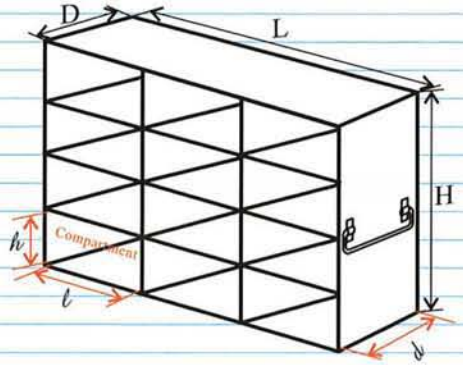
Inventory Control Racks

Work Sheet for Customized Upright Freezer Racks

H, L, D: outside dimensions of rack
h, ℓ, d: internal dimensions of compartment:
- h: internal height for holding boxes
- ℓ: internal width for holding boxes
- d: internal depth for the rack holding boxes

n: # of layers vertically
m: # of boxes horizontally



Step1: Please specify parameters and number of racks in the following table:

(Make sure the rack you require is upright freezer rack.)

Unit	h	ℓ	d	Tolerance (Optional)			n	m	Security Locking Device	Number of Racks Needed
				$\triangle h$	$\triangle \ell$	$\triangle d$				
○ Inch ○ mm				±	±	±			○ Yes ○ No	

If tolerance is not specified, default tolerance of ±0.5mm will be used for $\triangle h$, $\triangle \ell$, $\triangle d$.
If your storage boxes are listed in the table at bottom of this sheet, use the standard dimension for h, ℓ and d in the table.

Step2: Calculate H, L, D by using the following formulae:

Unit used in following formulae is millimeter. Please convert unit into millimeter for h, ℓ and d if "Inch" is used in above table.

H = h x n + 0.5 x (n-1) + 2.8= _____

L = ℓ x m + 0.7 x (m-1) + 1.4= _____

D = d + 1.4= _____

Optional:

$\triangle$H = $\triangle h$ x n = _____

$\triangle$L = $\triangle \ell$ x m = _____

$\triangle$D = $\triangle d$ = _____

Step3: Fax or submit the form

Please provide contact name and number:

Contact name: _____ Dept. and Institution: _____

Tel: _____ Fax: _____

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Table for h, ℓ and d rack compartment dimensions for holding typical storage boxes.

Type of Storage Boxes	h mm	ℓ mm	d mm	Tolerance (mm)		
				$\triangle h$	$\triangle \ell$	$\triangle d$
For Standard 2″ Boxes	55.5	137.3	138.6	±0.1	±0.1	±0.1
For Standard 3″ Boxes	82.5	138	138.6	±0.1	±0.1	±0.1
For 50-Cell 0.5ml Microtube Storage Boxes	55	138	138.3	±0.1	±0.1	±0.1
For 50-Cell 1.5ml Microtube Storage Boxes	57.6	157.3	147.8	±0.1	±0.1	±0.1
For 15ml & 50ml Tube Boxes	128	153.1	147.8	±0.1	±0.1	±0.1
For 100-Cell hinged Top Plastic Storage Boxes	57.6	157.3	147.8	±0.1	±0.1	±0.1

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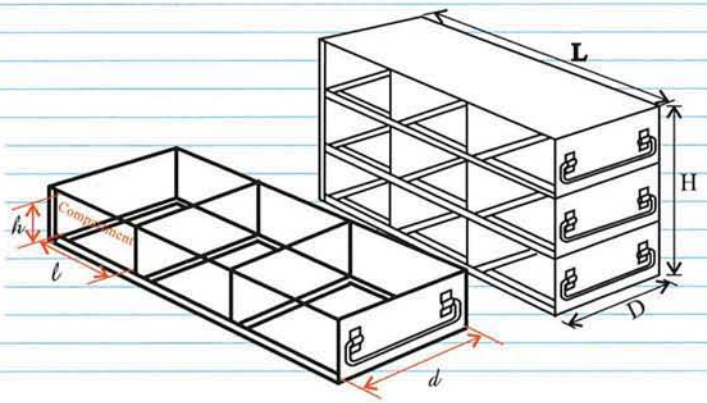
Work Sheet for Customized Upright Freezer Drawer Racks

H, L, D: outside dimensions of rack
h, ℓ, d: internal dimensions of compartment:
- h: internal height for holding boxes
- ℓ: internal width for holding boxes
- d: internal depth for the rack holding boxes

n: # of layers vertically
m: # of boxes horizontally



Step1: Please specify parameters and number of racks in the following table:

(Make sure the rack you require is upright freezer drawer rack.)

