DP×134DIA					•		•		•	•	•	•	•	•	•		•		•		Cutting DIA	
PF×134KK					•	•	•	•	•	•	•	•		•	•						R	
PF×134PCL			•		•	•	•	•	•	•	•	•	•	•		•	•			•	Cutting P	
D0×558					•	•	•		•	•	•	•		•							R, Slim	Large eye
D0×558-NY2							•		•	•	•	•									R, Slim	

<sup>\*</sup>DP×5++ will be integrated with DP×5.

R=Standard









### NEW STANDARD DP×5++ ~#12

Ideal Compatibility of Contradicting Functions 🗸 Productivity 🗸 Safety 🗸 Usability







### Improvement of Multifunctional Balance NEW Upper thread cut preventio Yarn breakage prevention

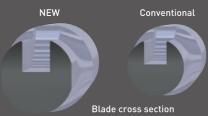
### TOUGH & DELICATE TECHNOLOGY



#### New TD blade

- Optimized diagonal distance
- Perfect strength balance
- Fabric-friendly shape
- ■Long shank / Short front groove

Yarn breakage | Skipped stitches | Needle breakage | Upper thread cl



#### **TD Scarf**

- Less contact against hook
- Operator friendly

arn breakage Skipped stitches Needle breakage Upper thread cut





Scarf cross section

#### Cliff Scarf

Stable loop formation

kage Skipped stitches Needle breakage

#### Large Eye

- One size bigger needle eye
- ■Smooth needle eye surface

Yarn breakage | Skipped stitches | Needle breakage | Upper thread cu



#### For Delicate Synthetic Fabrics

Yarn pulling

10 Package Indication

Solutions for Puckering

Down migration

- **■**SPI point
- ■Long tapered needle point
- ■Straight blade

Straight blade and SPI point reduce penetration resistance.





### For Knitted Fabrics

### KN/SF series

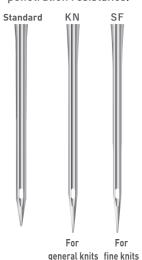


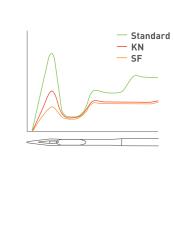
Package Indication

Solutions for Yarn breakage Yarn twisting Yarn pulling Down migration Mismatched fabric pattern

- S point
- ■Straight blade

Straight blade and long tapered needle point reduce penetration resistance.





#### For a Variety of Knitted Fabrics

### **BP**series

Solutions for

Yarn twisting

Rubber protrusion

■Ball size selection

105

Yarn breakage

Mismatched fabric pattern

Tip damage







Ball point spreads fabric gently.

Widely

adaptable

