

FLoads:	Force loads conversions					
g-shift	Struct:	FLoads:	N ←	→ kgf	ft/s ² ←	→ m/s ²
f-shift	N/m ←	→ kgf/m	kgf ←	→ lbf	in/s ² ←	→ m/s ²
unshifted	N/m ←	→ lbf/ft	N ←	→ lbf	·m	·k
Page 1	F1	F2	F3	F4	F5	F6

Prev menu https://47calc.com/doc/C47/Menus/C47_Menu_FLG_page_2.pdf

Next menu https://47calc.com/doc/C47/Menus/C47_Menu_FPART_page_1.pdf

Level	Label	Type	FullName	Extended description	Category	Flag	Catalog	Default
Menu p1	FLoads:	MENU	Force loads conversions	Convert between units of force loads ; typical structural loads units ; Info : Flag CONV _{HP} may be SET for <to> <-> <to> unit conversion buttons ; CLEAR for <from> > < <from> unit conversion buttons (default SET)	Miscellaneous conversions		FLoads:	
F1	lbf/ft→N/m (N/m <-)	Function (monadic, linked)	lbf/ft to N/m	Convert pound force per foot to Newton per metre ; TI : N/m:	Linear Force Density conversions	CONV _{HP}		
F2	N/m→lbf/ft (→ lbf/ft)	Function (monadic, linked)	N/m to lbf/ft	Convert Newton per metre to pound force per foot ; TI : lbf/ft:	Linear Force Density conversions	CONV _{HP}		
F3	lbf→N (N <-)	Function (monadic, linked)	lbf to N	Convert pound force to Newton ; TI : N:	Force conversions	CONV _{HP}		
F4	N→lbf (→ lbf)	Function (monadic, linked)	N to lbf	Convert Newton to pound force ; TI : lbf:	Force conversions	CONV _{HP}		
F5	-m	Command (nonpgm)	milli	Factor 10 ⁻³	Numeric input			
F6	-k	Command (nonpgm)	kilo	Factor 10 ³	Numeric input			
fF1	kgf/m→N/m (N/m <-)	Function (monadic, linked)	kgf/m to N/m	Convert kilogram force per metre to Newton per metre ; TI : N/m:	Linear Force Density conversions	CONV _{HP}		
fF2	N/m→kgf/m (→ kgf/m)	Function (monadic, linked)	N/m to kgf/m	Convert Newton per metre to kilogram force per metre ; TI : kgf/m:	Linear Force Density conversions	CONV _{HP}		
fF3	lbf→kgf (kgf <-)	Function (monadic, linked)	lbf to kgf	Convert pound force to kilogram force ; TI : kgf:	Force conversions	CONV _{HP}		
fF4	kgf→lbf (→ lbf)	Function (monadic, linked)	kgf to lbf	Convert kilogram force to pound force ; TI : lbf:	Force conversions	CONV _{HP}		
fF5	m/s ² →in/s ² (in/s ² <-)	Function (monadic, linked)	m/s ² to in/s ²	Convert metre per second squared to inch per second squared ; TI : in/s ² :	Acceleration conversions	CONV _{HP}		
fF6	in/s ² →m/s ² (→ m/s ²)	Function (monadic, linked)	in/s ² to m/s ²	Convert inch per second squared to metre per second squared ; TI : m/s ² :	Acceleration conversions	CONV _{HP}		
gF1	Struct:	MENU	Structural conversions	Section and material properties, force and moment load conversions ; Info : Flag CONV _{HP} may be SET for <to> <-> <to> unit conversion buttons ; CLEAR for <from> > < <from> unit conversion buttons (default SET) ; Ref : https://47calc.com/doc/Application%20Notes/AN0027_C47_R47_DA_Structural_conversions.pdf	Miscellaneous conversions	CONV _{HP}	Struct:	
gF2	FLoads:	MENU	Force loads conversions	Convert between units of force loads ; typical structural loads units ; Info : Flag CONV _{HP} may be SET for <to> <-> <to> unit conversion buttons ; CLEAR for <from> > < <from> unit conversion buttons (default SET)	Miscellaneous conversions		FLoads:	
gF3	kgf→N (N <-)	Function (monadic, linked)	kgf to N	Convert kilogram force to Newton ; TI : N:	Force conversions	CONV _{HP}		
gF4	N→kgf (→ kgf)	Function (monadic, linked)	N to kgf	Convert Newton to kilogram force ; TI : kgf:	Force conversions	CONV _{HP}		
gF5	m/s ² →ft/s ² (ft/s ² <-)	Function (monadic, linked)	m/s ² to ft/s ²	Convert metre per second squared to foot per second squared ; TI : ft/s ² :	Acceleration conversions	CONV _{HP}		
gF6	ft/s ² →m/s ² (→ m/s ²)	Function (monadic, linked)	ft/s ² to m/s ²	Convert foot per second squared to metre per second squared ; TI : m/s ² :	Acceleration conversions	CONV _{HP}		

p1	FLoads:	Link
F1	$\text{lbf/ft} \rightarrow \text{N/m}$ (N/m $\leftarrow$)	
F2	$\text{N/m} \rightarrow \text{lbf/ft}$ ($\rightarrow \text{lbf/ft}$)	
F3	$\text{lbf} \rightarrow \text{N}$ (N $\leftarrow$)	
F4	$\text{N} \rightarrow \text{lbf}$ ($\rightarrow \text{lbf}$)	
F5	$\cdot \text{m}$	
F6	$\cdot \text{k}$	
fF1	$\text{kgf/m} \rightarrow \text{N/m}$ (N/m $\leftarrow$)	
fF2	$\text{N/m} \rightarrow \text{kgf/m}$ ($\rightarrow \text{kgf/m}$)	
fF3	$\text{lbf} \rightarrow \text{kgf}$ (kgf $\leftarrow$)	
fF4	$\text{kgf} \rightarrow \text{lbf}$ ($\rightarrow \text{lbf}$)	
fF5	$\text{m/s}^2 \rightarrow \text{in/s}^2$ (in/s ² $\leftarrow$)	
fF6	$\text{in/s}^2 \rightarrow \text{m/s}^2$ ($\rightarrow \text{m/s}^2$)	
gF1	Struct:	https://47calc.com/doc/C47/Menus/C47_Menu_Struct_page_1.pdf
gF2	FLoads:	https://47calc.com/doc/C47/Menus/C47_Menu_FLoads_page_1.pdf
gF3	$\text{kgf} \rightarrow \text{N}$ (N $\leftarrow$)	
gF4	$\text{N} \rightarrow \text{kgf}$ ($\rightarrow \text{kgf}$)	
gF5	$\text{m/s}^2 \rightarrow \text{ft/s}^2$ (ft/s ² $\leftarrow$)	
gF6	$\text{ft/s}^2 \rightarrow \text{m/s}^2$ ($\rightarrow \text{m/s}^2$)	