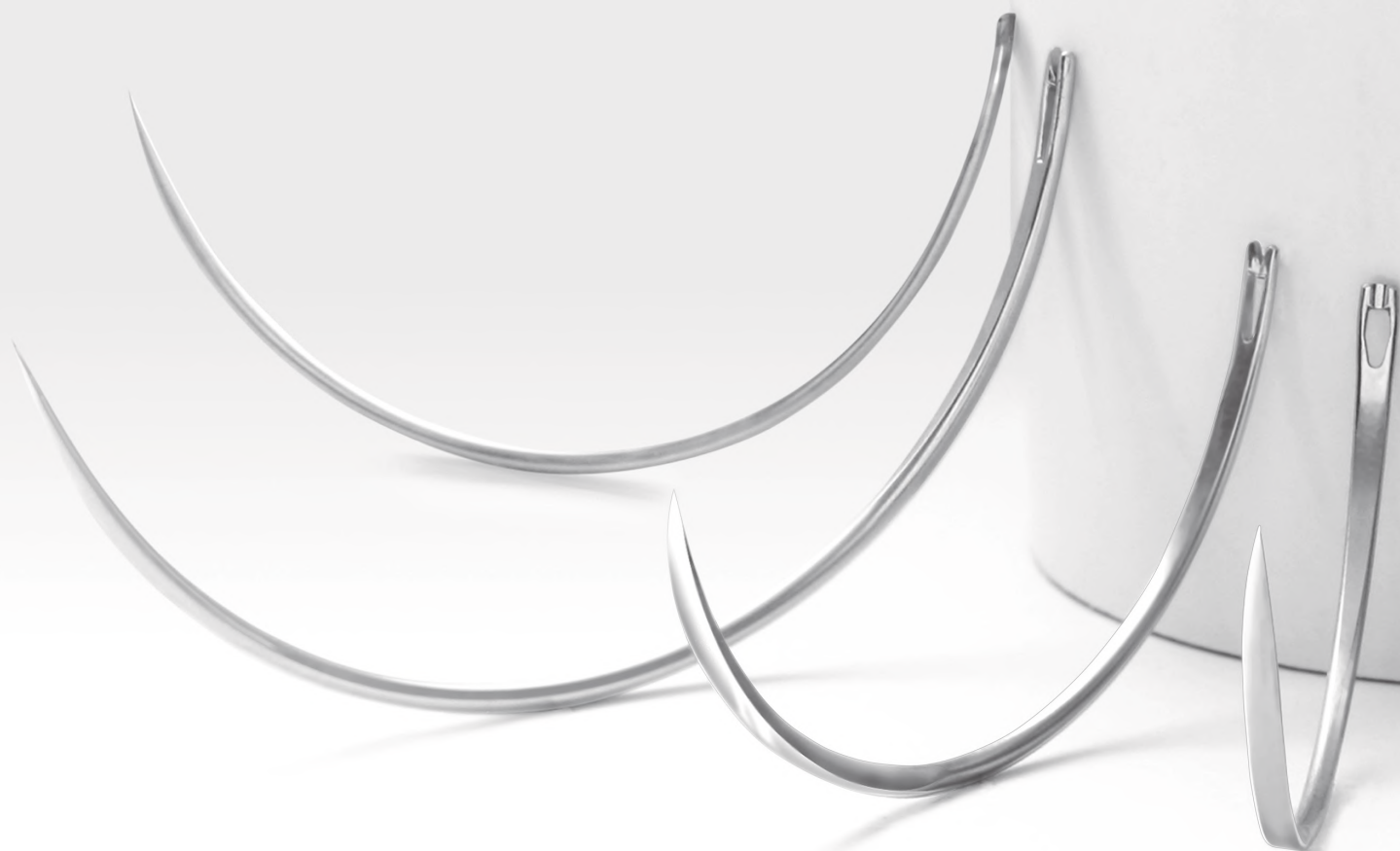


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THE BEST QUALITY IN THE WORLD, TO THE WORLD

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General description of needle code

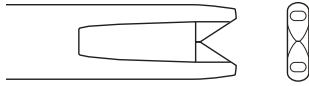
Example

SE - **MH** **28** **LL**

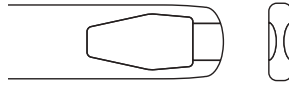
① ② ③ ④ ⑤

1 Eye shape

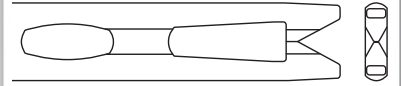
SE Spring Eye



NE Normal Eye

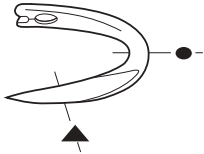


FE French Eye (Double Eye)

