

Die Eisheiligen werden immer kälter

geschrieben von Josef Kowatsch | 18. Mai 2016

Anlass dieser Frage ist die Behauptung des Vorstandes des Deutschen Wetterdienstes (DWD), Andreas Friedrich in der Osnabrücker Zeitung am 21. April 2016: „...In den vergangenen Jahren haben sich die Eisheiligen eher rar gemacht“. Meteorologe Andreas Friedrich vom Deutschen Wetterdienst stellt fest: „In den letzten Jahren zeigten sich diese Kaltlufteinbrüche im Mai weniger...“

Schon im letzten Jahr hatte Vorstand Friedrich im „Focus“ ähnliches behauptet:

http://www.focus.de/panorama/wetter-aktuell/wetter-aktuell-kein-frost-im-mai-meteorologen-erwarten-heissheilige_id_4665149.html . Durch die Focus-Redakteure wurden die Eisheiligen 2015 einfach zu Heißheiligen gemacht.

Wissenschaftliche Betrachtung der Erwärmungsbehauptungen:

Zunächst sei die Frage erlaubt, was heißt Gegenwart, was heißt in den letzten Jahren? Für den folgenden Artikel definiere ich „Gegenwart“ deshalb selbst: Ab 1998 setzten verstärkt die Katastrophenmeldungen und Vorhersagen über eine unheilvolle Erderwärmung aufgrund eines angeblichen Treibhauseffektes ein. Deshalb werde ich zukünftig solche nichtsagenden Zeitungsangaben naturwissenschaftlich ungebildeter

**Redakteure wie „in jüngster Zeit“
oder „die letzten Jahre“ oder „in
der Gegenwart“ immer das Jahr 1998
als Ausgang für die Betrachtung
ansetzen.**

**Und da Meteorologen 30 Jahre als
Klimaeinheit definierten, soll auch
dieser Zeitraum untersucht werden.
Beginnen wollen wir aber mit 50
Jahren, einem recht langen
Betrachtungszeitraum.**

**Die Eisheiligen
als (angebliches)
eindeutiges Indiz
der Klimaerwärmung**

Wir haben uns die

**Daten der
Klimastation
Potsdam für die
letzten 50 Jahre
besorgt, also von
1966 bis 2016. Im
folgenden Diagramm
sind die 5
Eisheiligentage
(11. – 15. Mai)
aus der
Langzeitreihe der**

**Klimastation von
Potsdam (PIK
Potsdam) mit
Tageswerten
extrahiert und die
fünf Tage im
Schnitt
dargestellt. Und
dieses Jahr 2016
waren die
Eisheiligen in
Potsdam mit 14,3 C**

**im Mittel um
einiges wärmer als
letztes Jahr (12,9
C), was sicherlich
mit der Lage von
Potsdam zu tun
hat. Denn die
Maiabkühlung mit
Regen erfolgte
diesmal aus dem
Südwesten und
erreichte Potsdam**

**später. Schon 200
km weiter südlich
bei der Station
Holzhau im
Erzgebirge betrug
der
Eisheiligungsschnitt
2016 etwa 10C und
war damit kälter
als ein Jahr
zuvor.**

<http://www.wetters>

tation-

holzhaus.de/wetter-

holzhaus-

eisheilige.html

Die

letzten

**50 Jahre
Eisheilig
en in
Potsdam:**

Wir

greifen

trotzdem

auf

Potsdam

zurück,

da uns

die Daten

über

einen

längeren

Zeitraum

vorliegen

**. Wir
beginnen
mit dem
Jahre
1966. Die
Üerrasch**

ung ist

groß: Die

Eisheitlig

en zeigen

einen

signifika

nten

Trend von

- 0,5K

innerhalb

dieser 50

Jahre.

ein

halbes

Grad

Abkühlung

in 50

Jahren

**ist das
Gegenteil
einer
Erwärmung
, und das
Gegenteil**

**eines
Ausfalls
der
Eisheitig
en. Die
wärmsten**

**Eisheitlig
en waren
im Jahre
1968 mit
19,6C,
das waren**

damals

Sommerhei

lige

mitte **im**

Mai. Noch

wärmer

**waren die
Eisheilig
en 1945
direkt
nach
Kriegsend**

e in

Berlin-

Potsdam.

Bei 20,8C

erfreute

man sich

unmittelb

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**hochsomme
rlichen
Badetempe
raturen
in
Berlin -**

Potsdam.

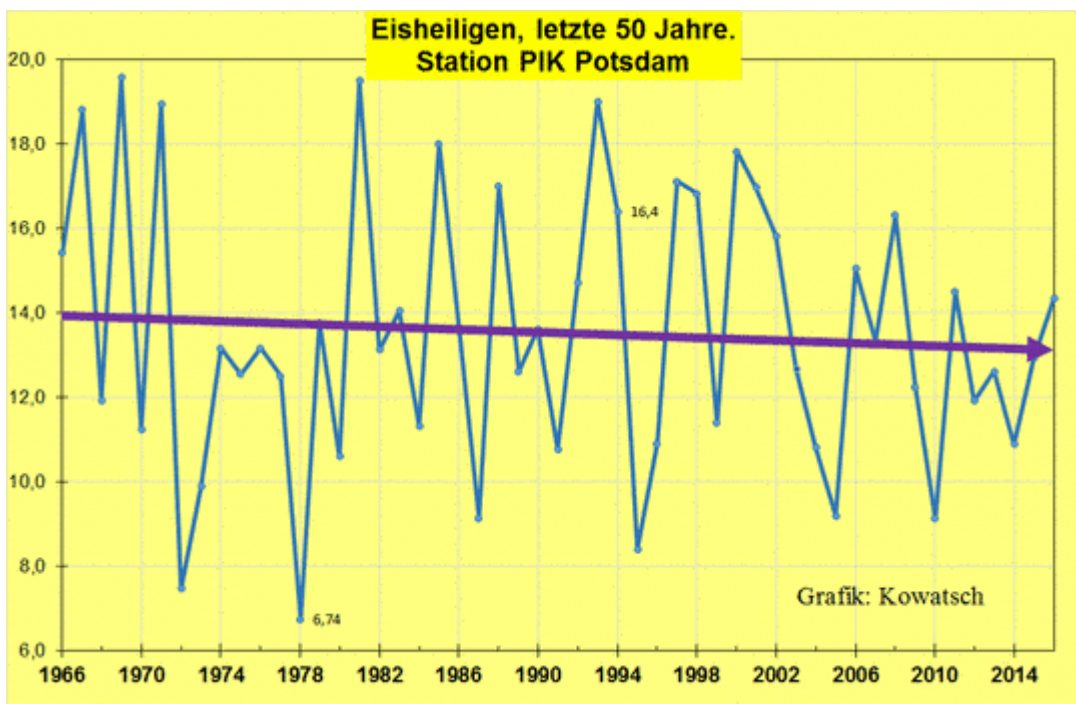


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Über die

letzten

50 Jahre

zeigen

die

Eisheilig

en

innerhalb

des Mai-

Monates

einen

negativen

***Trend,
die fünf
Tage
wurden
eindeutig
kälter***

***und nicht
wärmer.***

Es sei

noch

darauf

hingewies

***en, dass
kurz nach
dem Start
des
Betrachtu
ngszeitra***

umes ab

1971 neun

kalte

Eisheilig

enjahre

folgten,

welche

die

Trendlini

e anfangs

nach

unten

drückten .

Diese

Daten

sind

außerdem

nicht
wärmeeinse
Übereinig
t, ab 20
Jahre
rückwirke

nder

Betrachtu

ng müsste

man vor

allem bei

Städten

wie

Potsdam

eine WI-

Bereinigu

ng

vornehmen

**. Wir
haben
darauf
verzichte
t, da die
weiteren**

Aussagen

auch

bereits

ohne WI-

Bereinigu

ng

**eindeutig
sind.**

**Allerdings
s ist
anzumerke
n, dass**

**in der
freien
Fläche
Deutschla
nds, die
fallende**

50

Jahres -

Trendlini

e noch

stärker

wäre, die

**Eisheitlig
en also
stärker
kühlend
auf die
Vegetatio**

n

einwirken

als die

Trendlini

e angibt.

(siehe

letzte

Abbildung

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Ergebn

is 1:

**In den
letzte**

n 50

Jahren

wurden

die

Ei shei

ligen

kälter

und

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Zweiter

**Betrach
tungsze
itraum:**

Die

Eisheit

igen ab

1985

Beim

nächsten

Betrachtu

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wir die

Daten der

Klimasat

ion

**Potsdam
ab 1985,
damit
sind die
30 Jahre
als**

kleinste

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Auch

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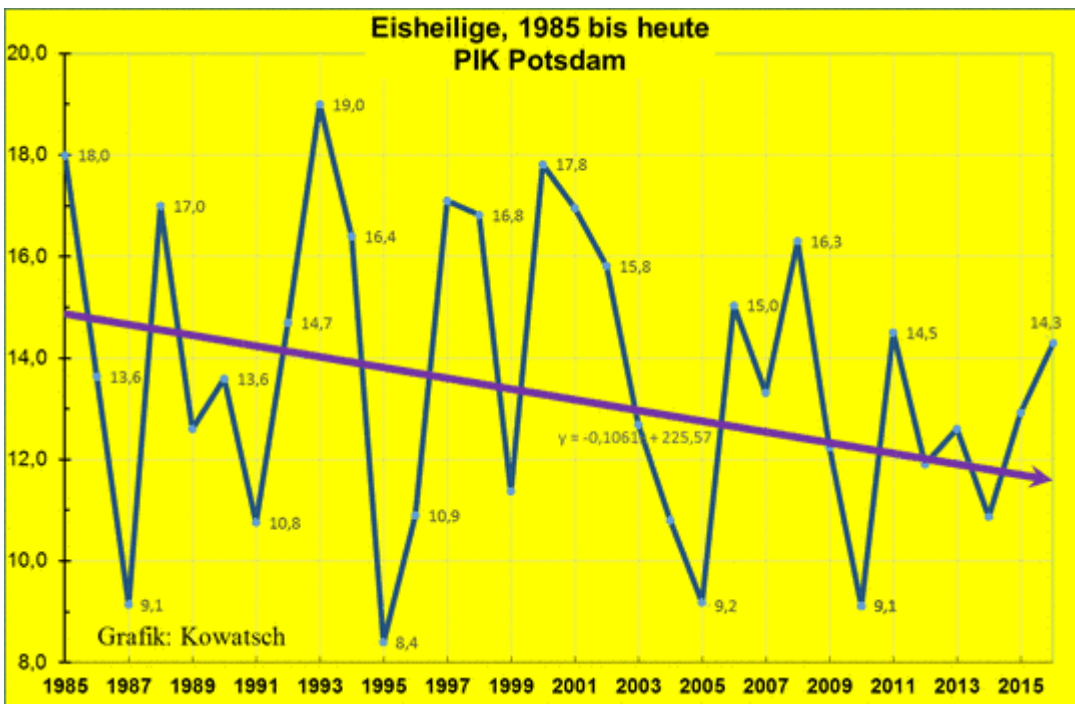


Abb. 2.

Die

Grafik

zeigt ein

verblüffende

ndes

Ergebnis.

***Nähert
man sich
der
Gegenwart
, dann
werden***

die

Eisheilig

en immer

kälter.

Die

negative

Steigung

der

Trendlini

e nimmt

zu. Und

das bei

*der
Klimastat
ion PIK
Potsdam,
dem
deutschen*

Zentrum

der

Erwärmung

smärchene

rzähler.

**Auch in
diesem
Falle sei
unbedingt
erwähnt,
dass**

**Potsdam
in diesen
letzten 3
Jahrzehnt
en einen
immer**

größer

werdenden

Wärmeinse

Leffekt

entwickel

t hat,

**auch ist
die Stadt
mit
Berlin zu
einer
großen**

**flächigen
Wärmezone
zusammeng
ewachsen.
Die
Abkühlung**

der

Eisheitlig

en in der

freien

Fläche

Deutschla

**nds , dort
wo keine
Menschen
wohnen
und auch
keine**

**Messstatistiken
stehen,
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gravieren

der, die

Trendlini

e noch

fallender

. Dort

werden

auch

dieses

Jahr

wieder

blühende

Obstbäume erfrieren

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Ergebn

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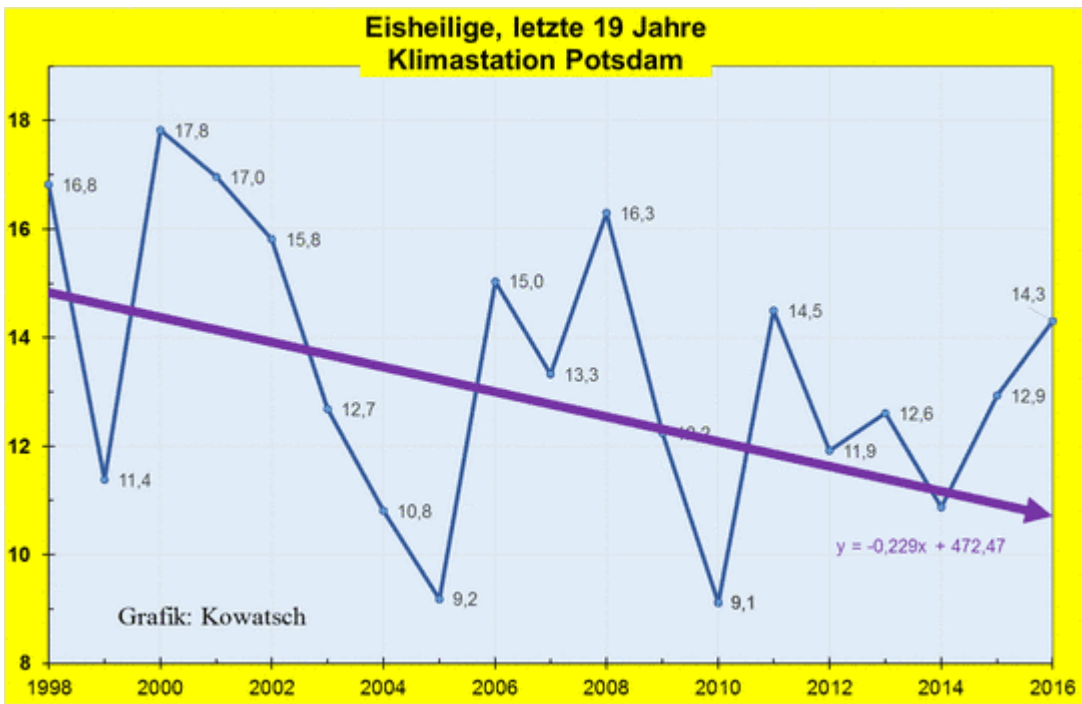


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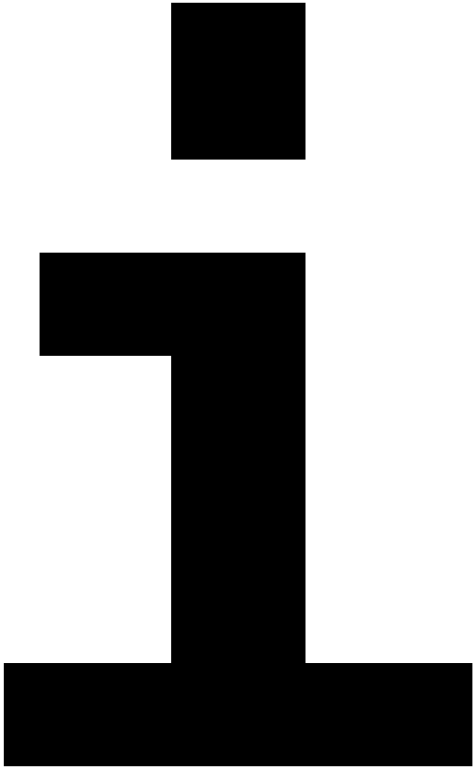
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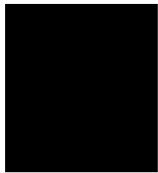
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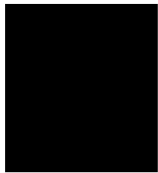
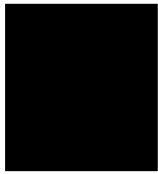
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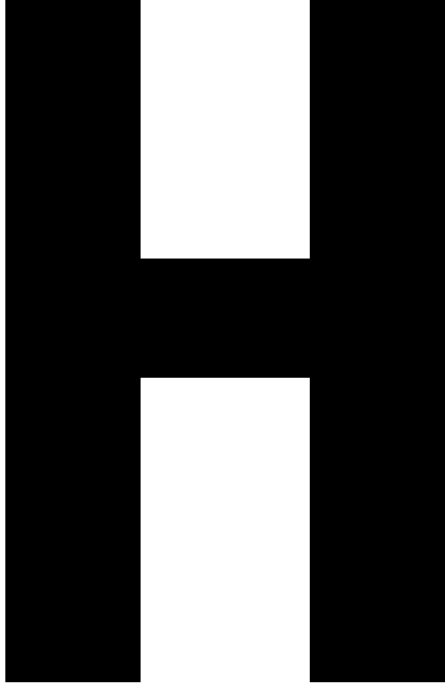
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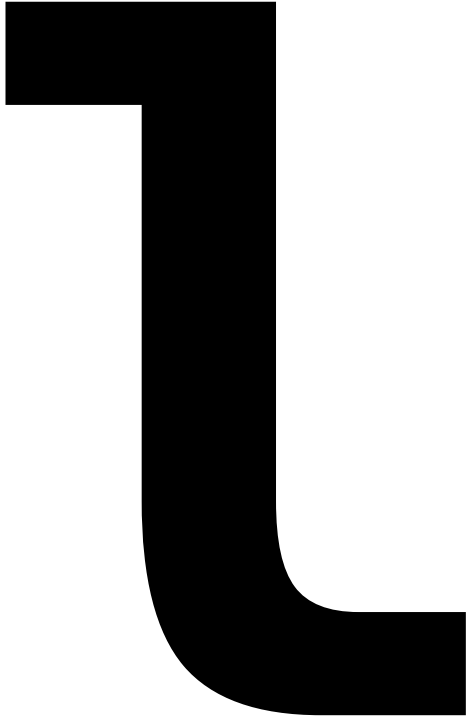
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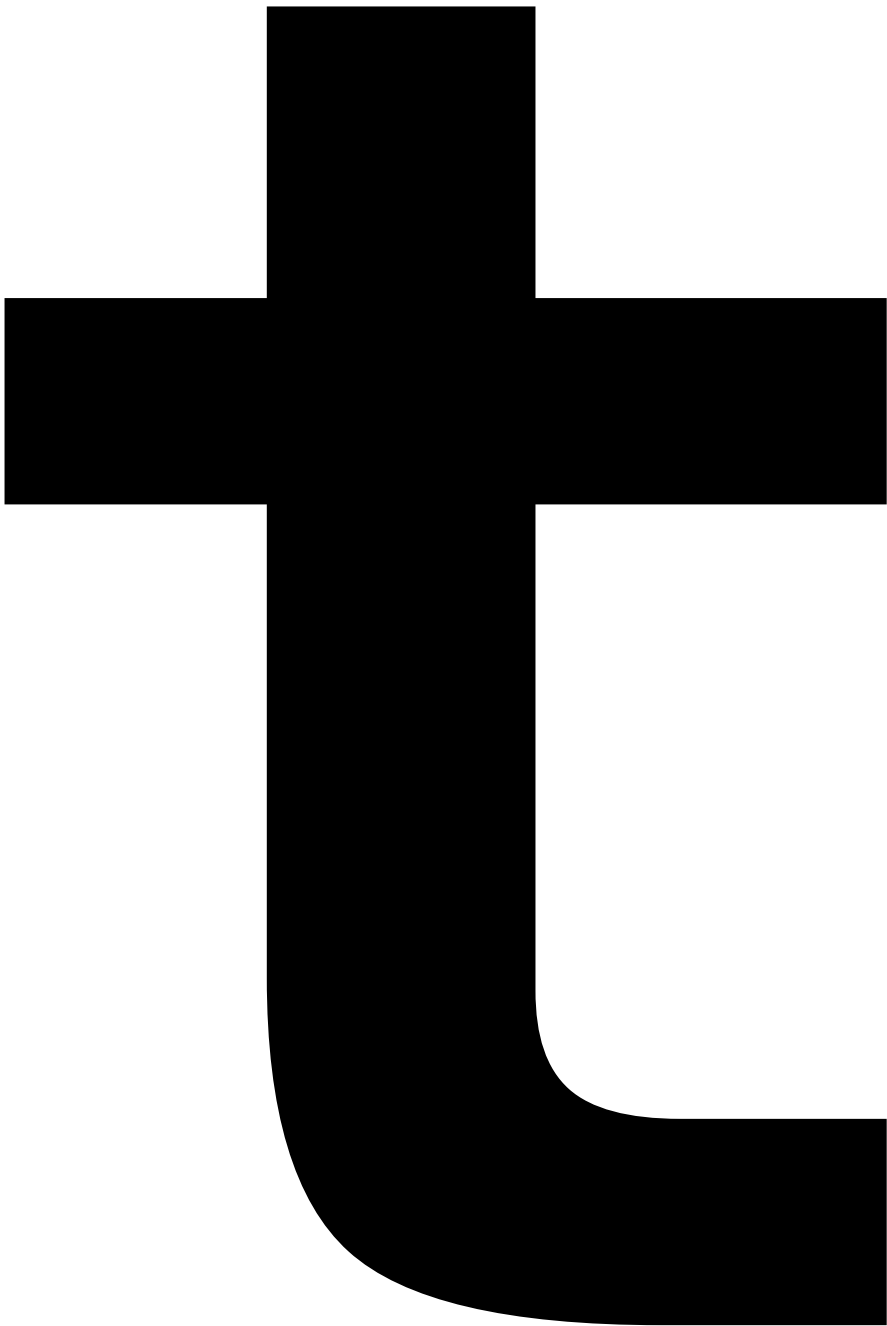


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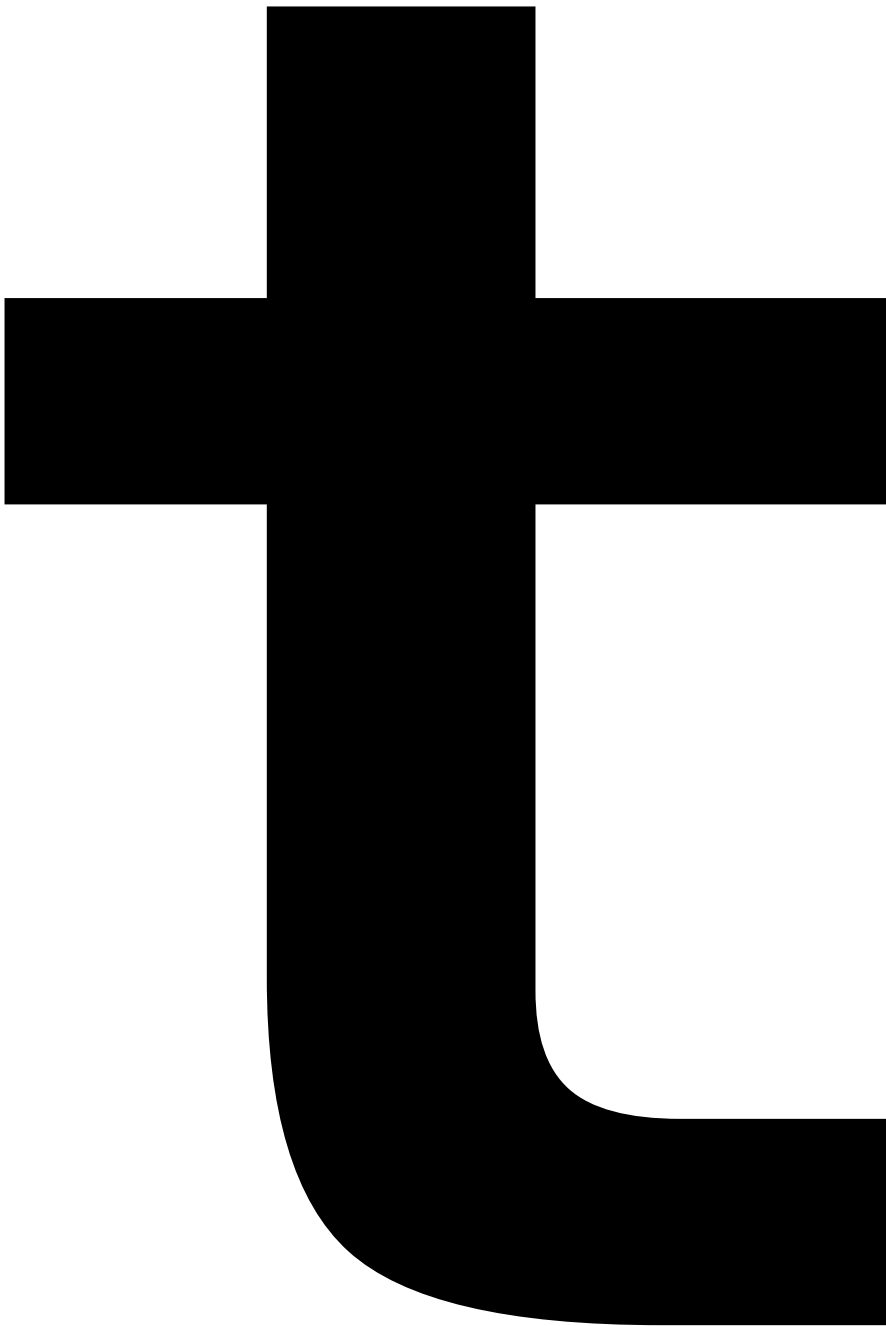
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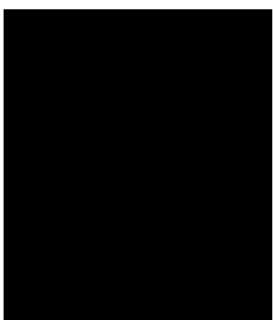
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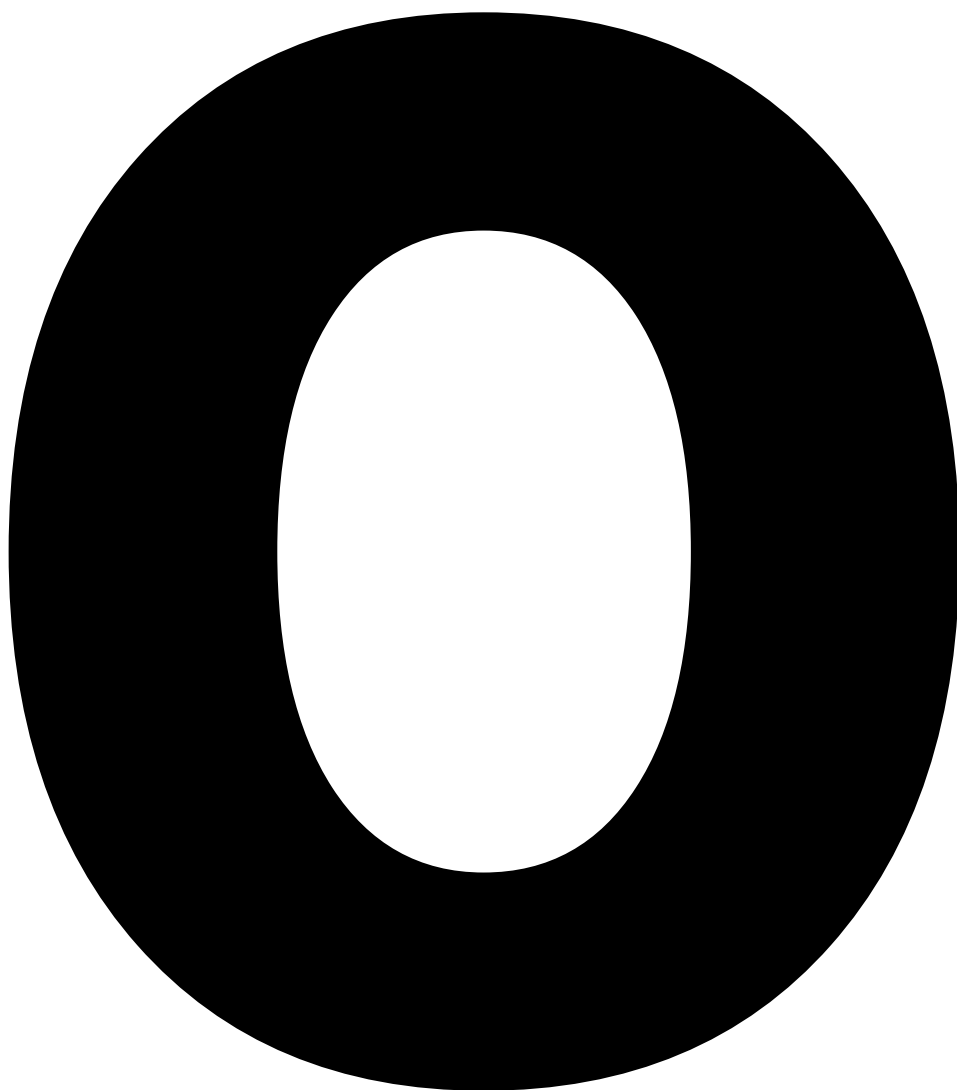
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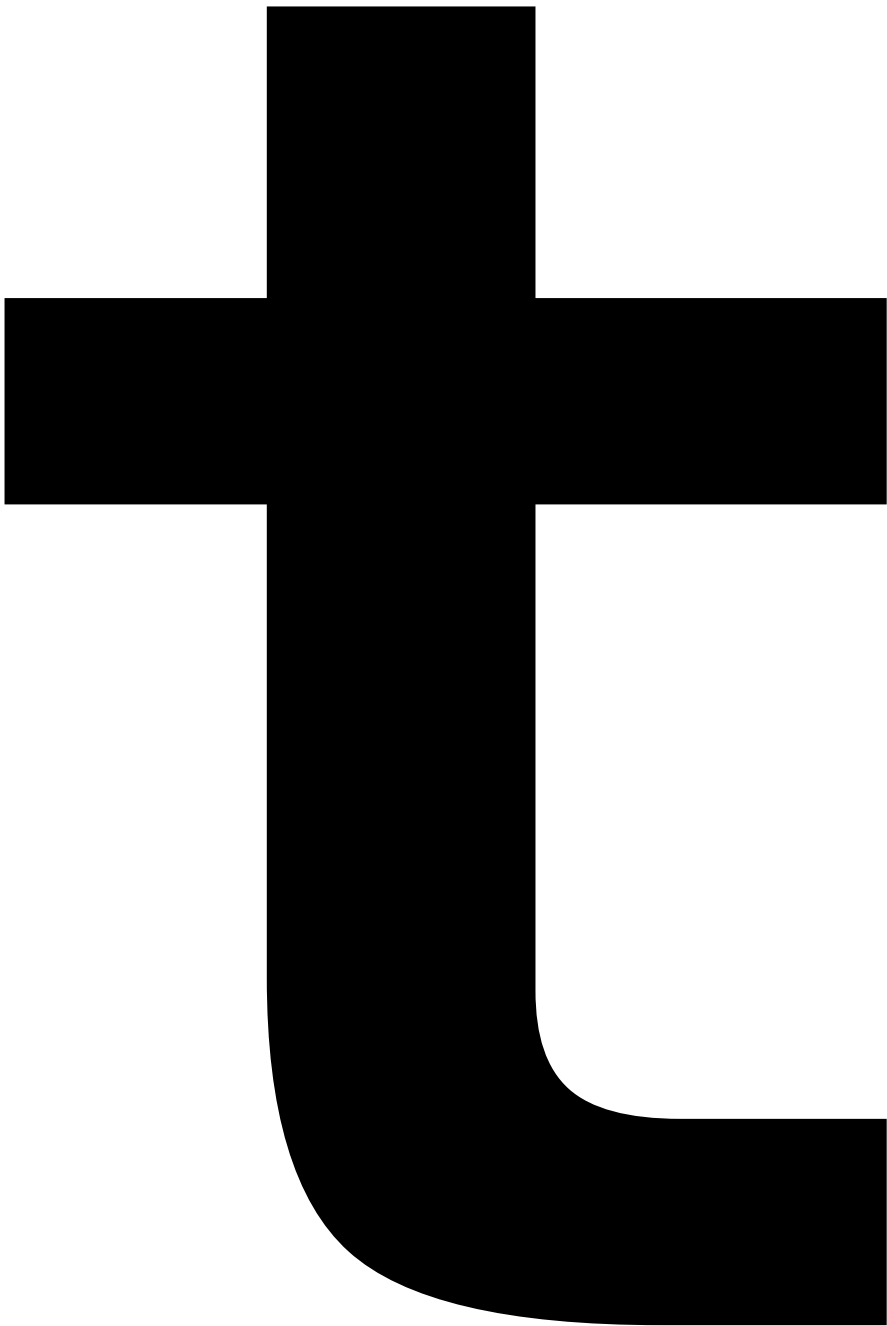
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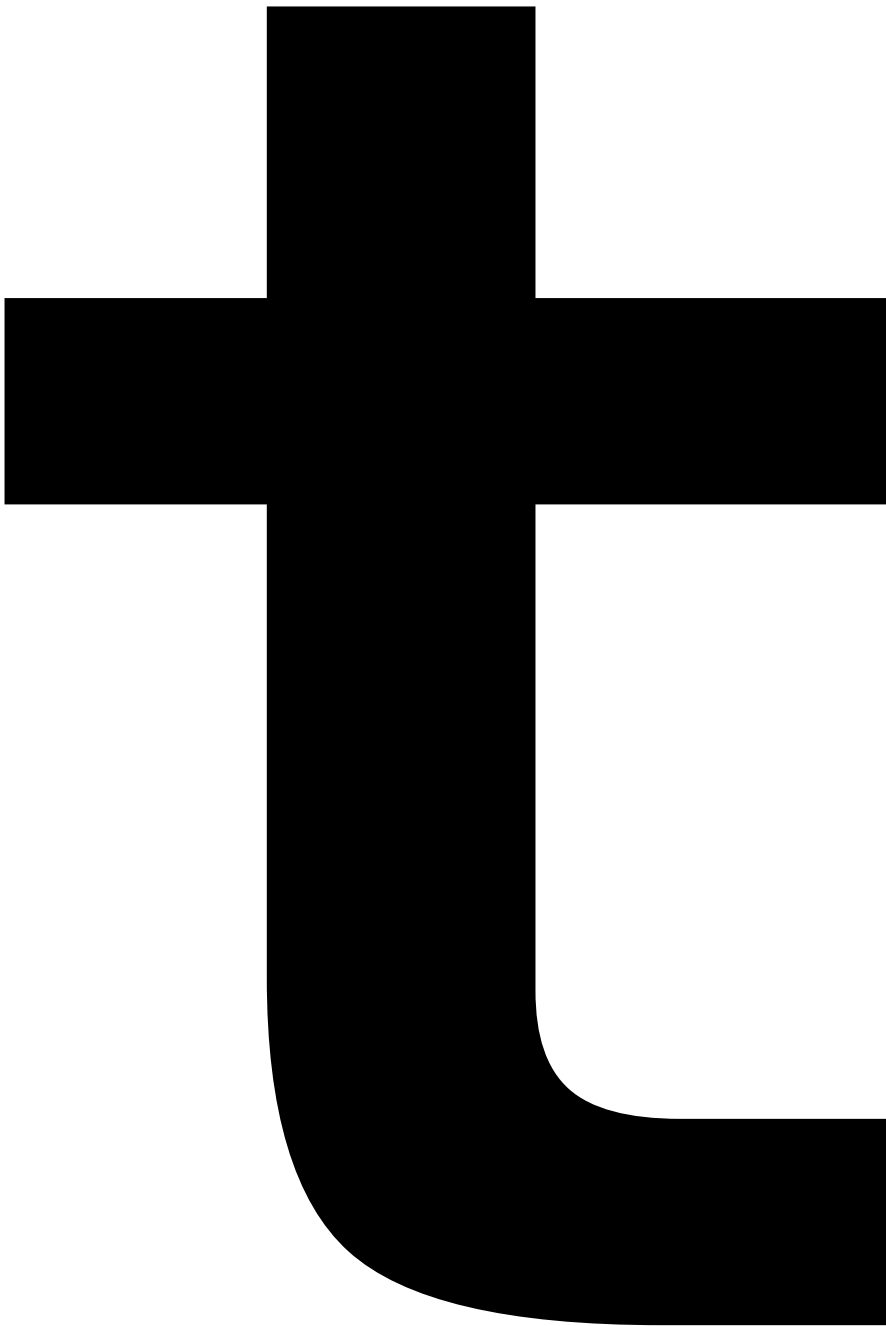
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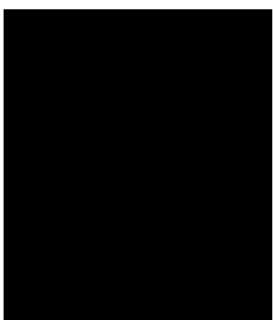


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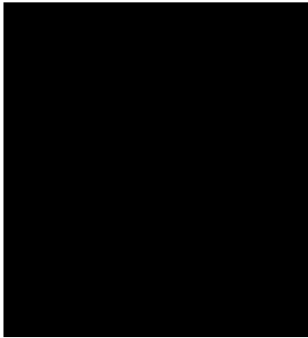
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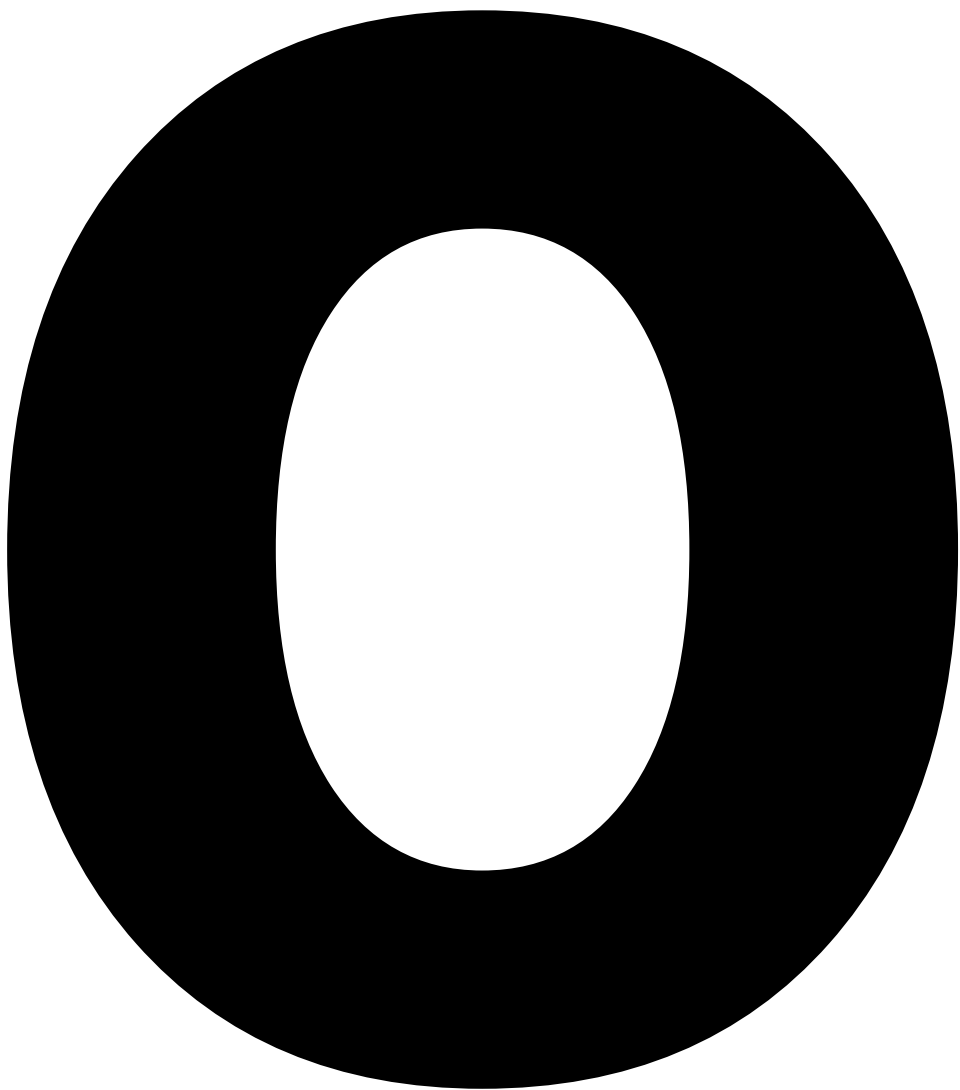


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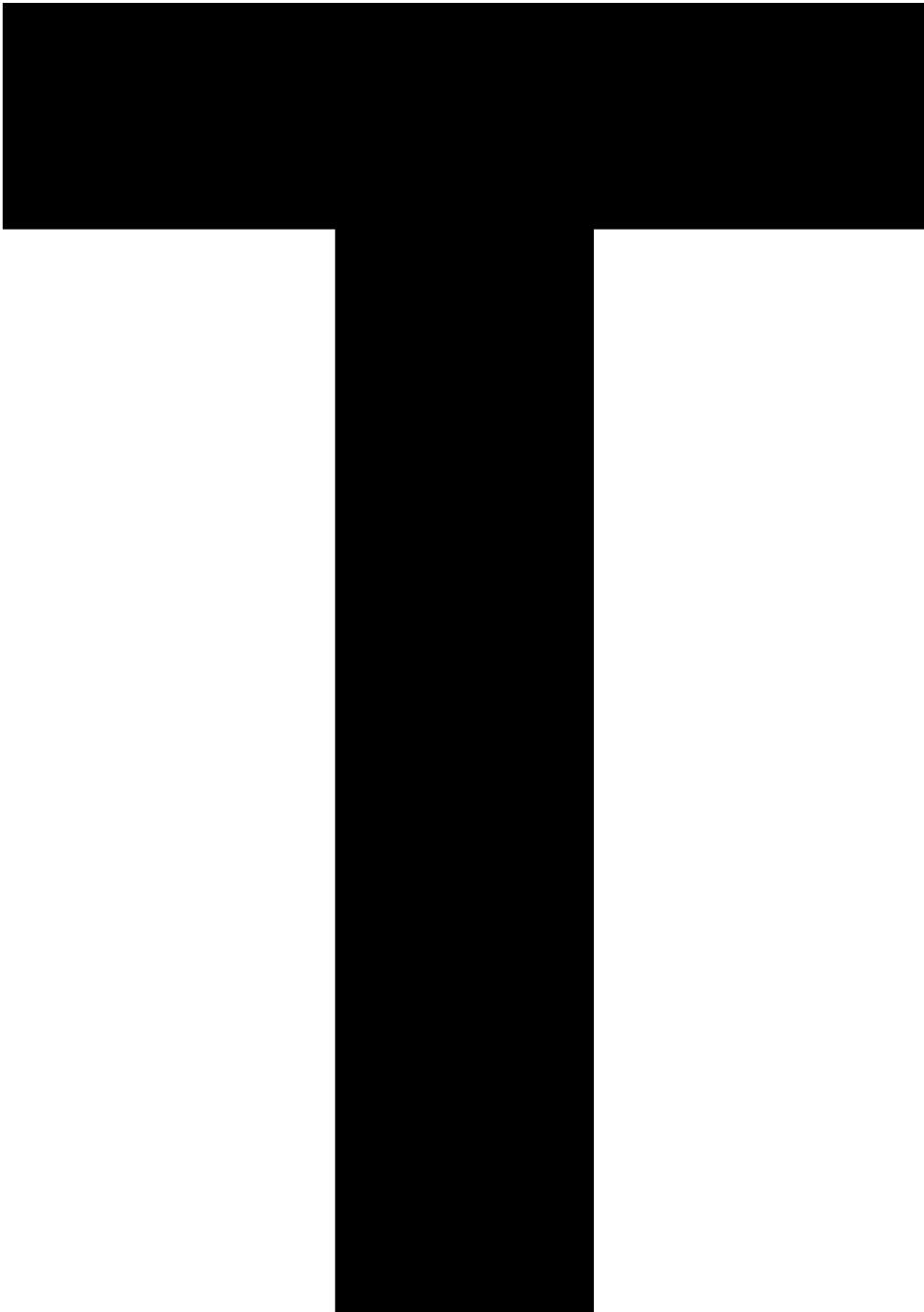


