

# DRILLED- END CARDIOVASCULAR TAPER CUTTING NEEDLES

*EXAMPLE OF NEEDLE CODE*

**VHSYZ 180 20 51 28 CRS**

**1 TYPE**

V - Drilled end,  
Cardiovascular

**2 SHAPE**

D - 3/8 Circle  
H - 1/2 Circle  
X - Compound curve

**3 POINT**

SY - Round body  
taper cutting

**5 ANGLE OF CURVATURE**

135° - (3/8 Circle)  
160° - (1/2 Circle)  
165° - (1/2 Circle)  
170° - (1/2 Circle)  
175° - (1/2 Circle)  
180° - (1/2 Circle)

**6 LENGTH**

Length of needle  
(in mm)

8	24
10	25
12	26
13	28
15	30
18	35
20	36
22	

**7 WIRE SIZE**

Wire dia. of needle in  
hundredths of mm.

23	51
28	56
30	58
33	61
38	66
40	71
43	81
46	86
48	100

**9 GRADE OF STEEL**

C - 1RK 91  
D - AISI 302  
F - Custom 470

**11 SILICONISED**

B - Black  
S - Siliconised

**8 HOLE SIZE**

Diameter of drilled hole  
in hundredths of mm.

12	33
14	36
15	40
16	42
17	43
19	44
20	46
21	47
23	48
25	49
27	51
28	53
30	55
32	

**10 RIBBED BODY**

R - Ribbed body

**4 SPECIAL FEATURE (IF REQD.)**

(VIEW D)

Z - Square body