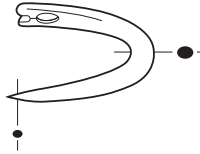


2 Point shape

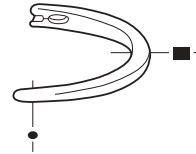
M Cutting edge (Inside cutting edge)



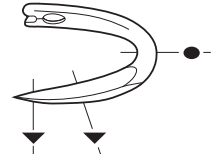
T Taper point



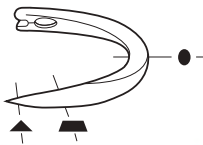
B Blunt point



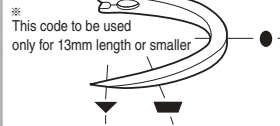
N Reverse cutting (Outside cutting edge)



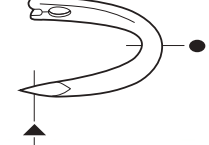
W Reverse trapezoid spatula



Z* Trapezoid spatula



R Trocar



3 Curvature

S Straight



K 1/4 circle (90°)



I 5/16 circle (113°)



E 3/8 circle (135°)



G 7/16 circle (158°)



H 1/2 circle (180°)



F 5/8 circle (225°)



J 4/5 curved



L 1/2 curved

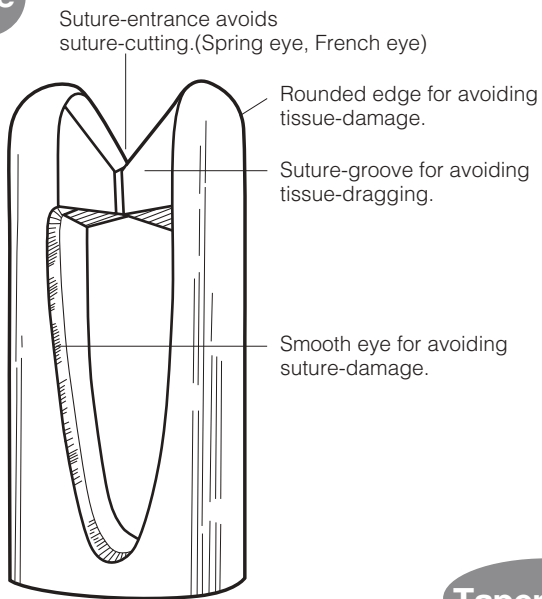


4 Number

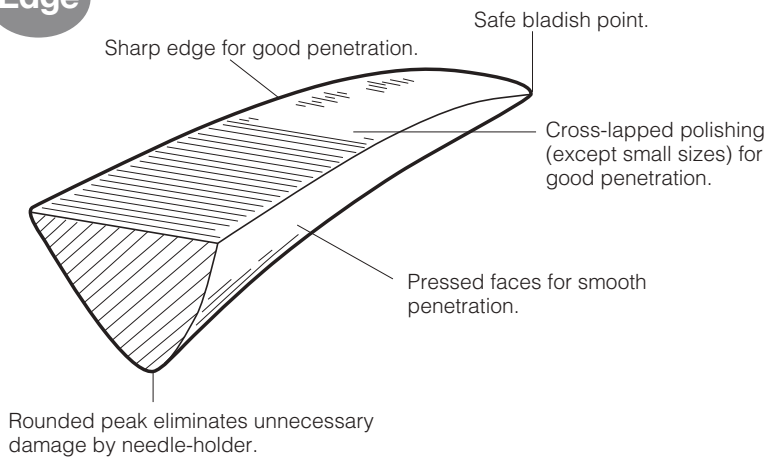
5 Additional information*

*Additional code to be added only for specific items
F=Fine L=Thick LL=Extra thick