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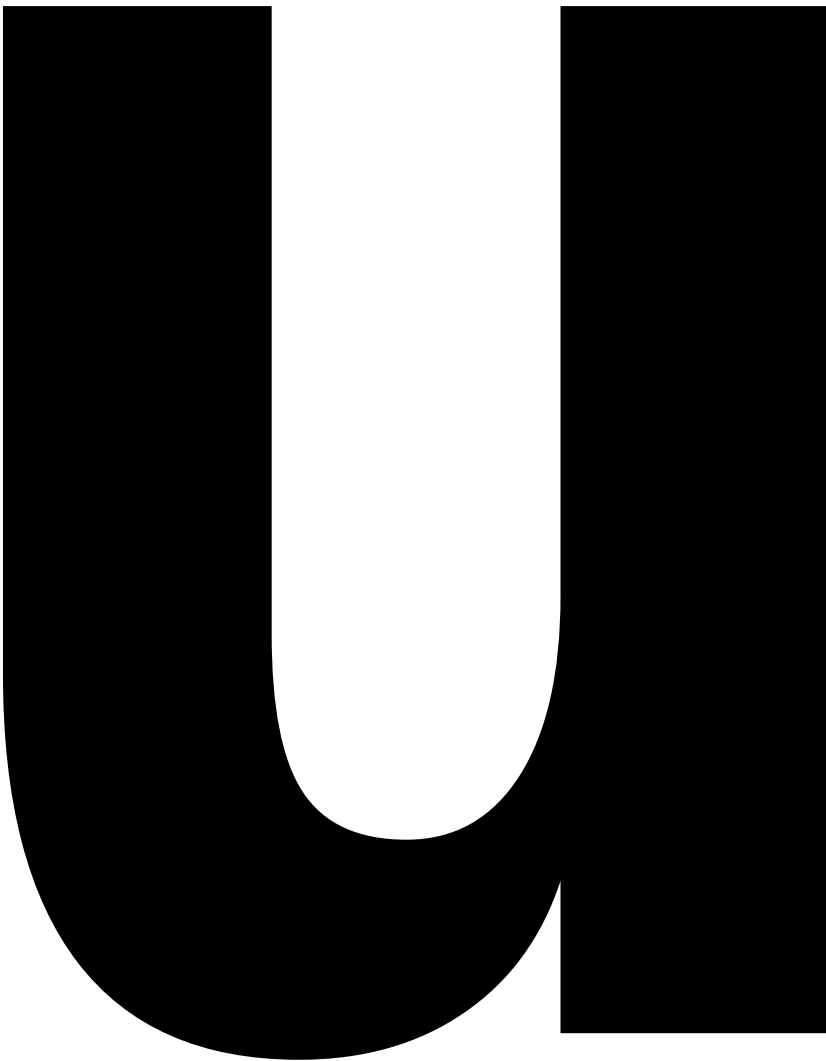
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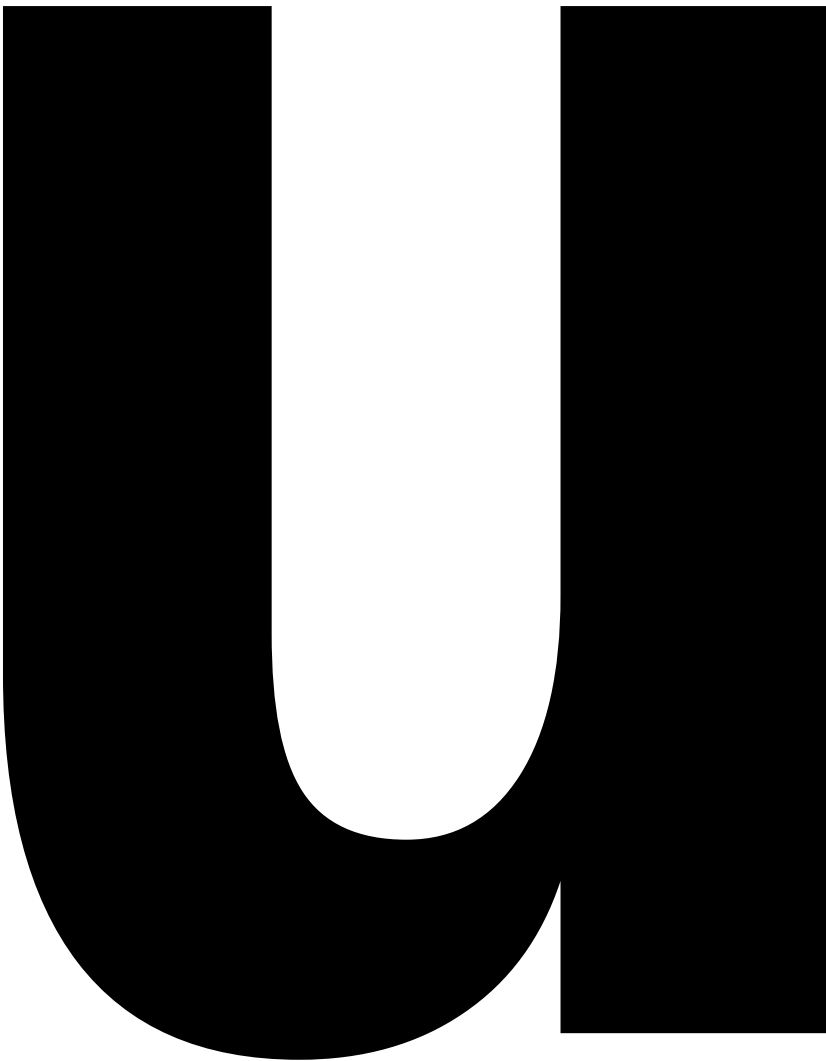
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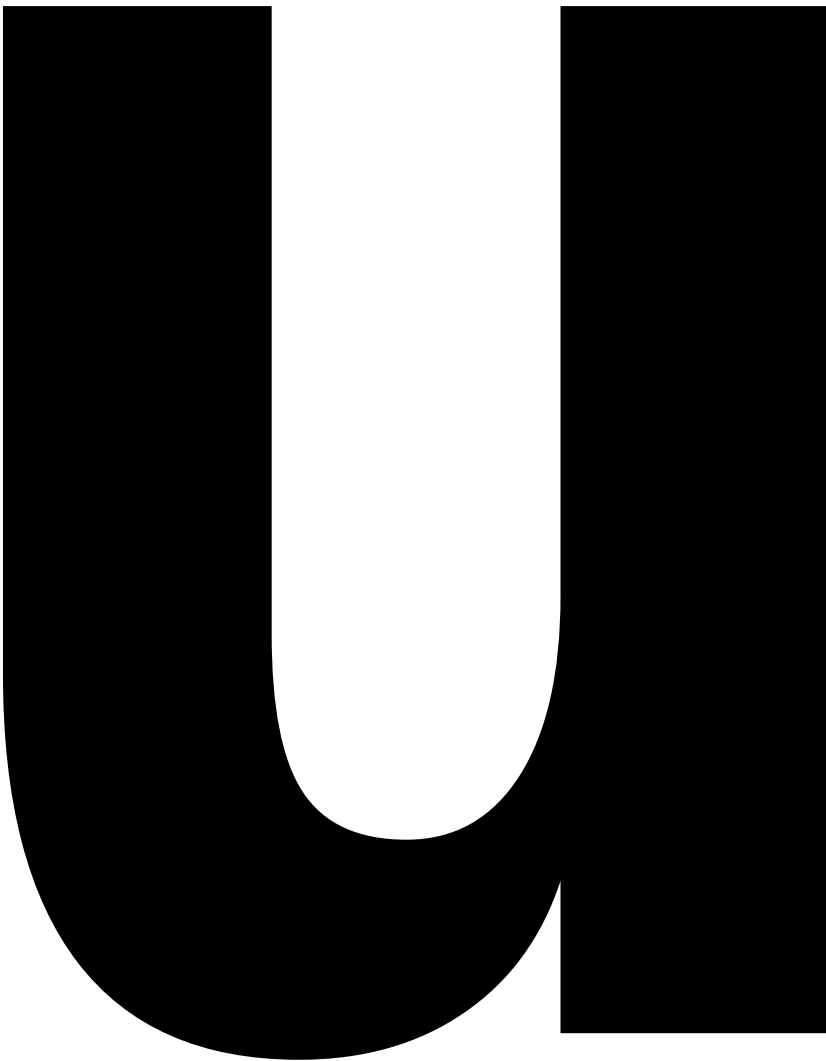


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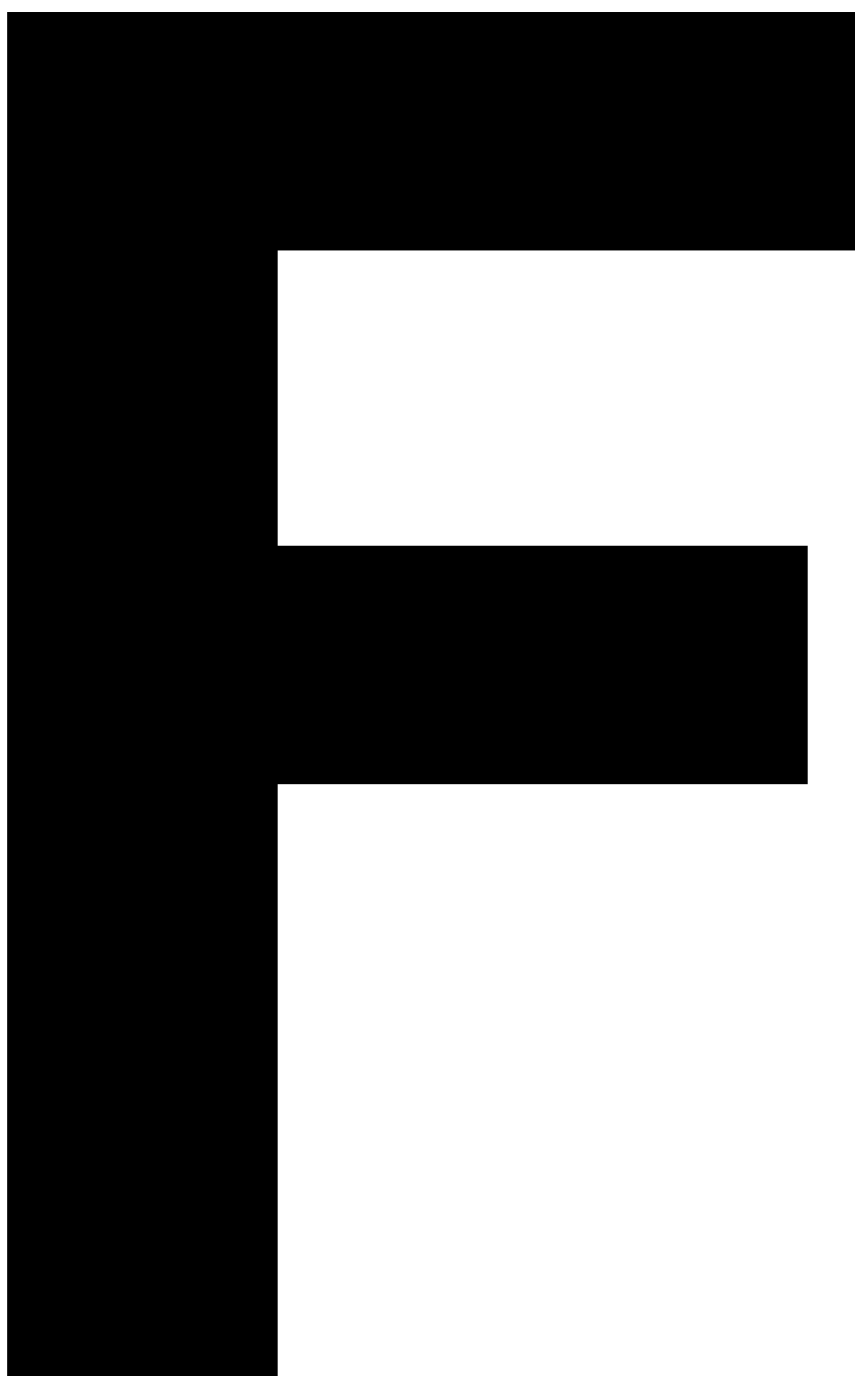
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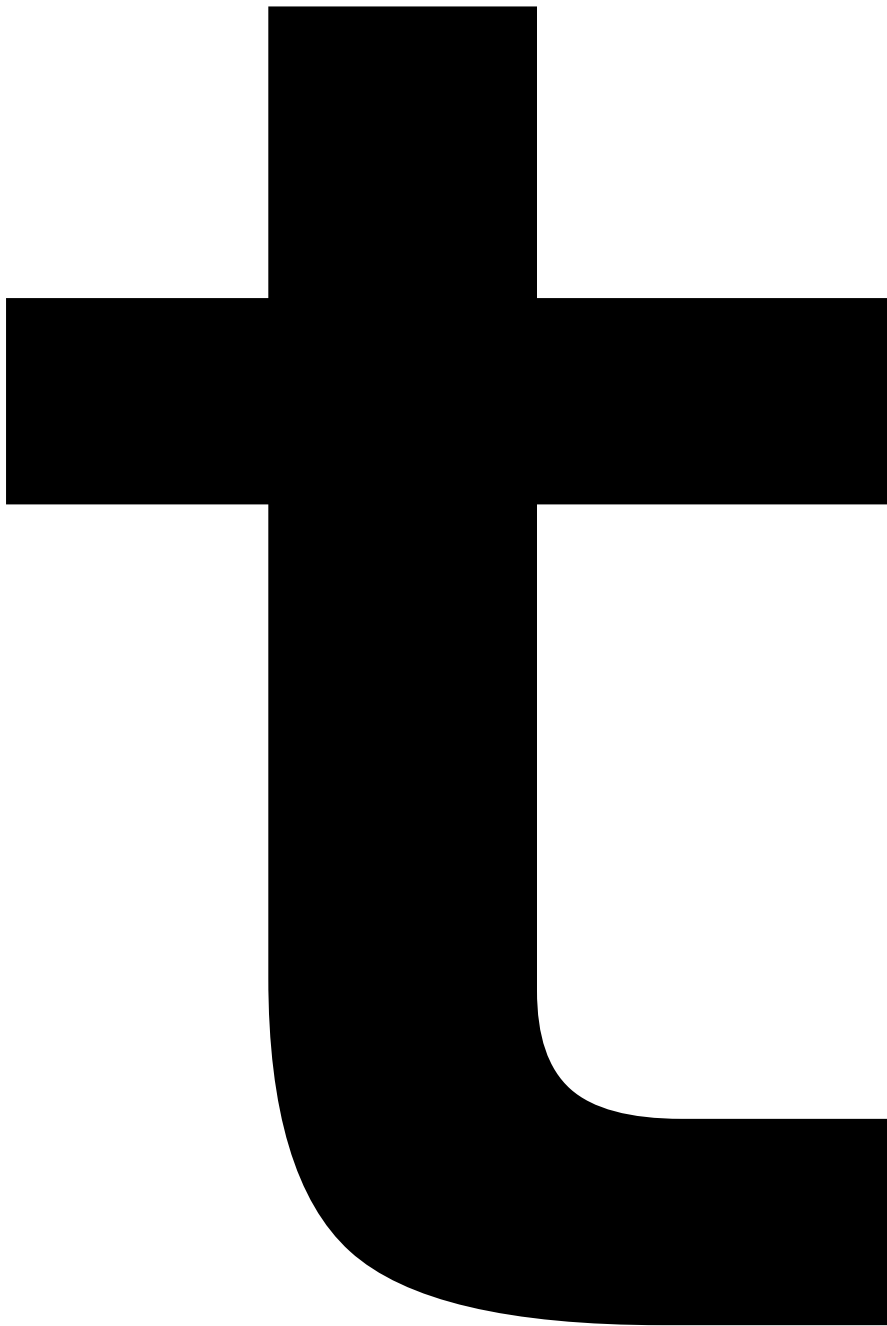
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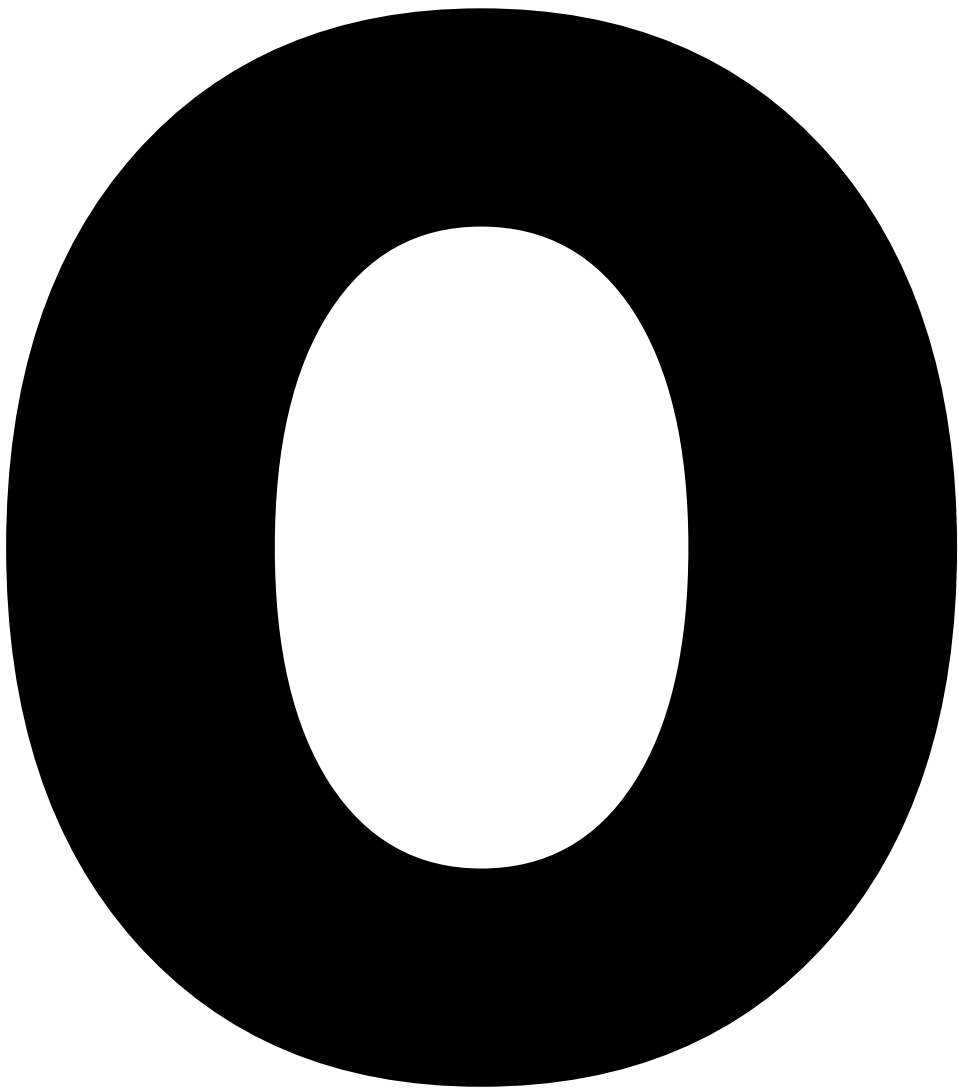
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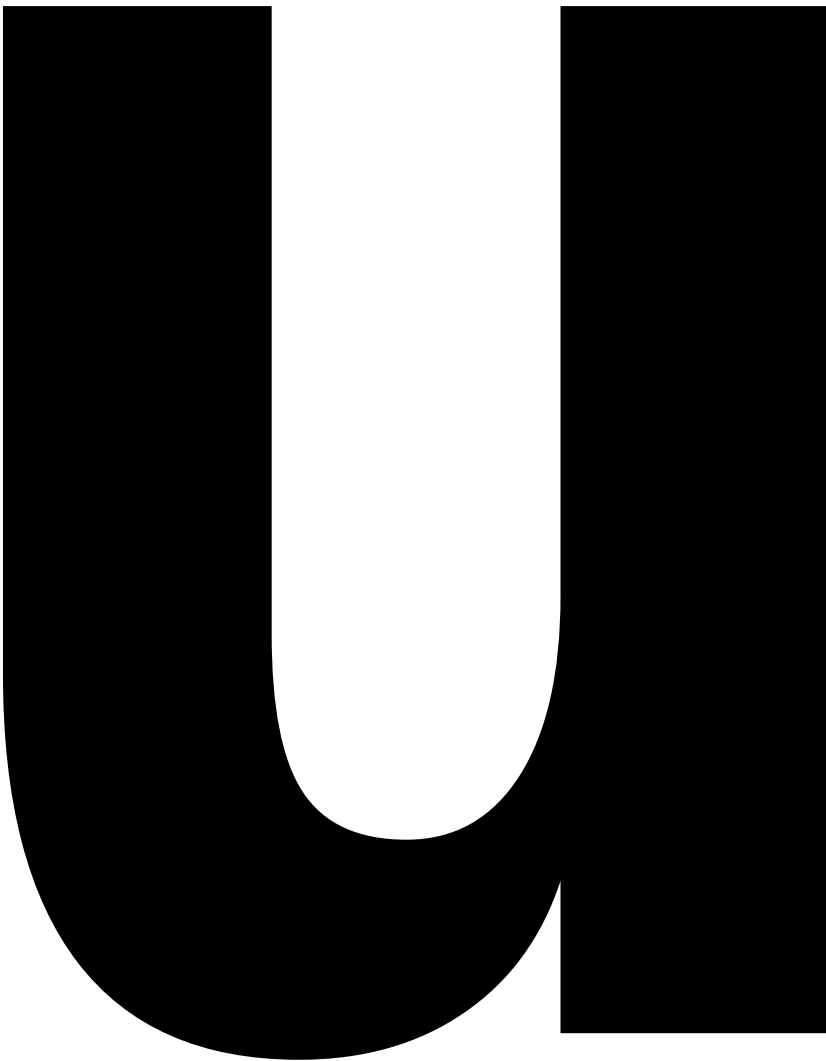
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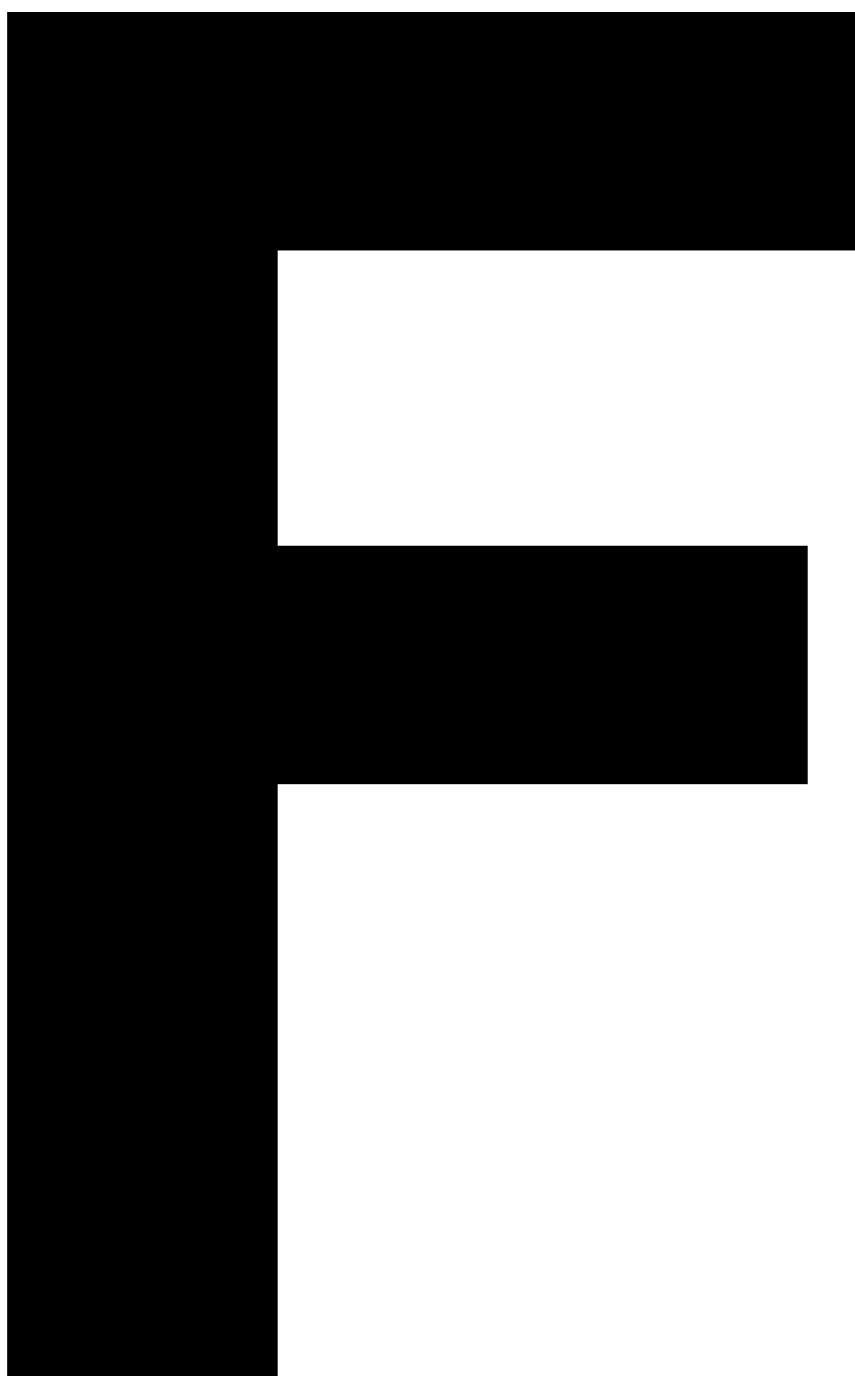


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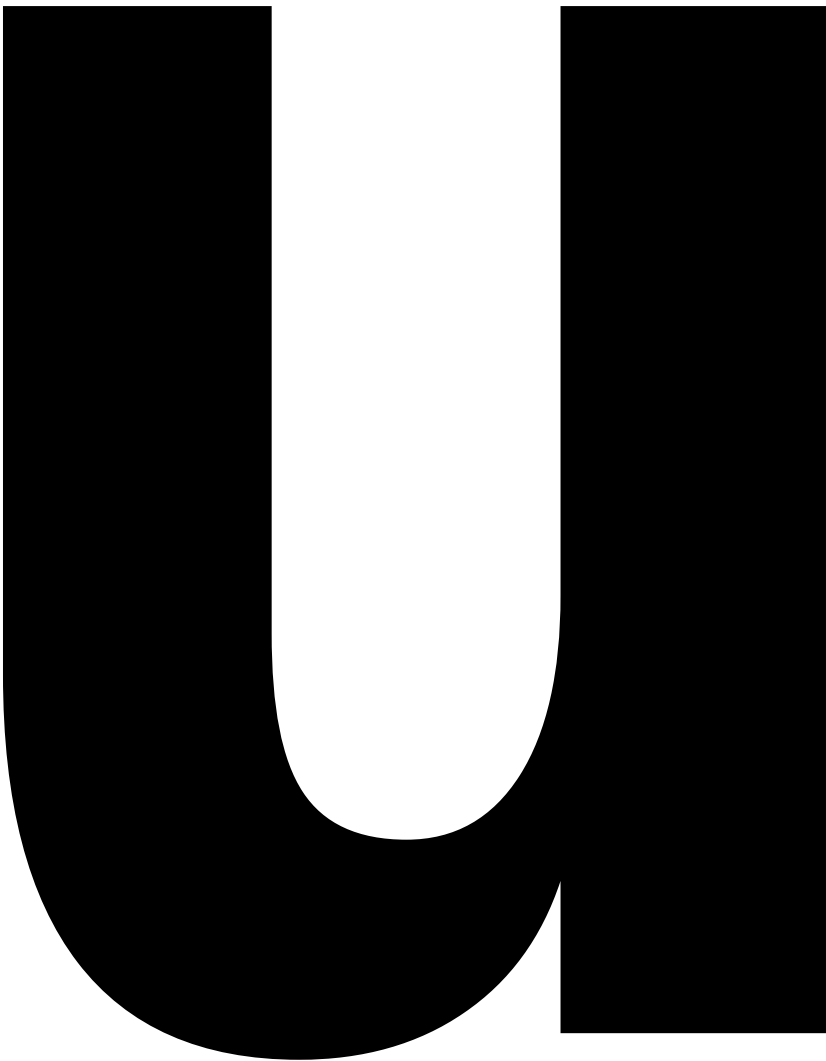
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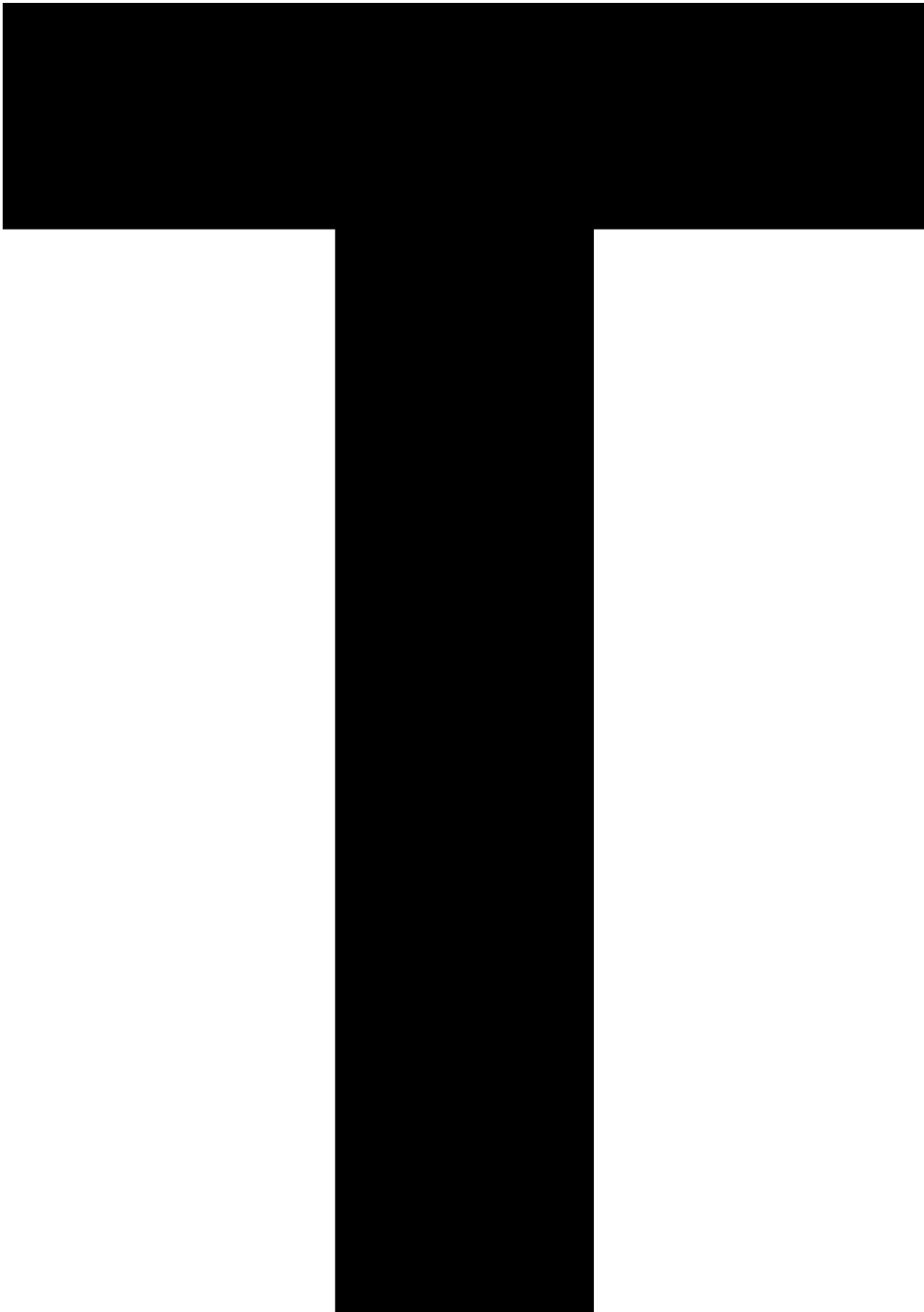
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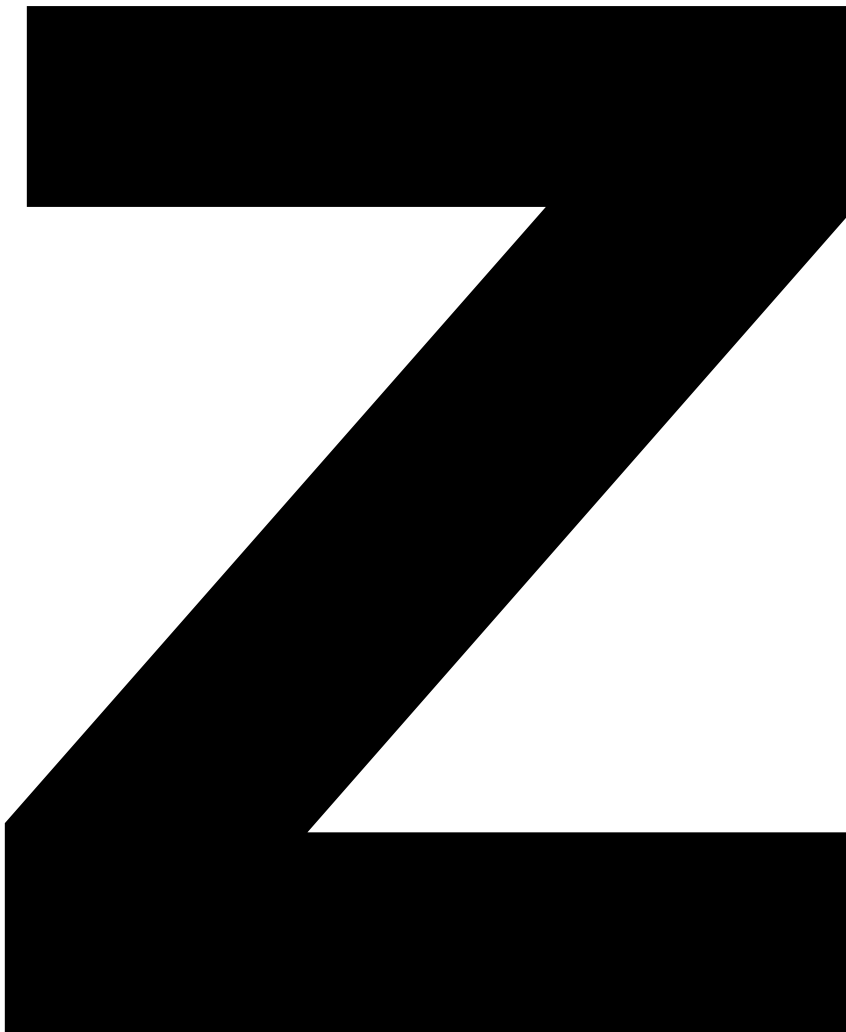
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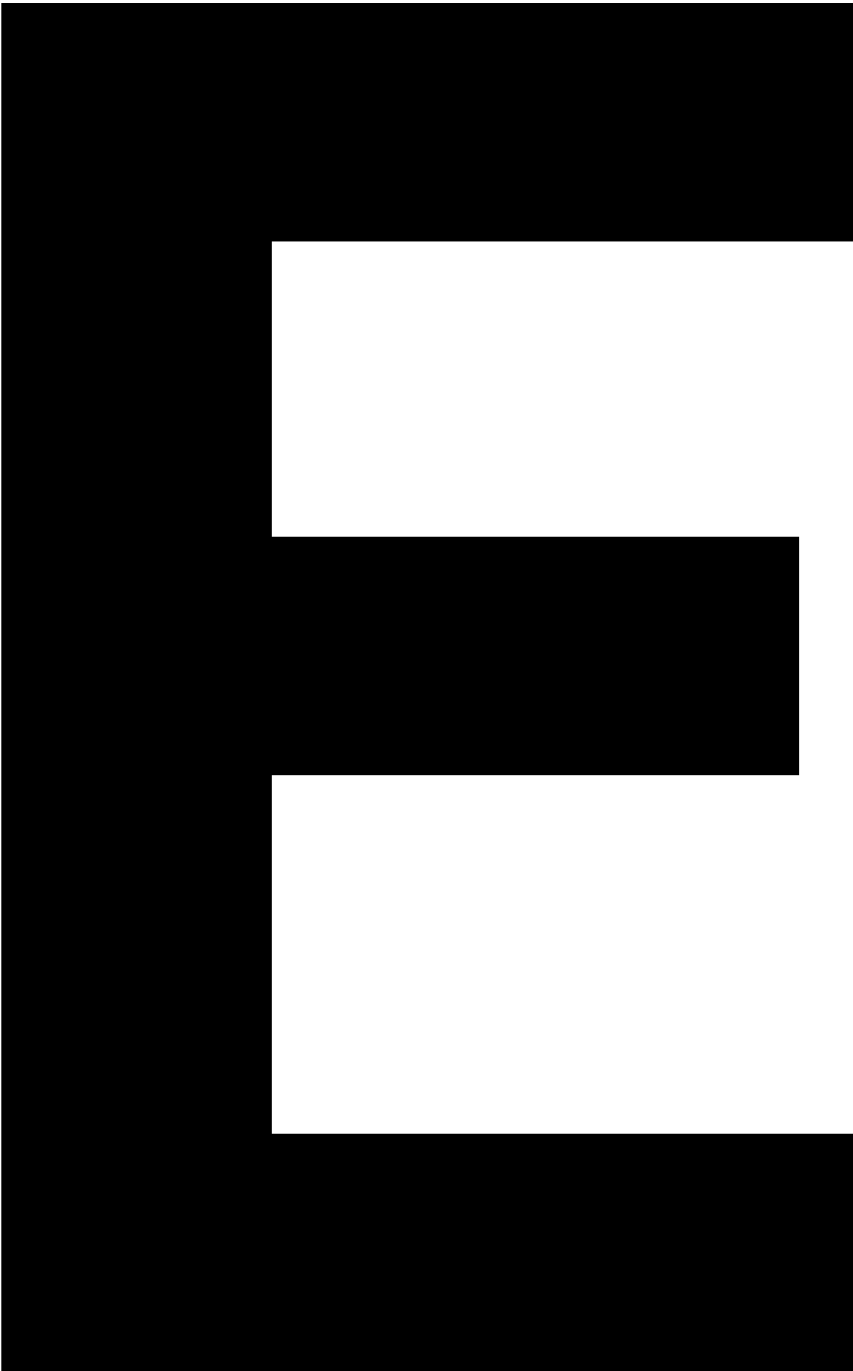
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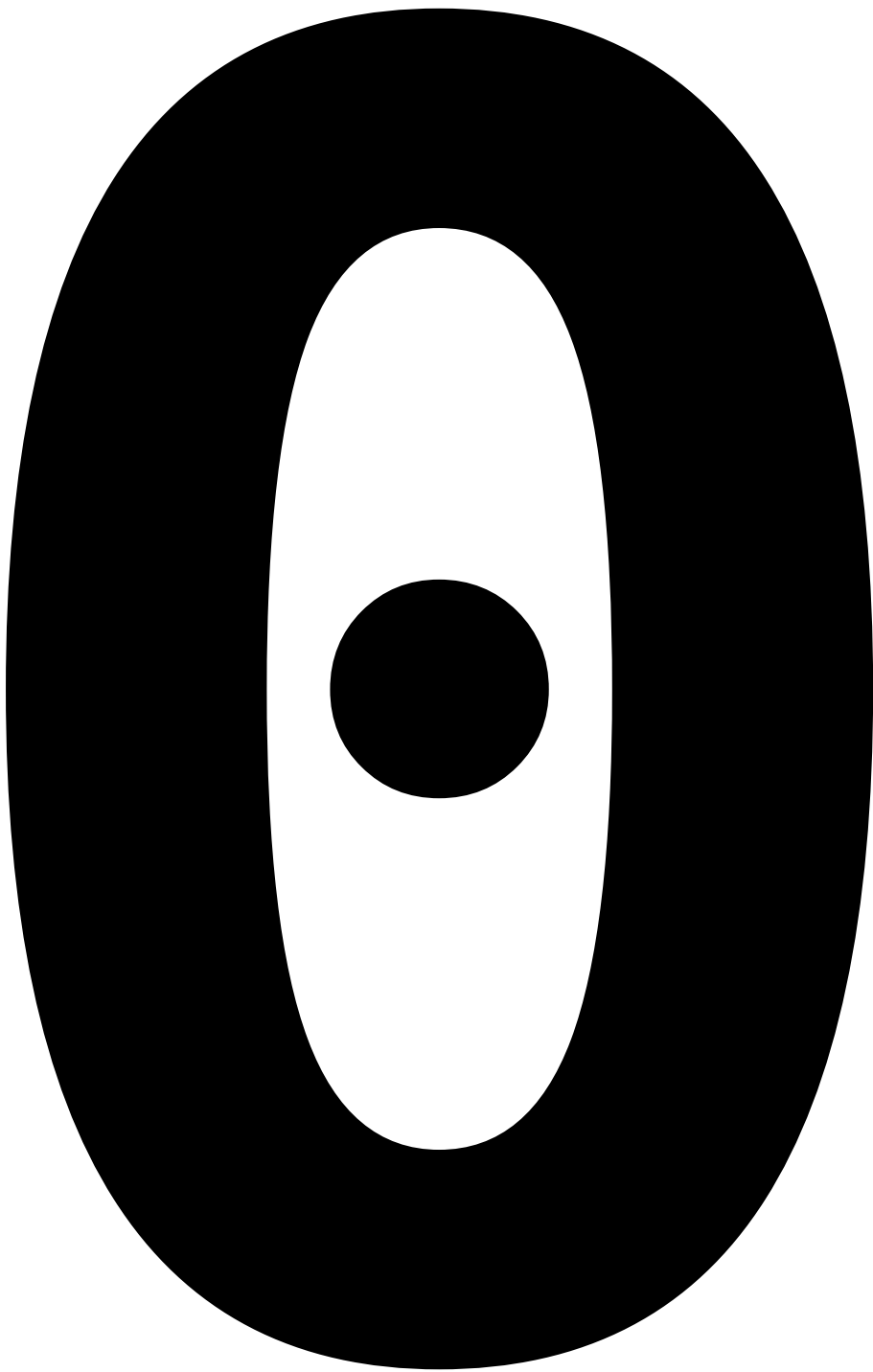
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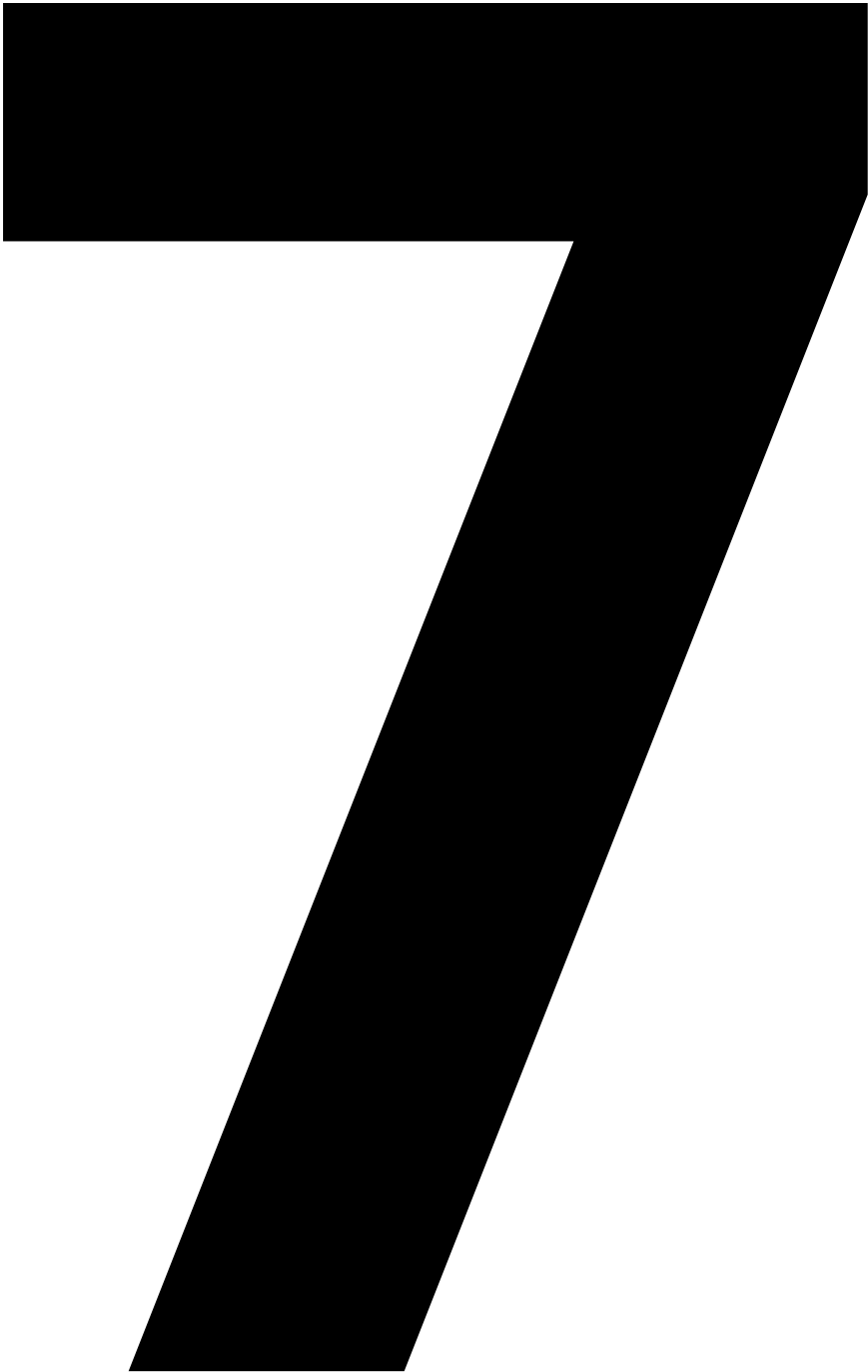