Unit	h	ℓ	d	Tolerance (Optional)			n	m	Security Locking Device	Number of Racks Needed
				$\triangle h$	$\triangle \ell$	$\triangle d$				
○ Inch ○ mm				±	±	±			○ Yes ○ No	

If tolerance is not specified, default tolerance of ±0.5mm will be used for $\triangle h$, $\triangle \ell$, $\triangle d$.
If your storage boxes are listed in the table at bottom of this sheet, use the standard dimension for h, ℓ and d in the table.

Step2: Calculate H, L, D by using the following formulae:

Unit used in following formulae is millimeter. Please convert unit into millimeter for h, ℓ and d if "Inch" is used in above table.

H= h + 2.6 x n + 0.7 x (n+1) + 2 x n= _____

L = ℓ x m + 0.5 x (m+1) + 6= _____

D= d + 6.7= _____

Optional:

$\triangle$H=$\triangle h$ x n= _____

$\triangle$L = $\triangle \ell$ x m= _____

$\triangle$D = $\triangle d$ = _____

Step3: Fax or submit the form

Please provide contact name and number:

Contact name: _____ Dept. and Institution: _____

Tel: _____ Fax: _____

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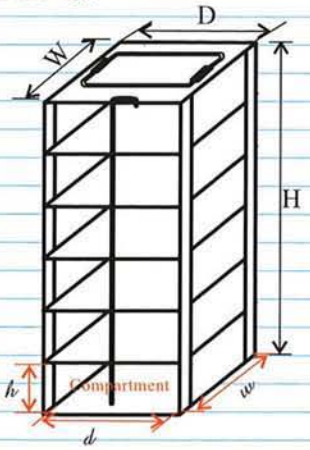
Table for h, ℓ and d rack compartment dimensions for holding typical storage boxes.

Type of Storage Boxes	h mm	ℓ mm	d mm	Tolerance (mm)		
				$\triangle h$	$\triangle \ell$	$\triangle d$
For Standard 2″ Boxes	54.4	137.5	133.5	±0.1	±0.1	±0.1
For Standard 3″ Boxes	78.5	137.5	133.5	±0.1	±0.1	±0.1

Inventory Control Racks

Inventory Control Racks

Work Sheet for Customized Vertical Racks



H, D, W: outside dimensions of rack
h, *d*, *w*: internal dimensions of compartment:
h: internal height for holding boxes
d: internal width for holding boxes
w: internal depth for the rack holding boxes
n: # of layers vertically
m: # of boxes horizontally

Step1: Please specify parameters number of racks in the following table:

(Make sure the rack you require is vertical rack.)

Unit	*h*	*d*	*w*	Tolerance (Optional)			n	m	0.5 ml or 1.5 ml Microtube Storage Box	Security Locking Device	Number of Racks Needed
				△*h*	△*d*	△*w*					
○ Inch ○ mm				±	±	±			○ Yes ○ No	○ Yes ○ No	

If tolerance is not specified, default tolerance of ±0.5mm will be used for △*h*, △*d*, △*w*.
If your storage boxes are listed in the table at bottom of this sheet, use the standard dimension for *h*, *d* and *w* in the table.

Step2: Calculate H, D, W by using the following formulae:

Unit used in following formulae is millimeter. Please convert unit into millimeter for *h*, *d* and *w* if "Inch" is used in above table.

H = *h* x n + 0.5 x (n-1) + 1.4= _____

D = *d* + 3.8= _____

W= *w* + 0.7= _____

Optional:

△H = △*h* x n= _____

△D = △*d*= _____

△W = △*w*= _____

Step3: Fax or submit the form

Please provide contact name and number:

Contact name: _____ Dept. and Institution: _____

Tel: _____ Fax: _____

* *

Table for *h*, *d* and *w* rack compartment dimensions for holding typical storage boxes.

