

3.

3-1.

가 (sheet),
(sheet),
(fillet)
가 .

(1) (: foundation)

가

3~4

(- , -)

$$(-, -)$$

(量感), ,

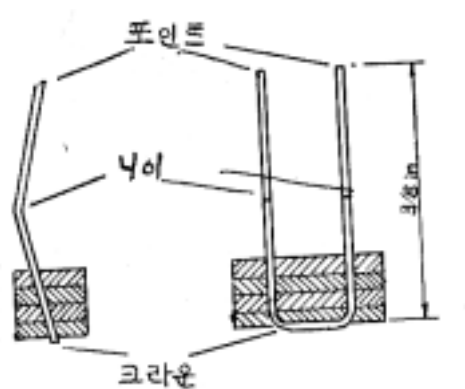
가

가 (JIS L 5135)

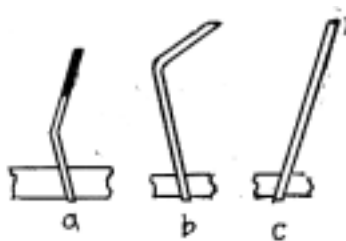
: VIR 5 (VIR C, L, C, C, C)

: 3 (VIR/NIR C, L, C)

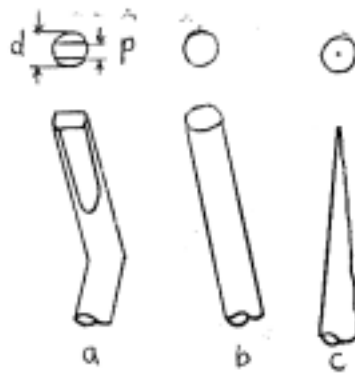
(C: , L: , VIR: , NIR:)



< 3-1>



< 3-2> a. b. c.



< 3-3 >

a. () b. () c. ()

(2) (針)

0.23~0.43mm

가

(plow)

(3) (wire setting)

(rib)

(twill)

가

1)

3-4

가

1/3

(crown)

(staple) 3 (-nogg)

2)

,

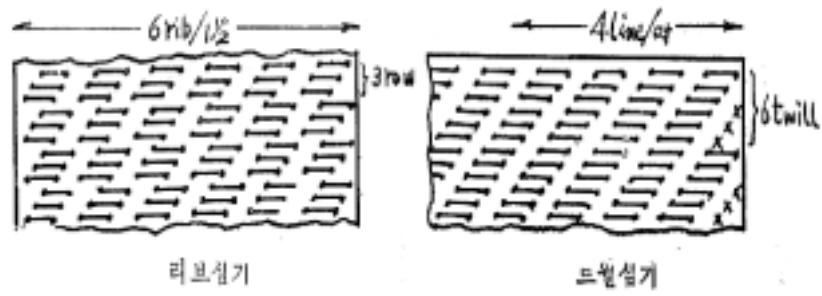
가

(6

1

가

)



< 3-4 >

(4)

25.4mm 4

1 "

25.4mm 5~13 ,

10~27 가 .

100mm(4in), 25.4mm 10 (20)

1 n n 가 .

1/5 가 . 가 가

90~130 .

$$= \frac{1", 4"}{10} = \frac{1in^2}{2.5}$$

$$= 1in^2 / 5$$

3-1

,

3-2

< 3-1>

			/in ²	In ()	
	(mm)	C.W.G			
90	0.355	30	450	19	9.5
100	0.330	31	500	21	10.5
110	3.305	32	550	23	11.5
120	0.280	33	600	25	12.5
130	0.255	34	650	27	13.5

< 3-2>

	(in ²)	
27	-	-
28	70	125
-	-	-
30	80	155
-	-	-
32	90	155

3-2 (性狀)

가

(1)

3-5 D₂ D₁, D (knee) C

가 D₂ F C

q CD p

$$p = F \sin \beta$$

$$q = F \cos \beta$$

(2)

3-6 ACD

. ACD AC₁D, AC₂D가

가

3-5 q가

ω

가

$$\omega = \mu P = q = \mu F \sin \beta = F \cos \beta$$

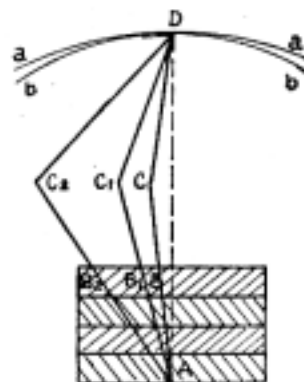
$$\mu = \cos \beta / \sin \beta = 1 / \tan \beta$$

$$\beta < 90^\circ$$

$$\alpha = 75^\circ \quad \beta = 76^\circ$$

$$\alpha = 75^\circ \quad \beta = 73^\circ$$

$$\alpha = 75^\circ \quad \beta = 75^\circ$$



< 3-3 >