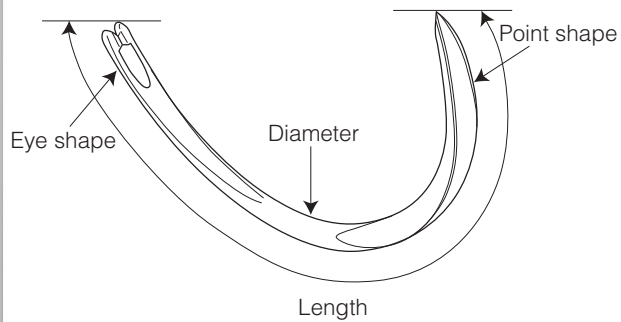
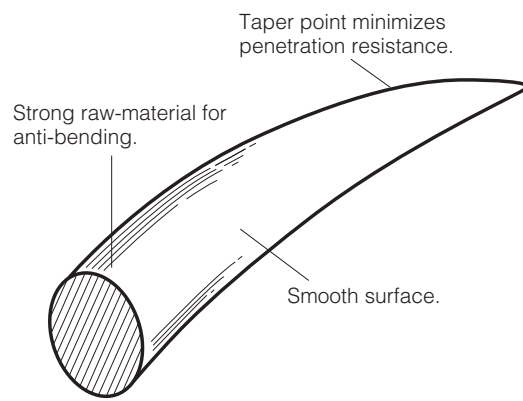
Eye



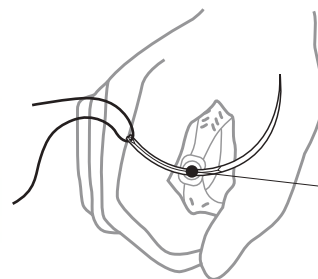
Edge



Taper Point



Maximum width of hole area is always wider than needle wire diameter.



If the portion close to the spring eye or the needlepoint is held with a needle-holder, the quality may deteriorate such as needle or thread breakage, etc. Make sure to hold it from one-third to one-half the distance from the end of the thread held to the needlepoint.

Succeeded in producing 18-8 stainless steel surgical needles for the first time in the world.

Curvature	Order Code		Specification			Note	Ref.
	Eye Shape		Point Shape	Length	Diameter		
1/2 Circle (180°)	SE-NE-FE-	MH13	Cutting edge	13 mm	0.53 mm		1
		MH15	Cutting edge	15 mm	0.53 mm		
		MH18	Cutting edge	17.5 mm	0.58 mm		
		MH21	Cutting edge	21 mm	0.68 mm		
		MH24	Cutting edge	24 mm	0.68 mm		
		MH28	Cutting edge	28.5 mm	0.78 mm		
		MH32	Cutting edge	32.5 mm	0.78 mm		
		MH36	Cutting edge	36.5 mm	0.88 mm		
		MH41	Cutting edge	41 mm	0.98 mm		
		MH45	Cutting edge	45 mm	1.08 mm		
		MH50	Cutting edge	50 mm	1.08 mm		
		MH55	Cutting edge	55 mm	1.08 mm		
		MH60	Cutting edge	60 mm	1.18 mm		
		MH65	Cutting edge	65 mm	1.18 mm		
MH70	Cutting edge	70 mm	1.28 mm				
1/2 Circle (180°)	SE-NE-FE-	NH15	Reverse Cutting	15 mm	0.53 mm	Reverse edge	2
		NH18	Reverse Cutting	17.5 mm	0.58 mm	Reverse edge	
		NH21	Reverse Cutting	21 mm	0.68 mm	Reverse edge	
		NH24	Reverse Cutting	24 mm	0.68 mm	Reverse edge	
		NH28	Reverse Cutting	28.5 mm	0.78 mm	Reverse edge	
		NH32	Reverse Cutting	32.5 mm	0.78 mm	Reverse edge	
		NH36	Reverse Cutting	36.5 mm	0.88 mm	Reverse edge	
		NH41	Reverse Cutting	41 mm	0.98 mm	Reverse edge	
		NH45	Reverse Cutting	45 mm	1.08 mm	Reverse edge	
		NH50	Reverse Cutting	50 mm	1.08 mm	Reverse edge	
		NH55	Reverse Cutting	55 mm	1.08 mm	Reverse edge	
NH60	Reverse Cutting	60 mm	1.18 mm	Reverse edge			
3/8 Circle (135°)	SE-NE-FE-	ME18	Cutting edge	17.5 mm	0.58 mm		3
		ME21	Cutting edge	21 mm	0.68 mm		
		ME24	Cutting edge	24 mm	0.68 mm		
		ME28	Cutting edge	28.5 mm	0.78 mm		
		ME32	Cutting edge	32.5 mm	0.78 mm		
		ME36	Cutting edge	36.5 mm	0.88 mm		
		ME41	Cutting edge	41 mm	0.98 mm		
		ME45	Cutting edge	45 mm	1.08 mm		
		ME50	Cutting edge	50 mm	1.08 mm		
		ME55	Cutting edge	55 mm	1.08 mm		
ME60	Cutting edge	60 mm	1.18 mm				
ME65	Cutting edge	65 mm	1.18 mm				
ME70	Cutting edge	70 mm	1.28 mm				
7/16 Circle (158°)	SE-NE-FE-	MG26L	Cutting edge	26 mm	0.88 mm	Thick	4
		MG31L	Cutting edge	31 mm	0.98 mm	Thick	
		MG36L	Cutting edge	36 mm	0.98 mm	Thick	
		MG41L	Cutting edge	41 mm	1.08 mm	Thick	
		MG45L	Cutting edge	45 mm	1.08 mm	Thick	
		MG51L	Cutting edge	51 mm	1.18 mm	Thick	
		MG56L	Cutting edge	56 mm	1.28 mm	Thick	
		MG61L	Cutting edge	61 mm	1.28 mm	Thick	
		MG66L	Cutting edge	66 mm	1.38 mm	Thick	
		MG71L	Cutting edge	71 mm	1.38 mm	Thick	
MG76L	Cutting edge	76 mm	1.48 mm	Thick			
1/2 Circle (180°)	SE-NE-FE-	MH28LL	Cutting edge	28 mm	0.98 mm	Extra thick	5
		MH32LL	Cutting edge	32 mm	0.98 mm	Extra thick	
		MH36LL	Cutting edge	36 mm	1.18 mm	Extra thick	
		MH40LL	Cutting edge	40 mm	1.28 mm	Extra thick	
		MH45LL	Cutting edge	45 mm	1.28 mm	Extra thick	
		MH50LL	Cutting edge	50 mm	1.28 mm	Extra thick	
		MH55LL	Cutting edge	55 mm	1.28 mm	Extra thick	
		MH60LL	Cutting edge	60 mm	1.38 mm	Extra thick	
MH65LL	Cutting edge	65 mm	1.38 mm	Extra thick			