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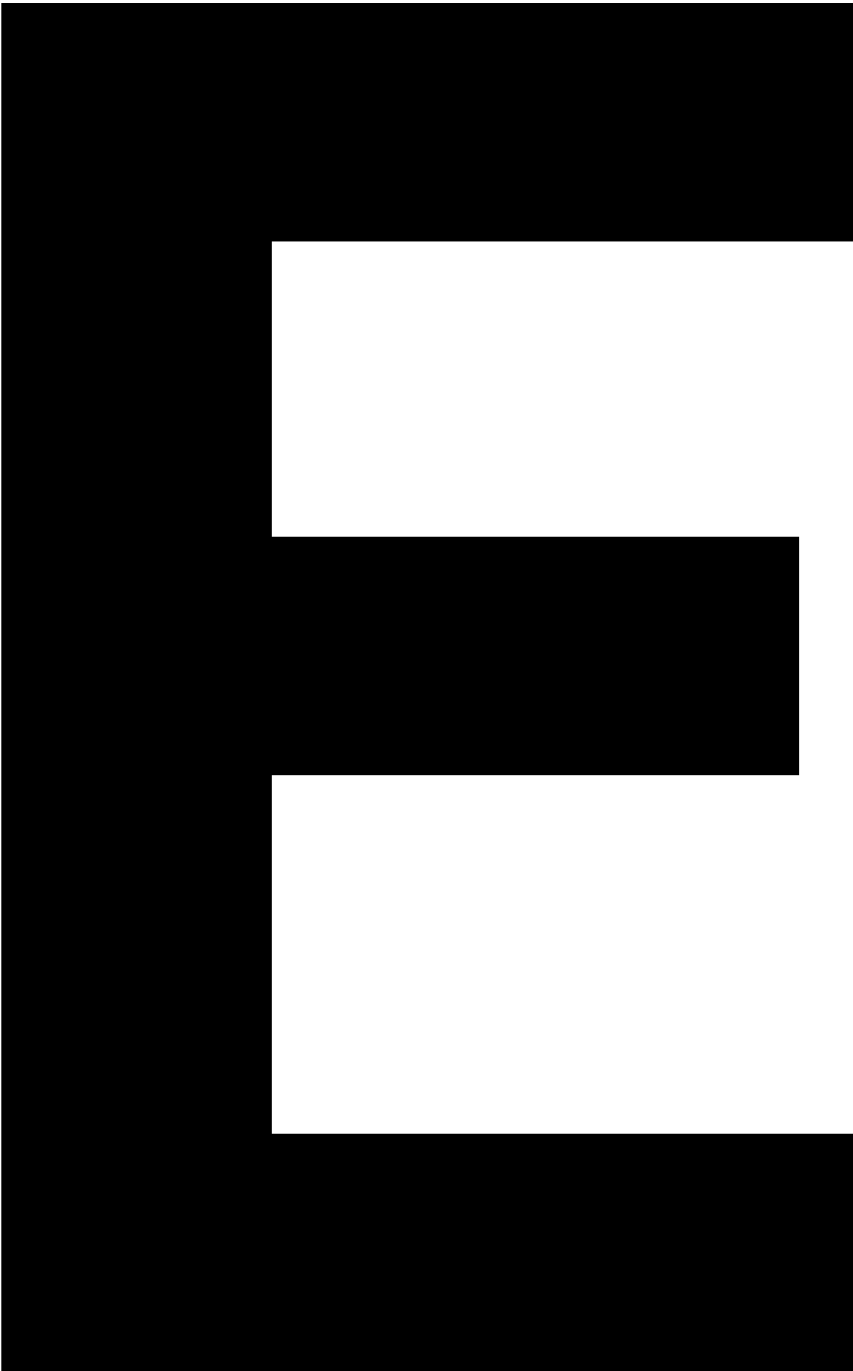
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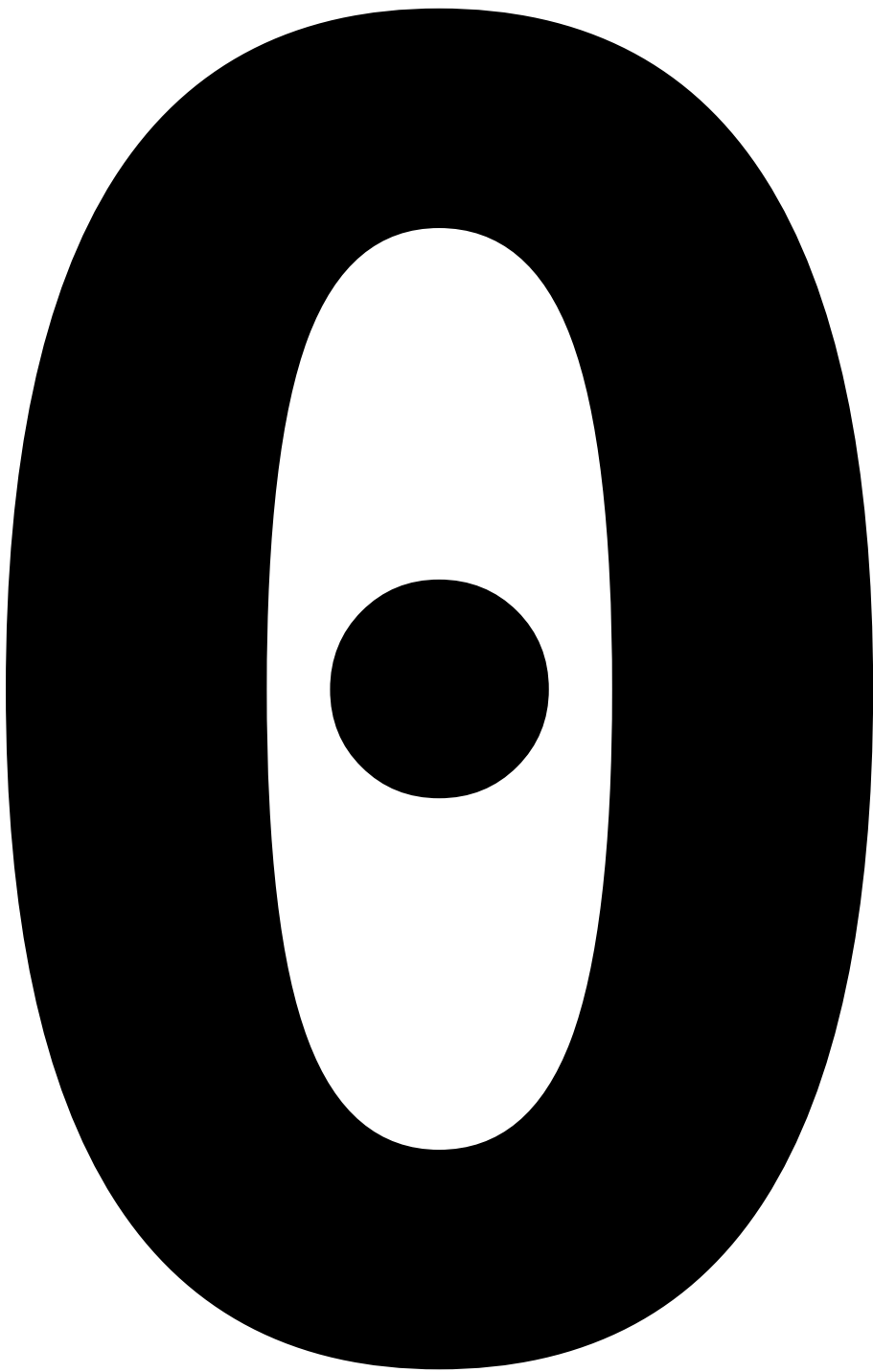
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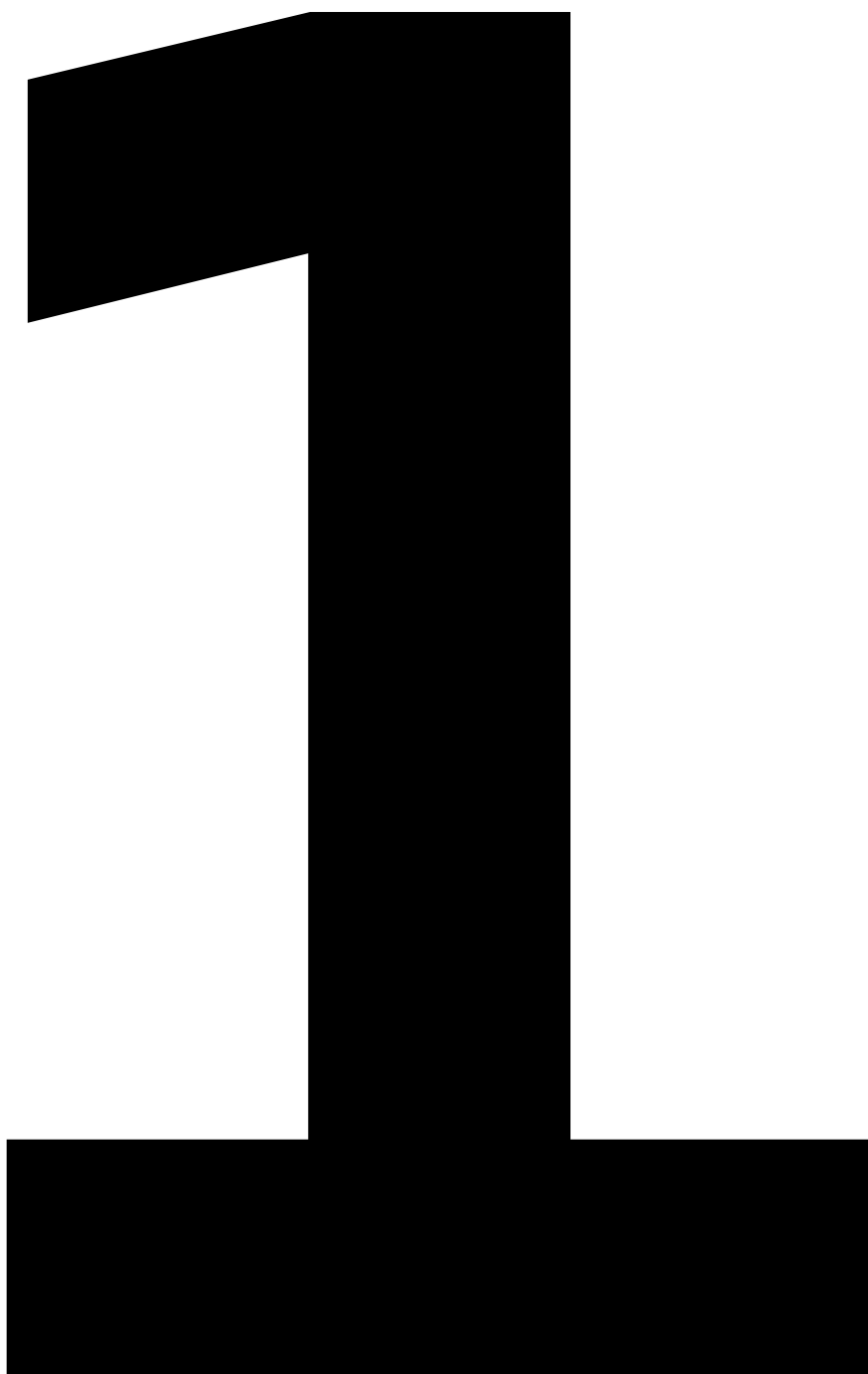


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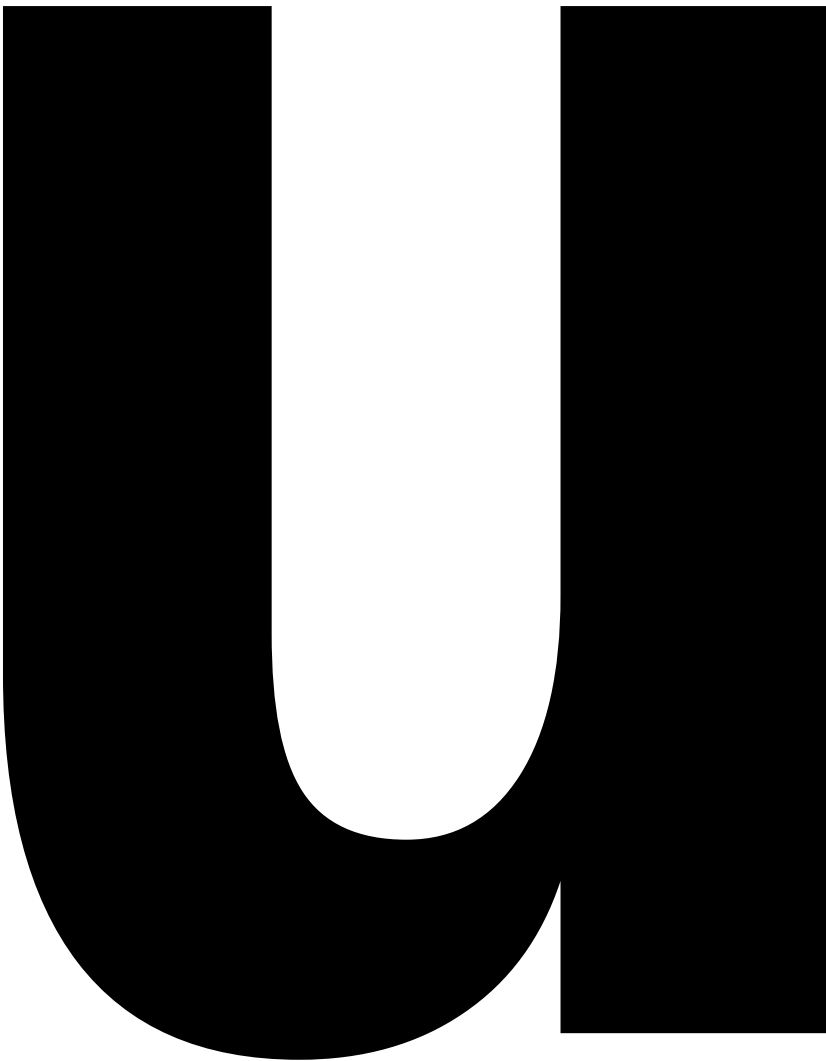
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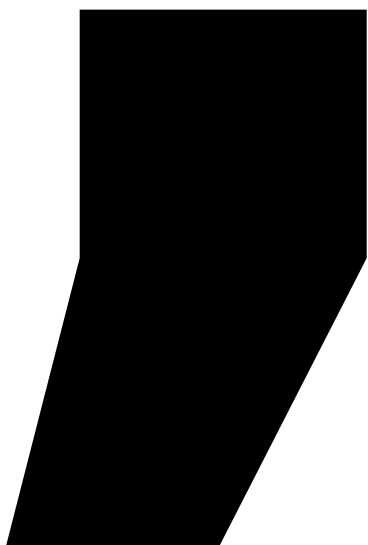
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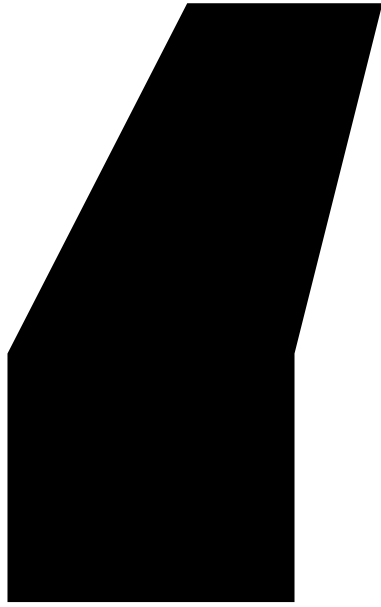
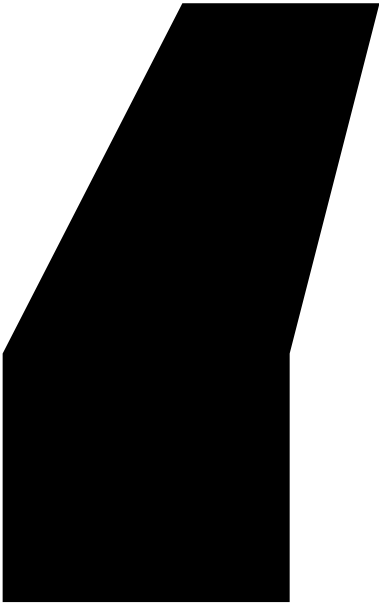
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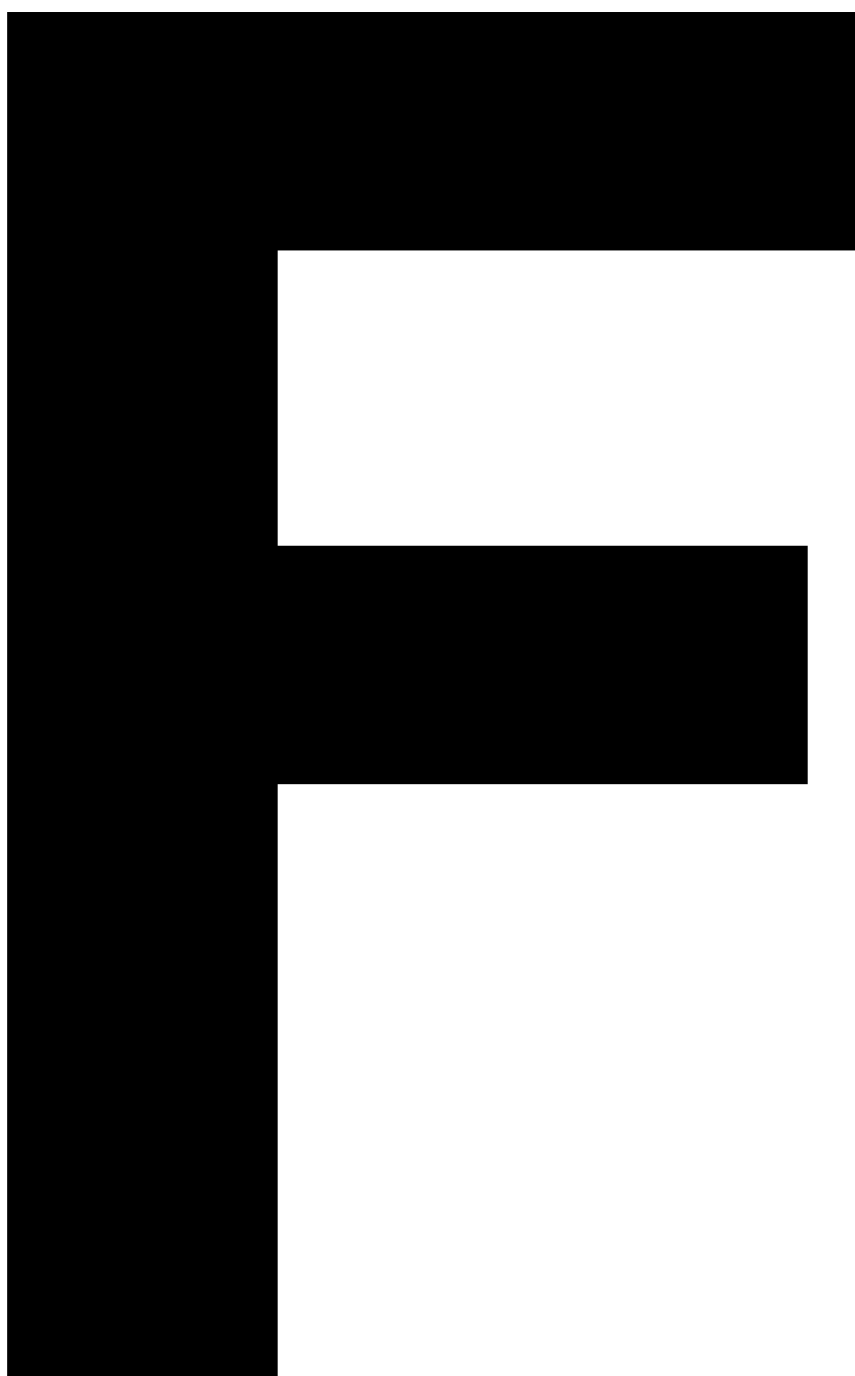
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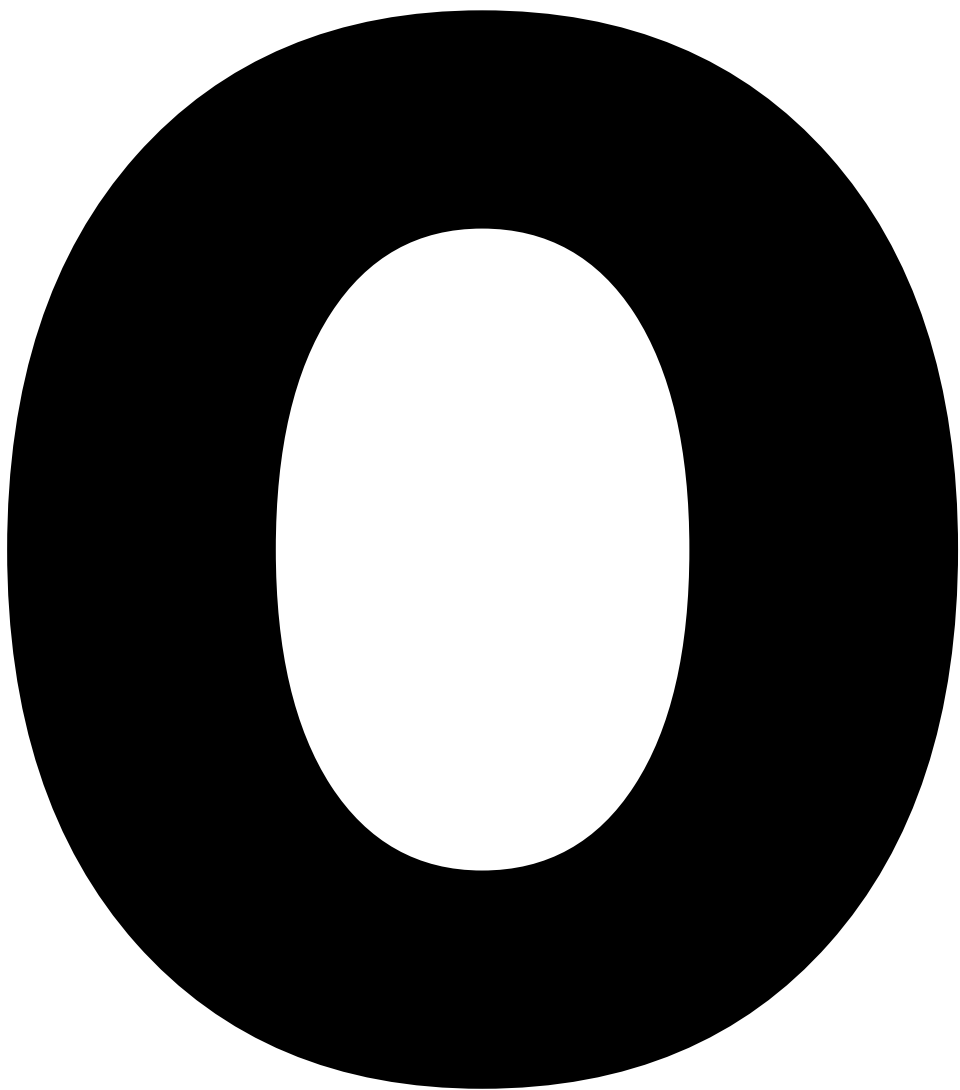
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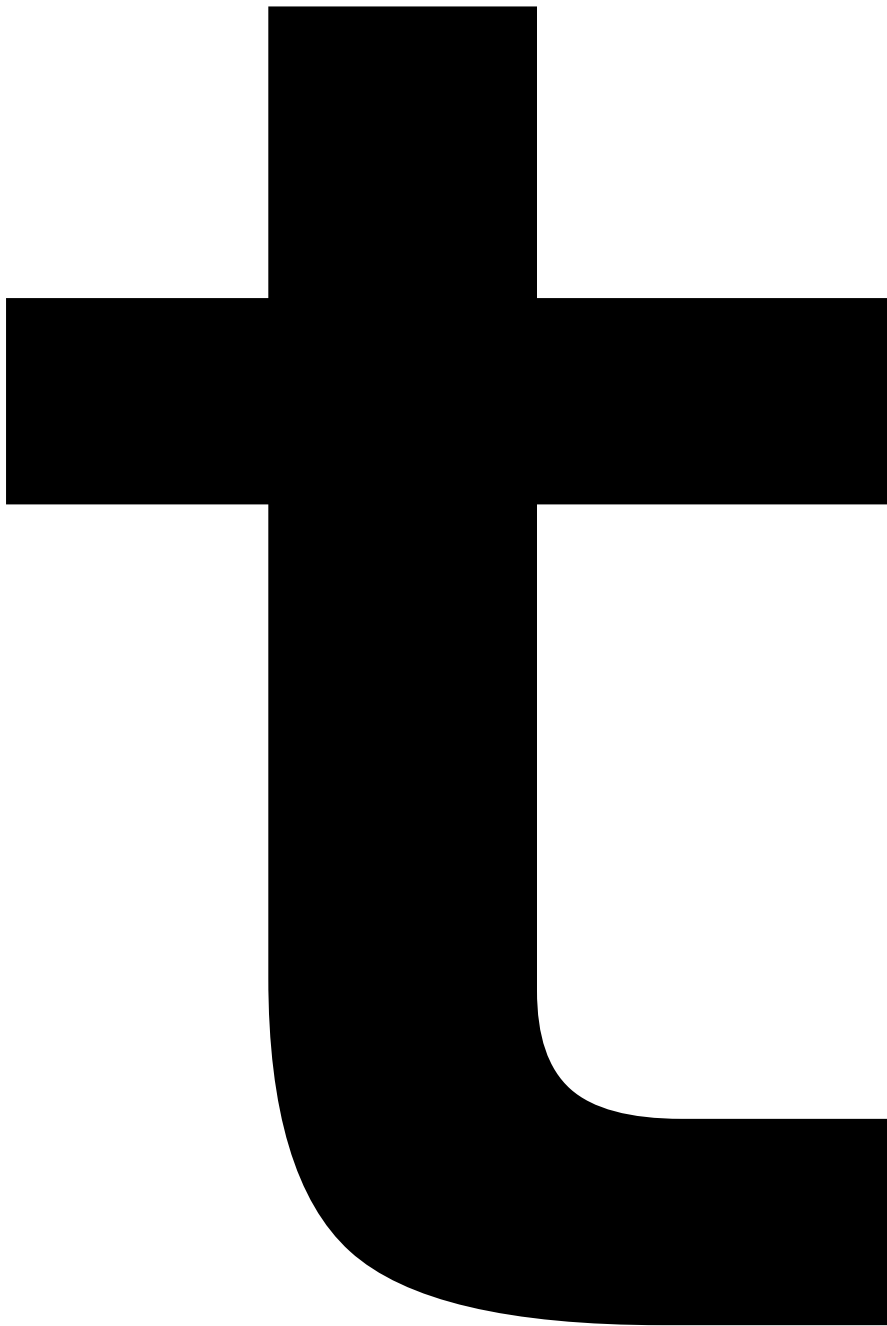




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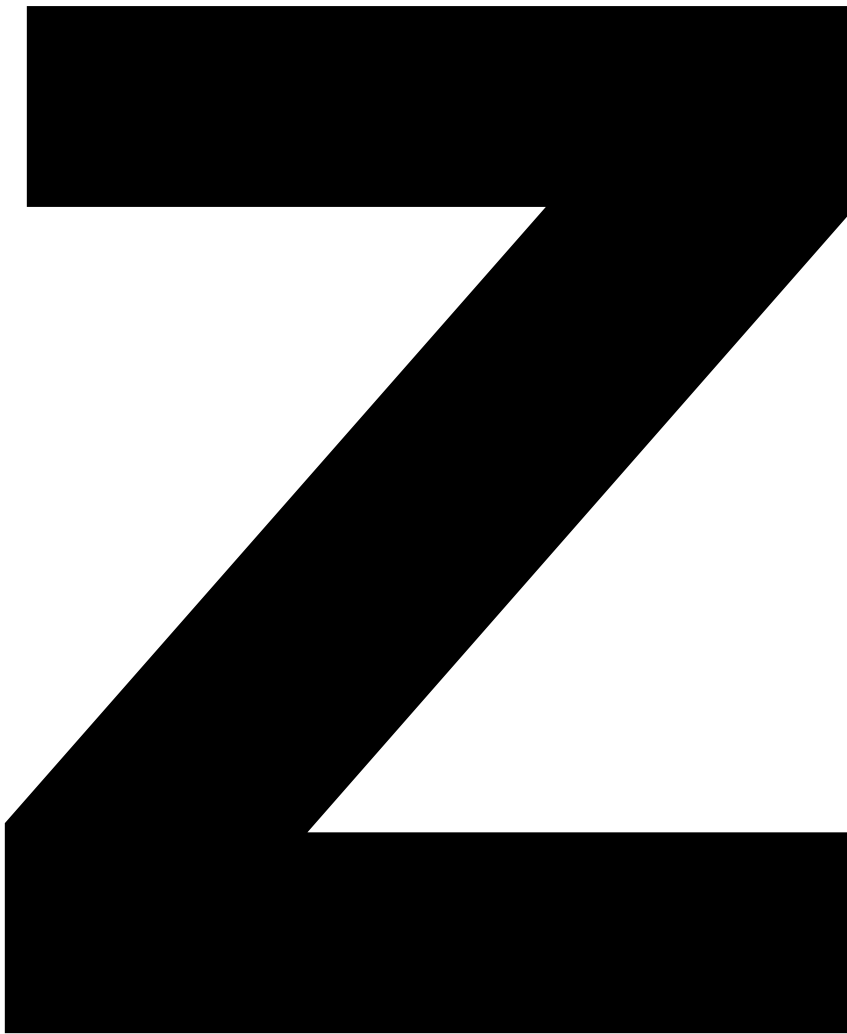




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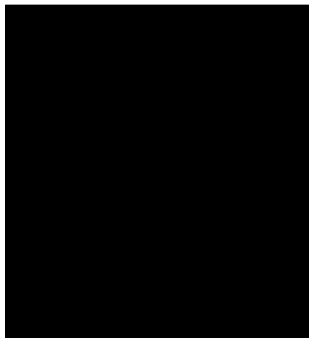
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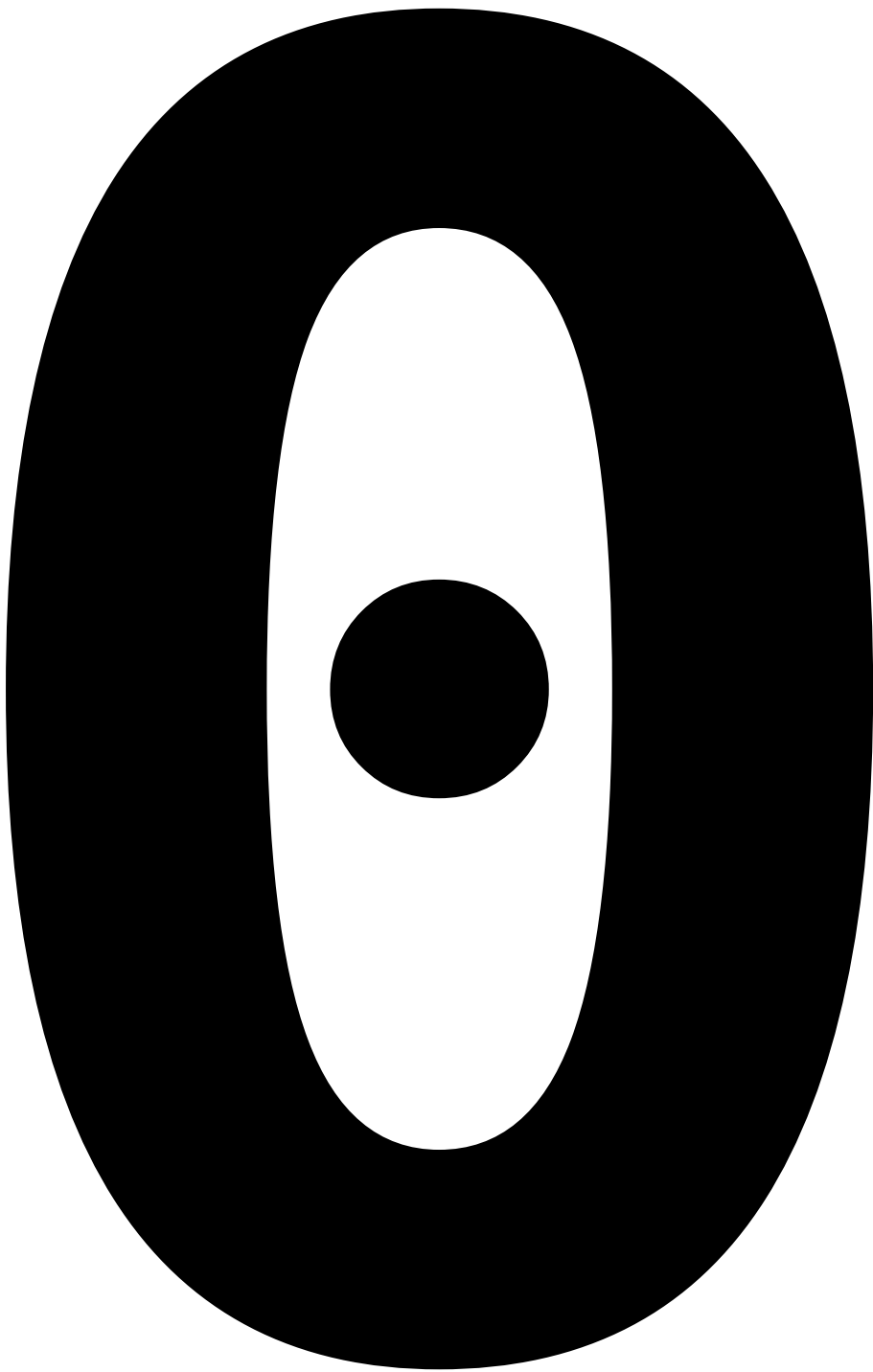


