

SecPrp:	Section properties conversions					
g-shift	Struct:	SecPrp:	mm ³ ←	→ in ³	mm ⁶ ←	→ in ⁶
f-shift			mm ² ←	→ in ²	mm ⁴ ←	→ in ⁴
unshifted	kg/m ←	→ lbs/ft	mm ←	→ in	·m	·k
Page 1	F1	F2	F3	F4	F5	F6

Prev menu https://47calc.com/doc/C47/Menus/C47_Menu_SCATR_page_1.pdf

Next menu https://47calc.com/doc/C47/Menus/C47_Menu_SIM_EQ_page_1.pdf

Level	Label	Type	FullName	Extended description	Category	Flag	Catalog	Default
Menu p1	SecPrp:	MENU	Section properties conversions	Convert between units of section properties ; typical properties given in tables of steel/ALU sections ; Info : Flag CONV _{HP} may be SET for <to> <-> <to> unit conversion buttons ; CLEAR for <from> <-> <from> unit conversion buttons (default SET)	Miscellaneous conversions		SecPrp:	
F1	lbs/ft→kg/m (kg/m ←)	Function (monadic, linked)	lbs/ft to kg/m	Convert pound per foot to kilogram per metre ; TI : kg/m:	Fixed pair conversions	CONV _{HP}		
F2	kg/m→lbs/ft (→ lbs/ft)	Function (monadic, linked)	kg/m to lbs/ft	Convert kilogram per metre to pound per foot ; TI : lbs/ft:	Fixed pair conversions	CONV _{HP}		
F3	in→mm (mm ←)	Function (monadic, linked)	in to mm	Convert inch to millimetre ; TI : mm:	Distance conversions	CONV _{HP}		
F4	mm→in (→ in)	Function (monadic, linked)	mm to in	Convert millimetre to inch ; TI : in:	Distance conversions	CONV _{HP}		
F5	·m	Command (nonpgm)	milli	Factor 10 ⁻³	Numeric input			
F6	·k	Command (nonpgm)	kilo	Factor 10 ³	Numeric input			
fF1								
fF2								
fF3	in ² →mm ² (mm ² ←)	Function (monadic, linked)	in ² to mm ²	Convert square inch to square millimetre ; TI : mm ² :	Area conversions	CONV _{HP}		
fF4	mm ² →in ² (→ in ²)	Function (monadic, linked)	mm ² to in ²	Convert square millimetre to square inch ; TI : in ² :	Area conversions	CONV _{HP}		
fF5	in ⁴ →mm ⁴ (mm ⁴ ←)	Function (monadic, linked)	in ⁴ to mm ⁴	Convert inch to the power 4 to millimetre to the power 4 ; TI : mm ⁴ :	Fixed pair conversions	CONV _{HP}		
fF6	mm ⁴ →in ⁴ (→ in ⁴)	Function (monadic, linked)	mm ⁴ to in ⁴	Convert millimetre to the power 4 to inch to the power 4 ; TI : in ⁴ :	Fixed pair 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	SecPrp:	MENU	Section properties conversions	Convert between units of section properties ; typical properties given in tables of steel/ALU sections ; Info : Flag CONV _{HP} may be SET for <to> <-> <to> unit conversion buttons ; CLEAR for <from> <-> <from> unit conversion buttons (default SET)	Miscellaneous conversions		SecPrp:	
gF3	in ³ →mm ³ (mm ³ ←)	Function (monadic, linked)	in ³ to mm ³	Convert cubic inch to cubic millimetre ; TI : mm ³ :	Volume conversions	CONV _{HP}		
gF4	mm ³ →in ³ (→ in ³)	Function (monadic, linked)	mm ³ to in ³	Convert cubic millimetre to cubic inch ; TI : in ³ :	Volume conversions	CONV _{HP}		
gF5	in ⁶ →mm ⁶ (mm ⁶ ←)	Function (monadic, linked)	in ⁶ to mm ⁶	Convert inch to the power 6 to millimetre to the power 6 ; TI : mm ⁶ :	Fixed pair conversions	CONV _{HP}		
gF6	mm ⁶ →in ⁶ (→ in ⁶)	Function (monadic, linked)	mm ⁶ to in ⁶	Convert millimetre to the power 6 to inch to the power 6 ; TI : in ⁶ :	Fixed pair conversions	CONV _{HP}		

p1	SecPrp:	Link
F1	lbs/ft→kg/m (kg/m ←)	
F2	kg/m→lbs/ft (→ lbs/ft)	
F3	in→mm (mm ←)	
F4	mm→in (→ in)	
F5	·m	
F6	·k	
fF1		
fF2		
fF3	in ² →mm ² (mm ² ←)	
fF4	mm ² →in ² (→ in ²)	
fF5	in ⁴ →mm ⁴ (mm ⁴ ←)	
fF6	mm ⁴ →in ⁴ (→ in ⁴)	
gF1	Struct:	https://47calc.com/doc/C47/Menus/C47_Menu_Struct_page_1.pdf
gF2	SecPrp:	https://47calc.com/doc/C47/Menus/C47_Menu_SecPrp_page_1.pdf
gF3	in ³ →mm ³ (mm ³ ←)	
gF4	mm ³ →in ³ (→ in ³)	
gF5	in ⁶ →mm ⁶ (mm ⁶ ←)	
gF6	mm ⁶ →in ⁶ (→ in ⁶)	