







7mm A4

5	
	considering "notch":
	$R_{B} = P/2 P$
0-	Assumption
	-> approximate notch of radius ==> 1=6mm
	$\frac{b}{h} = \frac{6  \text{nm}}{10.75  \text{mm}} = 0.303  20.35$
	$\frac{H}{h} = \frac{31.75  \text{mm}}{9.75  \text{nm}} = 1.607  \Delta 1.60$
	1 19.75 nm 5ma = 1.8 x 5 von
	$K_{t} = 1.8$ = 0.00718P MPG (avrial)
	- That = Kt. Juan
0	$\Rightarrow \sigma = \frac{P}{Vh}$
	= P.1/2 N
	6.35 mm x 19.75 mm
	= 0.00398 P MPa
	$M_B = P. \frac{3}{1/3} N_M$
	$\frac{r}{h} = \frac{6mm}{19.75mm} = 0.303 - 0.30$
E Y 1	
	$\frac{H}{h} = \frac{31.75  \text{mm}}{19.75  \text{mm}} = 1.607  \text{m} \cdot 1.60$
	: K+ = 1.5
-0-	- 5 max = Kx . 5 mon = 68. 1P MPa
	/. 1
	5-0 112
	- 6(P.3/160 Nm)
	(6.35 mm) (19.75 mm) <sup>2</sup>
	= 45419.7P Pa
14 C CA	= 45.42 P MP=
	17.16
Maria Si	
TO	
	7mm A4
*	

superimpose to find total stress concentration at max = max assist, hole + max, bend, hole + I man, axial, notel + 5 man, bend, not oh = 0.01508P + 1.88P + 0.00718P + 6P.1P = 70 P 7mm A4