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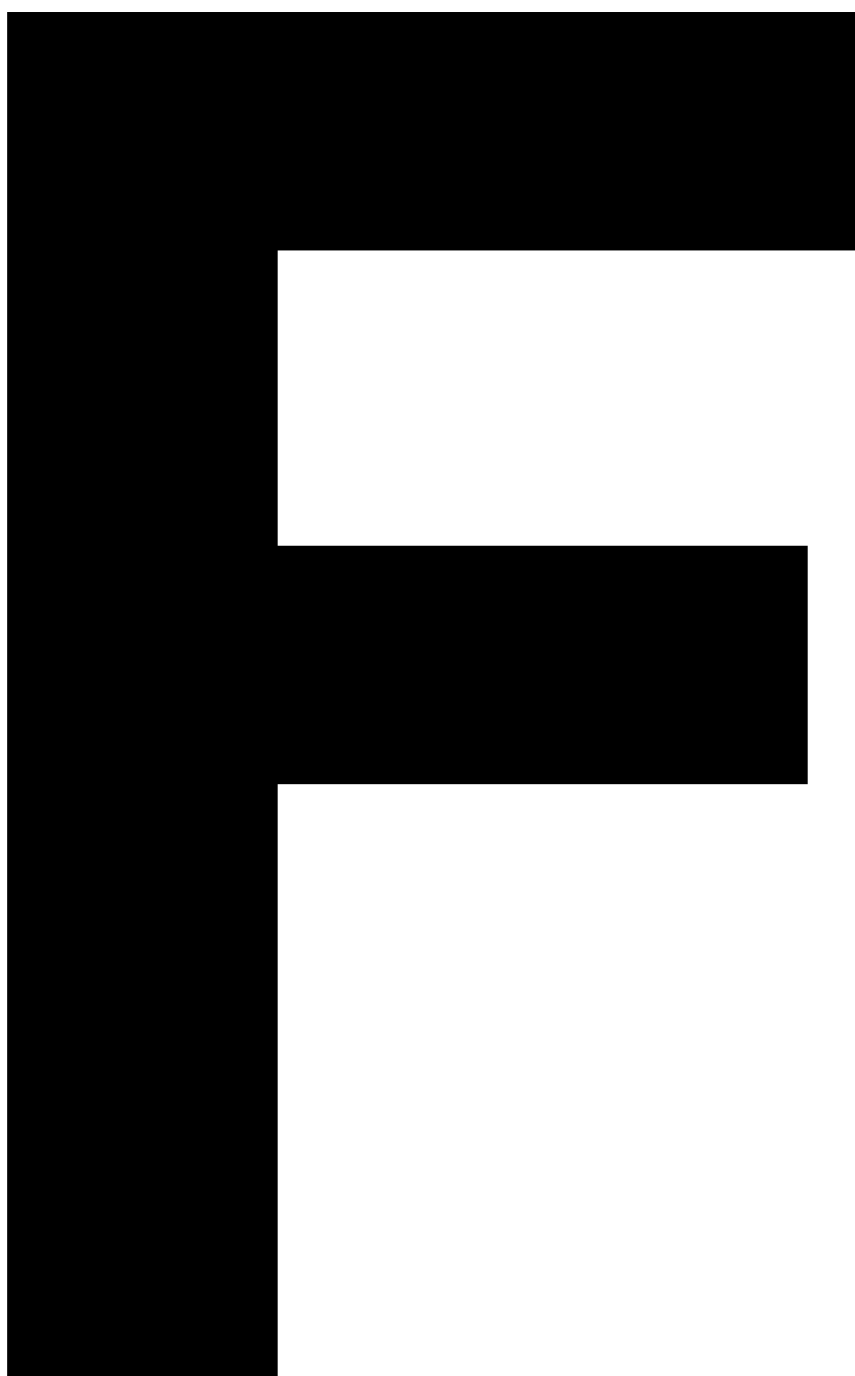
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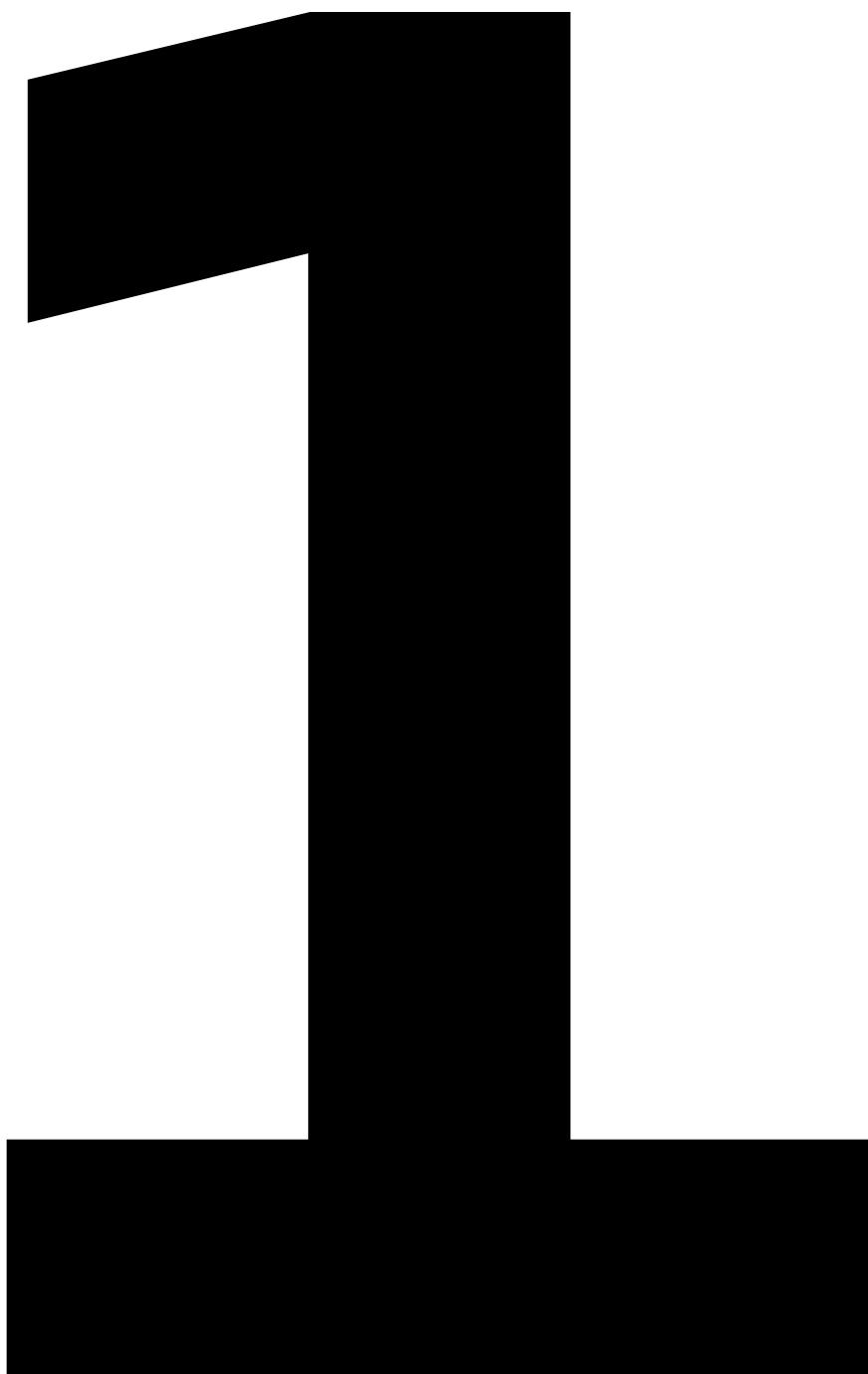
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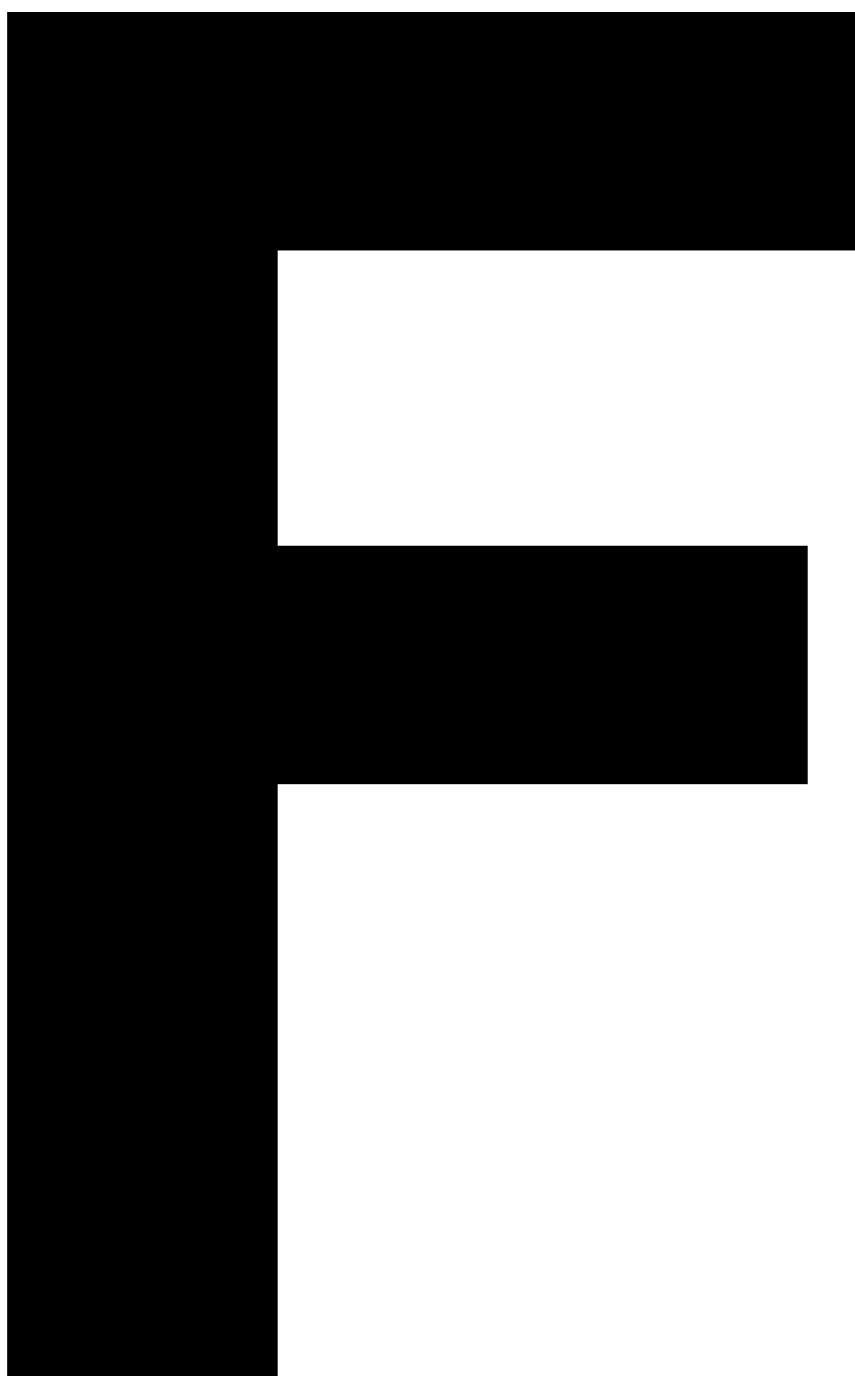
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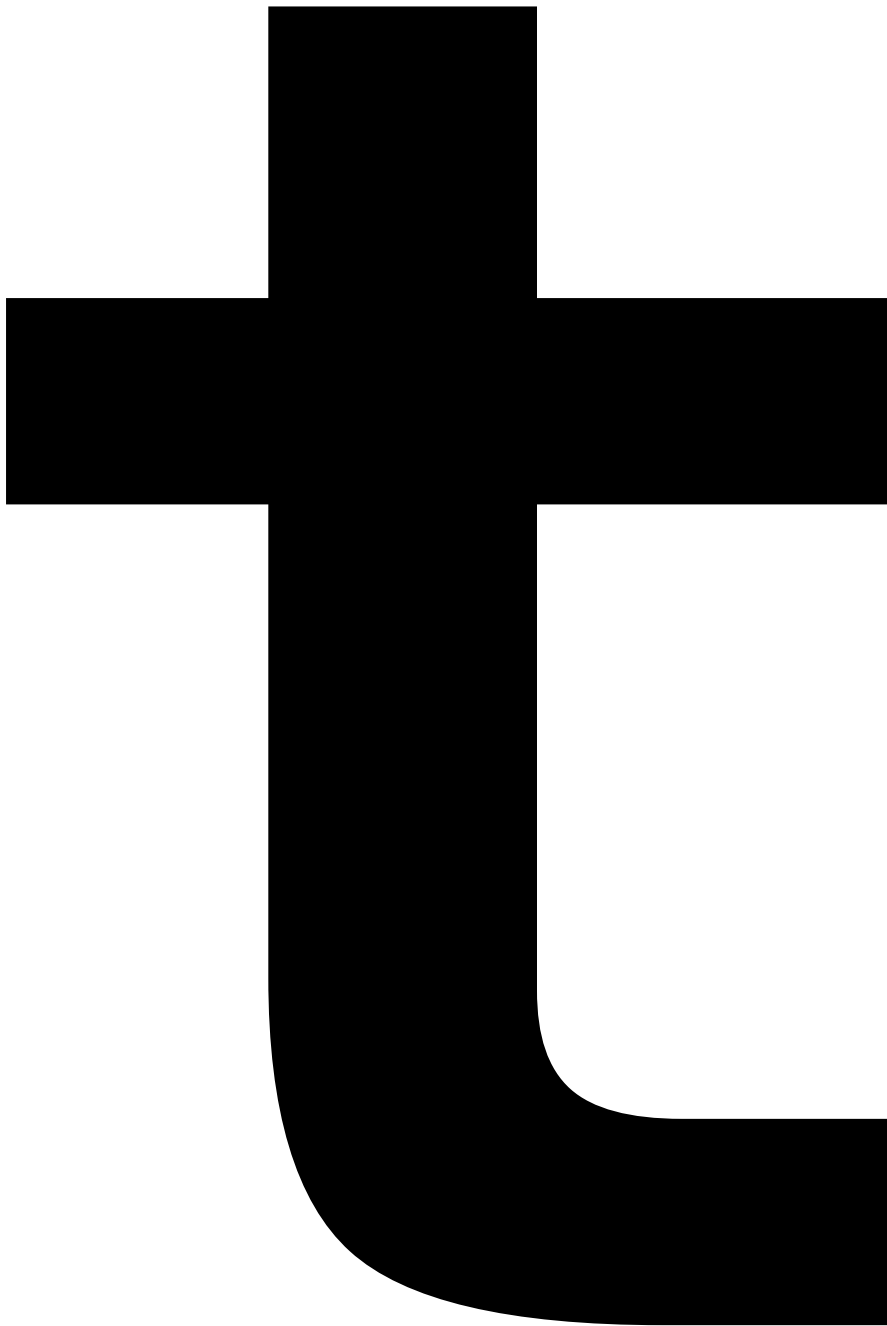
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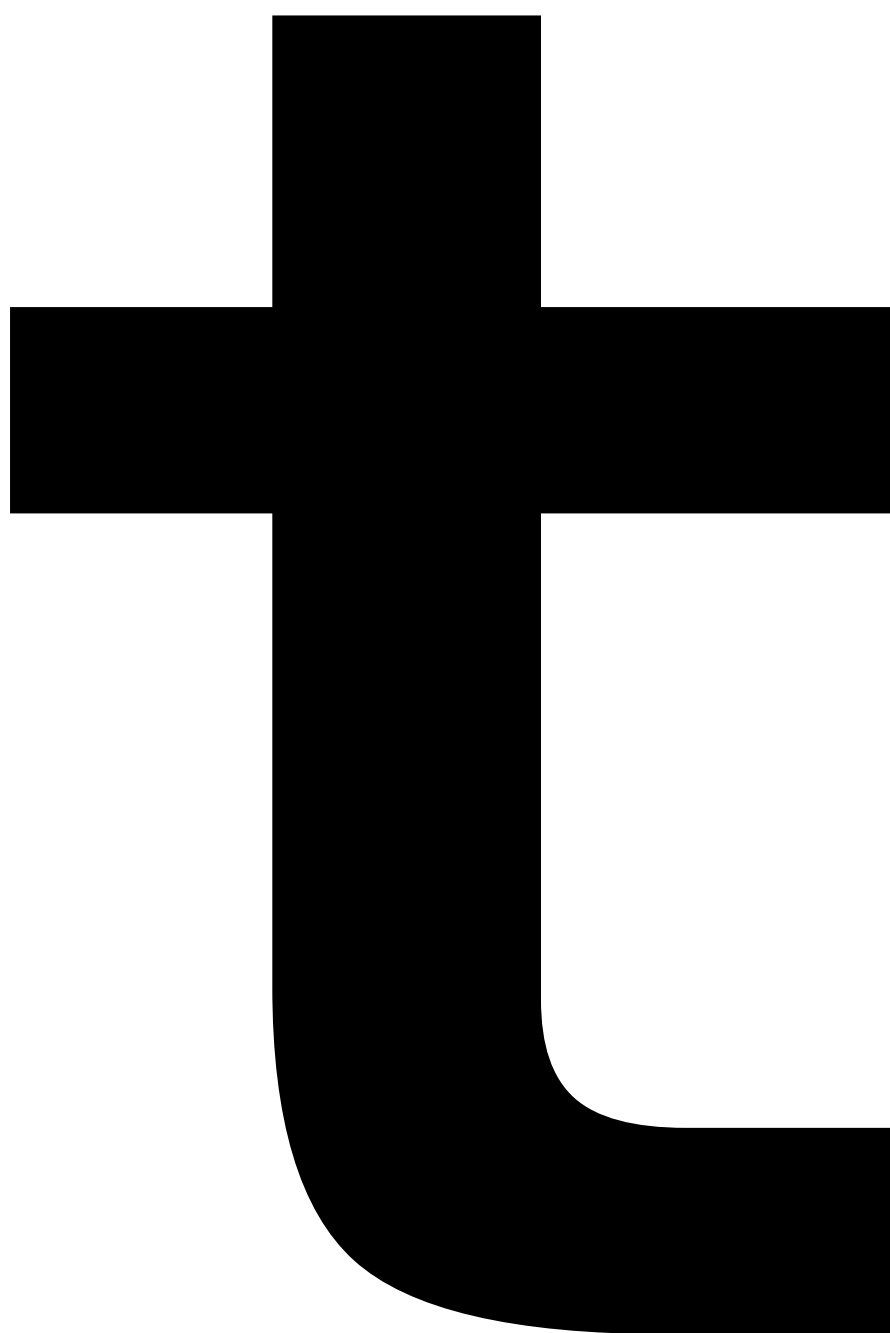
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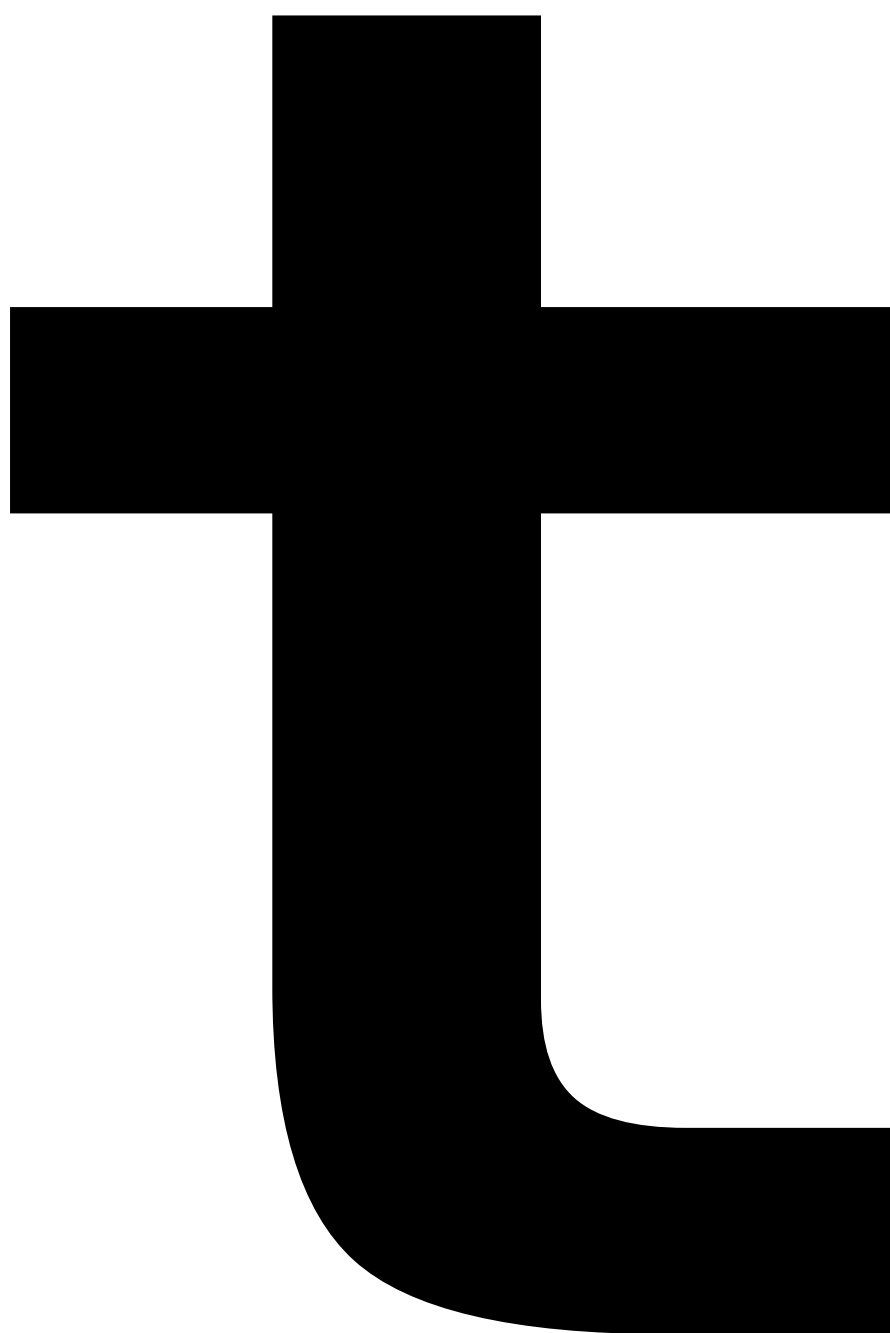
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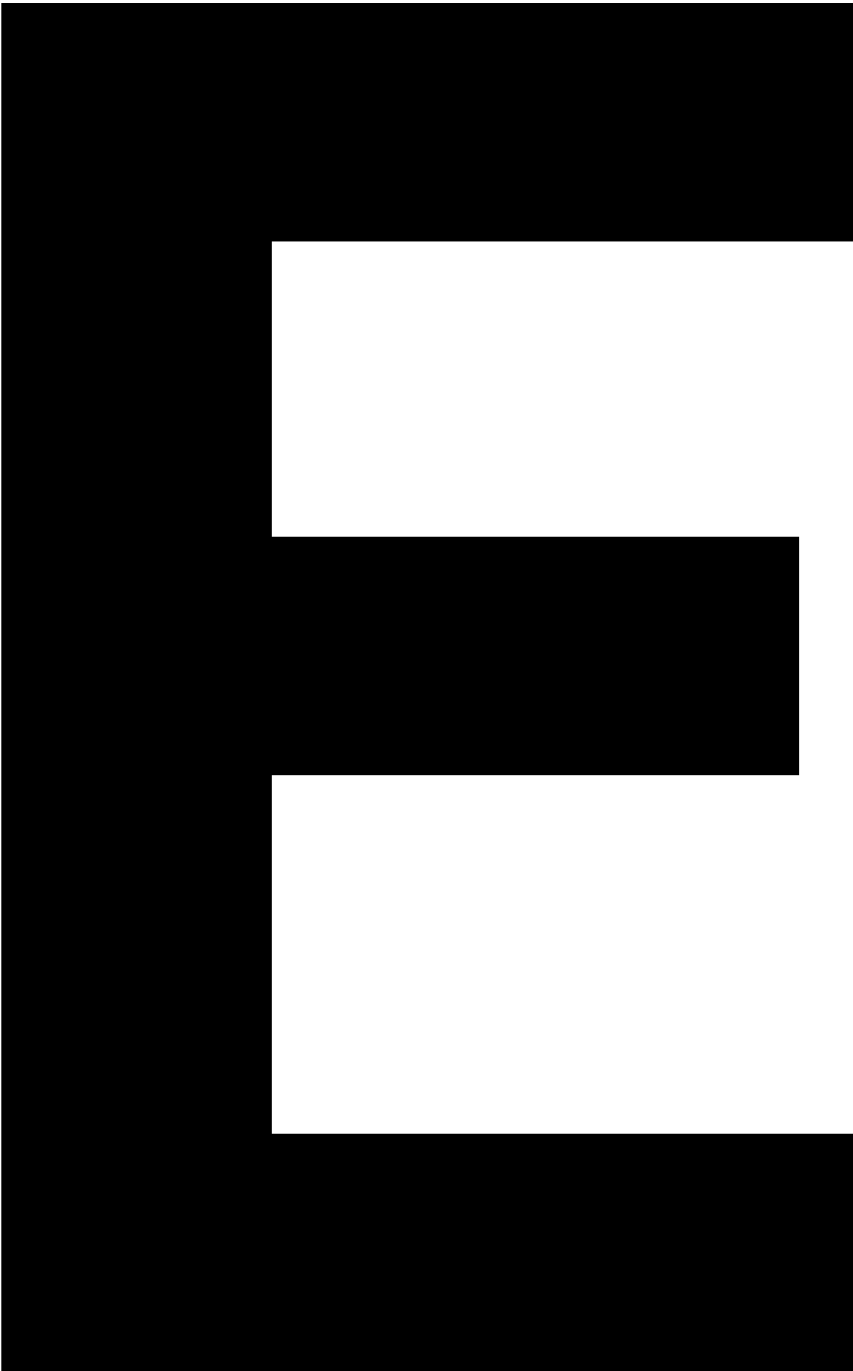
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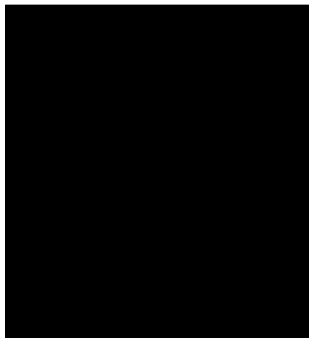
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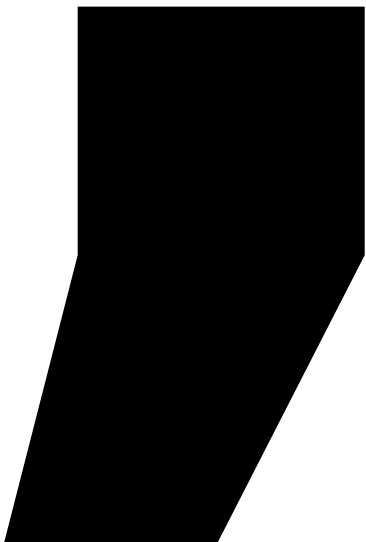
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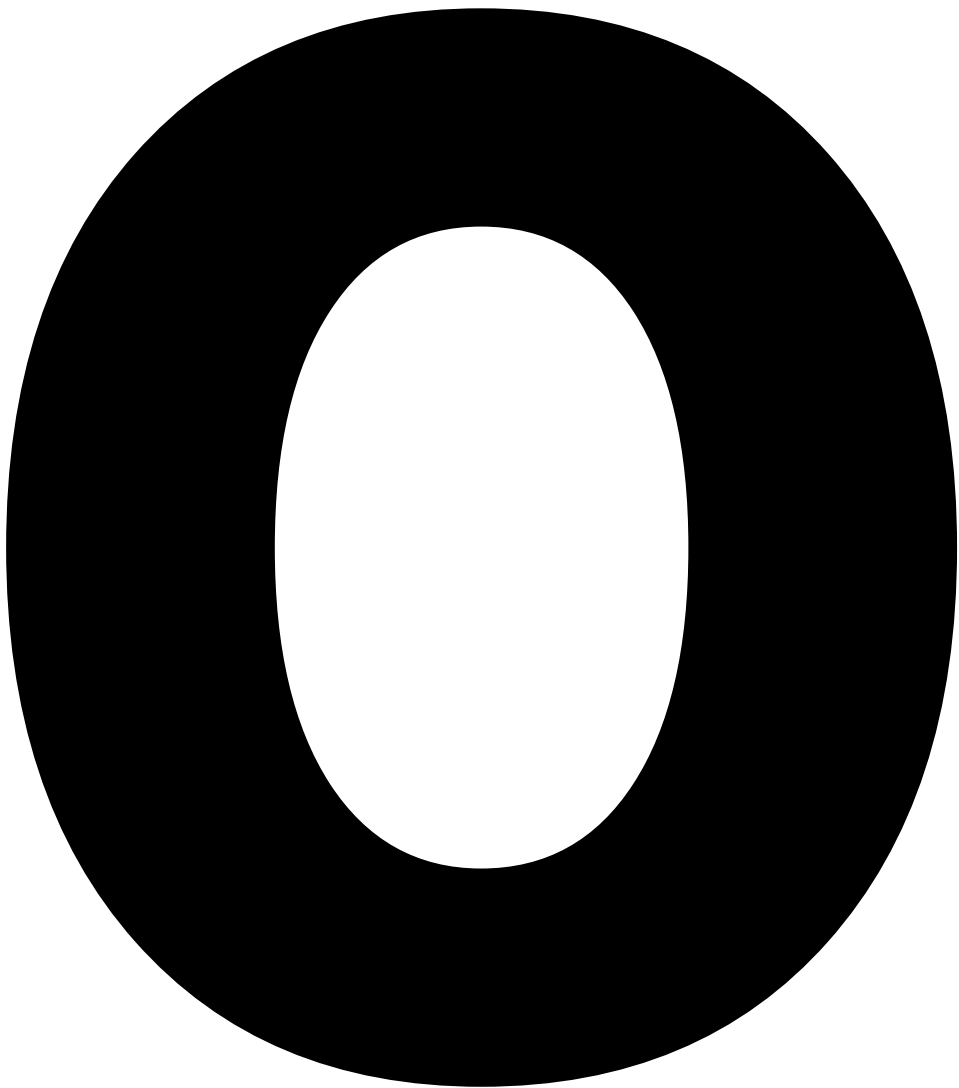
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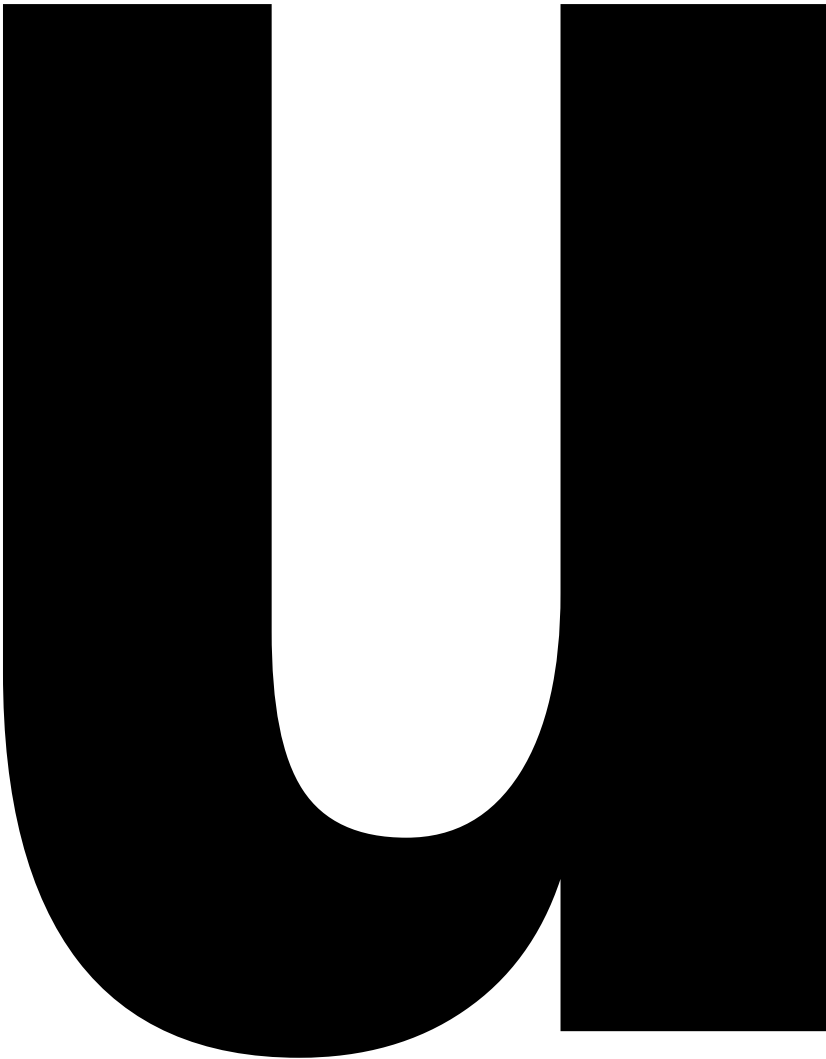
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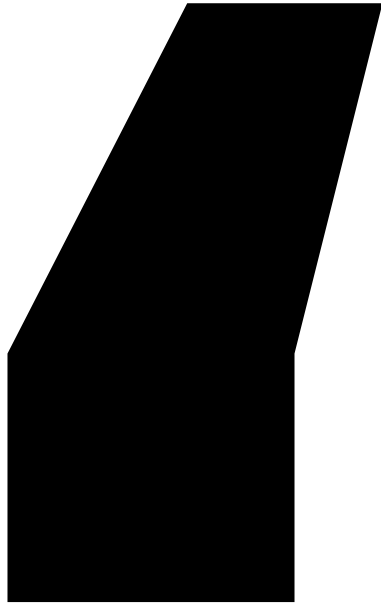
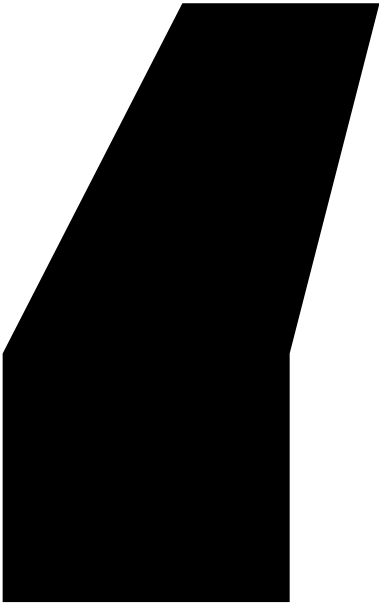
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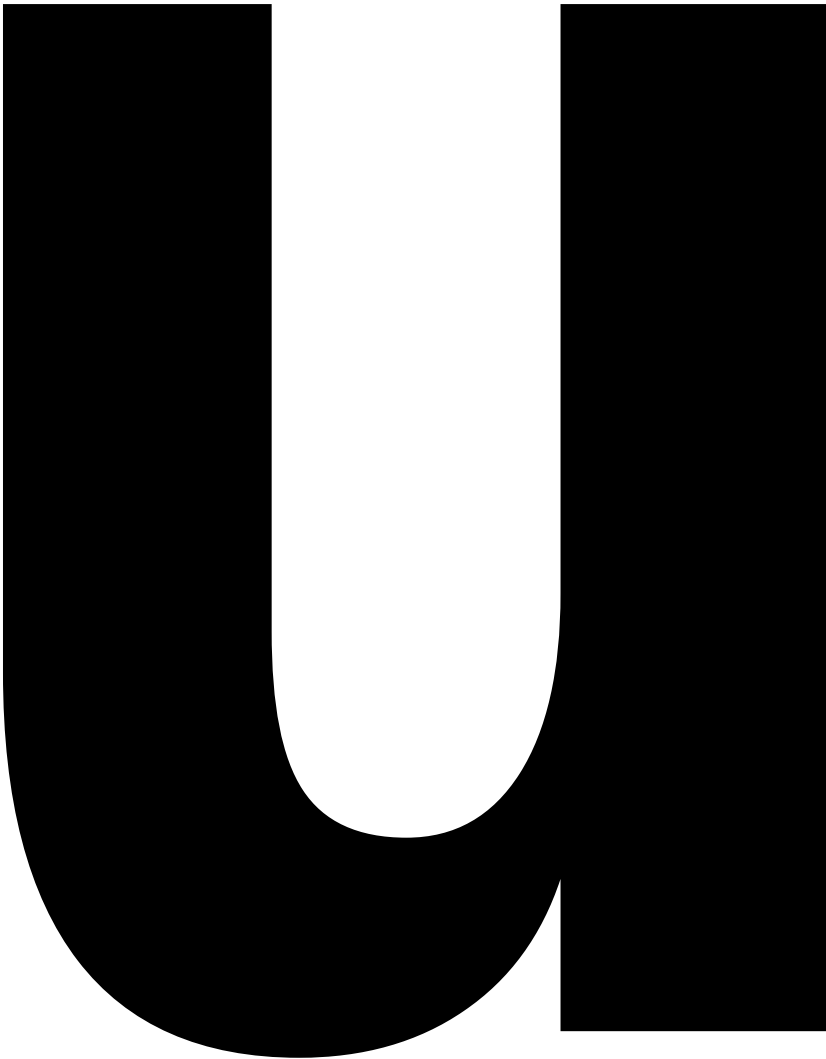


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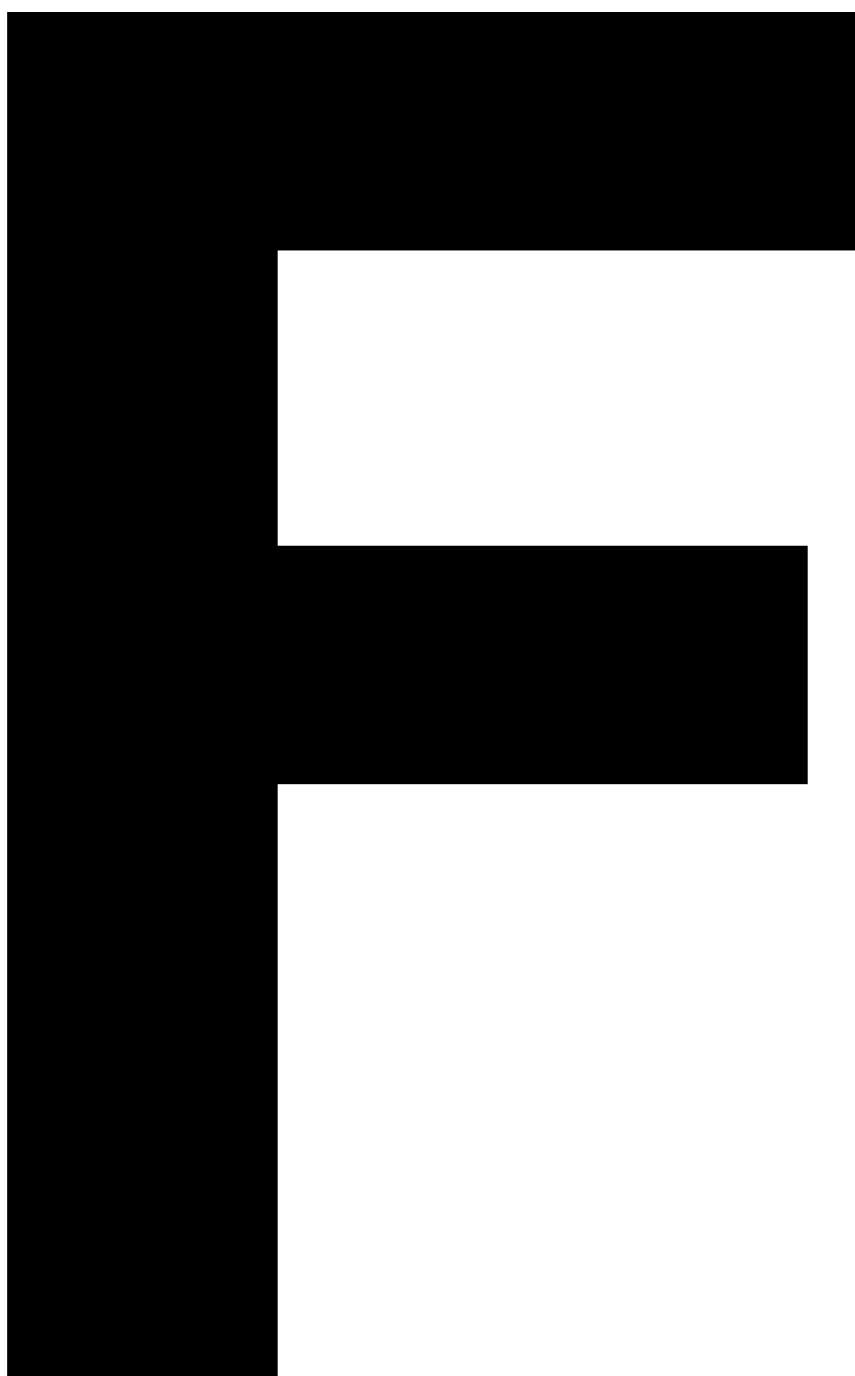
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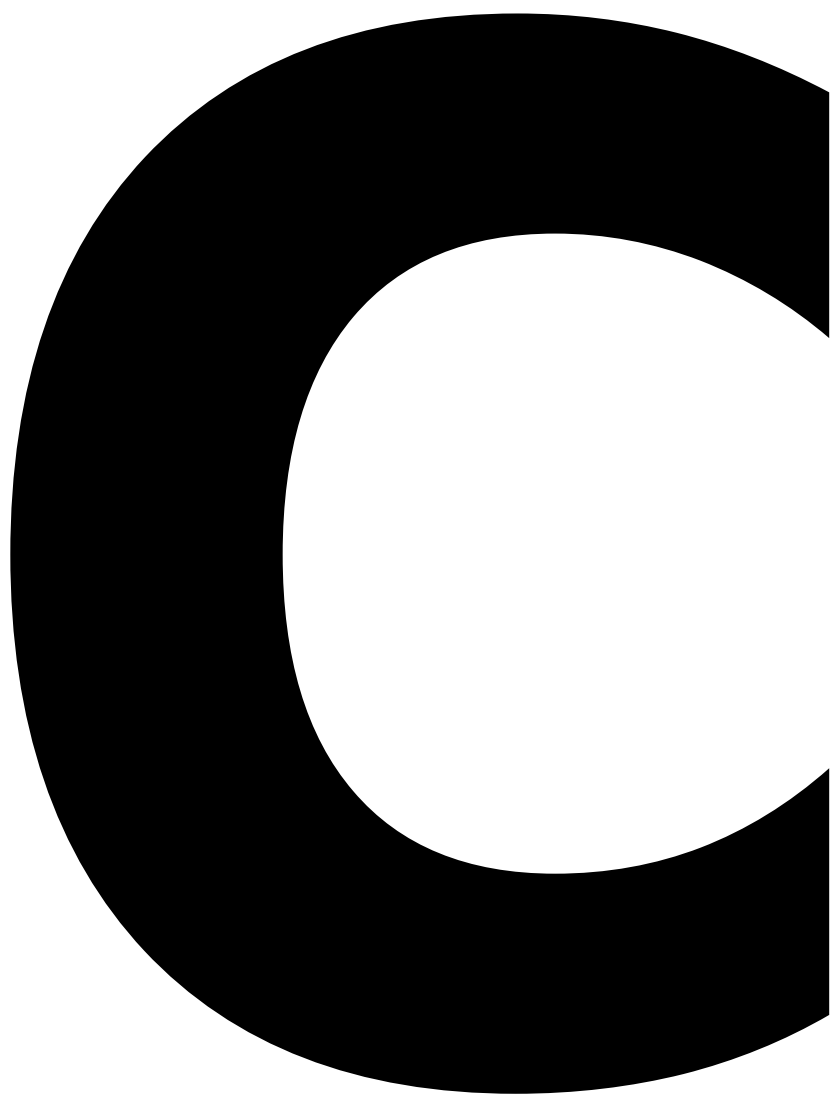


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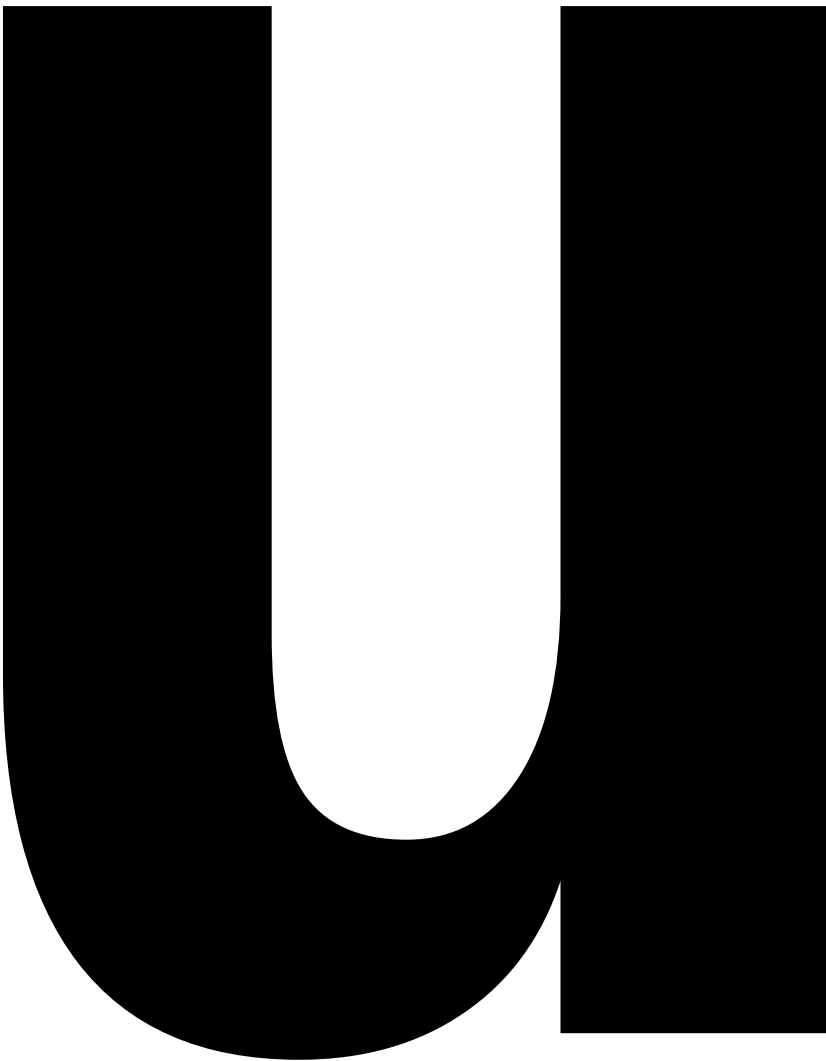
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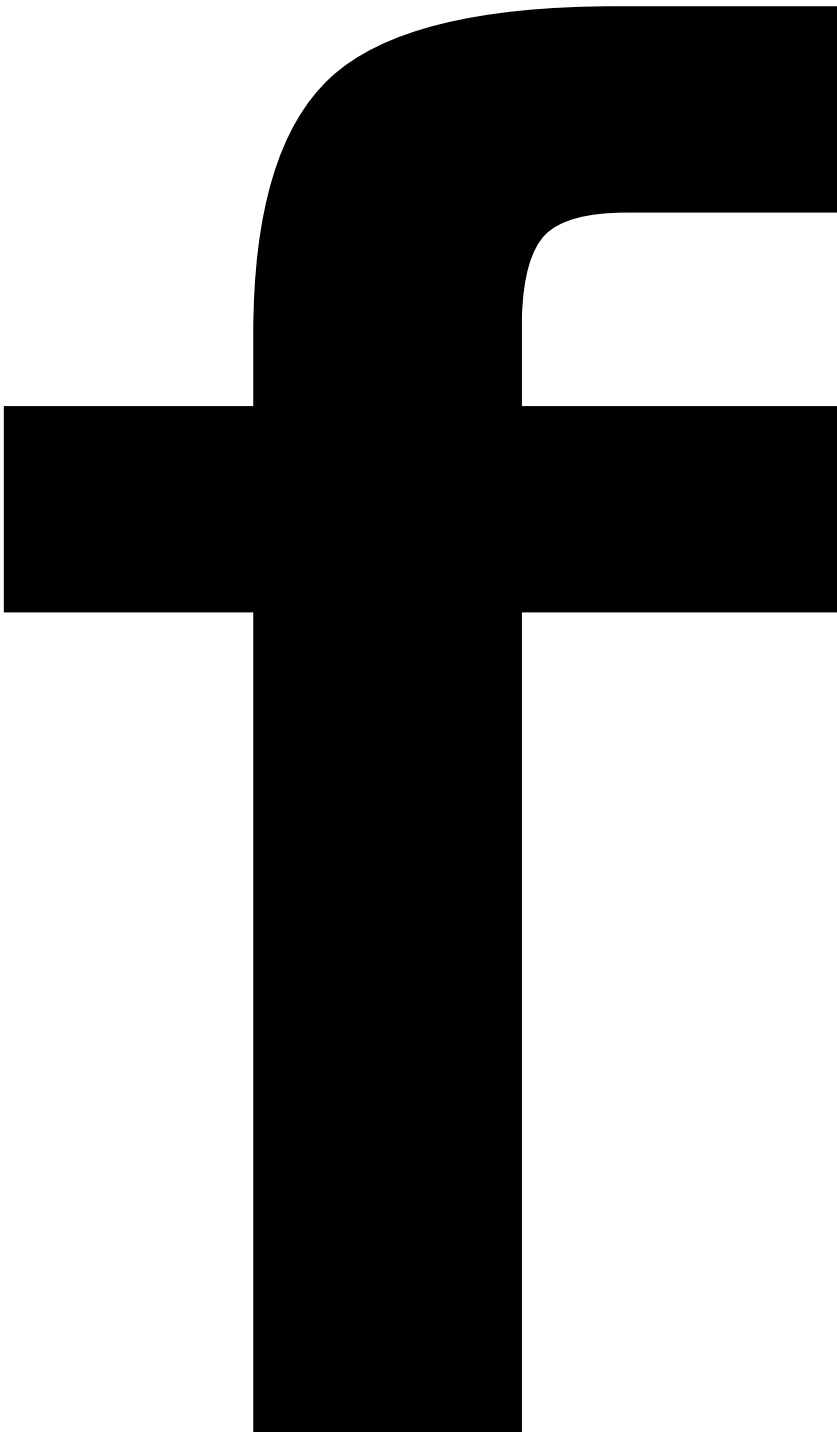
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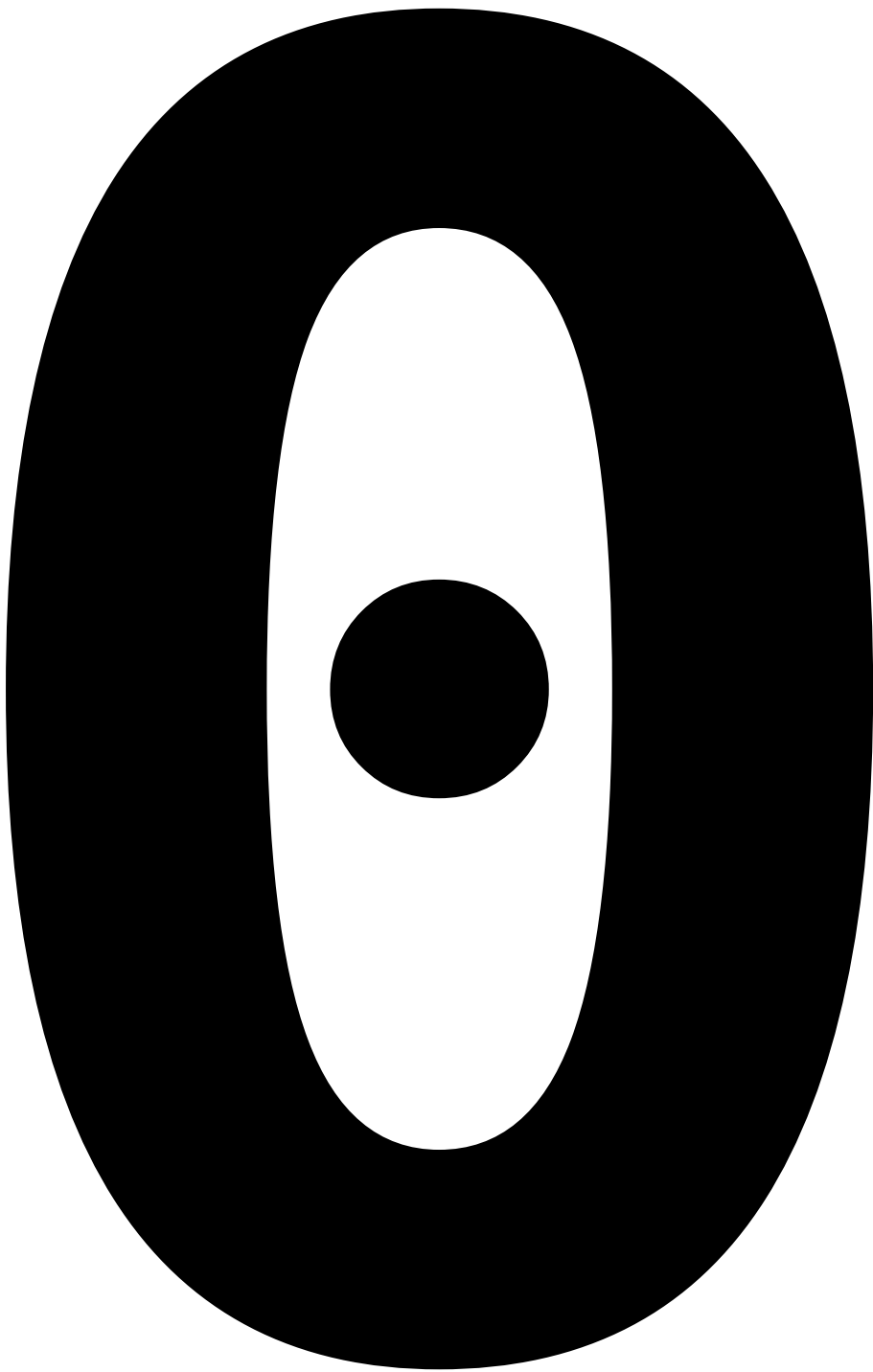
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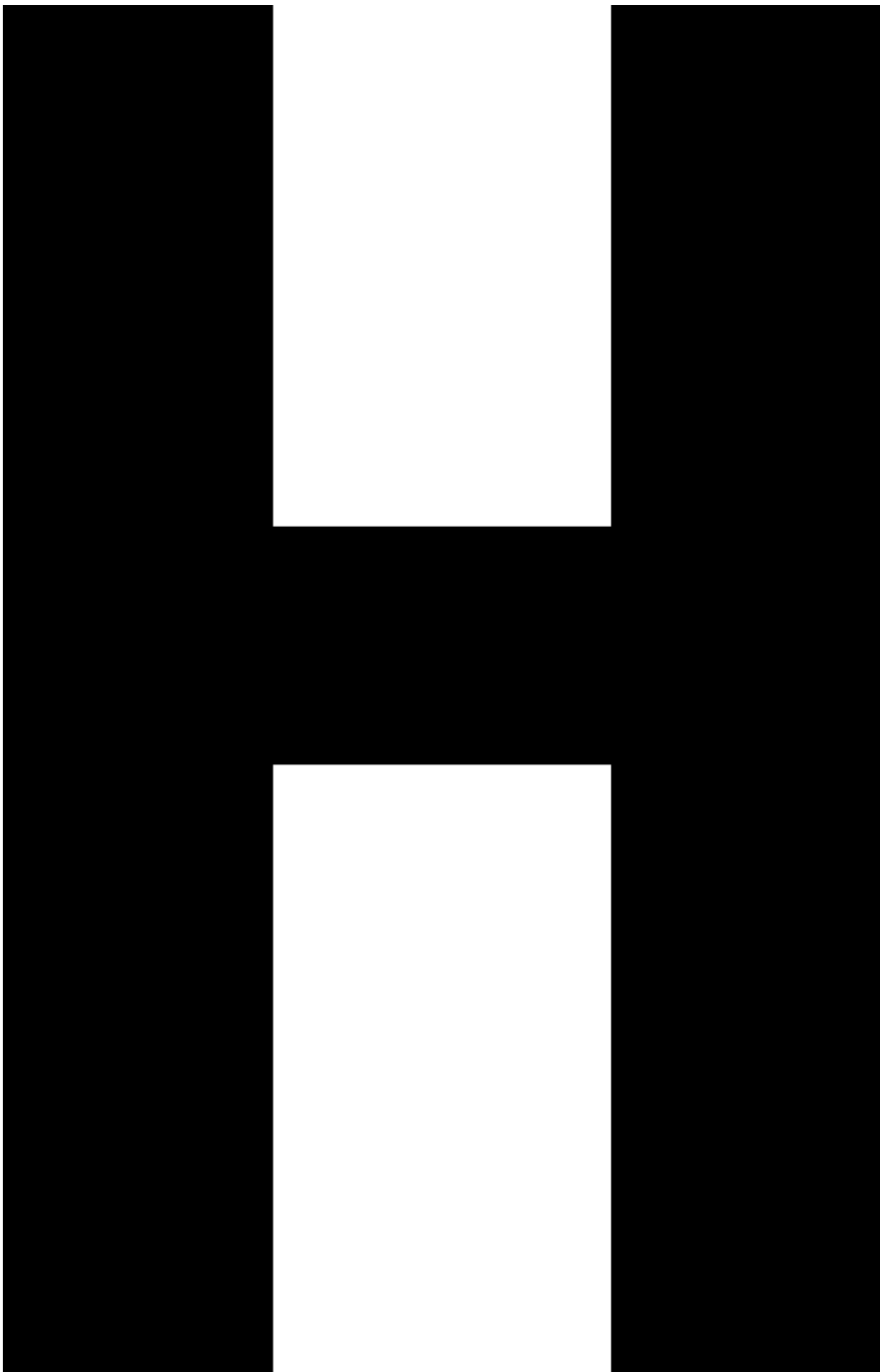