Curvature	Order Code		Specification			Note	Ref.
	Eye Shape		Point Shape	Length	Diameter		
5/8 Circle (225°)	SE-NE-FE-	MF28LL	Cutting edge	28 mm	0.98 mm	Extra thick	6
		MF32LL	Cutting edge	32 mm	0.98 mm	Extra thick	
		MF36LL	Cutting edge	36 mm	1.18 mm	Extra thick	
		MF40LL	Cutting edge	40 mm	1.28 mm	Extra thick	
		MF45LL	Cutting edge	45 mm	1.28 mm	Extra thick	
		MF50LL	Cutting edge	50 mm	1.28 mm	Extra thick	
		MF55LL	Cutting edge	55 mm	1.28 mm	Extra thick	
		MF60LL	Cutting edge	60 mm	1.38 mm	Extra thick	
		MF65LL	Cutting edge	65 mm	1.38 mm	Extra thick	
		Straight	SE-NE-FE-	MS13	Cutting edge	13 mm	
MS15	Cutting edge			15 mm	0.53 mm		
MS18	Cutting edge			17.5 mm	0.58 mm		
MS21	Cutting edge			21 mm	0.68 mm		
MS24	Cutting edge			24 mm	0.68 mm		
MS28	Cutting edge			28.5 mm	0.78 mm		
MS32	Cutting edge			32.5 mm	0.78 mm		
MS36	Cutting edge			36.5 mm	0.88 mm		
MS41	Cutting edge			41 mm	0.98 mm		
MS45	Cutting edge			45 mm	1.08 mm		
MS50	Cutting edge			50 mm	1.08 mm		
MS53	Cutting edge			53 mm	1.08 mm		
MS55	Cutting edge			55 mm	1.08 mm		
MS60	Cutting edge			60 mm	1.18 mm		
MS65	Cutting edge	65 mm	1.18 mm				
MS70	Cutting edge	70 mm	1.28 mm				
MS75	Cutting edge	75 mm	1.28 mm				
5/16 Circle (113°)	SE-NE-FE-	ZI07*	Trapezoid spatula	7 mm	0.33 mm	Except FE Type	8
		ZI09*	Trapezoid spatula	9 mm	0.38 mm	Except FE Type	
		ZI11*	Trapezoid spatula	11 mm	0.38 mm	Except FE Type	
		ZI13*	Trapezoid spatula	13 mm	0.43 mm	Except FE Type	
		MI15	Cutting edge	15 mm	0.48 mm		
		MI18	Cutting edge	18 mm	0.53 mm		
MI21	Cutting edge	21 mm	0.58 mm				
1/2 Circle (180°)	SE-NE-FE-	RH22	Trocar	22 mm	0.98 mm		14
		RH25	Trocar	25 mm	0.98 mm		
		RH29	Trocar	29 mm	1.08 mm		
		RH35	Trocar	35 mm	1.18 mm		
		RH40	Trocar	40 mm	1.28 mm		
		RH46	Trocar	46 mm	1.28 mm		
		RH55	Trocar	55 mm	1.38 mm		
		RH60	Trocar	60 mm	1.38 mm		
		RH63	Trocar	63 mm	1.38 mm		
RH88	Trocar	88 mm	1.58 mm				