Type of Storage Boxes	*h* mm	*d* mm	*w* mm	Tolerance (mm)		
				△*h*	△*d*	△*w*
For Standard 2″ Boxes	55.7	136.5	142.5	±0.1	±0.1	±0.1
For Standard 3″ Boxes	80.4	136.5	142.5	±0.1	±0.1	±0.1
For 96-Well & 384-WellMicrotiter Plates	83.6	88.3	138.7	±0.1	±0.1	±0.1
For 96 Deep-WellMicrotiter Plates	45.8	88.3	138.7	±0.1	±0.1	±0.1
For 96-Well Microtube Boxes	55.6	88.3	138.7	±0.1	±0.1	±0.1
For 50-Cell 0.5ml Microtube Storage Boxes	56.3	135.9	139	±0.1	±0.1	±0.1
For 50-Cell 1.5ml Microtube Storage Boxes	58	154.9	148.2	±0.1	±0.1	±0.1
For 15ml & 50ml Tube Boxes	126.8	149.6	156.2	±0.1	±0.1	±0.1
For 100-Cell hinged TopPlastic Storage Boxes	58	155	148.2	±0.1	±0.1	±0.1

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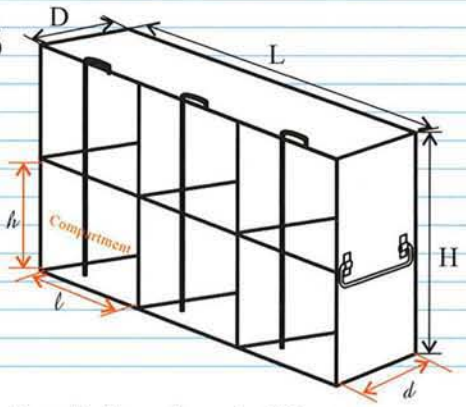
Work Sheet for Customized Microtiter Plates & 96-Well Microtube Boxes Racks

H, L, D: outside dimensions of rack
h, ℓ, d: internal dimensions of compartment:
- h: internal height for holding boxes
- ℓ: internal width for holding boxes
- d: internal depth for the rack holding boxes

n: # of layers vertically
m: # of boxes horizontally



Step1: Please specify parameters number of racks in the following table:

(Make sure the rack you require is for microtiter plate or microtube box rack.)

Unit	h	ℓ	d	Tolerance (Optional)			n	m	Locking Rod	Security Locking Device	Number of Racks Needed
				$\triangle h$	$\triangle \ell$	$\triangle d$					
○ Inch ○ mm				±	±	±			○ Yes ○ No	○ Yes ○ No	

If tolerance is not specified, default tolerance of ±0.5mm will be used for $\triangle h$, $\triangle \ell$, $\triangle d$.
If your storage boxes are listed in the table at bottom of this sheet, use the standard dimension for h, ℓ and d in the table.

Step2: Calculate H, L, D by using the following formulae:

Unit used in following formulae is millimeter. Please convert unit into millimeter for h, ℓ and d if "Inch" is used in above table.

H = h x n + 0.5 x (n-1) + 2.8= _____

L = ℓ x m + 0.7 x (m-1) + 2.8= _____

D = d + 1.4= _____

Optional:

$\triangle$H = $\triangle h$ x n= _____

$\triangle$L = $\triangle \ell$ x m= _____

$\triangle$D = $\triangle d$ = _____

Step3: Fax or submit the form

Please provide contact name and number:

Contact name: _____ Dept. and Institution: _____

Tel: _____ Fax: _____

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Table for h, ℓ and d rack compartment dimensions for holding typical storage boxes.

Type of Storage Boxes	h mm	ℓ mm	d mm	Tolerance (mm)		
				$\triangle h$	$\triangle \ell$	$\triangle d$
For 96-Well & 384-Well Microtiter Plates	115.1	92.1	138.3	±0.1	±0.1	±0.1
For 96 Deep-Well Microtiter Plates	45.7	92.1	138.3	±0.1	±0.1	±0.1
For 96-Well Microtube Boxes	55	92.1	138.3	±0.1	±0.1	±0.1

Inventory Control Racks

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