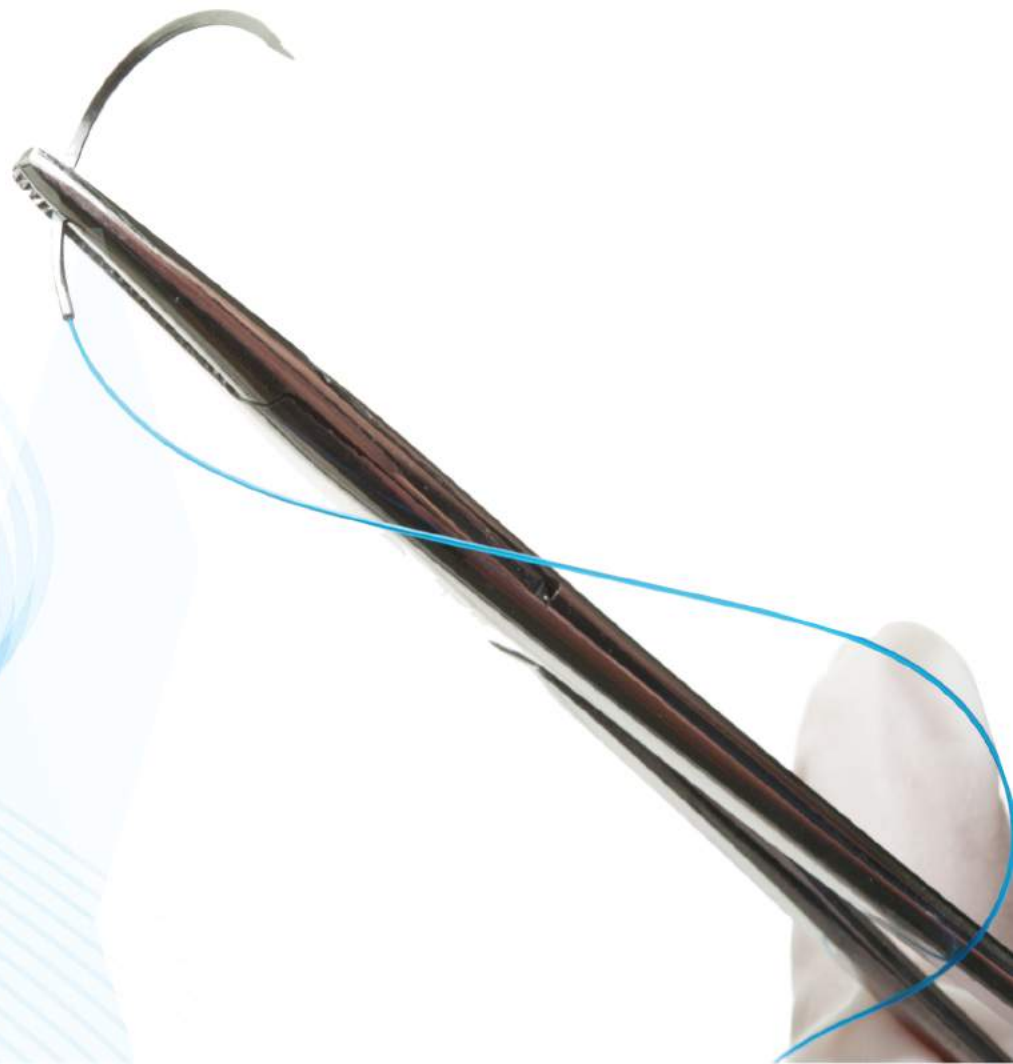


Product Catalogue

Surgical Needles



Synectics Needles

- Enhanced Sharpness
- Multi-Layer Silicon Coating
- Improved Flexural Strength

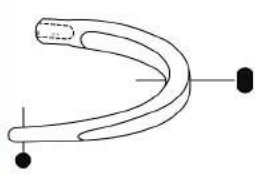

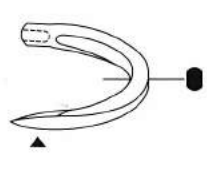



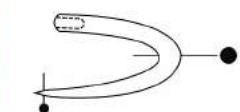

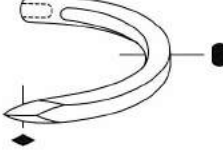





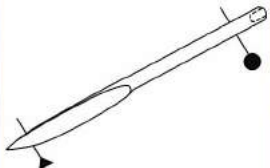





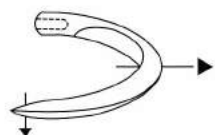



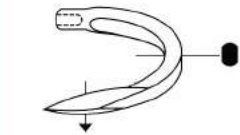

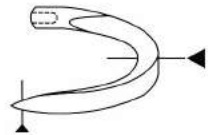





Needle Code

EX:O(V)H/09-13×24(S2)X2

① ② ③ ④ ⑤ ⑥ ⑦ ⑧

- ① :Point
- ② :Body(Not mentioned in normal code)
- ③ :Curvature
- ④ :Length(mm)
- ⑤ :Hole Diameter (1/100mm)
- ⑥ :Wire Diameter (1/100mm)
- ⑦ :Surface Treatment(not mentioned in case no surface treatment is required)
- ⑧ :Material(Mentioned only in case new alloy is used)