Curvature	Order Code		Specification			Note	Ref.
	Eye Shape		Point Shape	Length	Diameter		
1/2 Circle (180°)	SE-NE-FE-	TH13	Taper point	13 mm	0.53 mm		9
		TH15	Taper point	15 mm	0.53 mm		
		TH18	Taper point	17.5 mm	0.58 mm		
		TH21	Taper point	21 mm	0.68 mm		
		TH24	Taper point	24 mm	0.68 mm		
		TH28	Taper point	28.5 mm	0.78 mm		
		TH32	Taper point	32.5 mm	0.78 mm		
		TH36	Taper point	36.5 mm	0.88 mm		
		TH41	Taper point	41 mm	0.98 mm		
		TH45	Taper point	45 mm	1.08 mm		
		TH50	Taper point	50 mm	1.08 mm		
		TH55	Taper point	55 mm	1.08 mm		
		TH60	Taper point	60 mm	1.18 mm		
TH65	Taper point	65 mm	1.18 mm				
TH70	Taper point	70 mm	1.28 mm				
1/2 Circle (180°)	SE-NE-FE-	TH13F	Taper point	13 mm	0.48 mm	Fine	10
		TH18F	Taper point	18 mm	0.53 mm	Fine	
		TH21F	Taper point	21 mm	0.58 mm	Fine	
		TH24F	Taper point	23.5 mm	0.58 mm	Fine	
		TH29F	Taper point	29 mm	0.63 mm	Fine	
		TH32F	Taper point	32 mm	0.63 mm	Fine	
		TH34F	Taper point	34 mm	0.73 mm	Fine	
		TH36F	Taper point	36 mm	0.73 mm	Fine	
		TH40F	Taper point	40 mm	0.78 mm	Fine	
		TH45F	Taper point	45 mm	0.78 mm	Fine	
TH50F	Taper point	50 mm	0.88 mm	Fine			
TH55F	Taper point	55 mm	0.88 mm	Fine			
TH60F	Taper point	60 mm	0.88 mm	Fine			
3/8 Circle (135°)	SE-NE-FE-	TE18	Taper point	17.5 mm	0.58 mm		11
		TE21	Taper point	21 mm	0.68 mm		
		TE24	Taper point	24 mm	0.68 mm		
		TE28	Taper point	28.5 mm	0.78 mm		
		TE32	Taper point	32.5 mm	0.78 mm		
		TE36	Taper point	36.5 mm	0.88 mm		
		TE41	Taper point	41 mm	0.98 mm		
		TE45	Taper point	45 mm	1.08 mm		
		TE50	Taper point	50 mm	1.08 mm		
		TE55	Taper point	55 mm	1.08 mm		
		TE60	Taper point	60 mm	1.18 mm		
		TE65	Taper point	65 mm	1.18 mm		
		TE70	Taper point	70 mm	1.28 mm		
7/16 Circle (158°)	SE-NE-FE-	TG26L	Taper point	26 mm	0.88 mm	Thick	12
		TG31L	Taper point	31 mm	0.98 mm	Thick	
		TG36L	Taper point	36 mm	0.98 mm	Thick	
		TG41L	Taper point	41 mm	1.08 mm	Thick	
		TG45L	Taper point	45 mm	1.08 mm	Thick	
		TG51L	Taper point	51 mm	1.18 mm	Thick	
		TG56L	Taper point	56 mm	1.28 mm	Thick	
		TG61L	Taper point	61 mm	1.28 mm	Thick	
		TG66L	Taper point	66 mm	1.38 mm	Thick	
		TG71L	Taper point	71 mm	1.38 mm	Thick	
TG76L	Taper point	76 mm	1.48 mm	Thick			
1/2 Circle (180°)	SE-NE-FE-	TH28LL	Taper point	28 mm	0.98 mm	Extra thick	13
		TH32LL	Taper point	32 mm	0.98 mm	Extra thick	
		TH36LL	Taper point	36 mm	1.18 mm	Extra thick	
		TH40LL	Taper point	40 mm	1.28 mm	Extra thick	
		TH45LL	Taper point	45 mm	1.28 mm	Extra thick	
		TH50LL	Taper point	50 mm	1.28 mm	Extra thick	
		TH55LL	Taper point	55 mm	1.28 mm	Extra thick	
		TH60LL	Taper point	60 mm	1.38 mm	Extra thick	
TH65LL	Taper point	65 mm	1.38 mm	Extra thick			