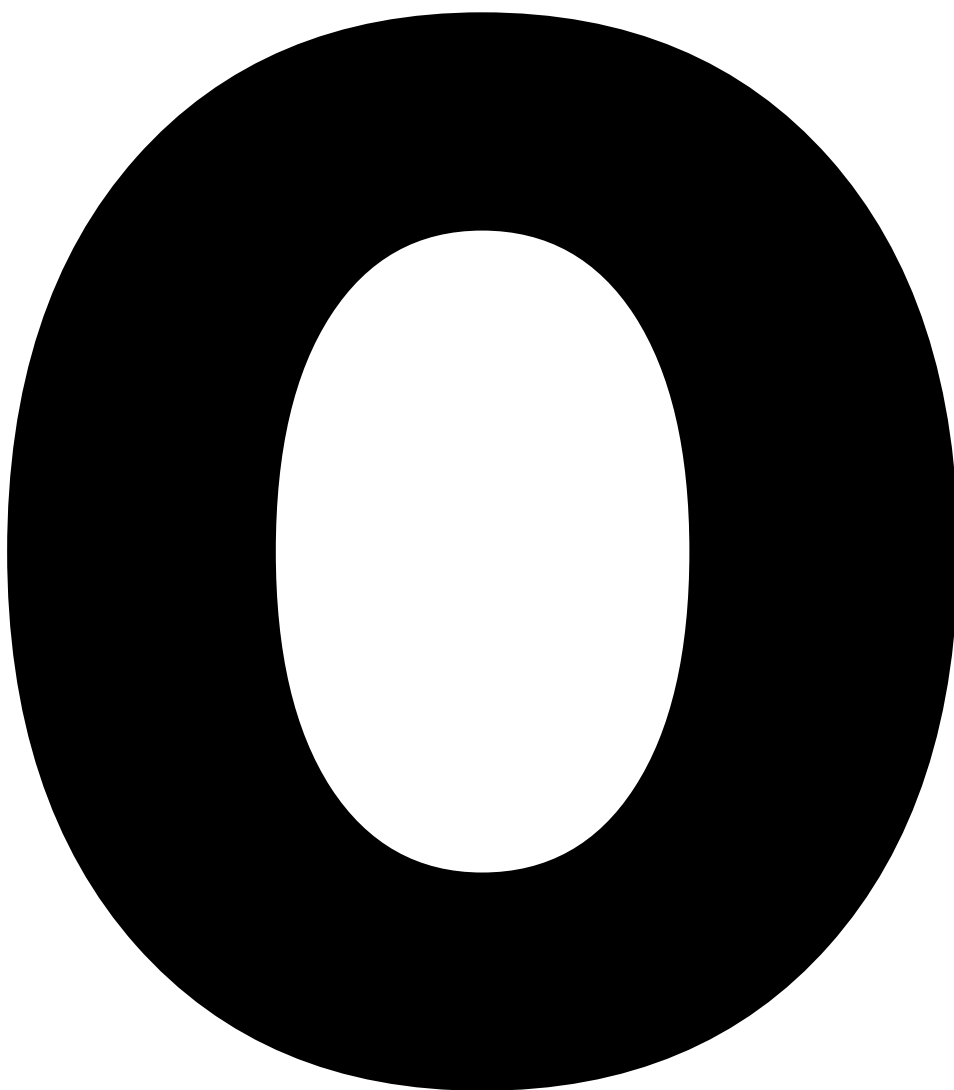
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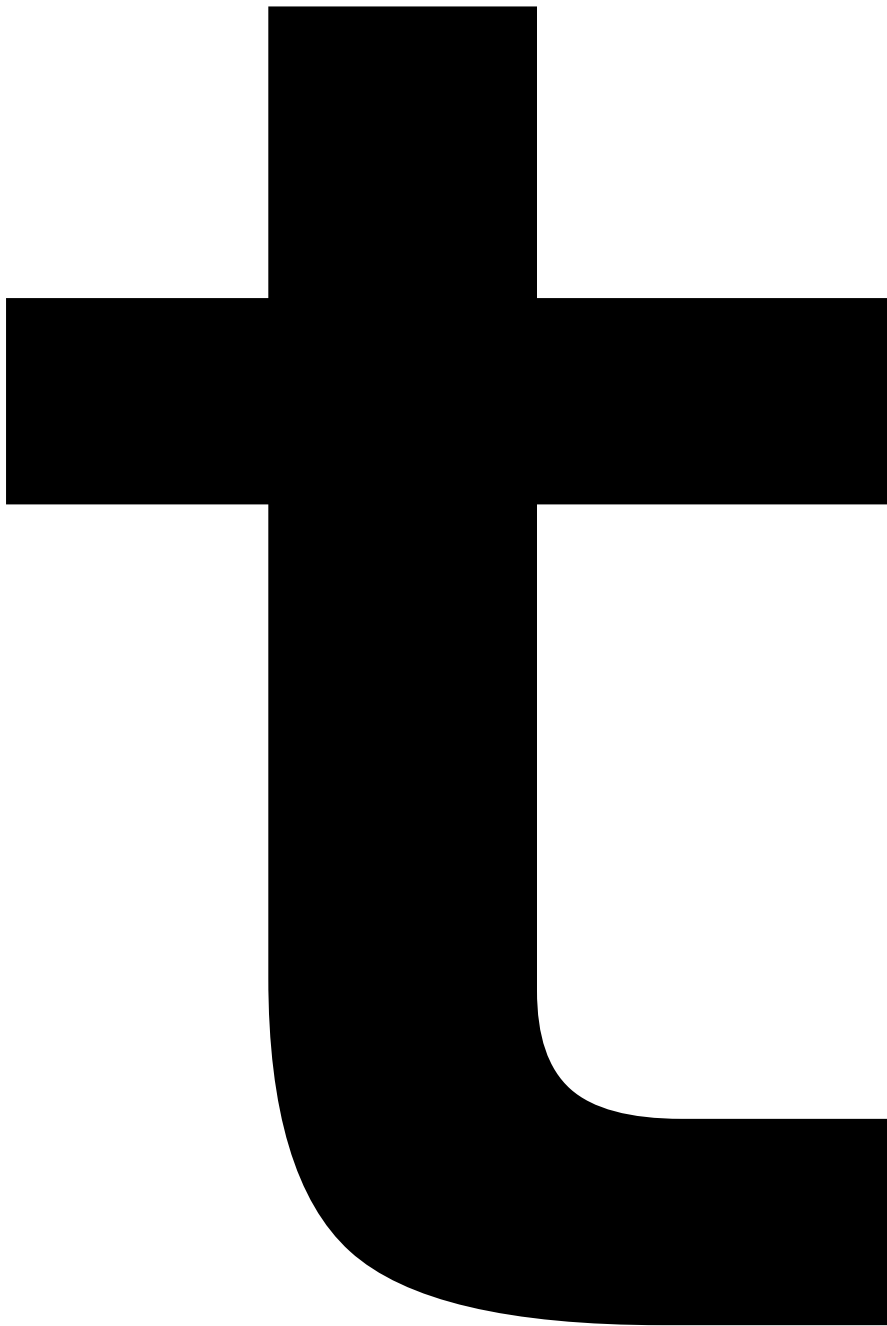
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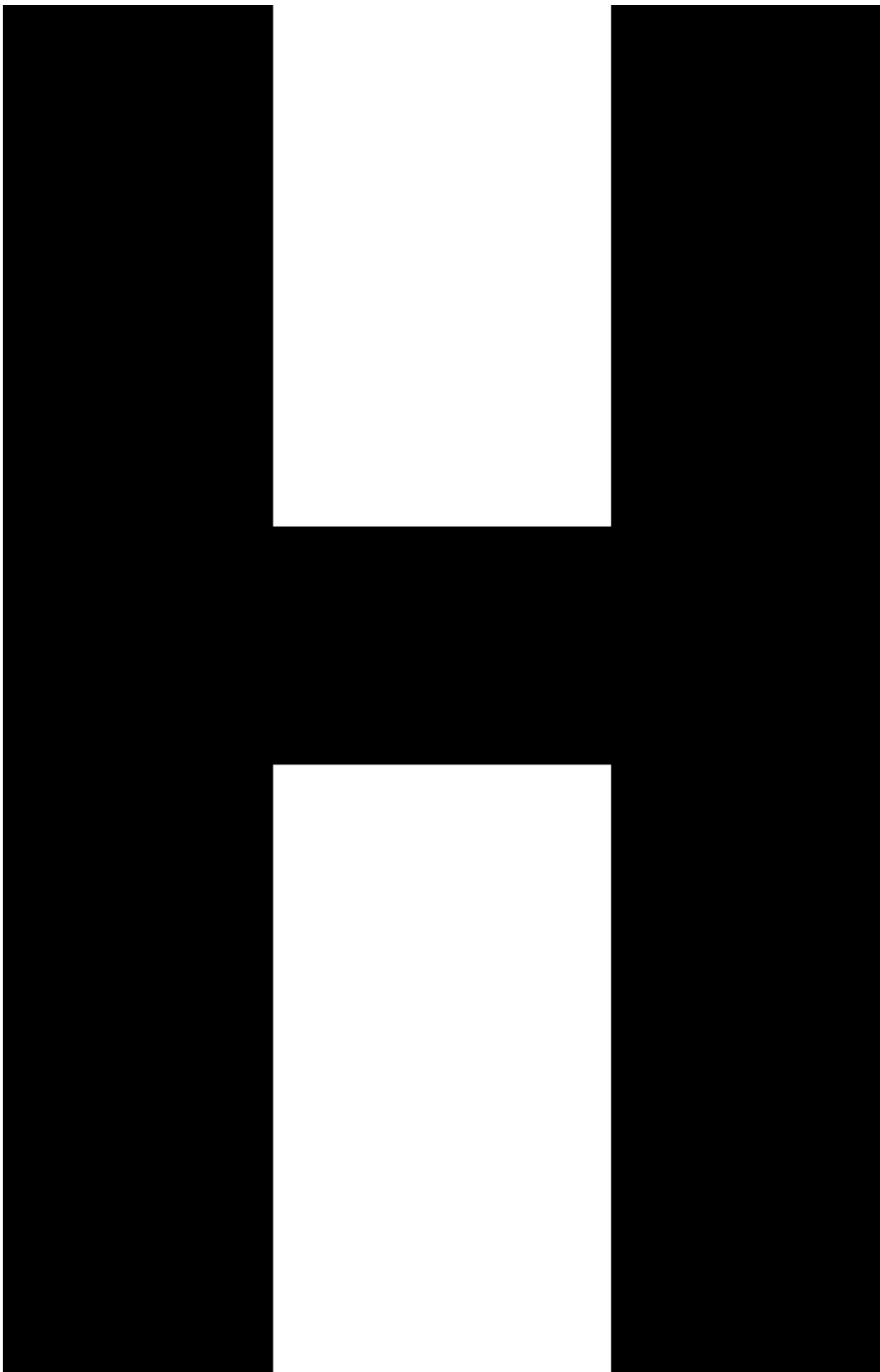


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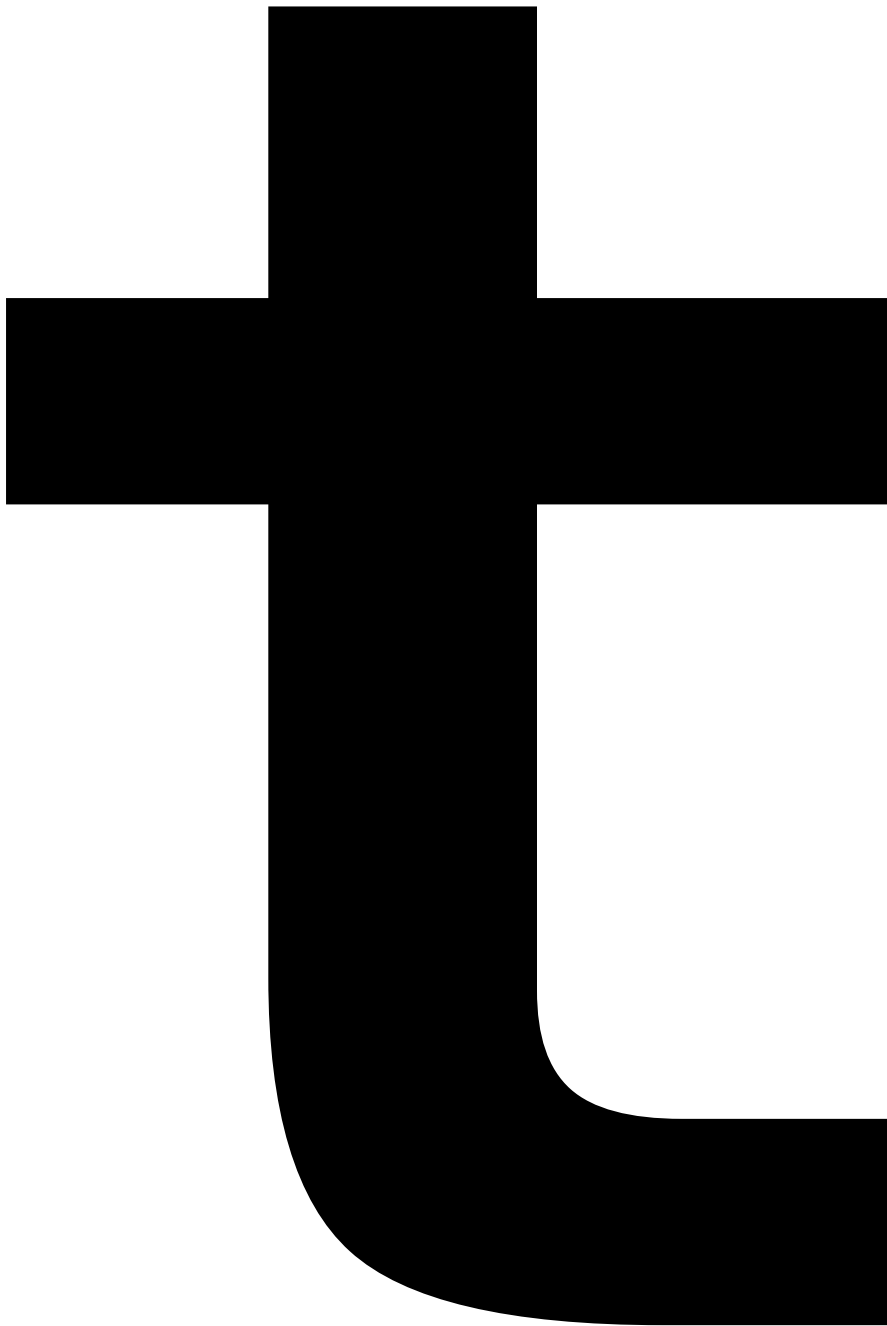
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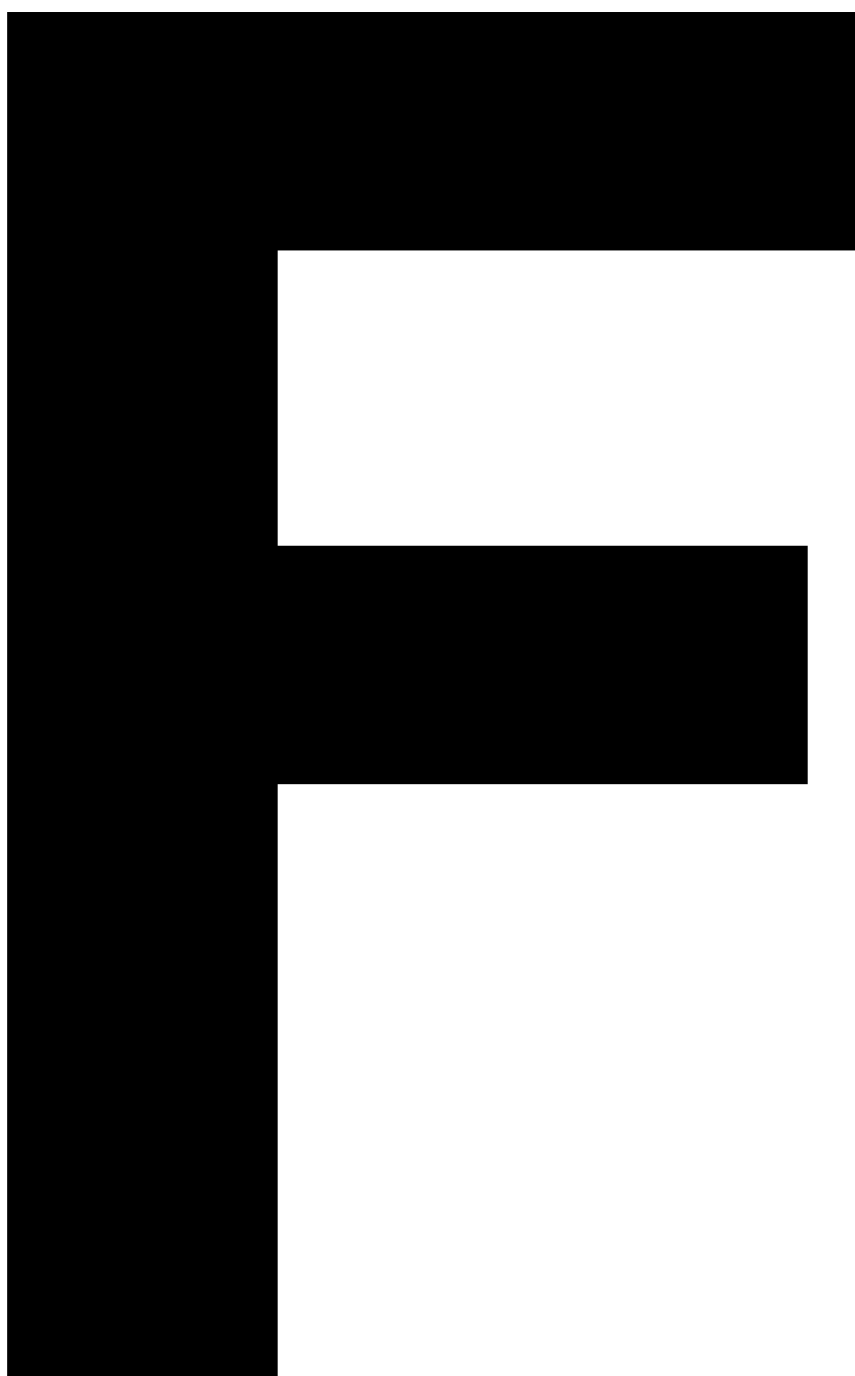
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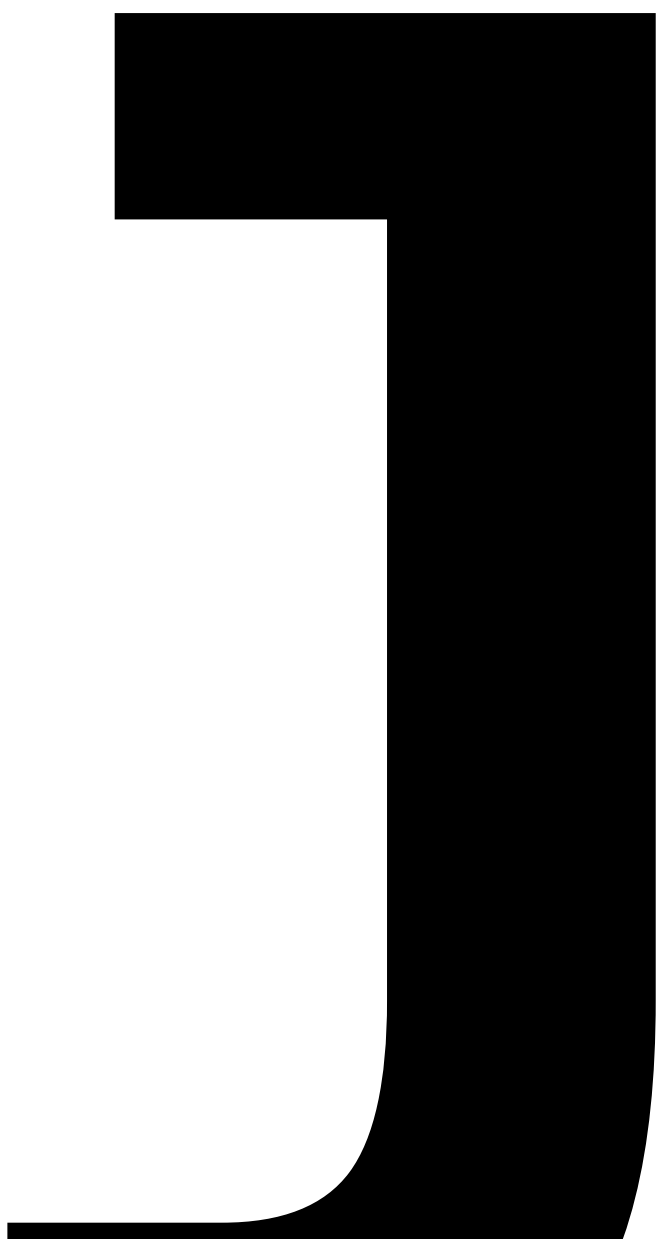
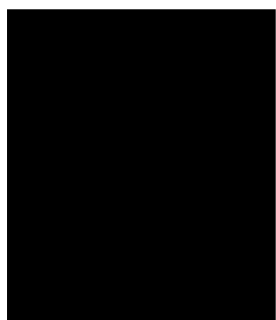


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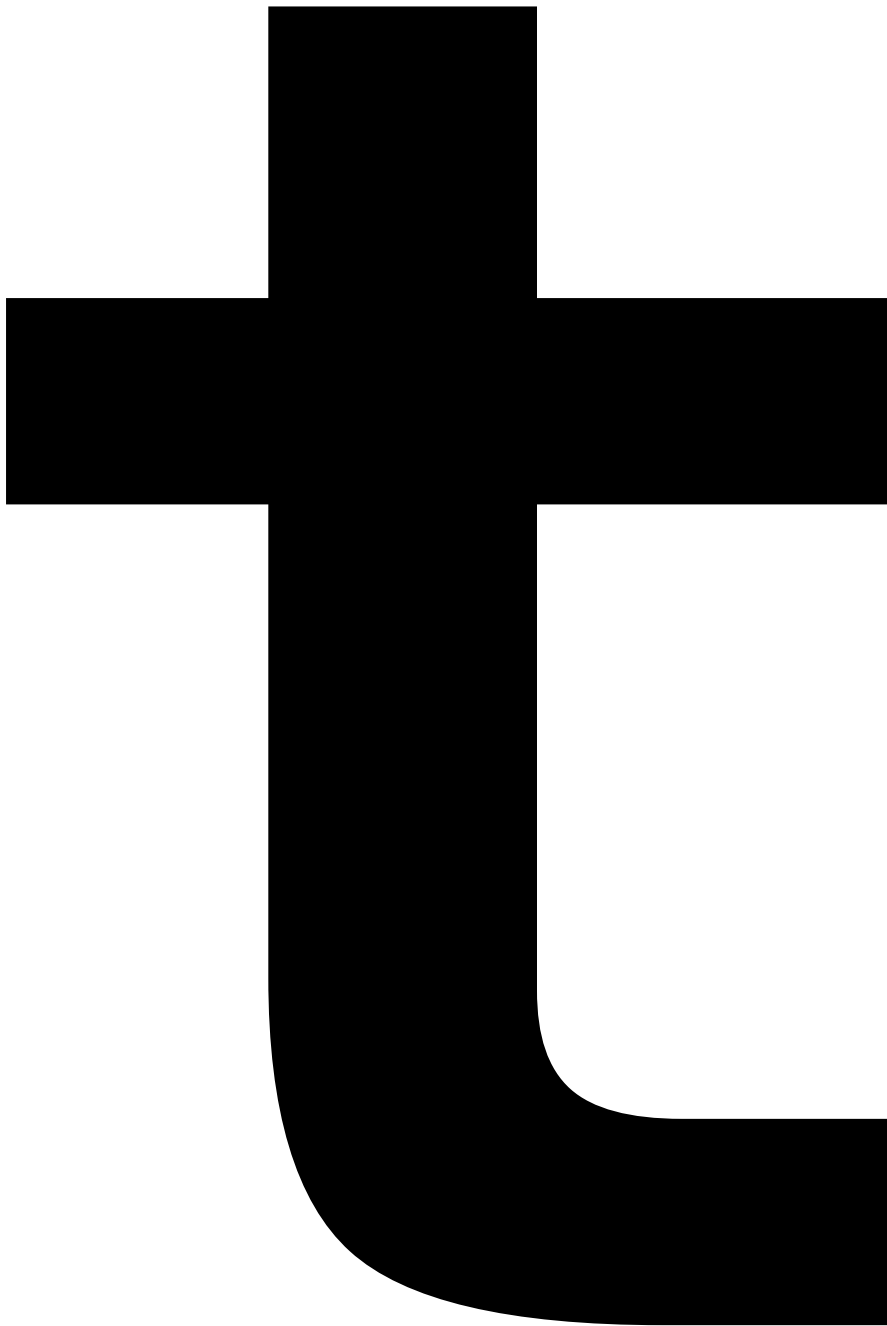
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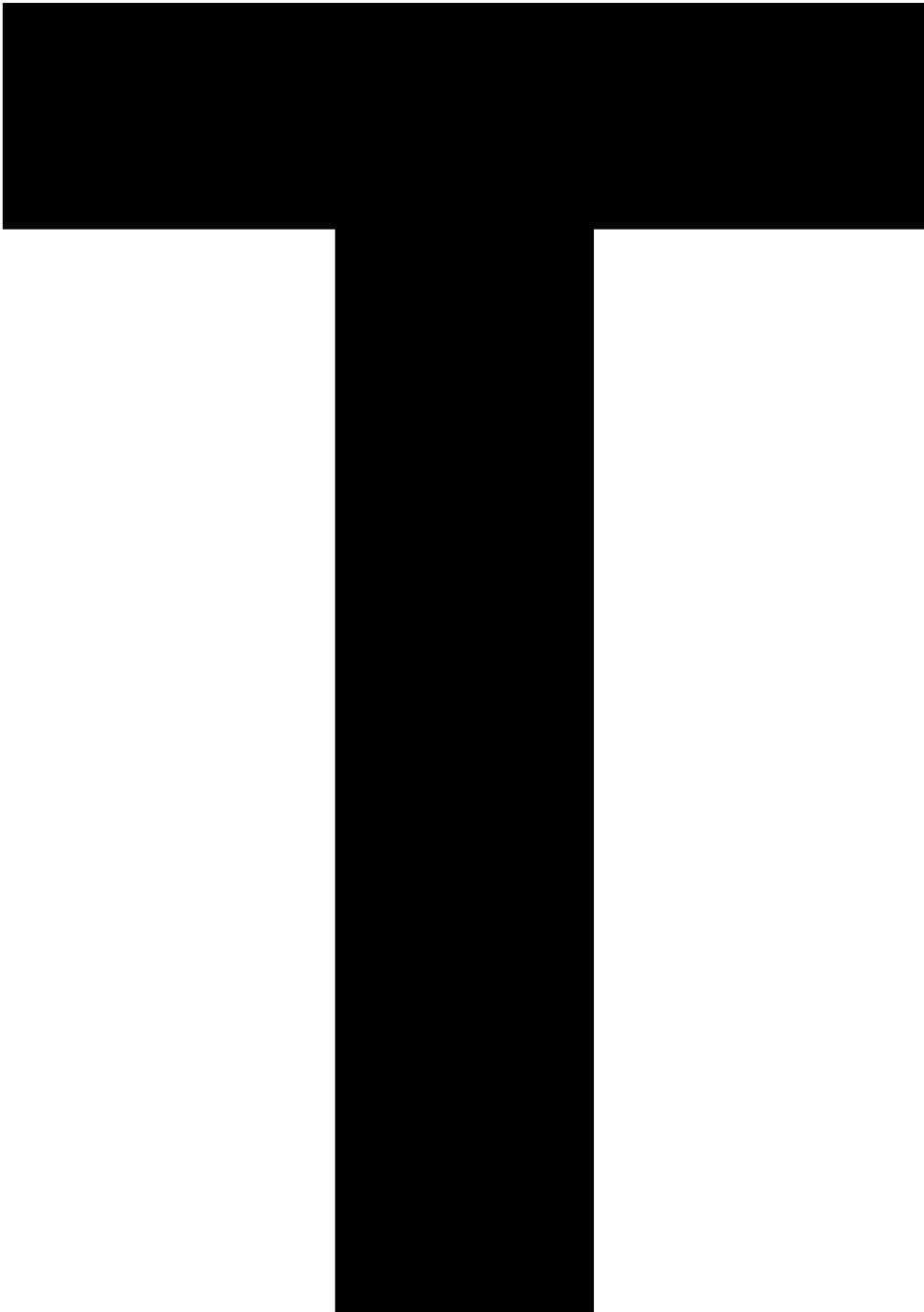
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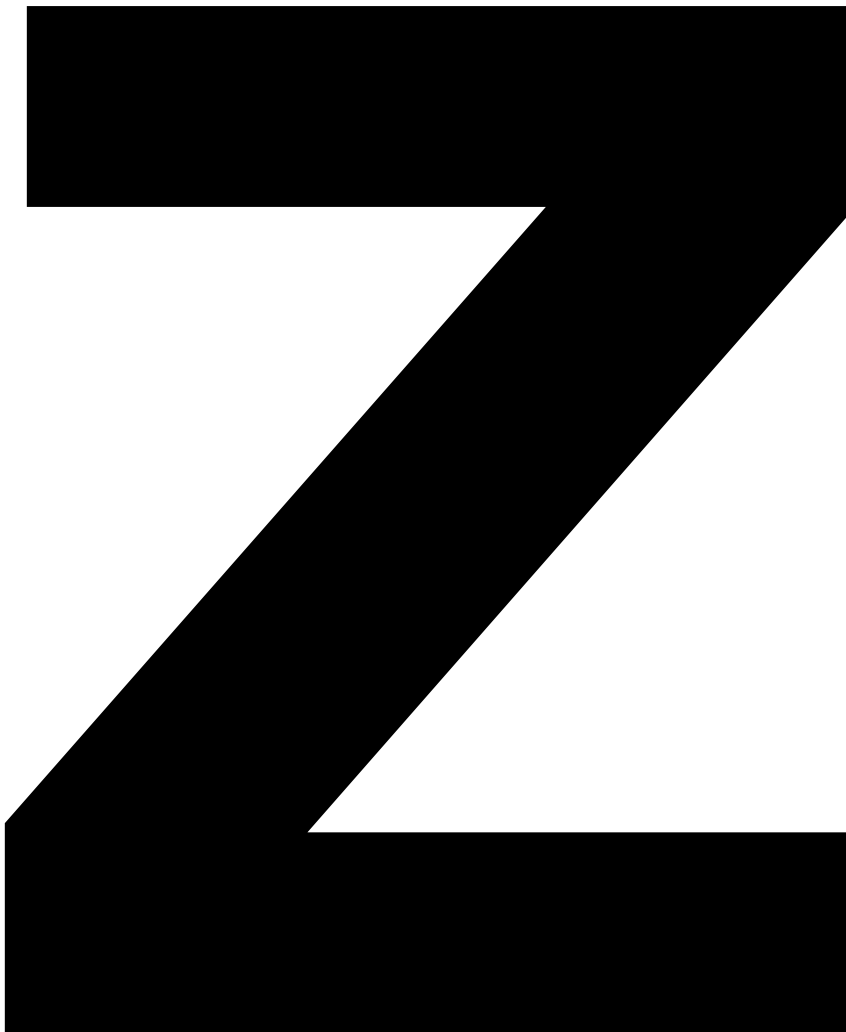




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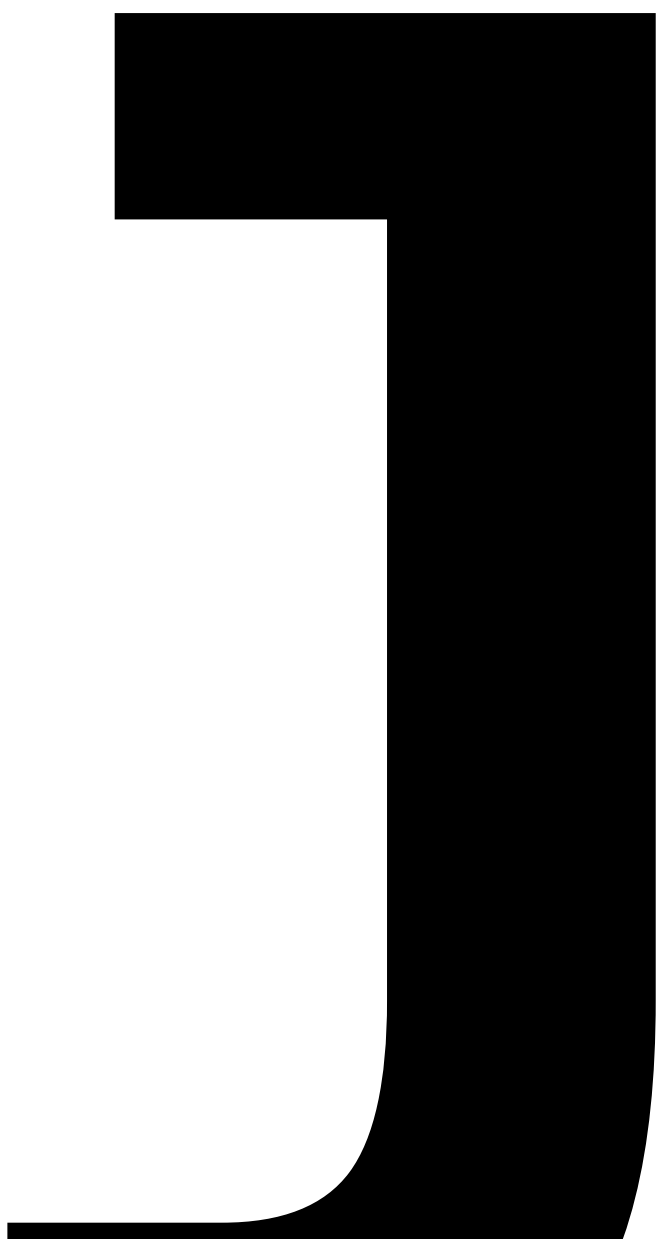
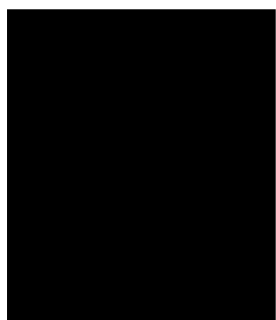
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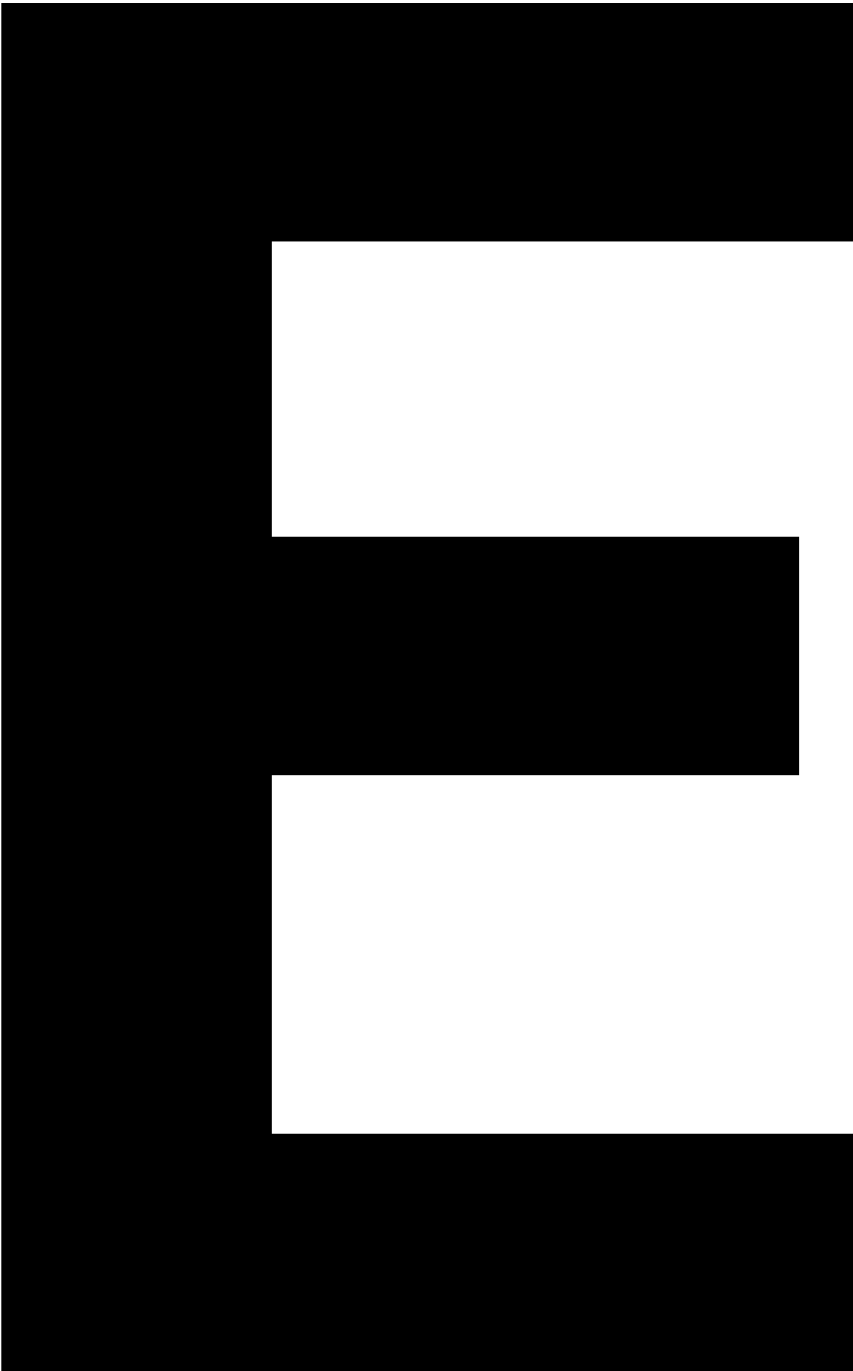
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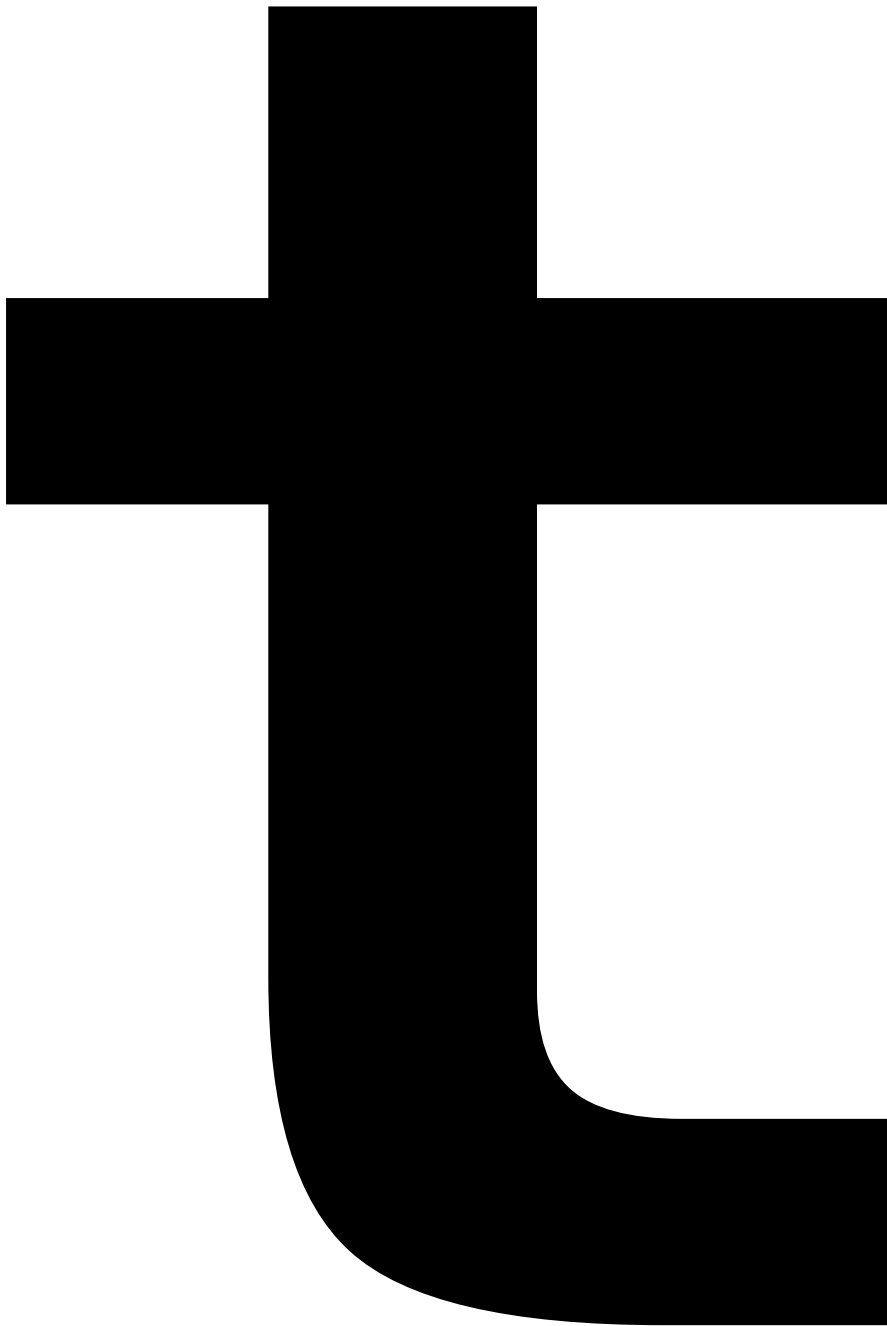


