

[]
 Lark Cook

σ_{obs} []
 D_0/H_0
 $D_0/H_0=0$

mm

() ()

$\mu = 3 (H/D)[(\sigma_{obs}/\sigma_0) - 1]$ ()
 $^{\circ}C$

Lark Cook []
 - %
 MTS 30/ MH [] Hill [] $\sigma_0 - (D_0/H_0)$
 (PTFE) $\sigma_0 - (D_0/H_0)$
 $D_0/H_0 = 0$
 / mm [] Richardson
 - s Lark Cook
 $\sigma_0 - (D_0/H_0)$

() () [] Padmanabhan Singh

(-a) (-a) $\sigma_{obs} - (D_0/H_0)$ % % %
 $D_0/H_0 = 0$
 $\sigma_{obs} - (D/H)$ $\sigma_{obs} - (D_0/H_0)$
 / H

PTFE

(-b) (-b) Lark Cook

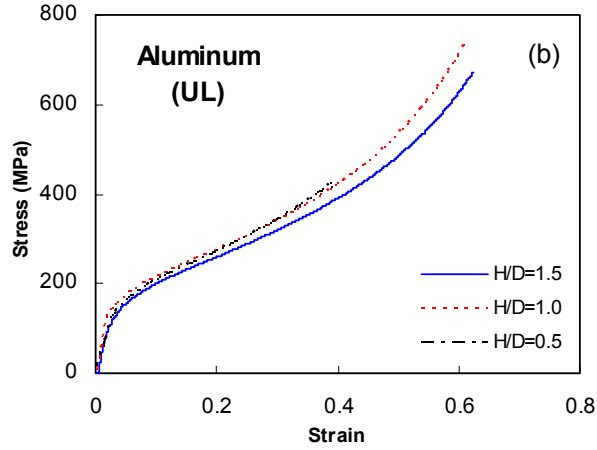
.....

.() :

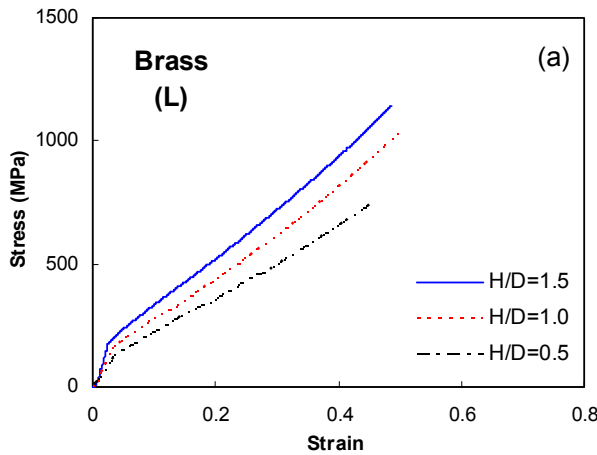
Al	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti
Base	3.15	1.51	3.15	0.11	0.11	0.01	0.05	1.86	0.02

.() :

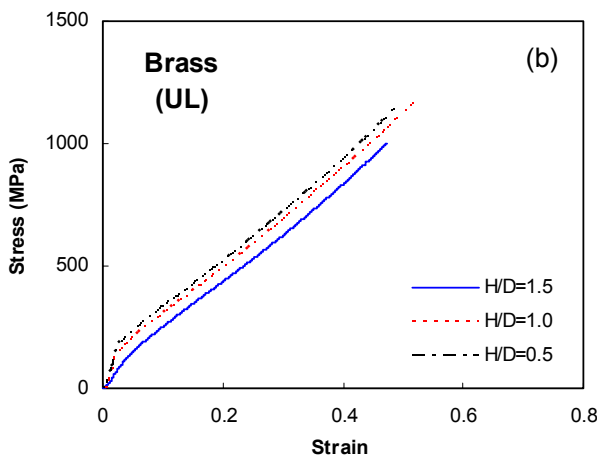
Cu	Zn	Pb	Sn	P	Fe
Base	40.12	2.74	0.08	<0.005	0.22



(b) (a) / / / - :



(b) (a) / / / - :



(-b)
 ΔS /

/

ΔS /

/

/ /

(e) $(S_{UL} - S_L)$
()

(-b) (-a)

(a)