Curvature	Order Code		Specification			Note	Ref.
	Eye Shape		Point Shape	Length	Diameter		
3/8 Circle (135°)	SE-NE-FE-	TE18F	Taper point	18 mm	0.53 mm	Fine	15
		TE24F	Taper point	23.5 mm	0.58 mm	Fine	
		TE29F	Taper point	29 mm	0.63 mm	Fine	
		TE34F	Taper point	34 mm	0.73 mm	Fine	
		TE40F	Taper point	40 mm	0.78 mm	Fine	
		TE45F	Taper point	45 mm	0.78 mm	Fine	
		TE50F	Taper point	50 mm	0.88 mm	Fine	
		TE55F	Taper point	55 mm	0.88 mm	Fine	
1/2 Circle (180°)	SE-NE-FE-	BH41	Blunt point	41 mm	1.08 mm		16
		BH51	Blunt point	51 mm	1.18 mm		
		BH66	Blunt point	66 mm	1.38 mm		
5/16 Circle (113°)	SE-NE-FE-	TI07*	Taper point	7 mm	0.33 mm	Except FE Type	17
		TI09*	Taper point	9 mm	0.38 mm	Except FE Type	
		TI11*	Taper point	11 mm	0.38 mm	Except FE Type	
		TI13*	Taper point	13 mm	0.43 mm	Except FE Type	
		TI15	Taper point	15 mm	0.48 mm		
		TI18	Taper point	18 mm	0.53 mm		
5/8 Circle (225°)	SE-NE-FE-	TF28LL	Taper point	28 mm	0.98 mm	Extra thick	18
		TF32LL	Taper point	32 mm	0.98 mm	Extra thick	
		TF36LL	Taper point	36 mm	1.18 mm	Extra thick	
		TF40LL	Taper point	40 mm	1.28 mm	Extra thick	
		TF45LL	Taper point	45 mm	1.28 mm	Extra thick	
		TF50LL	Taper point	50 mm	1.28 mm	Extra thick	
		TF55LL	Taper point	55 mm	1.28 mm	Extra thick	
		TF60LL	Taper point	60 mm	1.38 mm	Extra thick	
		TF65LL	Taper point	65 mm	1.38 mm	Extra thick	
		Straight	SE-NE-FE-	TS13	Taper point	13 mm	
TS15	Taper point			15 mm	0.53 mm		
TS18	Taper point			17.5 mm	0.58 mm		
TS21	Taper point			21 mm	0.68 mm		
TS24	Taper point			24 mm	0.68 mm		
TS28	Taper point			28.5 mm	0.78 mm		
TS32	Taper point			32.5 mm	0.78 mm		
TS36	Taper point			36.5 mm	0.88 mm		
TS41	Taper point			41 mm	0.98 mm		
TS45	Taper point			45 mm	1.08 mm		
TS50	Taper point			50 mm	1.08 mm		
TS53	Taper point			53 mm	1.08 mm		
TS55	Taper point			55 mm	1.08 mm		
TS60	Taper point			60 mm	1.18 mm		
TS65	Taper point			65 mm	1.18 mm		
TS70	Taper point			70 mm	1.28 mm		
TS75	Taper point	75 mm	1.28 mm				
Straight	SE-NE-FE-	TS13F	Taper point	13 mm	0.48 mm	Fine	20
		TS15F	Taper point	15 mm	0.48 mm	Fine	
		TS18F	Taper point	18 mm	0.53 mm	Fine	
		TS21F	Taper point	21 mm	0.58 mm	Fine	
		TS24F	Taper point	23.5 mm	0.58 mm	Fine	
		TS29F	Taper point	29 mm	0.63 mm	Fine	
		TS32F	Taper point	32 mm	0.63 mm	Fine	
		TS34F	Taper point	34 mm	0.73 mm	Fine	
		TS36F	Taper point	36 mm	0.73 mm	Fine	
		TS38F	Taper point	38 mm	0.78 mm	Fine	
		TS40F	Taper point	40 mm	0.78 mm	Fine	
		TS43F	Taper point	43 mm	0.78 mm	Fine	
		TS45F	Taper point	45 mm	0.78 mm	Fine	
		TS48F	Taper point	48 mm	0.88 mm	Fine	
		TS50F	Taper point	50 mm	0.88 mm	Fine	
		TS55F	Taper point	55 mm	0.88 mm	Fine	
		TS60F	Taper point	60 mm	0.88 mm	Fine	
TS65F	Taper point	65 mm	0.88 mm	Fine			
TS70F	Taper point	70 mm	0.88 mm	Fine			