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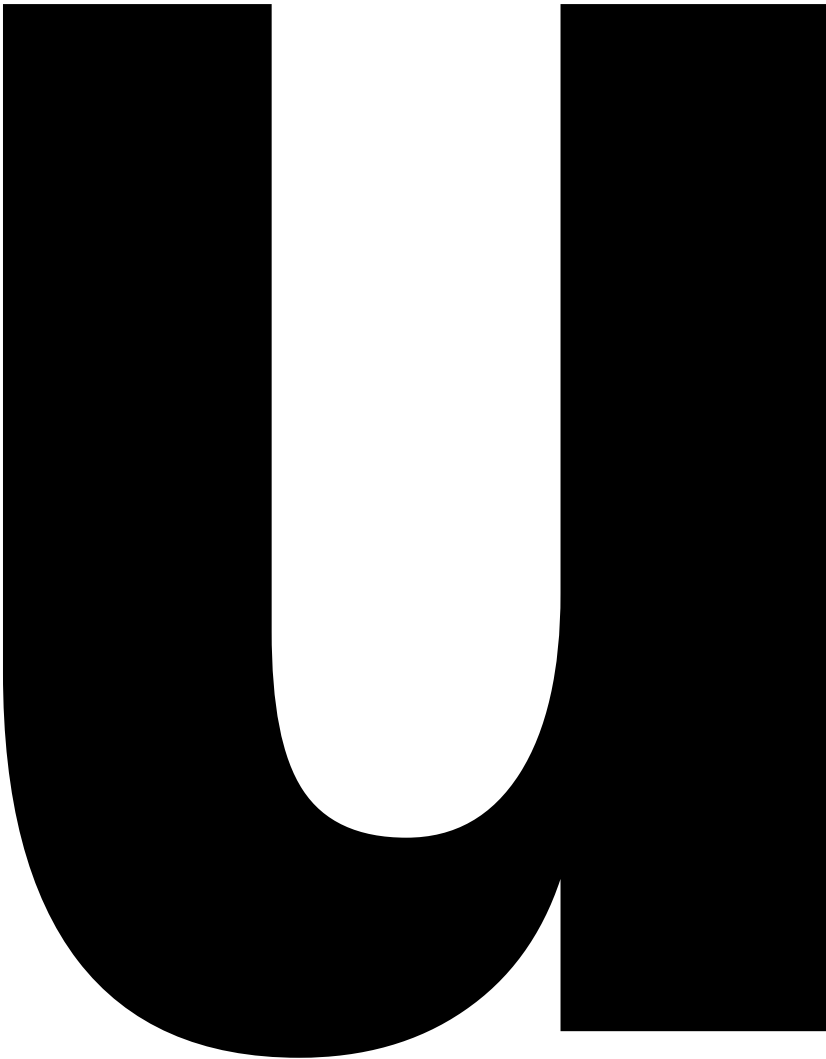


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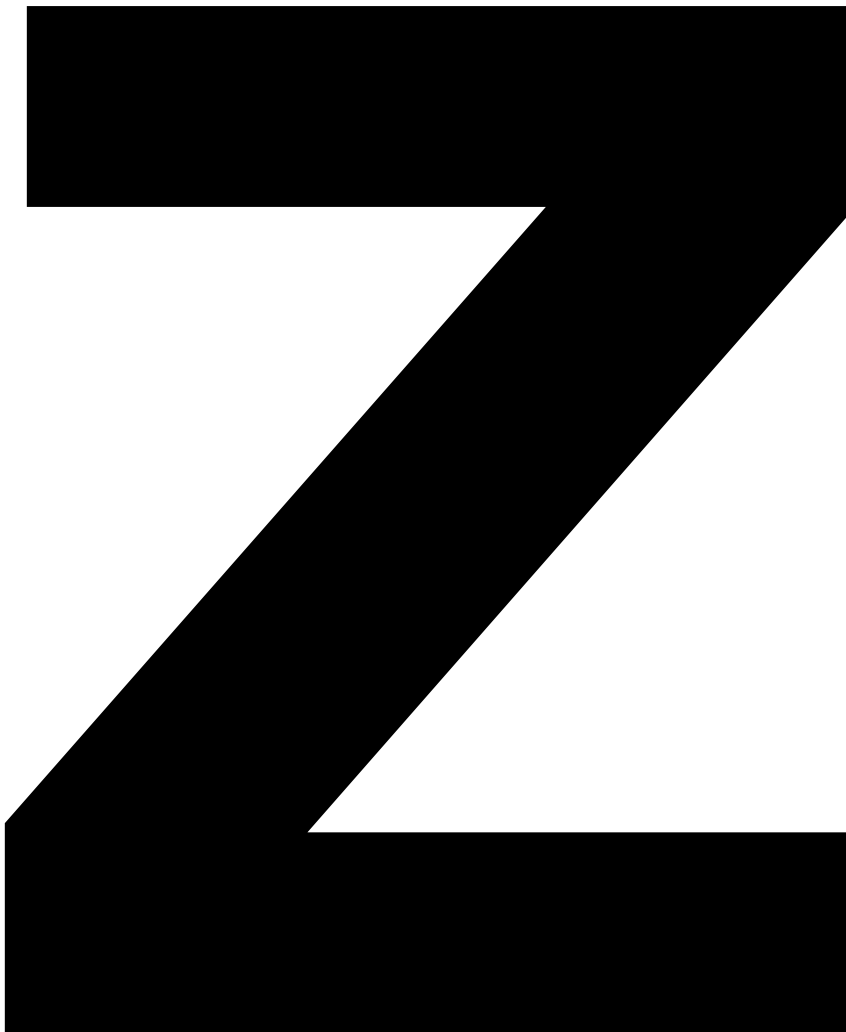
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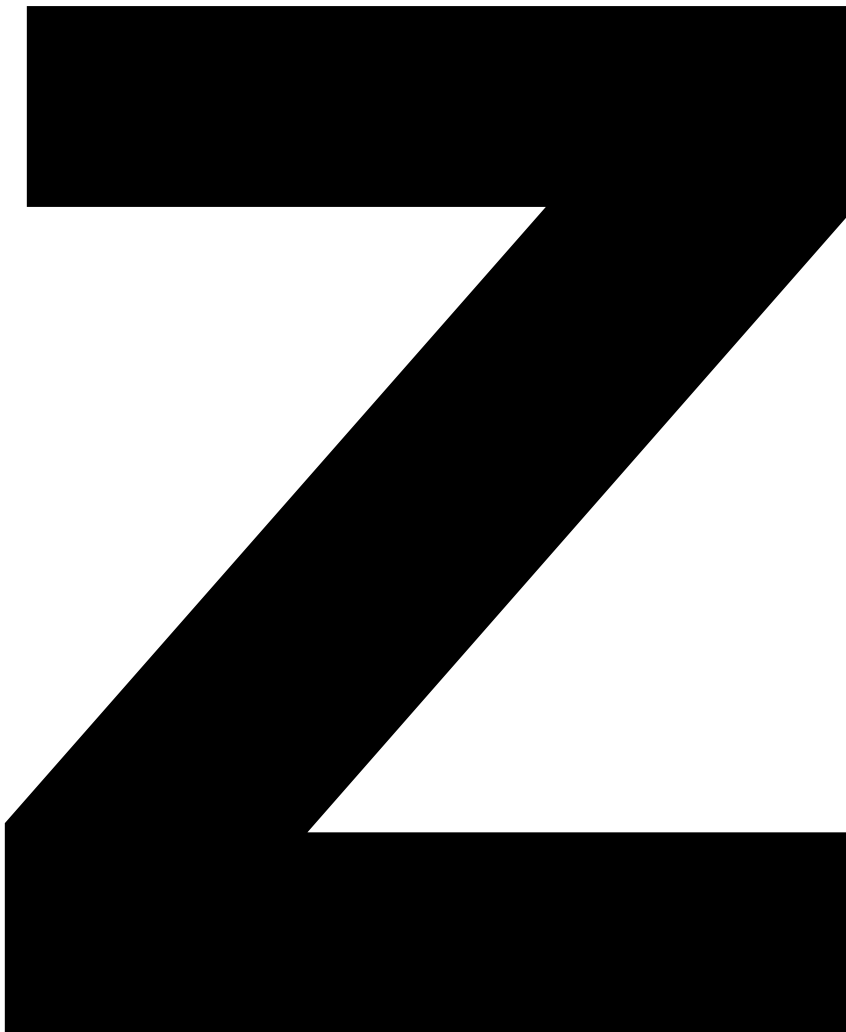


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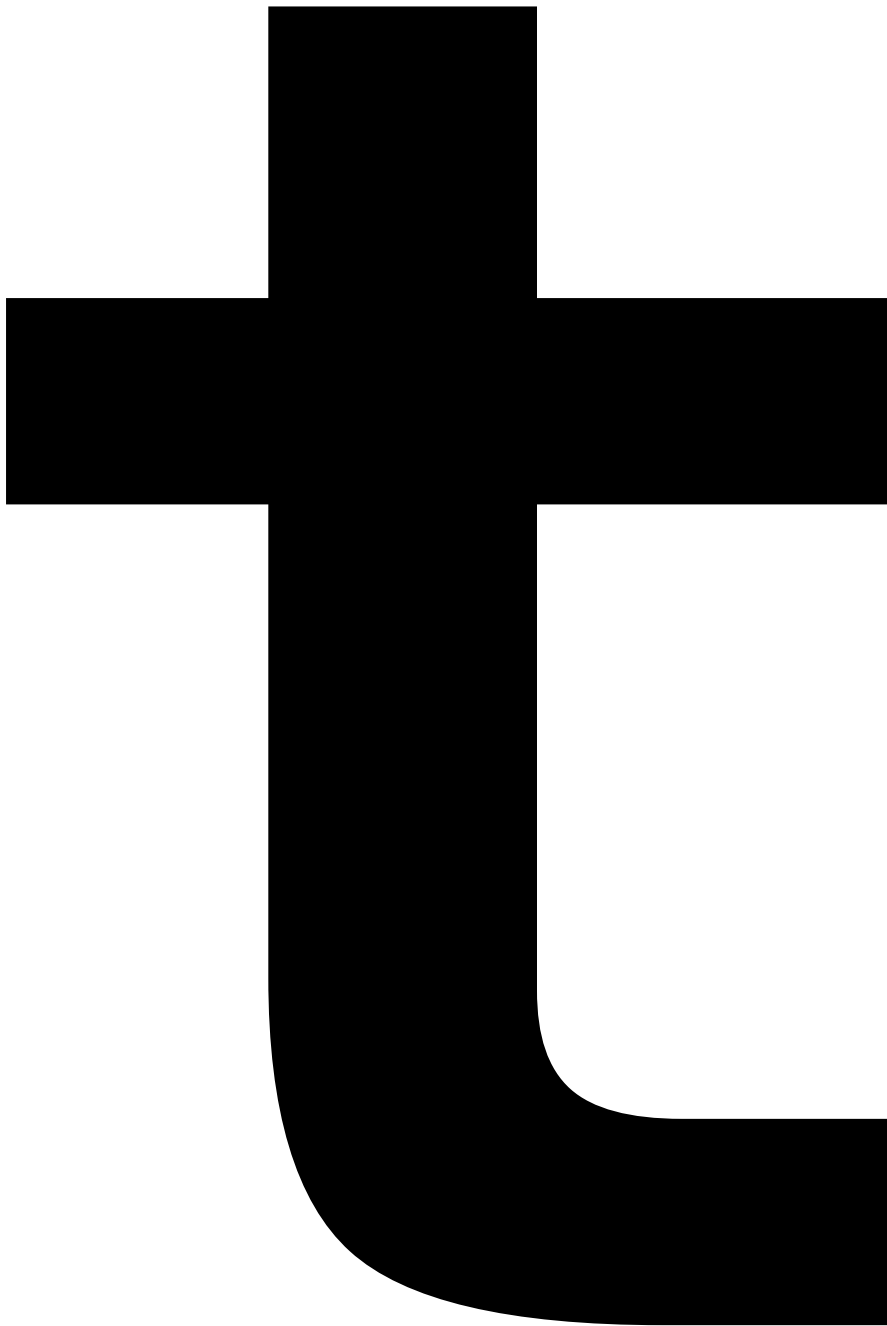
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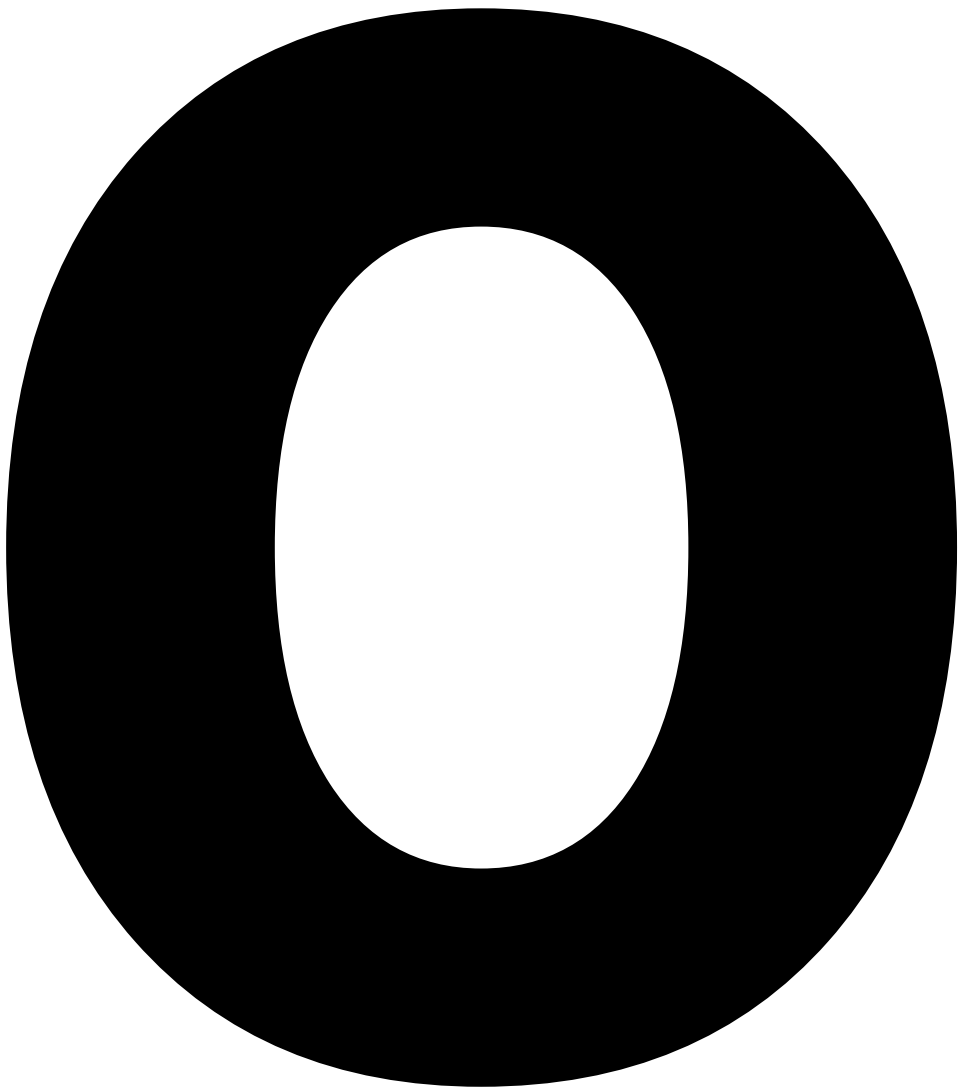
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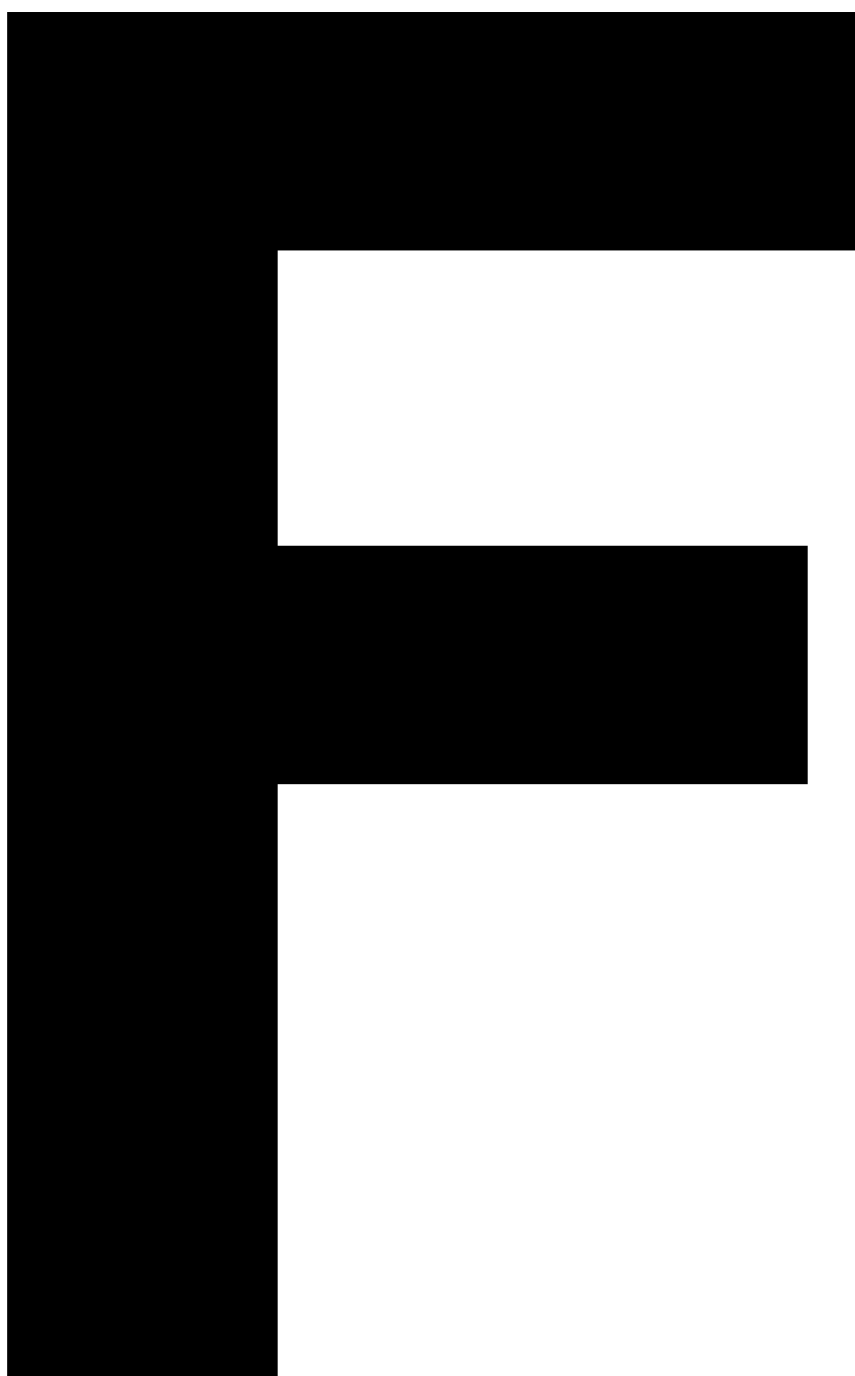
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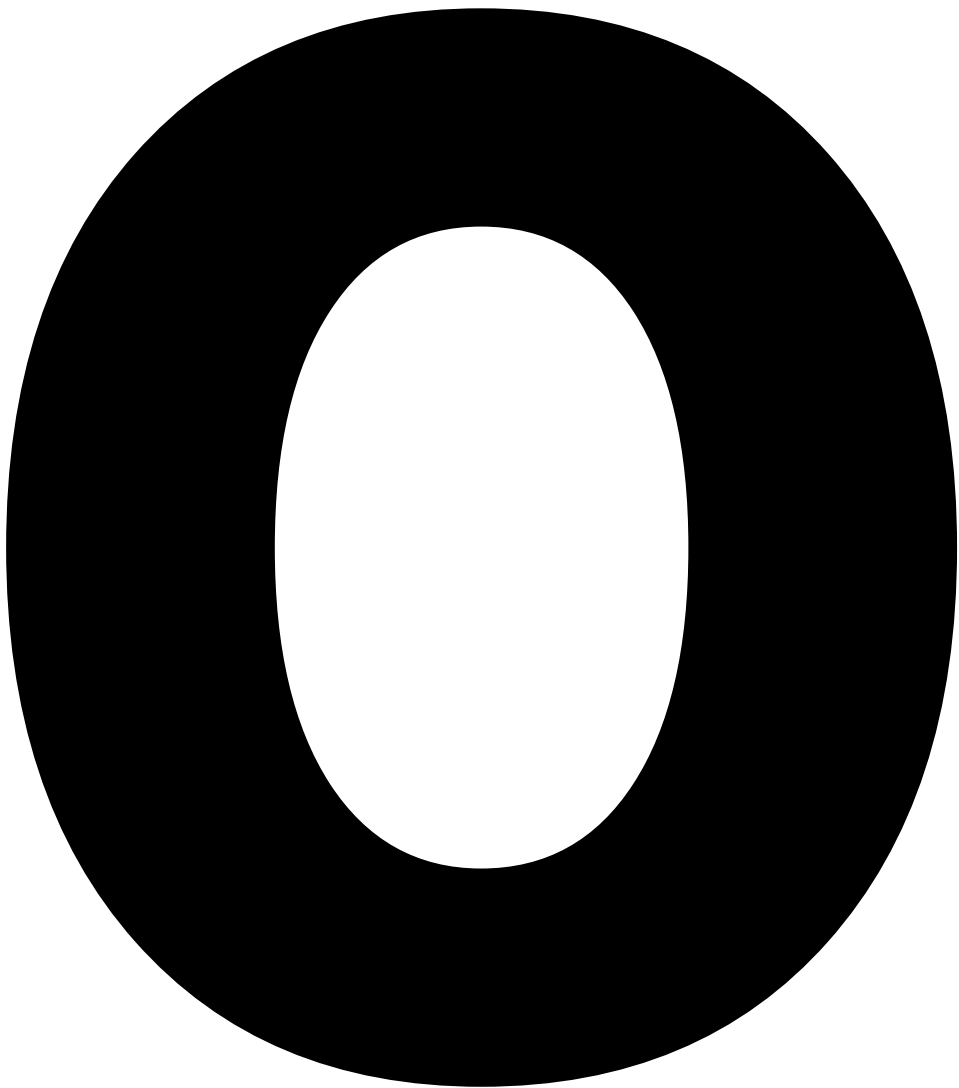
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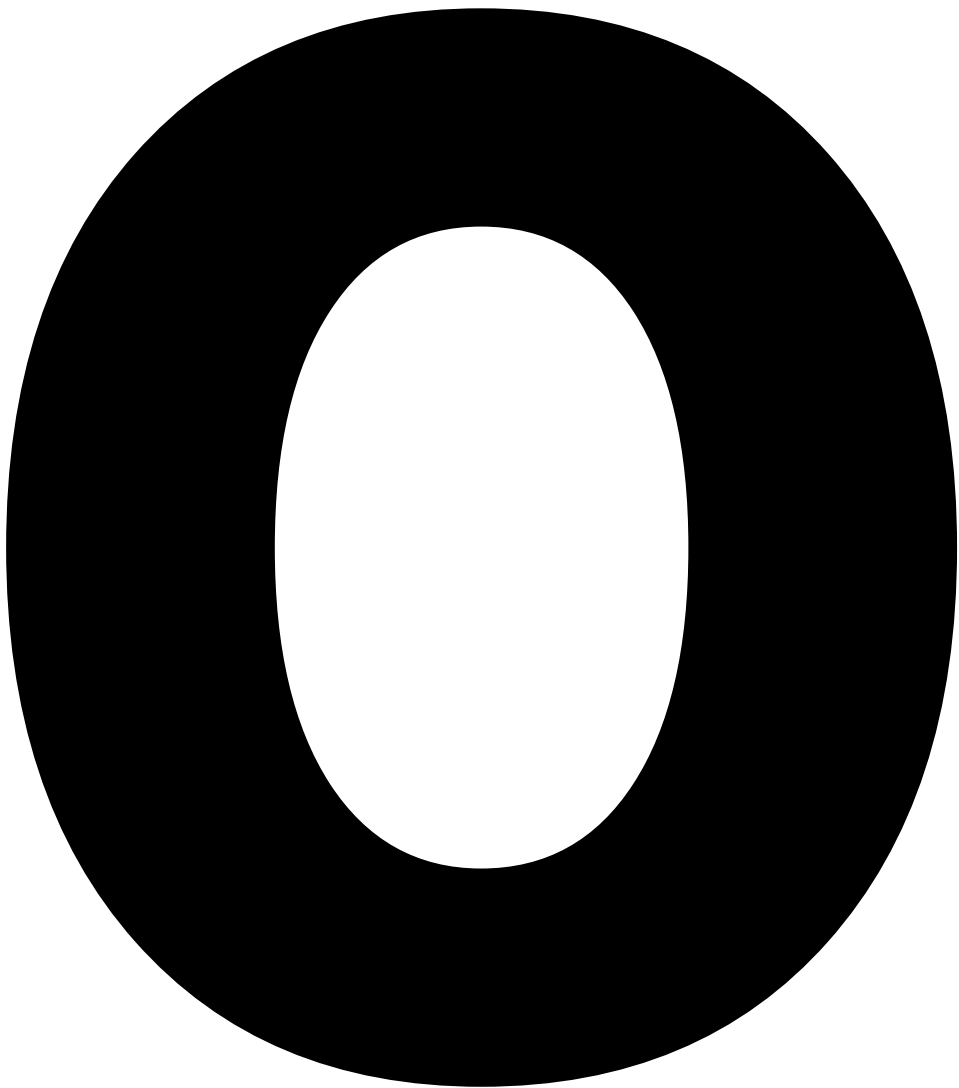