/ %

/ /

/ ΔS

ΔS / /

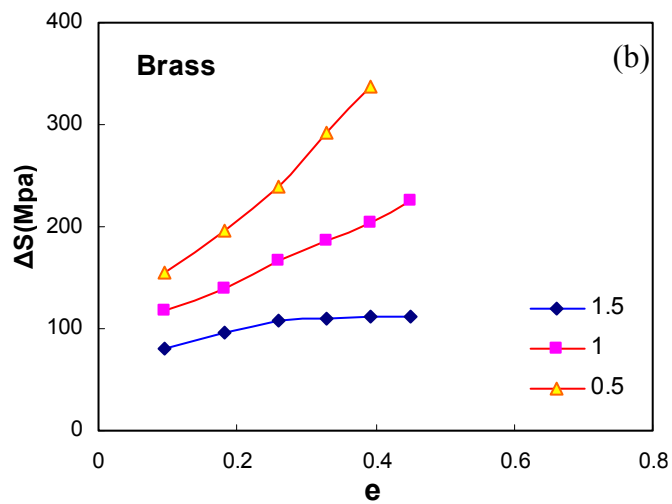
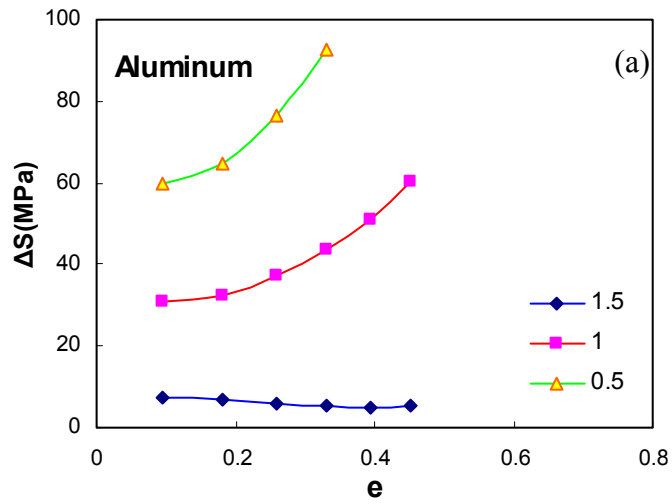
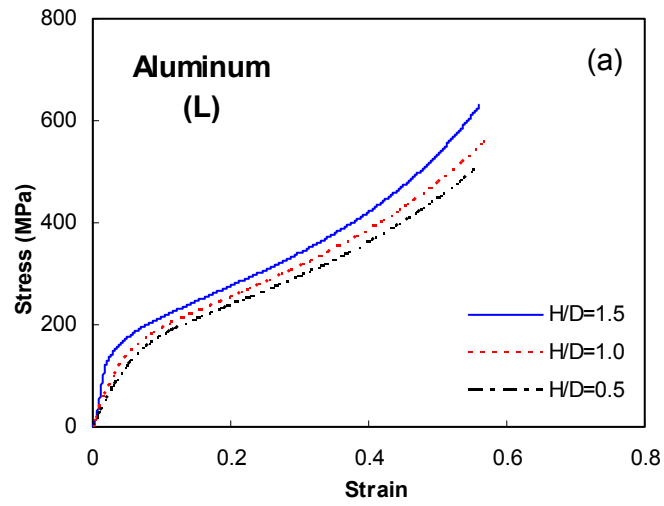
(-a)

(-b)

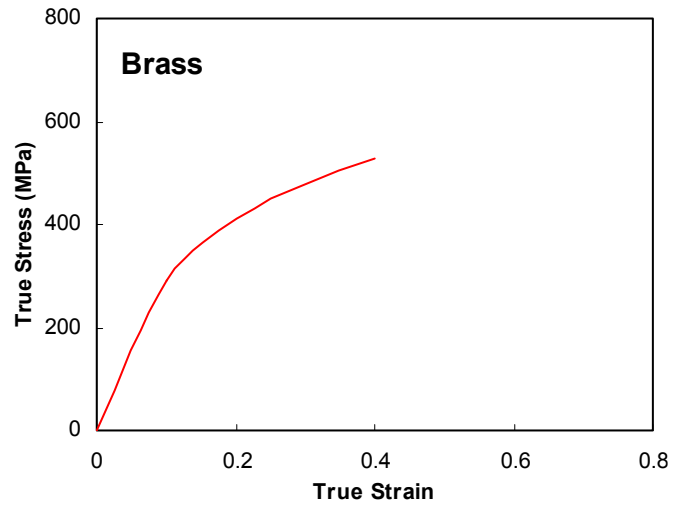
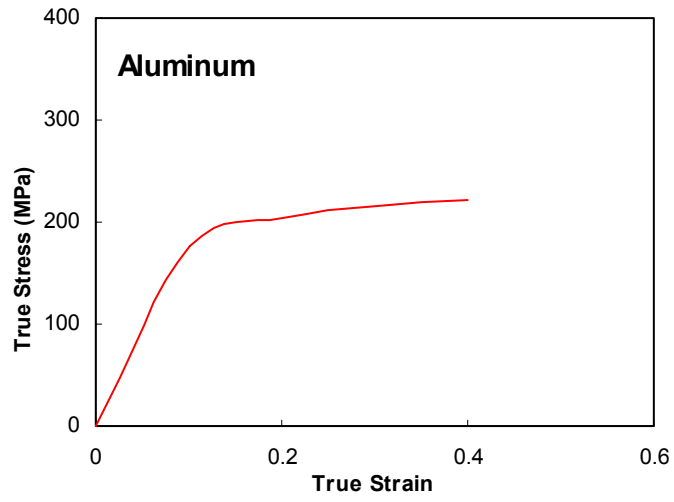
$H_0/D_0 = /$
/ /

/ %

e ΔS



(b) (a) / / / e ΔS :



Cook

Lark

() ()

Lark Cook

()

PTFE

s

/

s

/