Cutting edge 1/2 circle (H)

Order code	Length(mm)	Diameter(mm)
13	13	φ 0.53
15	15	0.53
18	17.5	0.58
21	21	0.68
24	21	0.68
28	24	0.78
32	28.5	0.78
36	32.5	0.88
41	36.5	0.98
45	41	1.08
50	45	1.08
55	50	1.08
60	55	1.18
65	60	1.18
70	65	1.28
	70	

SE-MH_ or NE-MH_ or FE-MH_

1

Reverse Cutting 1/2 circle (H)

Order code	Length(mm)	Diameter(mm)
15	15	φ 0.53
18	17.5	0.58
21	21	0.68
24	24	0.68
28	28.5	0.78
32	32.5	0.78
36	36.5	0.88
41	41	0.98
45	45	1.08
50	50	1.08
55	55	1.08
60	60	1.18
	60	

SE-NH_ or NE-NH_ or FE-NH_

2

Cutting edge 3/8 circle (E)

Order code	Length(mm)	Diameter(mm)
18	17.5	φ 0.58
21	21	0.68
24	24	0.68
28	28.5	0.78
32	32.5	0.78
36	36.5	0.88
41	41	0.98
45	45	1.08
50	50	1.08
55	55	1.08
60	60	1.18
65	65	1.18
70	70	1.28

SE-ME_ or NE-ME_ or FE-ME_

3

Cutting edge 7/16 circle (G)

Order code	Length(mm)	Diameter(mm)
26	26	φ 0.88
31	31	0.98
36	36	0.98
41	41	1.08
45	45	1.08
51	51	1.18
56	56	1.28
61	61	1.28
66	66	1.38
71	71	1.38
76	76	1.48

SE-MG_L or NE-MG_L or FE-MG_L

4

Cutting edge 1/2 circle (H)

Order code	Length(mm)	Diameter(mm)
28	28	φ 0.98
32	32	0.98
36	36	1.18
40	36	1.28
45	40	1.28
50	45	1.28
55	50	1.28
60	55	1.38
65	60	1.38
	65	

SE-MH_LL
or
NE-MH_LL
or
FE-MH_LL

5

Cutting edge 5/8 circle (F)

Order code	Length(mm)	Diameter(mm)
28	28	φ 0.98
32	32	0.98
36	32	1.18
40	36	1.28
45	40	1.28
50	45	1.28
55	50	1.28
60	55	1.38
65	60	1.38
	65	

SE-MF_LL
or
NE-MF_LL
or
FE-MF_LL

6

Cutting edge Straight (S)

Order code	Length(mm)	Diameter(mm)
13	13	φ 0.53
15	15	0.53
18	17.5	0.58
21	21	0.68
24	24	0.68
28	28.5	0.78
32	32.5	0.78
36	36.5	0.88
41	41	0.98
45	45	1.08
50	50	1.08
53	53	1.08
55	55	1.08
60	60	1.18
65	65	1.18
70	70	1.28
75	75	1.28

SE-MS_
or
NE-MS_
or
FE-MS_

7

Trapezoid spatula/Cutting edge 5/16 circle (I)

Order code	Length(mm)	Diameter(mm)
07	7	φ 0.33
09	9	0.38
11	11	0.38
13	13	0.43
15	15	0.48
18	18	0.53
21	21	0.58

SE-ZI_
or
NE-ZI_

SE-MI_
or
NE-MI_
or
FE-MI_

8

Taper point 1/2 circle (H)

Order code	Length(mm)	Diameter(mm)
13	13	φ 0.53
15	15	0.53
18	17.5	0.58
21	21	0.68
24	24	0.68
28	24	0.78
32	28.5	0.78
36	32.5	0.88
41	36.5	0.98
45	41	1.08
50	45	1.08
55	50	1.08
60	55	1.18
65	60	1.18
70	65	1.28
	70	

SE-TH_
or
NE-TH_
or
FE-TH_

9

Taper point 1/2 circle (H)

Order code	Length(mm)	Diameter(mm)
13	13	φ 0.48
18	18	0.53
21	21	0.58
24	21	0.58
29	23.5	0.63
32	29	0.63
34	32	0.73
36	34	0.73
40	36	0.78
45	40	0.78
50	45	0.88
55	50	0.88
	55	