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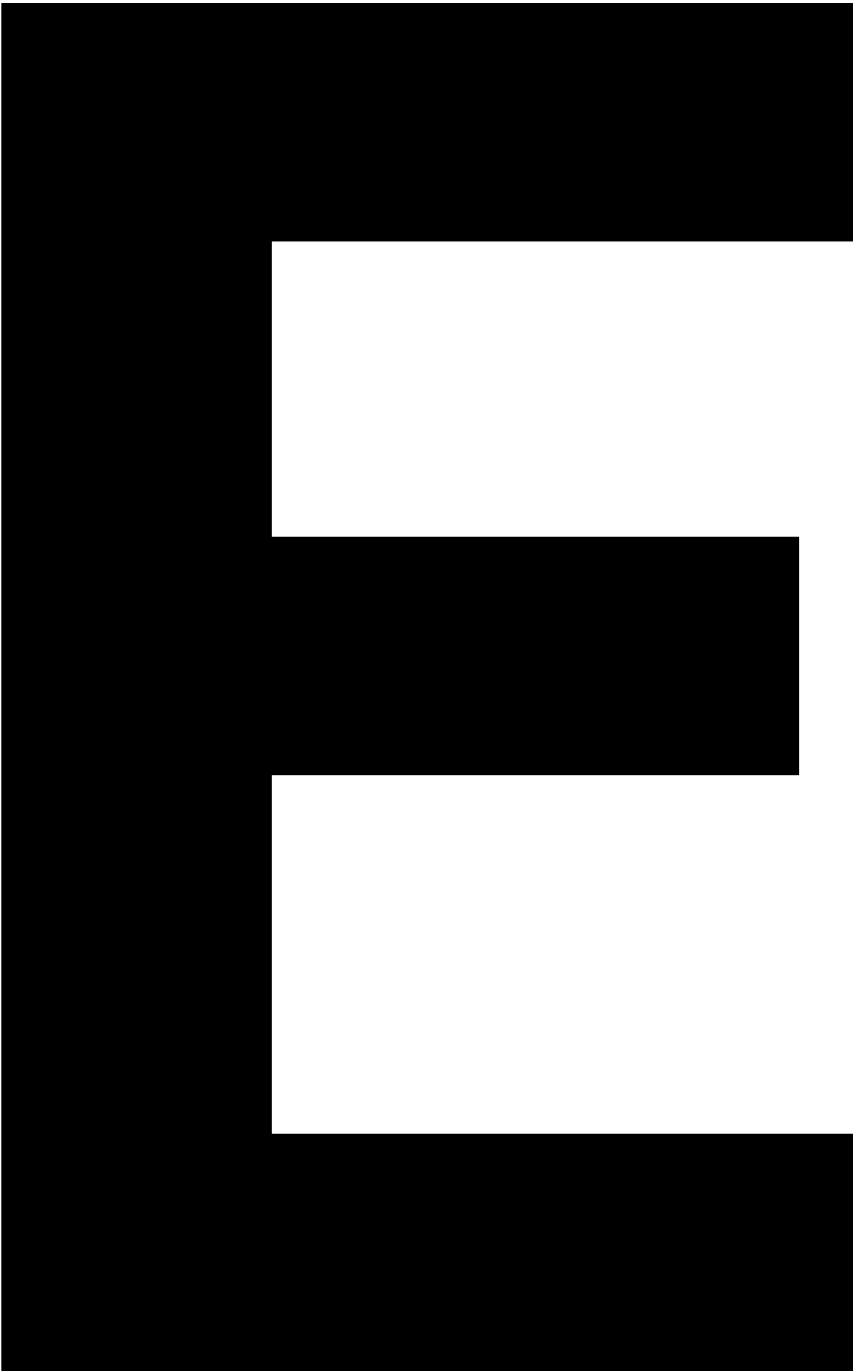
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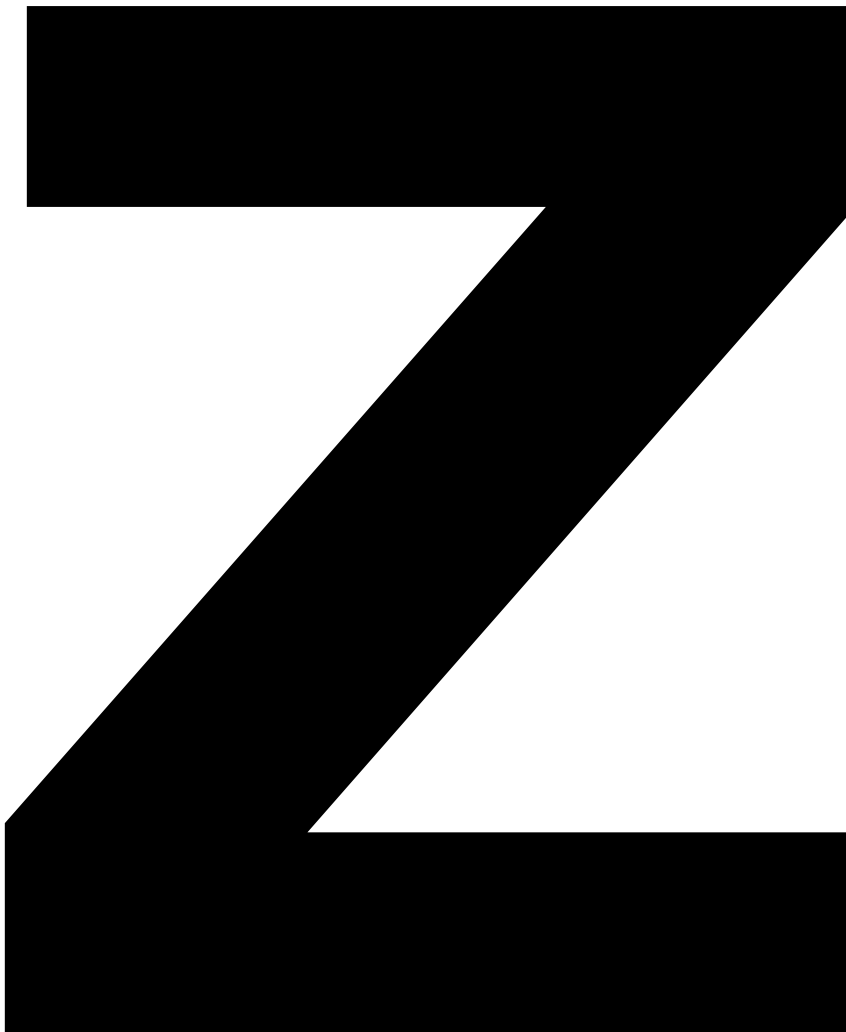
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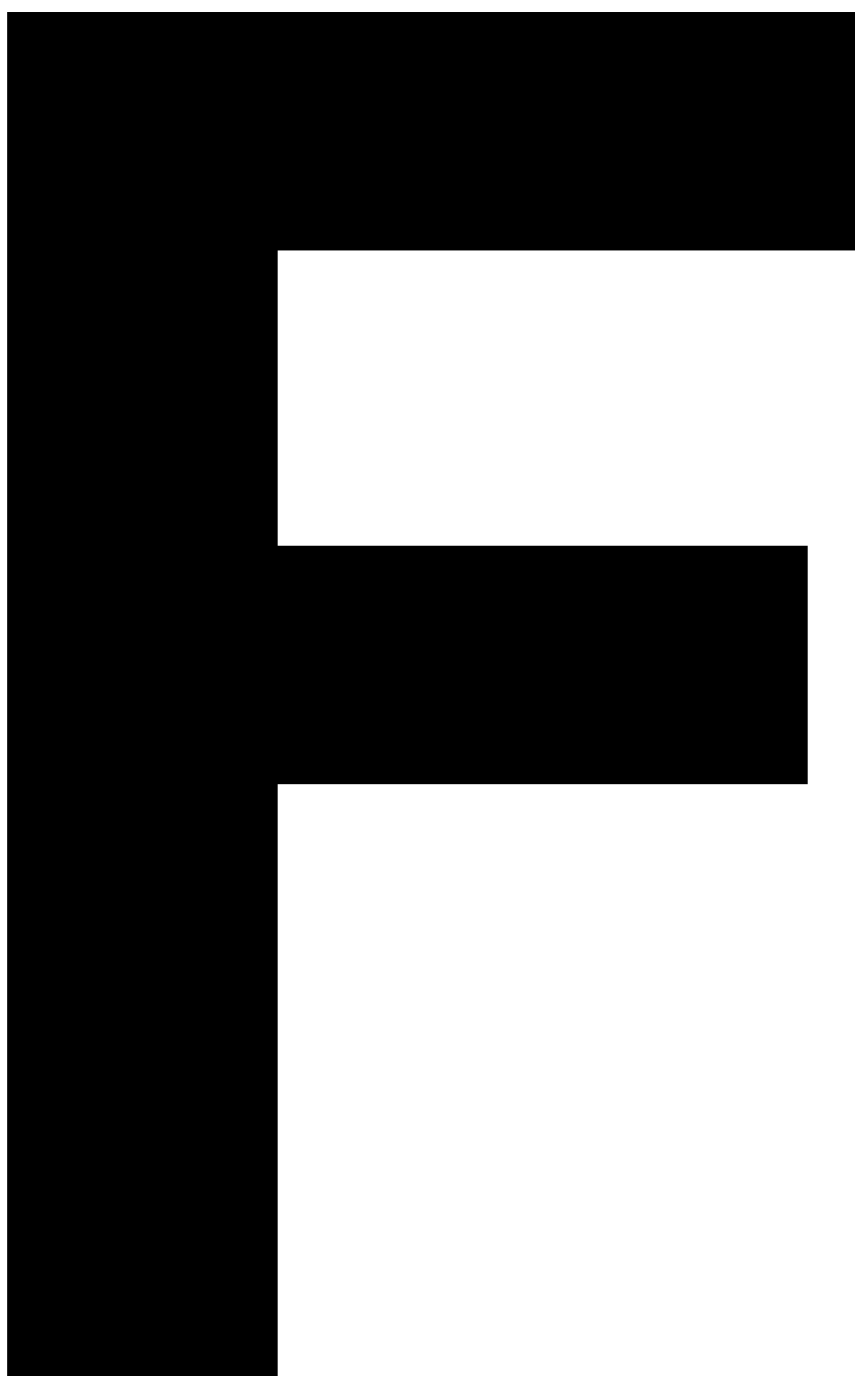
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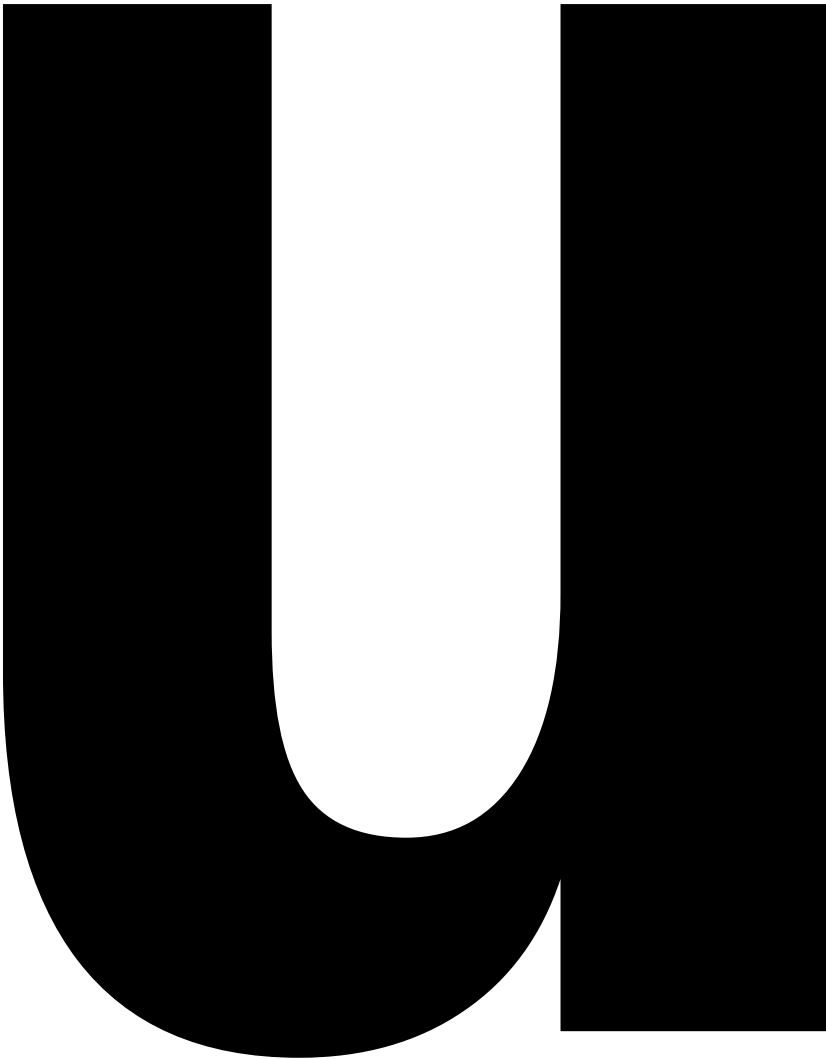
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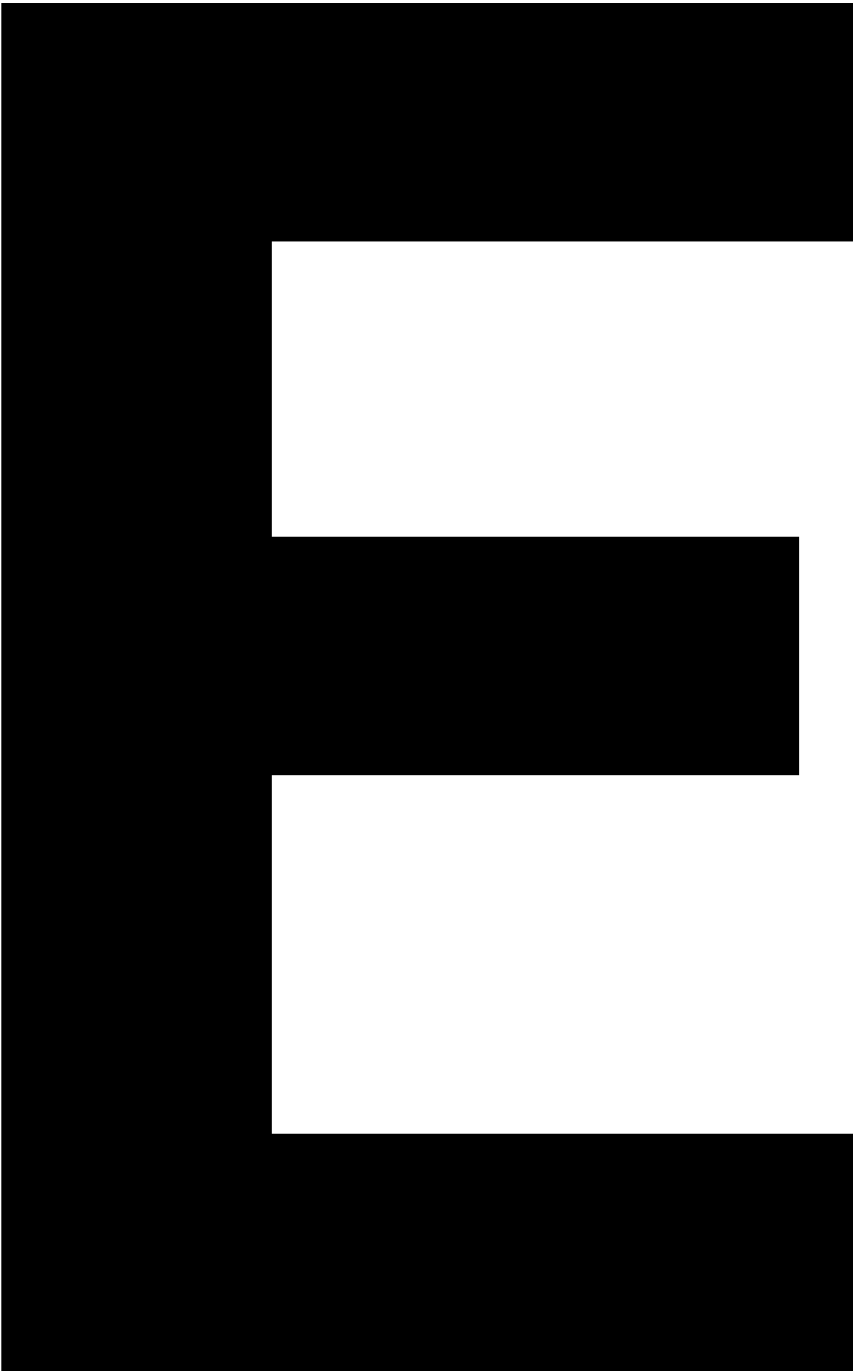
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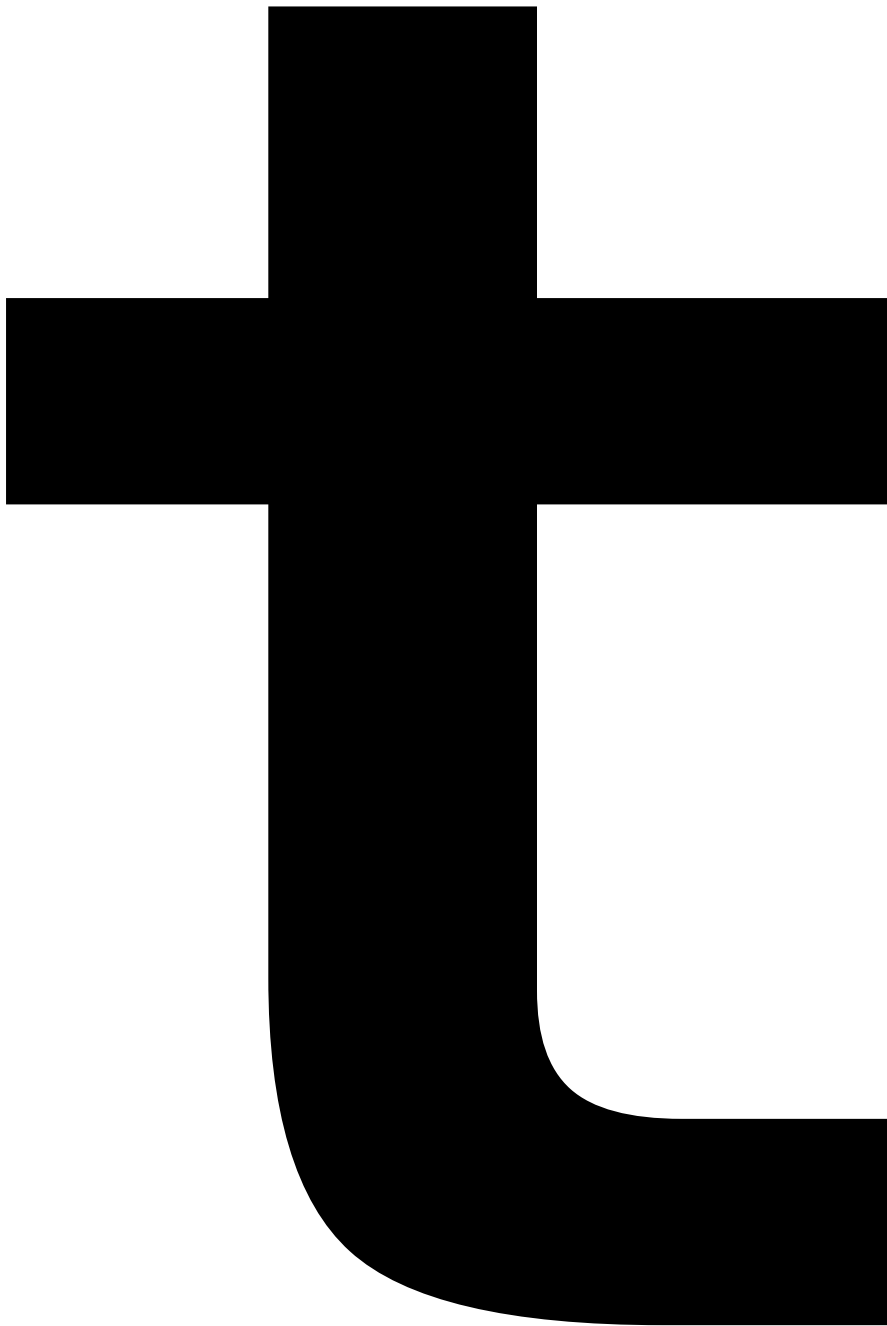
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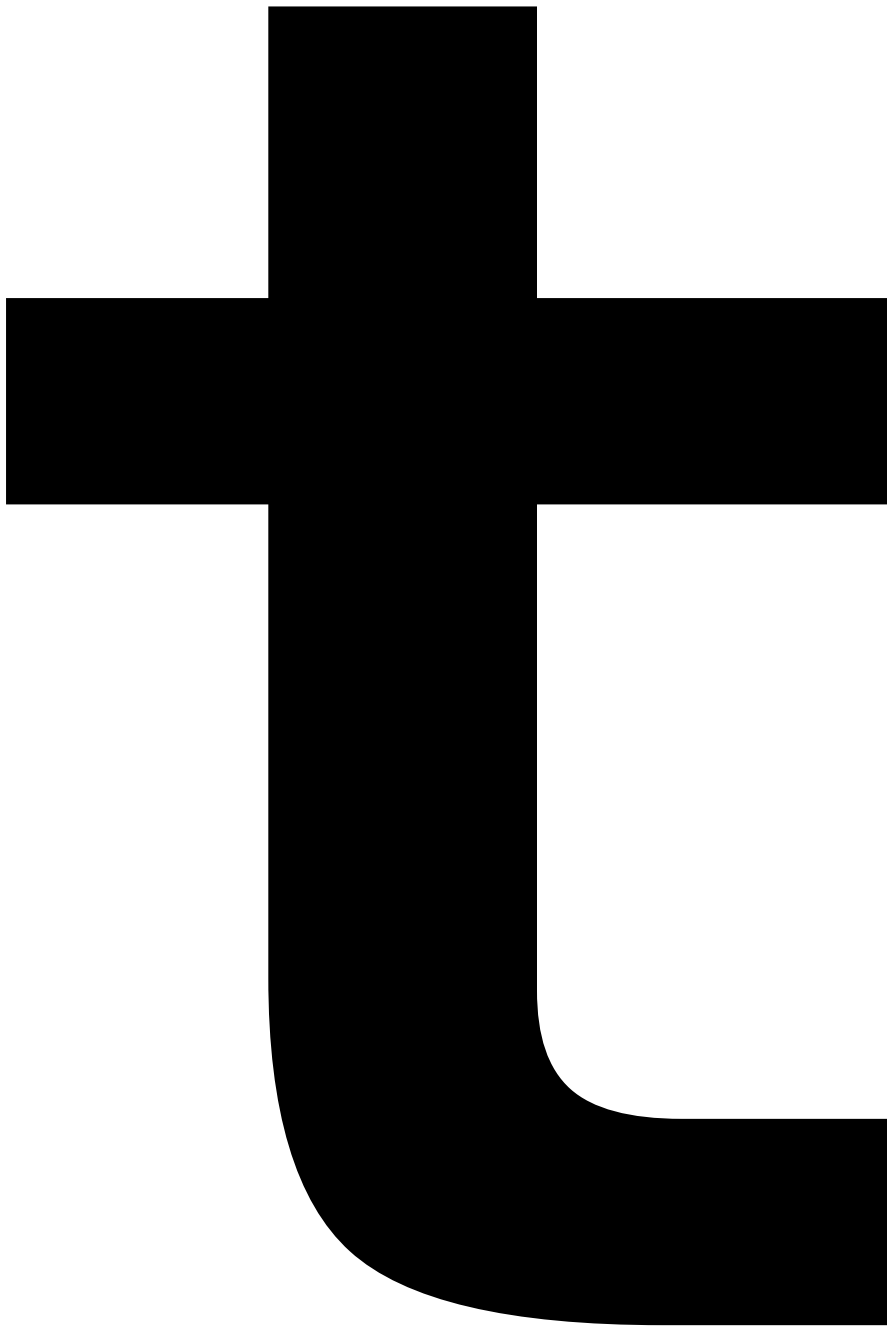
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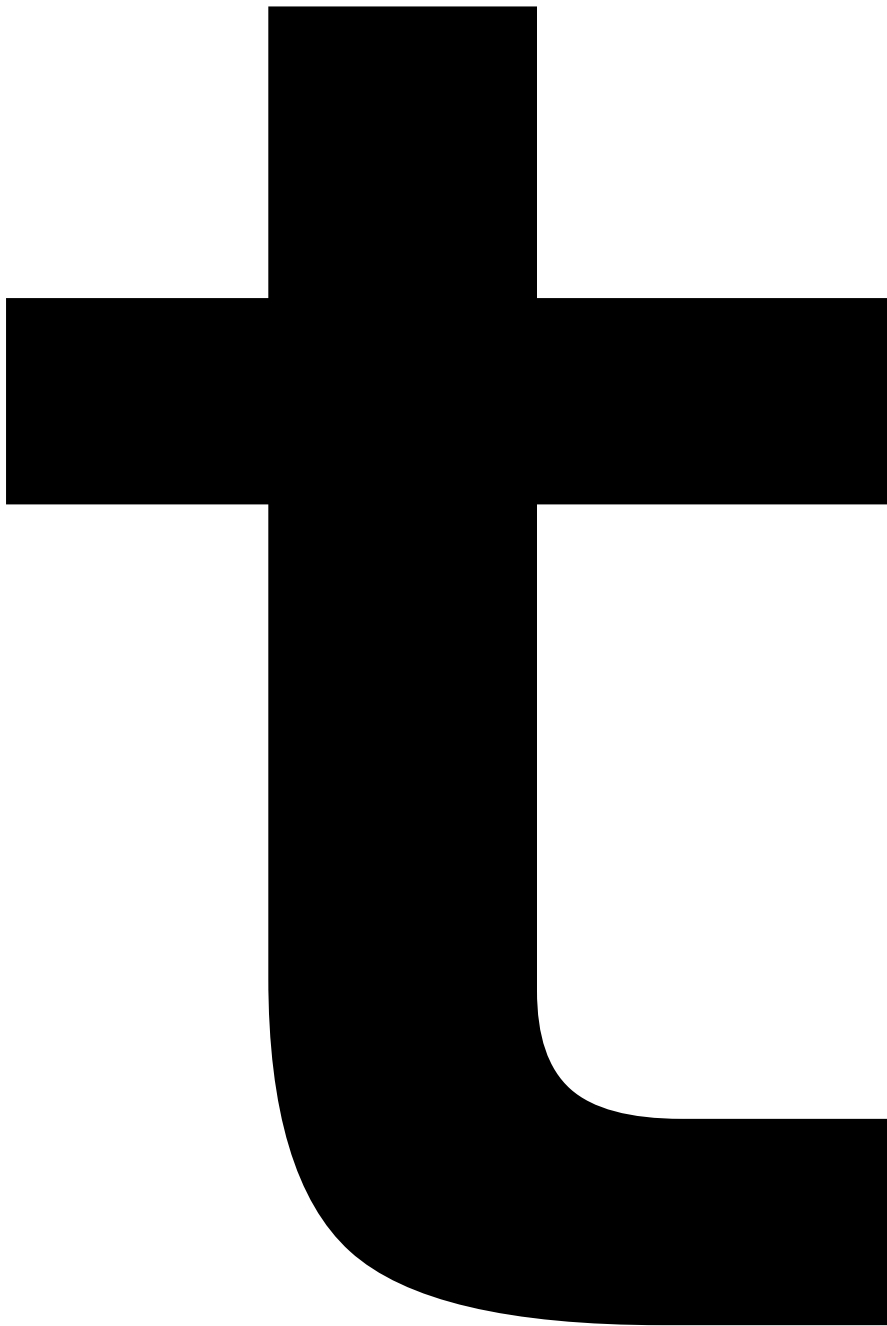
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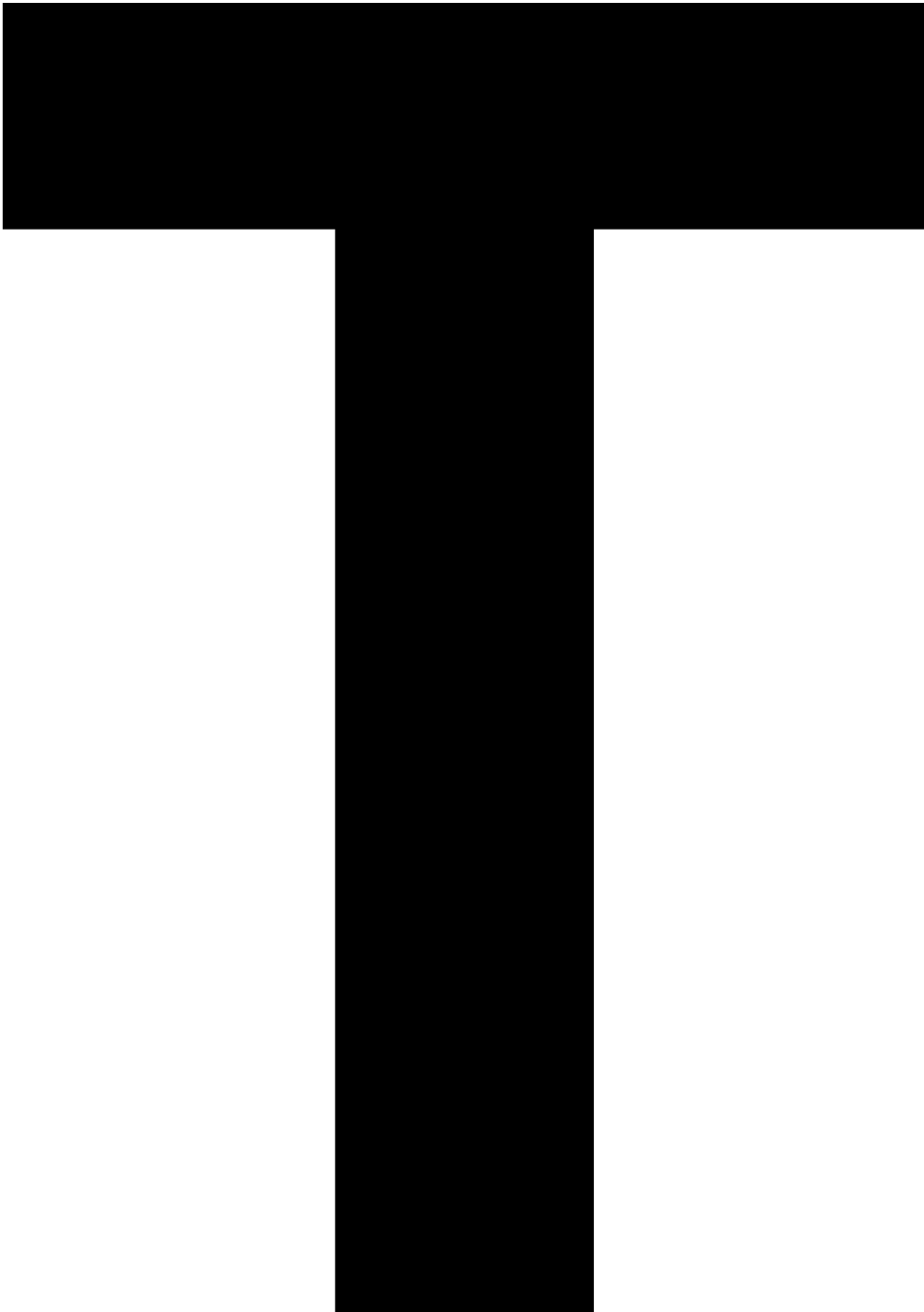
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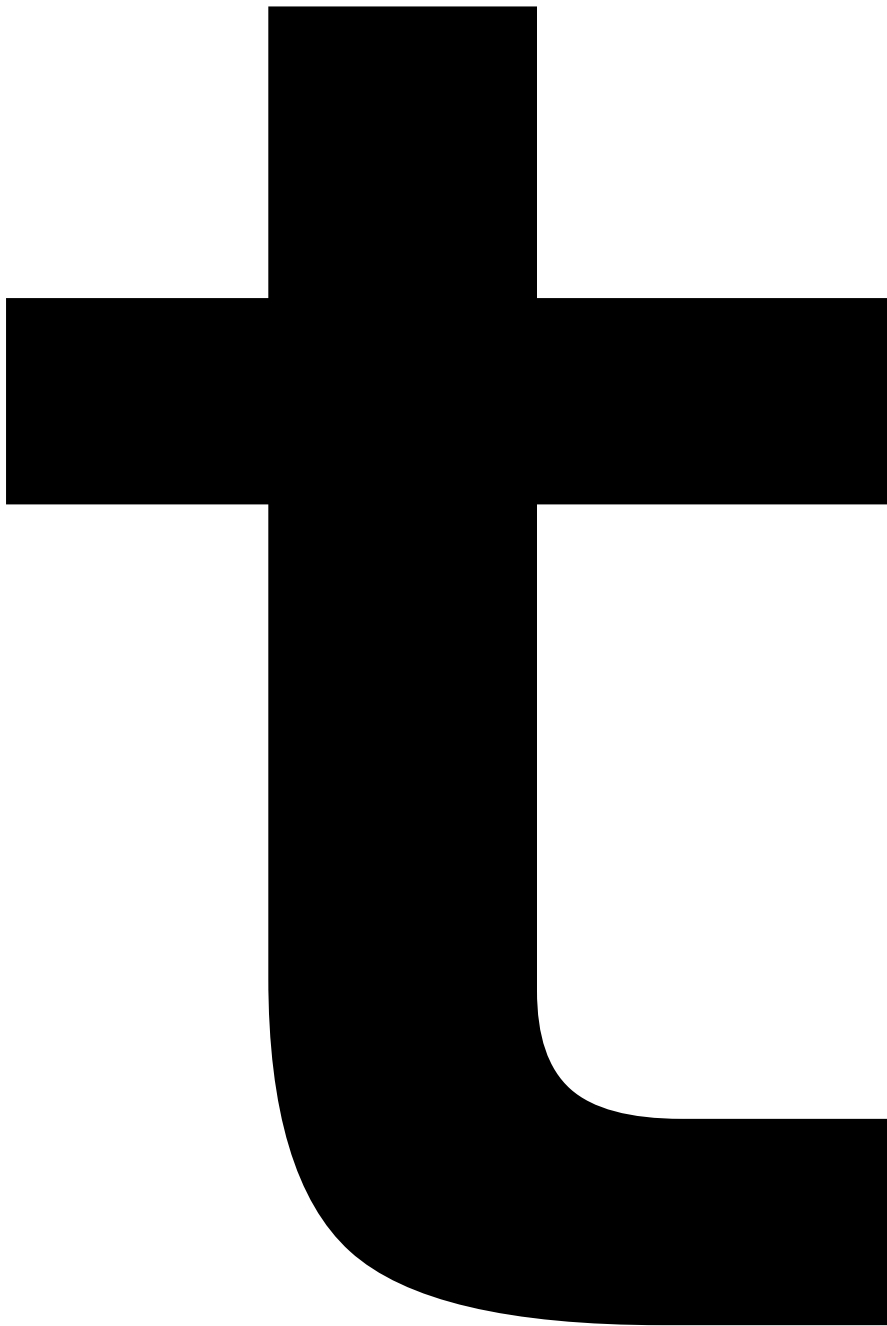
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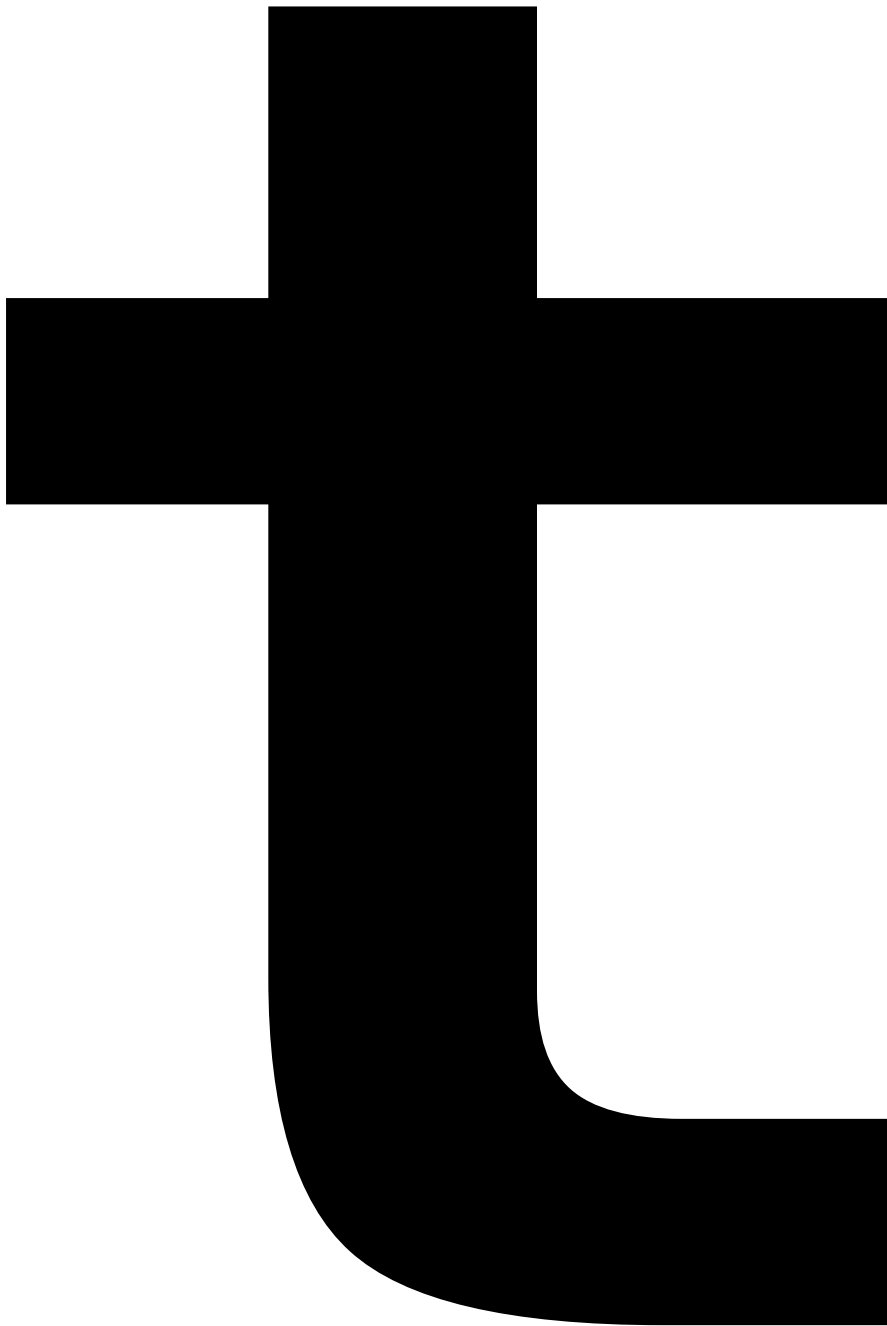
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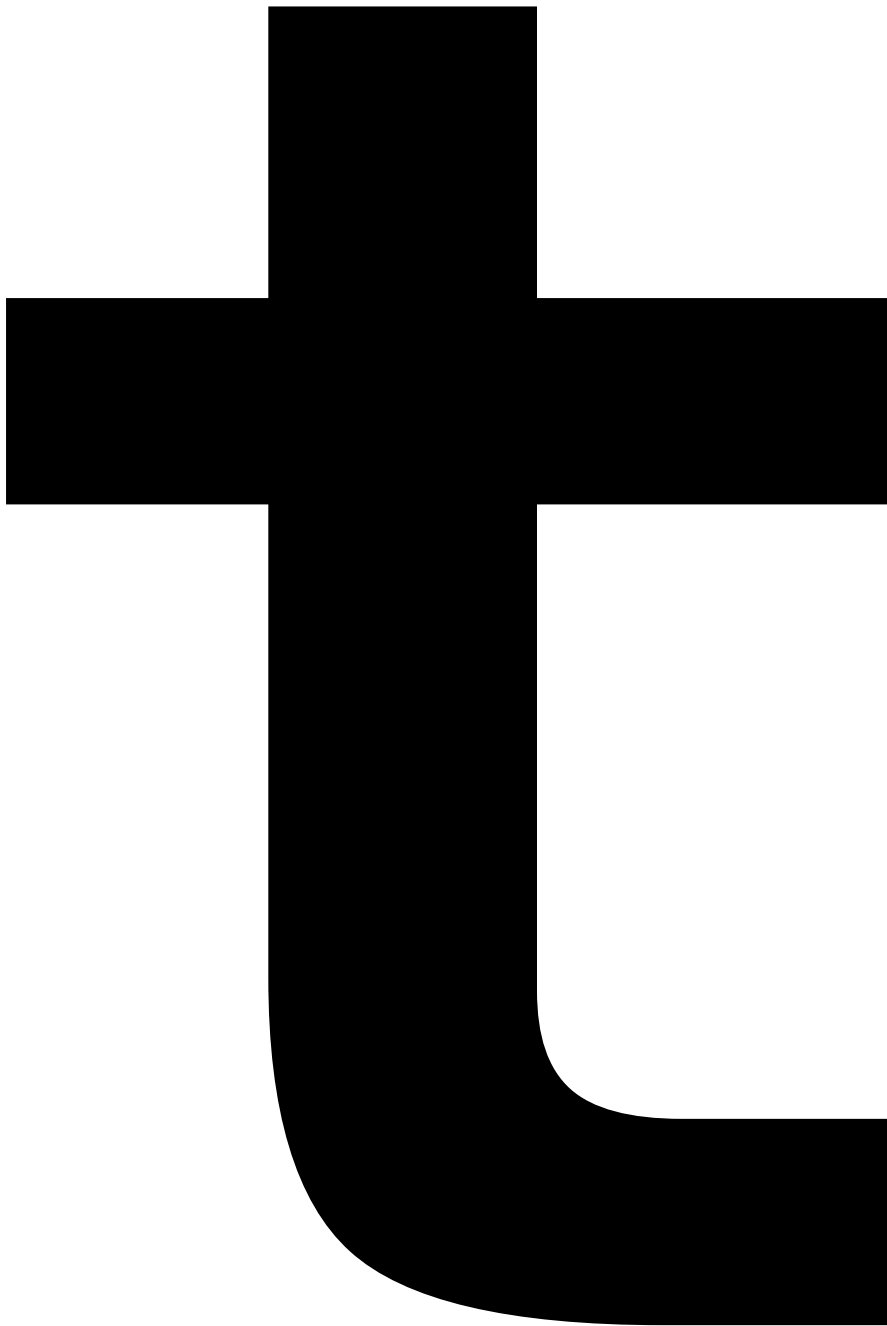
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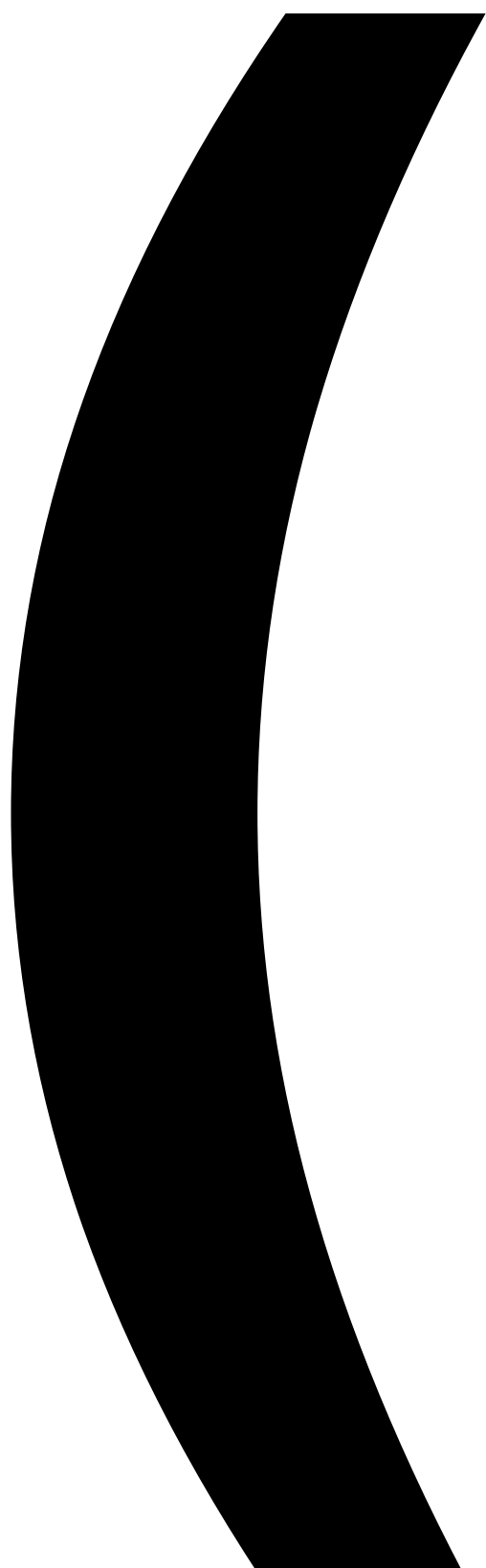
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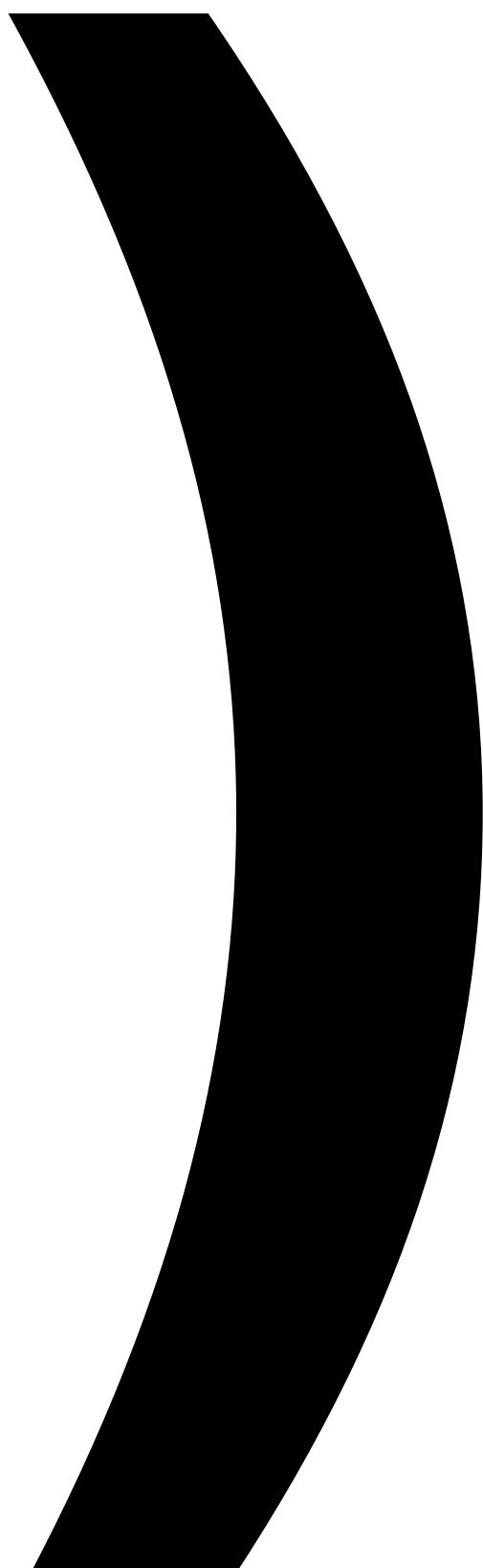
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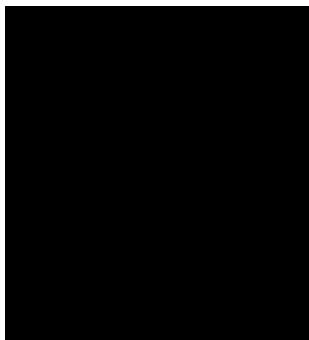
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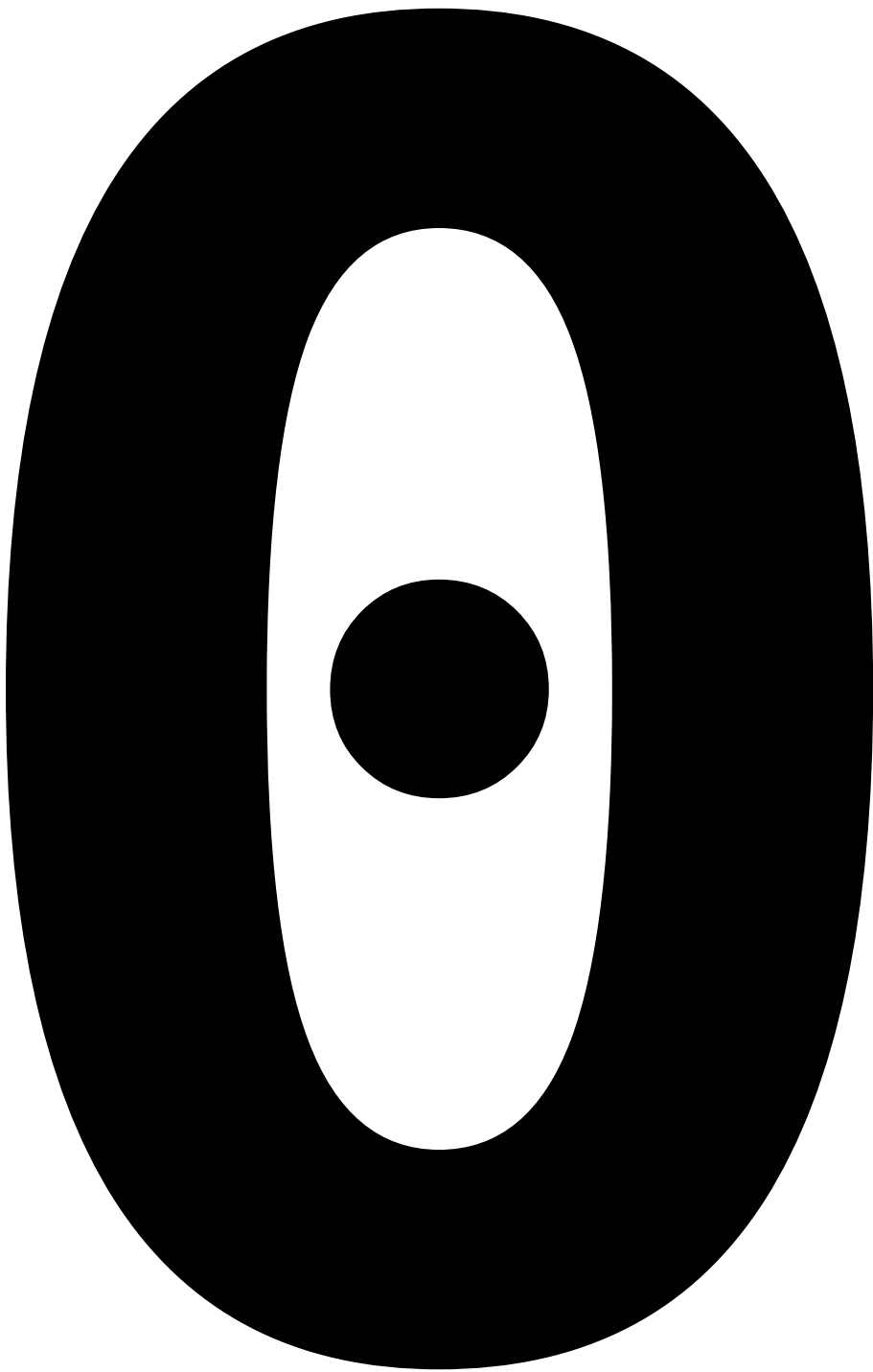
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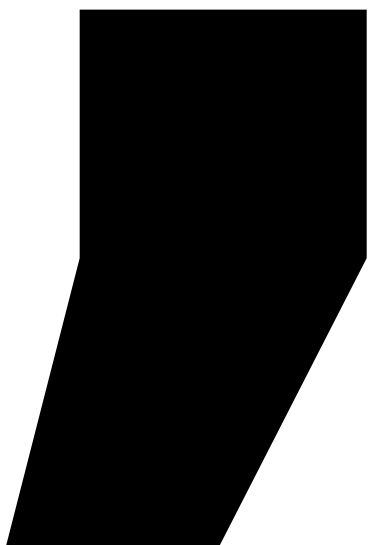
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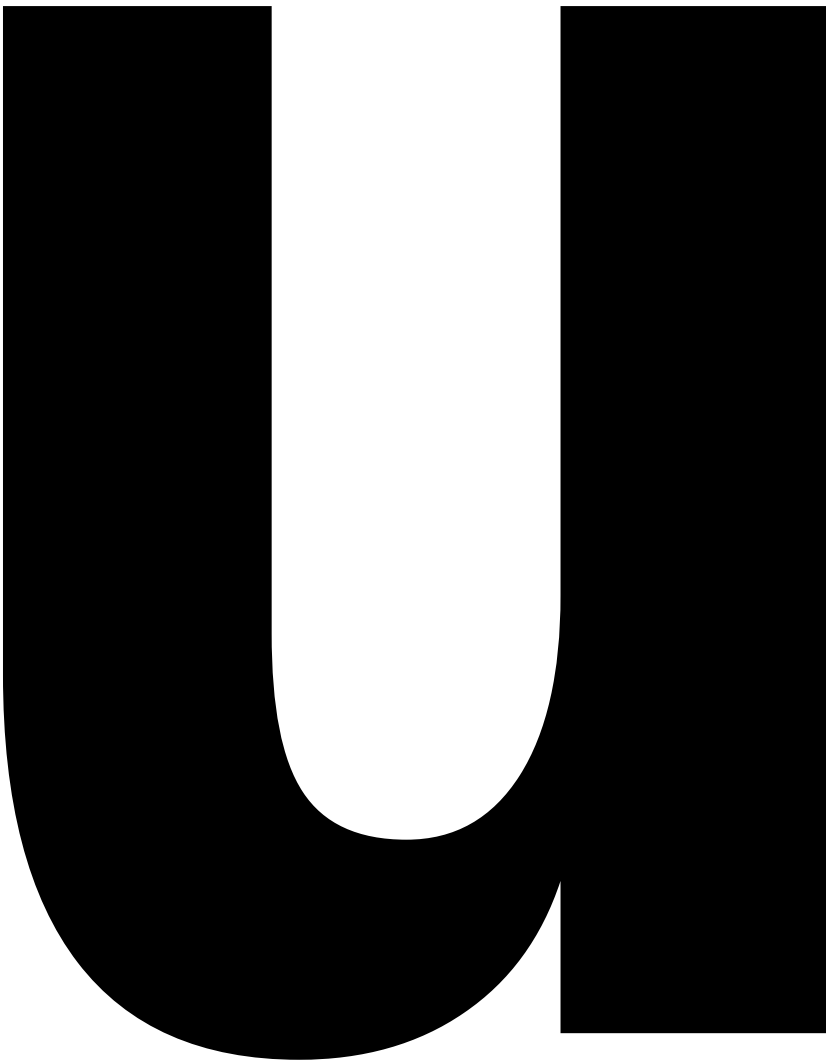
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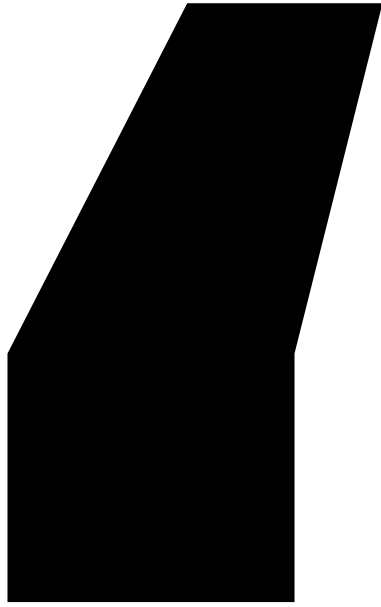
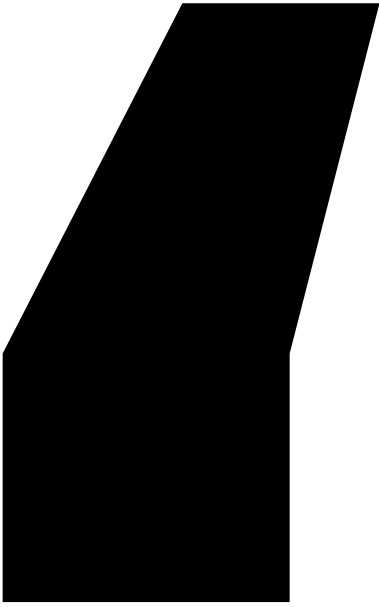
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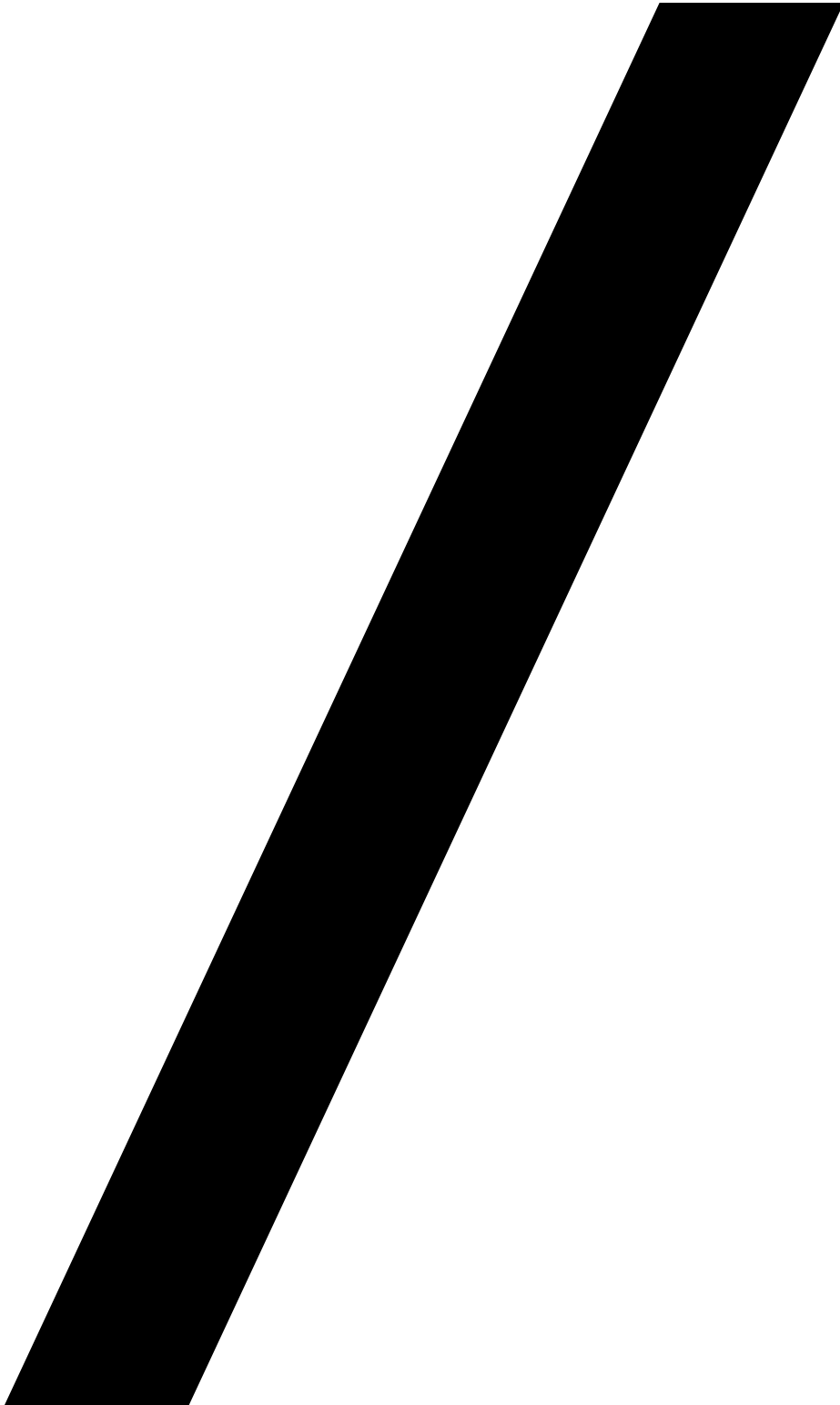