Code B	Whole Shape 	Symbol 	Code W	Whole Shape 	Symbol 
Body		Edge Mark 	Body		Edge Mark 
Flat			Flat		
Code O	Whole Shape 	Symbol 	Code D	Whole Shape 	Symbol 
Body		Edge Mark 	Body		Edge Mark 
Round			Flat		
Code T	Whole Shape 	Symbol 	Code C	Whole Shape 	Symbol 
Body		Edge Mark 	Body		Edge Mark 
Flat			Round		
Code Y	Whole Shape 	Symbol 	Code R	Whole Shape 	Symbol 
Body		Edge Mark 	Body		Edge Mark 
Flat			Reverse Cutting		
Code U	Whole Shape 	Symbol 	Code Q	Whole Shape 	Symbol 
Body		Edge Mark 	Body		Edge Mark 
Flat			Cutting		

Please visit our website for further details.
URL: www.synecticsautomation.com

Synectics Needles

- Consistent Quality
- More than 18.000 types and Sizes



Needle Code

EX:O(V)H/09-13×24(S2)X2

① ② ③ ④ ⑤ ⑥ ⑦ ⑧

- ① :Point
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- ⑧ :Material(Mentioned only in case new alloy is used)

Code Z	Whole Shape 	Symbol 	Code S	Whole Shape 	Symbol
Body		Edge Mark 	Body		Edge Mark
Flat			Flat		
Code X	Whole Shape 	Symbol 	Code V	Whole Shape 	Symbol
Body		Edge Mark 	Body		Edge Mark
Flat			Flat		
Code A	Whole Shape 	Symbol 	Code AV	Whole Shape 	Symbol
Body		Edge Mark 	Body		Edge Mark
Flat			Rectangular		
Code P	Whole Shape 	Symbol 	Code OV	Whole Shape 	Symbol
Body		Edge Mark 	Body		Edge Mark
Flat			Rectangular		
Code K	Whole Shape 	Symbol 	Code YV	Whole Shape 	Symbol
Body		Edge Mark 	Body		Edge Mark
Flat			Rectangular		

Please visit our website for further details.

URL: www.synecticsautomation.com

Length

10 12 13 16 18 20 22 24 25 26 28 30 35
 36 38 40 42 45 48 49 50 52 55 58 59
 60 63 65 70 80 90 custom

Hole Diameter

12 14 15 16 17 19 20 21 23 25 27 28 30
 32 33 36 40 42 43 44 46 47 48 49 51
 53 55 57 59 60 65 70 75 83 custom

Wire Diameter

51 56 58 61 66 71 74 81 84 86 88 92
 100 108 112 120 127 130 140 157
 custom

Material

Medical Grade Stainless Steel
 Grade 300 and 400 series



Needle Code

EX:O(V)H/09-13x24(S2)X2

① ② ③ ④ ⑤ ⑥ ⑦ ⑧

- ① :Point
- ② :Body(Not mentioned in normal code)
- ③ :Curvature
- ④ :Length(mm)
- ⑤ :Hole Diameter (1/100mm)
- ⑥ :Wire Diameter (1/100mm)
- ⑦ :Surface Treatment(not mentioned in case no surface treatment is required)
- ⑧ :Material(Mentioned only in case new alloy is used)

Code S	Whole Shape 	Curvature Straight	Code H	Whole Shape 	Curvature 1/2 Circle 180 deg.
Code K	Whole Shape 	Curvature 1/4 Circle 90 deg.	Code F	Whole Shape 	Curvature 5/8 Circle 225 deg.
Code I	Whole Shape 	Curvature 5/16 Circle 113 deg.	Code J	Whole Shape 	Curvature 4/5 Curve
Code E	Whole Shape 	Curvature 3/8 Circle 135 deg.	Code L	Whole Shape 	Curvature 1/2 Curve
Code G	Whole Shape 	Curvature 7/16 Circle 158 deg.	Code B	Whole Shape 	Curvature Bi-Curve

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