SE-TH_F
or
NE-TH_F
or
FE-TH_F

10

Taper point 3/8 circle (E)

Order code	Length(mm)	Diameter(mm)
18	17.5	φ 0.58
21	21	0.68
24	24	0.68
28	28.5	0.78
32	32.5	0.78
36	36.5	0.88
41	41	0.98
45	41	1.08
50	45	1.08
55	50	1.08
60	55	1.18
65	60	1.18
70	65	1.28
	70	

SE-TE_
or
NE-TE_
or
FE-TE_

11

Taper point 7/16 circle (G)

Order code	Length(mm)	Diameter(mm)
26	26	φ 0.88
31	26	0.98
36	31	0.98
41	36	1.08
45	41	1.08
51	45	1.18
56	51	1.28
61	56	1.28
66	61	1.38
71	66	1.38
76	71	1.48
	76	

SE-TG_L
or
NE-TG_L
or
FE-TG_L

12

Taper point 1/2 circle (H)

Order code	Length(mm)	Diameter(mm)
28	28	ϕ 0.98
32	32	0.98
36	36	1.18
40	36	1.28
45	40	1.28
50	45	1.28
55	50	1.28
60	55	1.38
65	60	1.38
	65	

SE-TH_LL
or
NE-TH_LL
or
FE-TH_LL

13

Trocar 1/2 circle (H)

Order code	Length(mm)	Diameter(mm)
22	22	ϕ 0.98
25	25	0.98
29	29	1.08
35	29	1.18
40	35	1.28
46	40	1.28
55	46	1.38
60	55	1.38
63	60	1.38
88	63	1.58
	88	

SE-RH_
or
NE-RH_
or
FE-RH_

14

Taper point 3/8 circle (E)

Order code	Length(mm)	Diameter(mm)
18	18	ϕ 0.53
24	23.5	0.58
29	29	0.63
34	34	0.73
40	40	0.78
45	45	0.78
50	50	0.88
55	55	0.88

SE-TE_F
or
NE-TE_F
or
FE-TE_F

15

Blunt point 1/2 circle (H)

Order code	Length(mm)	Diameter(mm)
41	41	ϕ 1.08
51	51	1.18
66	51	1.38
	66	

SE-BH_
or
NE-BH_
or
FE-BH_

16

Taper point 5/16 circle (I)

Order code	Length(mm)	Diameter(mm)
07*	7	φ 0.33
09*	9	0.38
11*	11	0.38
13*	13	0.43
15	15	0.48
18	18	0.53
21	21	0.58

SE-TI_
or
NE-TI_
or
FE-TI_
(Except*)

17

Taper point 5/8 circle (F)

Order code	Length(mm)	Diameter(mm)
28	28	φ 0.98
32	32	0.98
36	36	1.18
40	36	1.28
45	40	1.28
50	45	1.28
55	50	1.28
60	55	1.38
	60	

SE-TF_LL
or
NE-TF_LL
or
FE-TF_LL

18

Taper point Straight (S)

Order code	Length(mm)	Diameter(mm)
13	13	φ 0.53
15	15	0.53
18	17.5	0.58
21	21	0.68
24	24	0.68
28	28.5	0.78
32	32.5	0.78
36	36.5	0.88
41	41	0.98
45	45	1.08
50	50	1.08
53	53	1.08
55	55	1.08
60	60	1.18
65	65	1.18
70	70	1.28
75	75	1.28

SE-TS_
or
NE-TS_
or
FE-TS_

19

Taper point Straight (S)

Order code	Length(mm)	Diameter(mm)
13	13	φ 0.48
15	15	0.48
18	18	0.53
21	21	0.58
24	23.5	0.58
29	29	0.63
32	32	0.63
34	34	0.73
36	36	0.73
38	38	0.78
40	40	0.78
43	43	0.78
45	45	0.78
48	48	0.88
50	50	0.88
55	55	0.88

SE-TS_F
or
NE-TS_F
or
FE-TS_F

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Codes listed in this catalogue are our standard products. Please feel free to contact us if you are looking for specifications not listed in this catalogue or custom-made needles.



MANI, INC. Takanezawa Factory



MANI, INC. Kiyohara Factory

Japan



MANI VIENTIANE SOLE. CO., LTD.

Laos



MANI YANGON LTD.

Myanmar



Vietnam



MANI HANOI CO., LTD.



MANI HANOI CO., LTD., PY2 FACTORY

MANI, INC.

Manufacturer

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