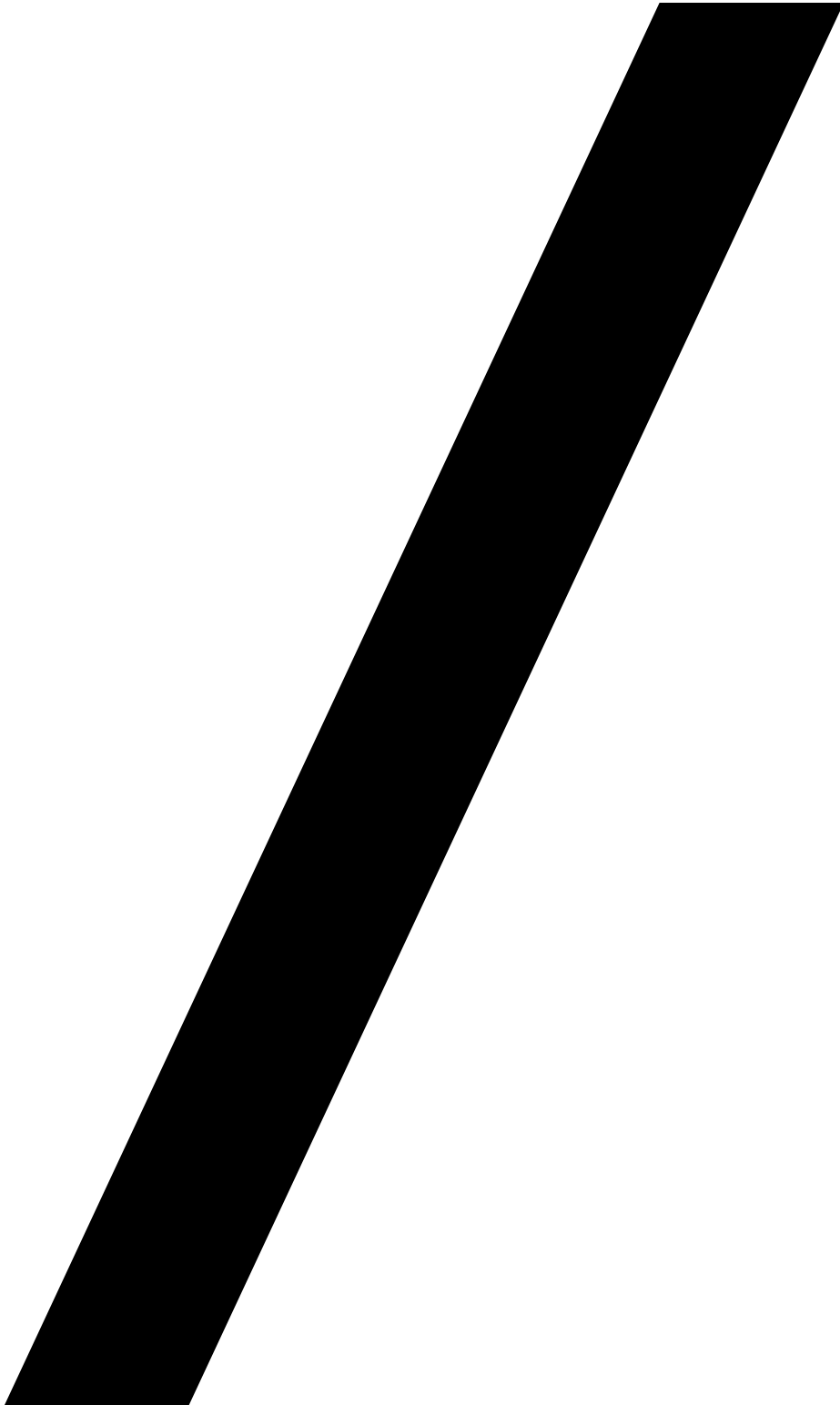


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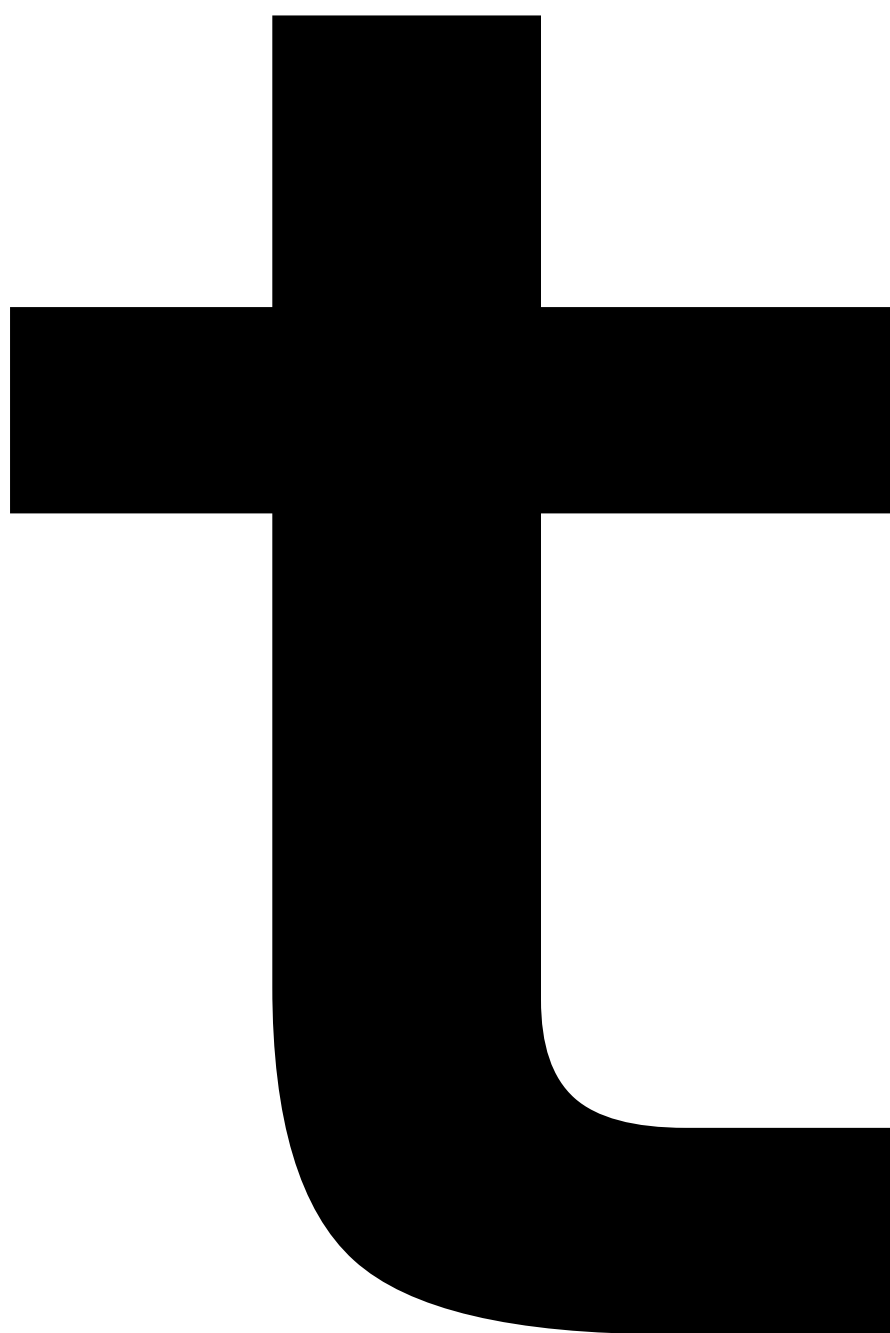
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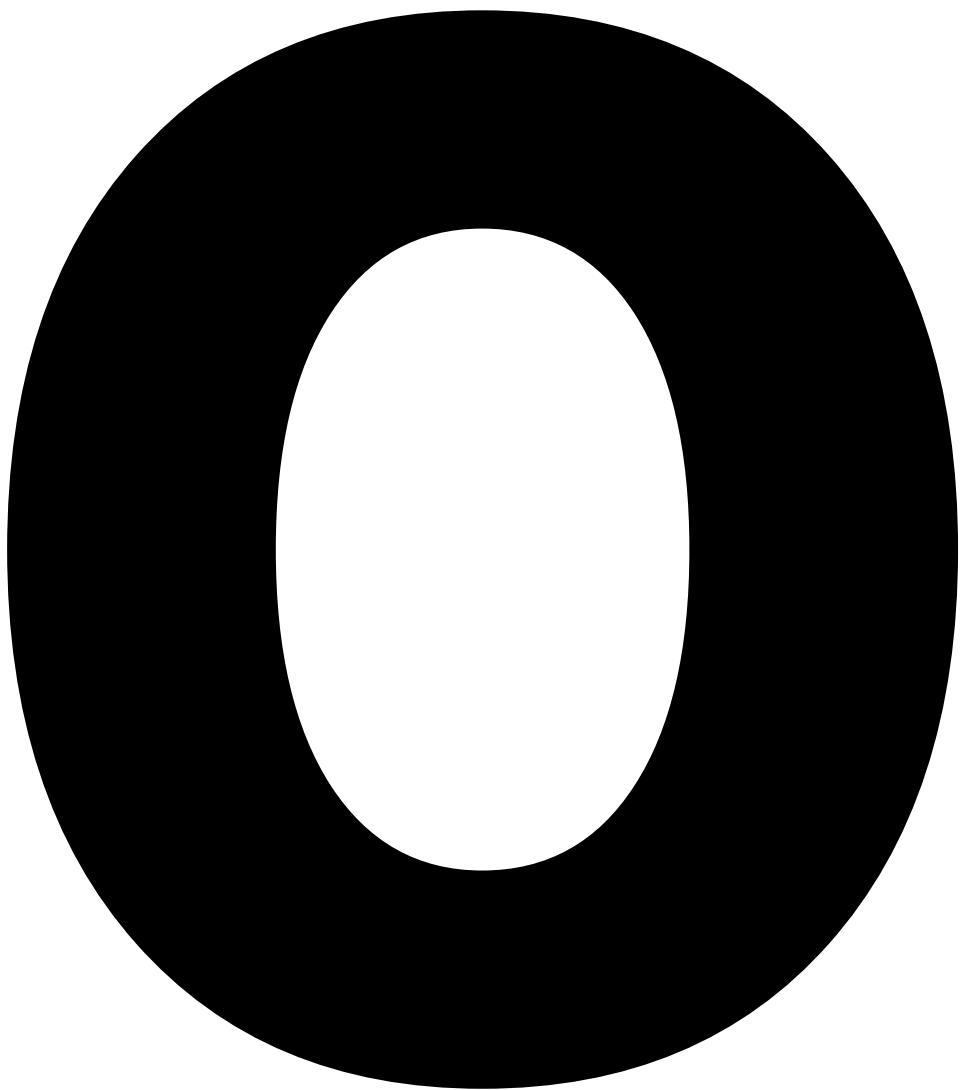
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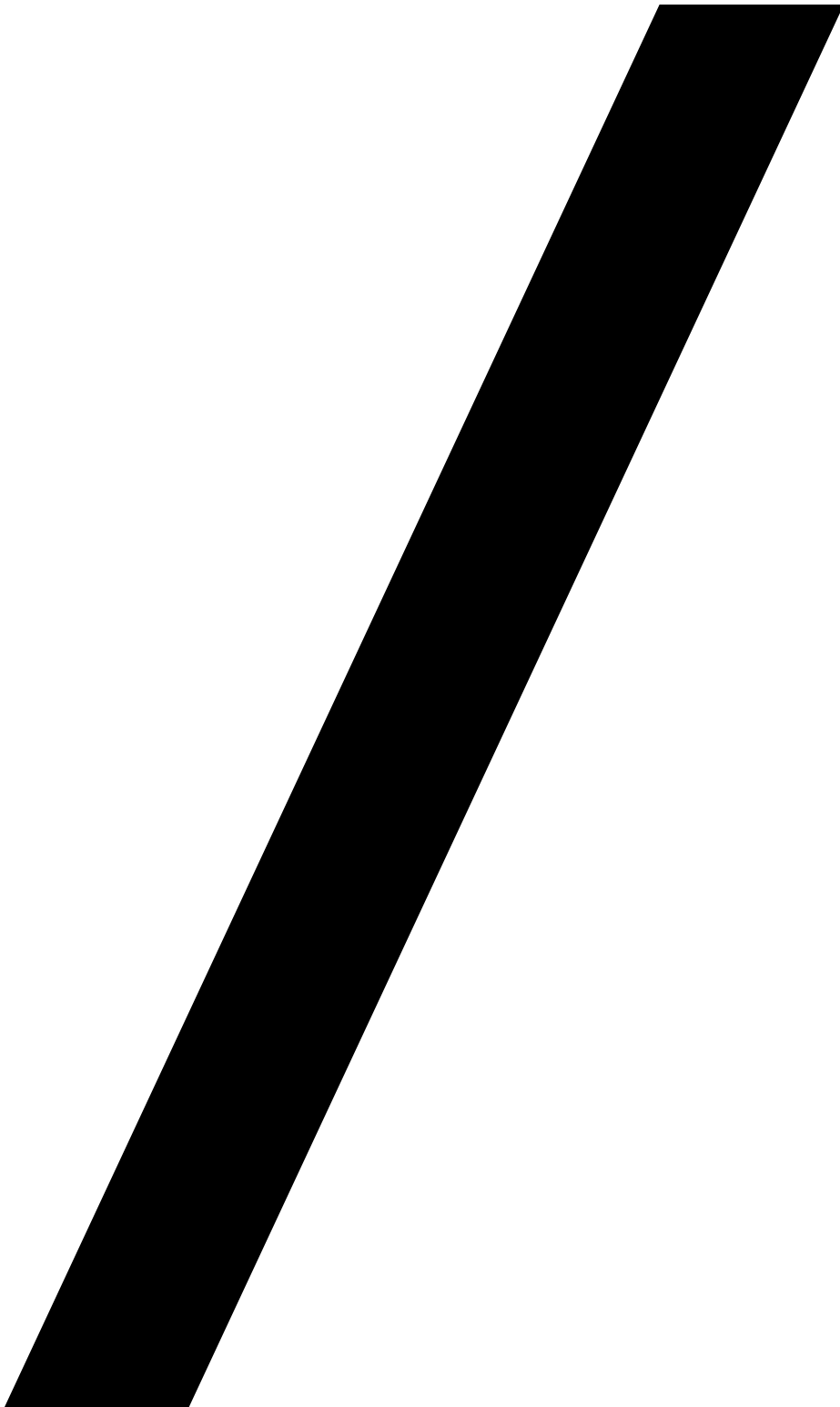
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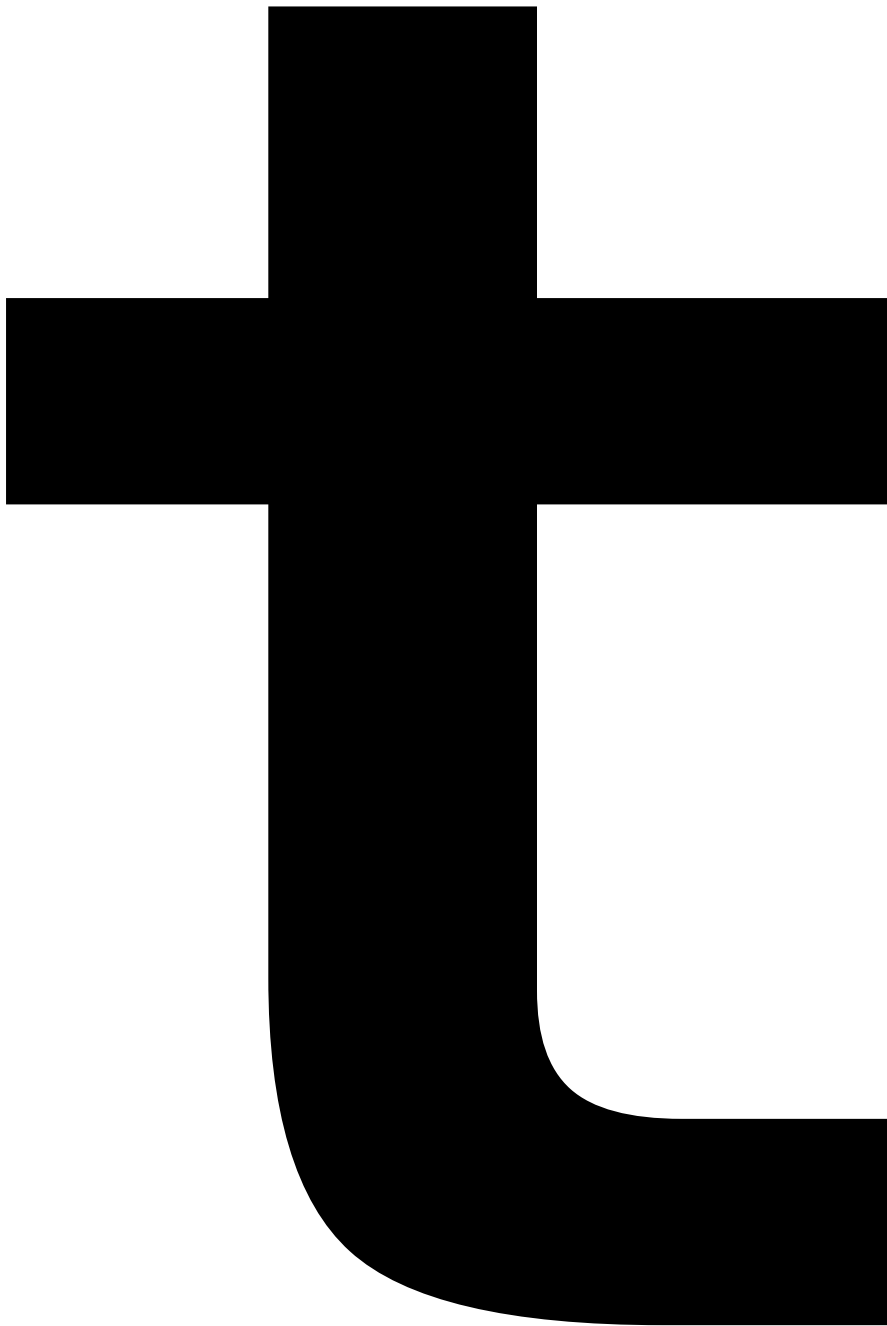


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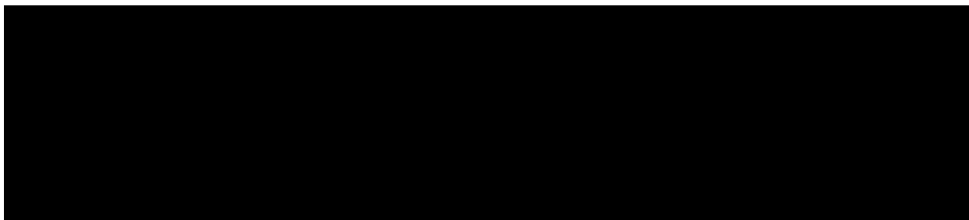
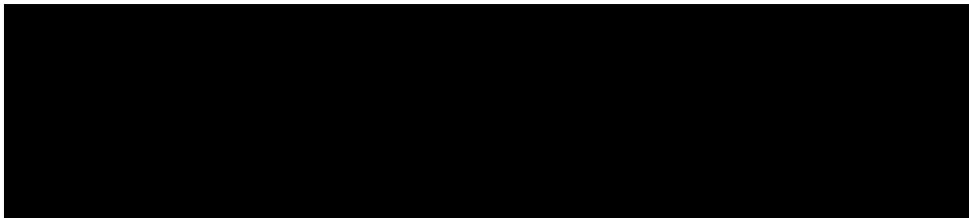




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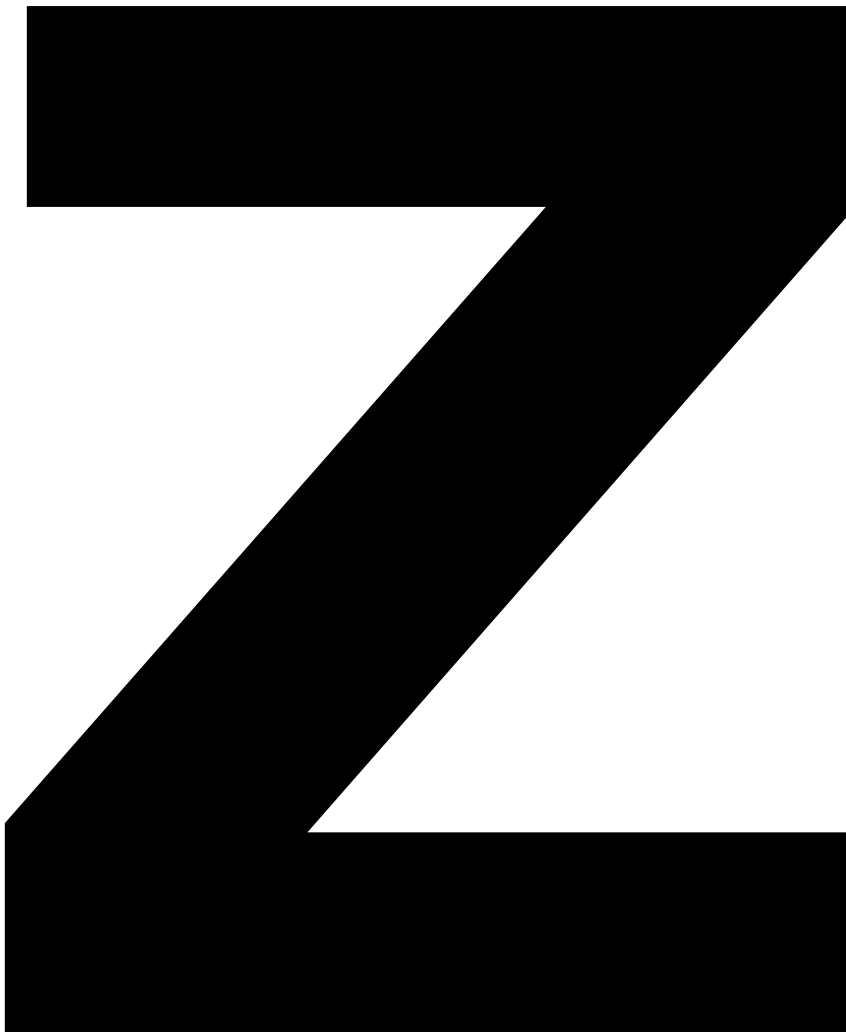


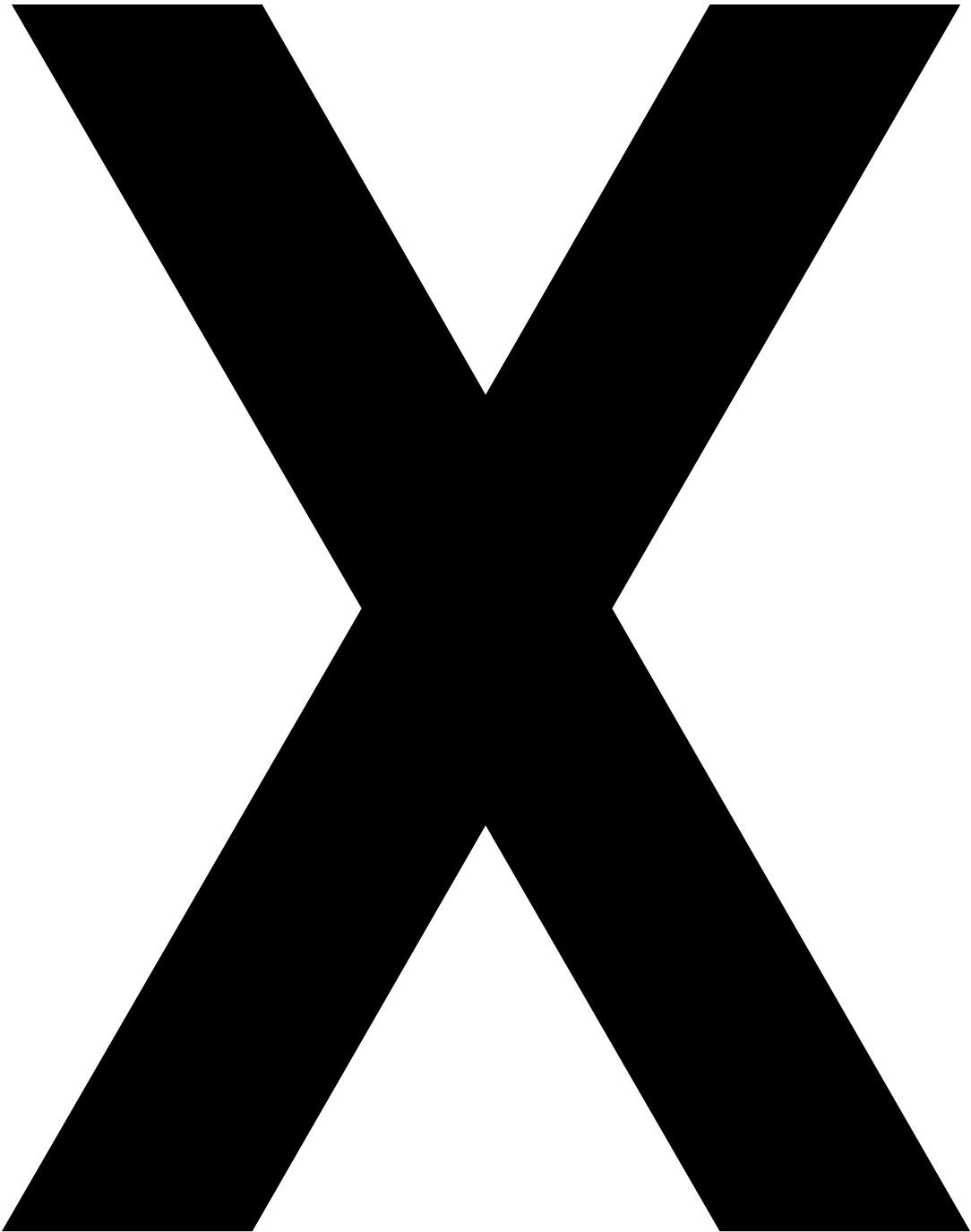
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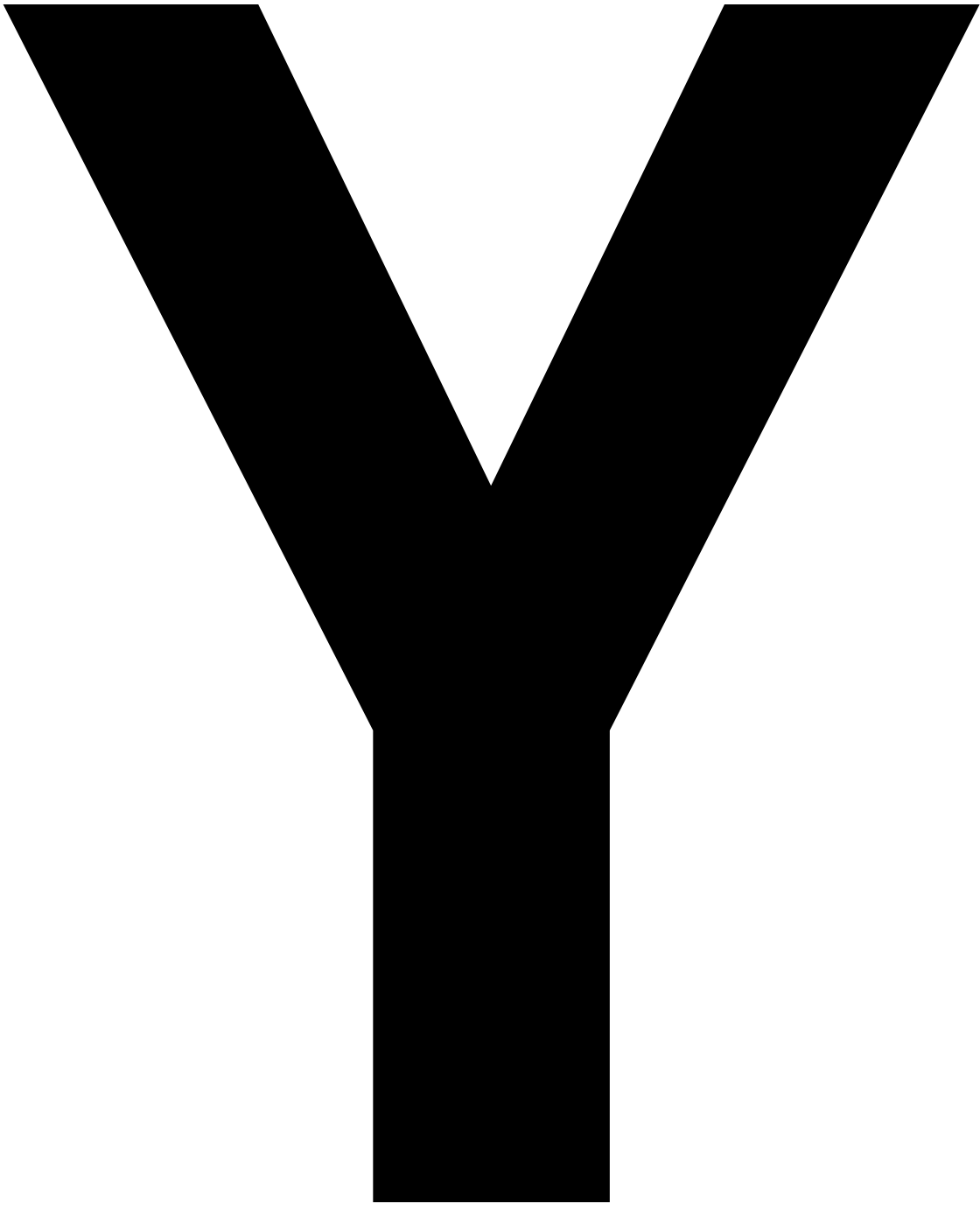


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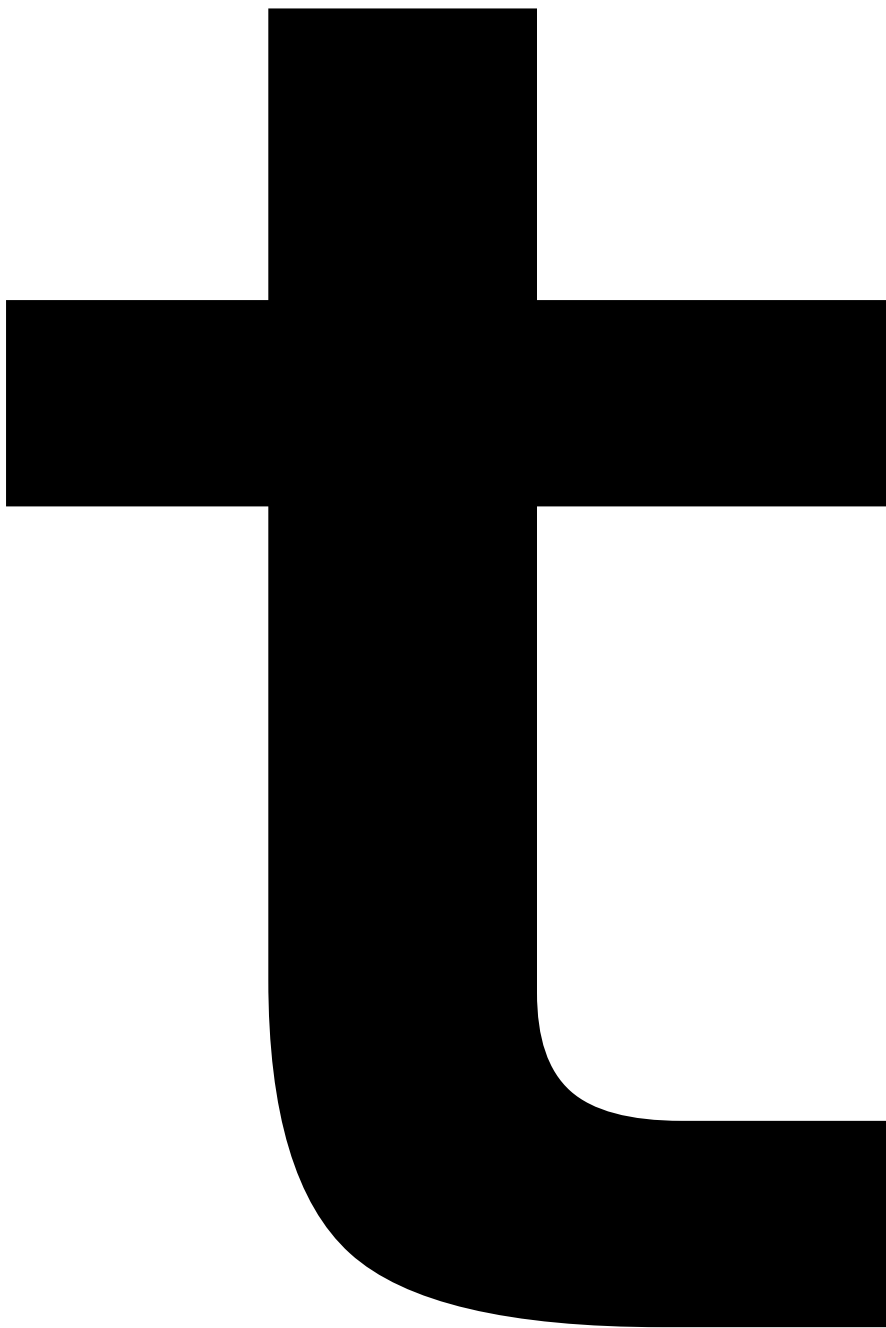
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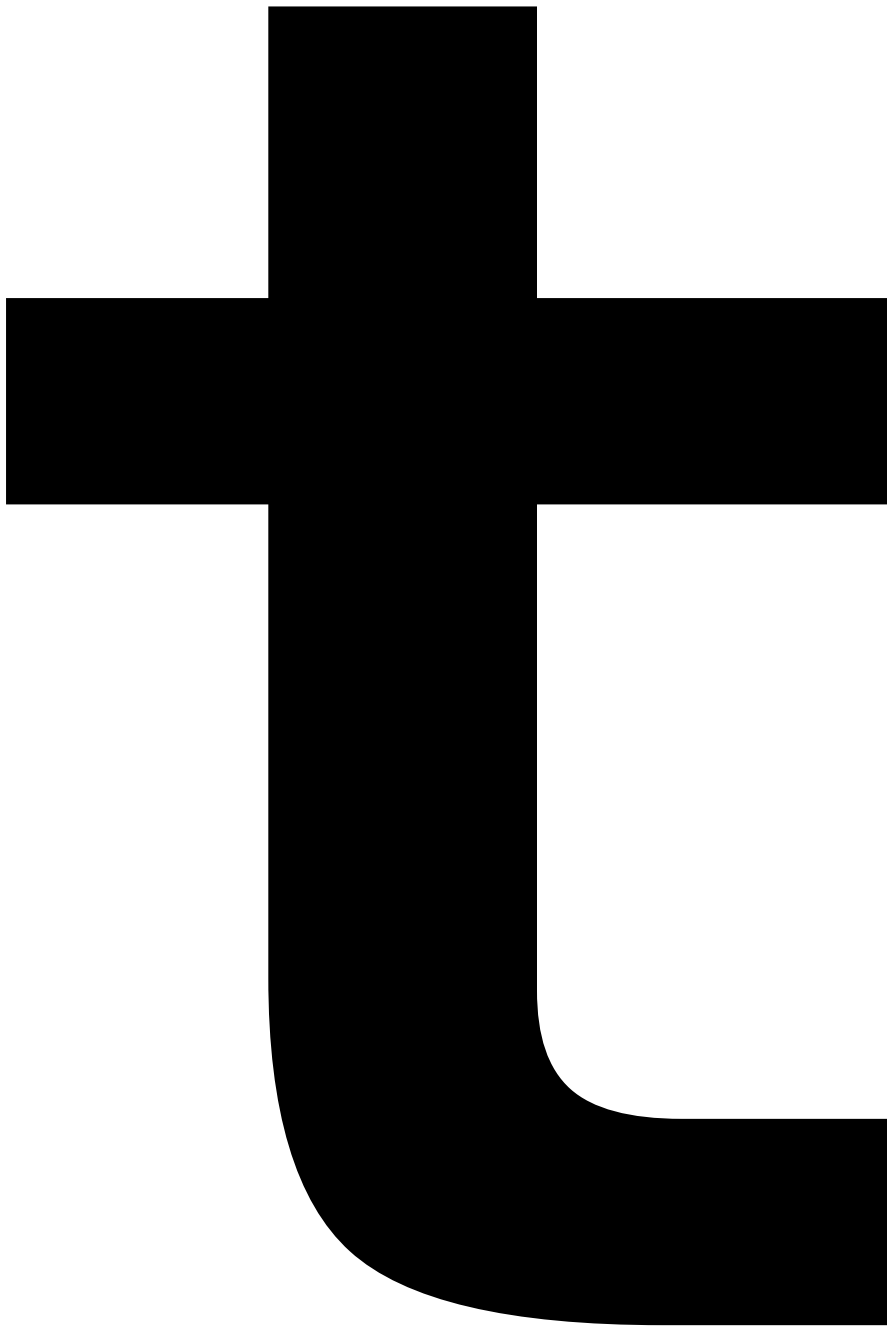
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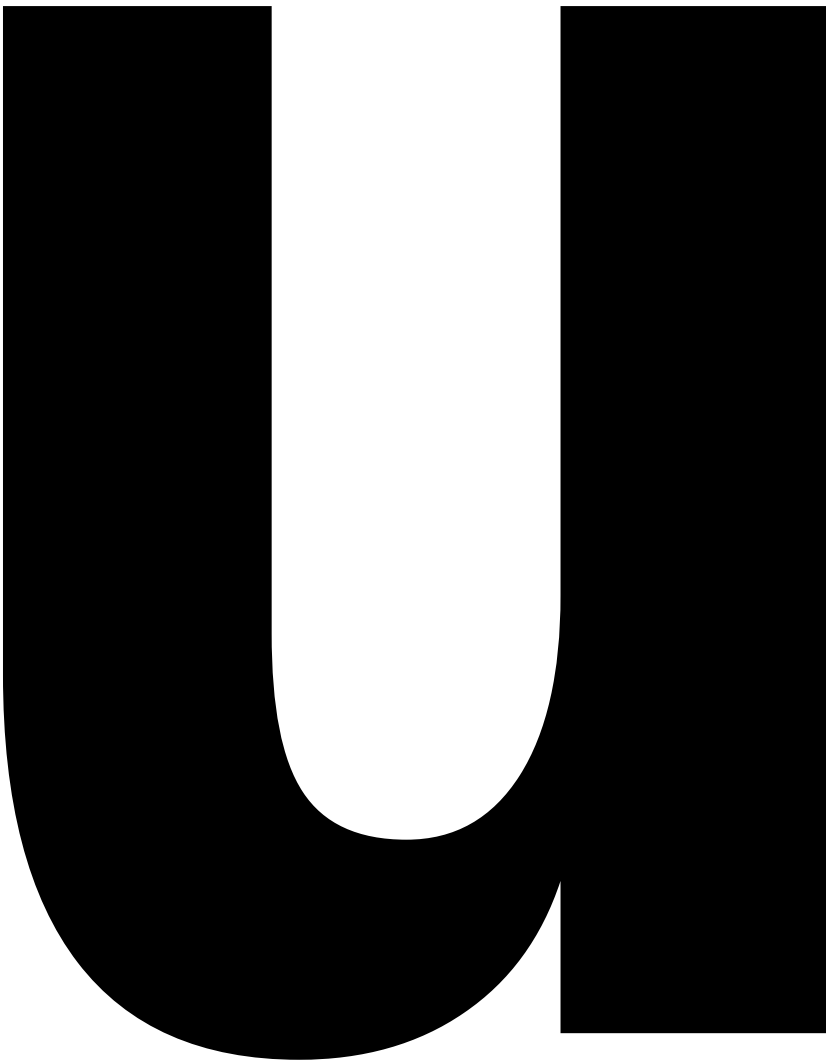
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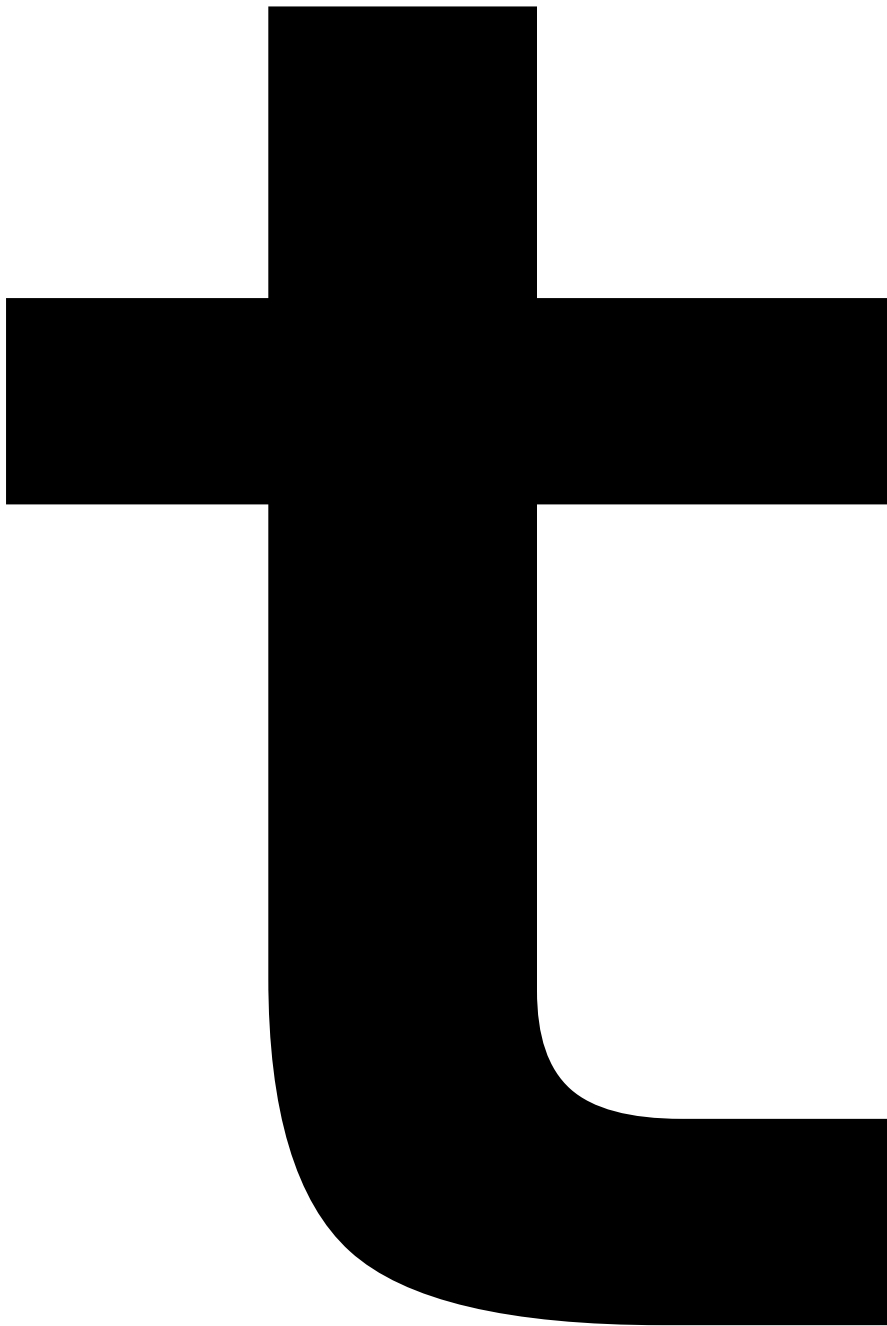
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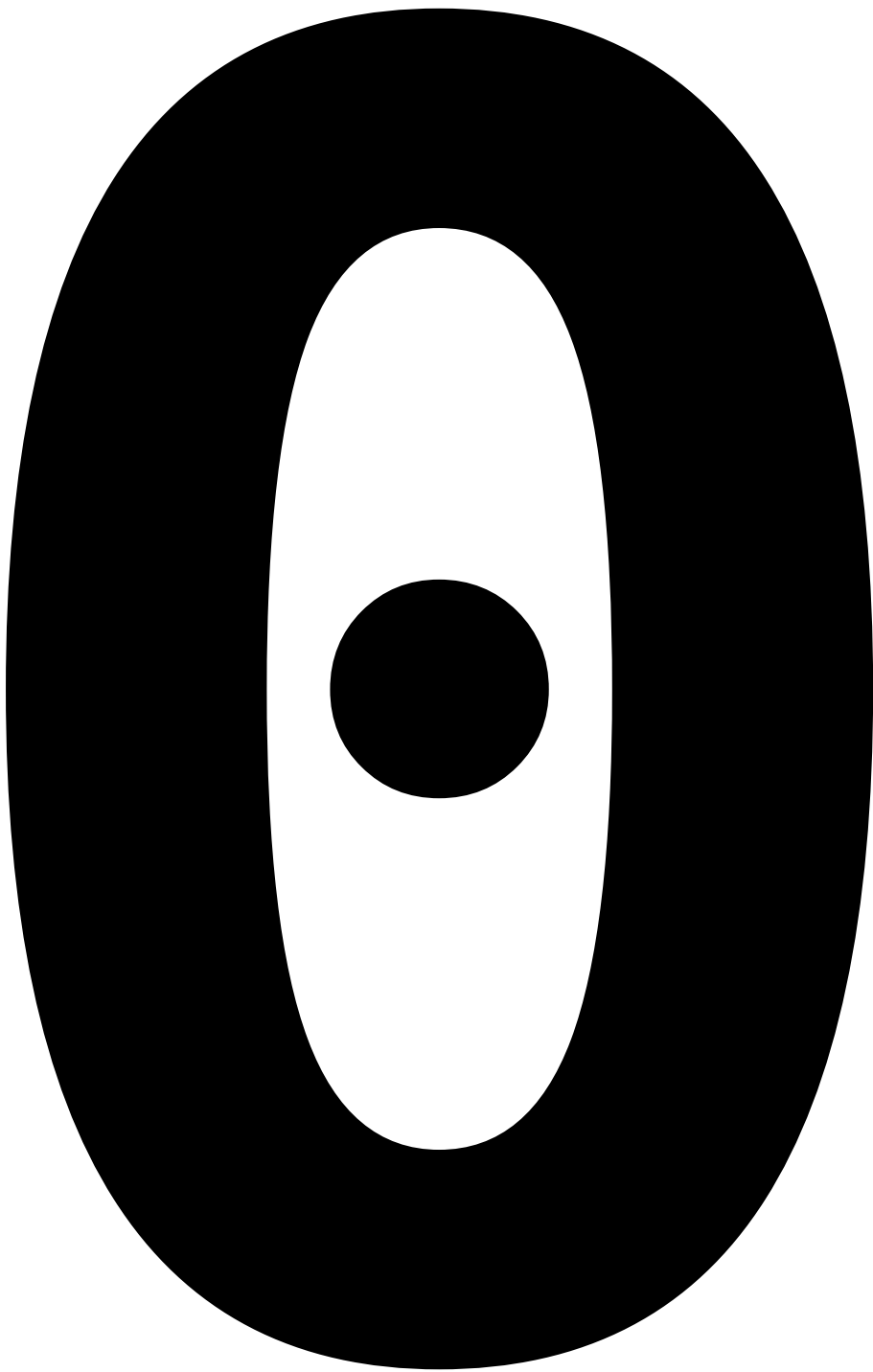
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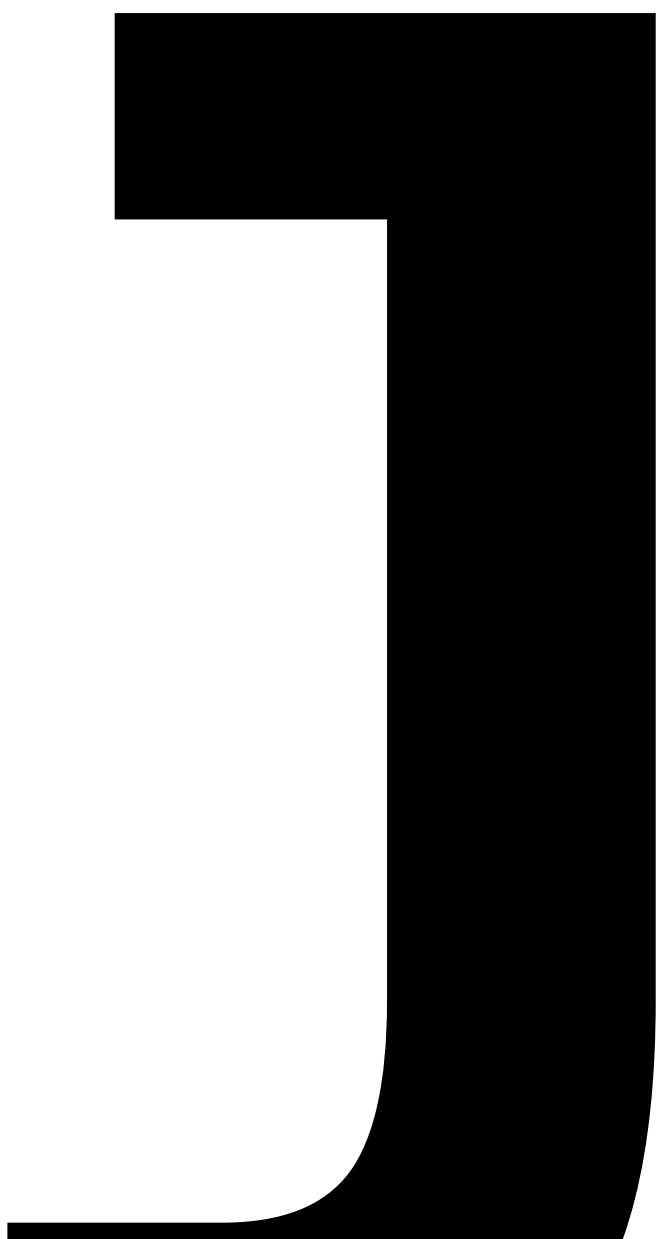
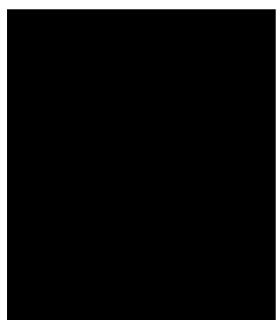


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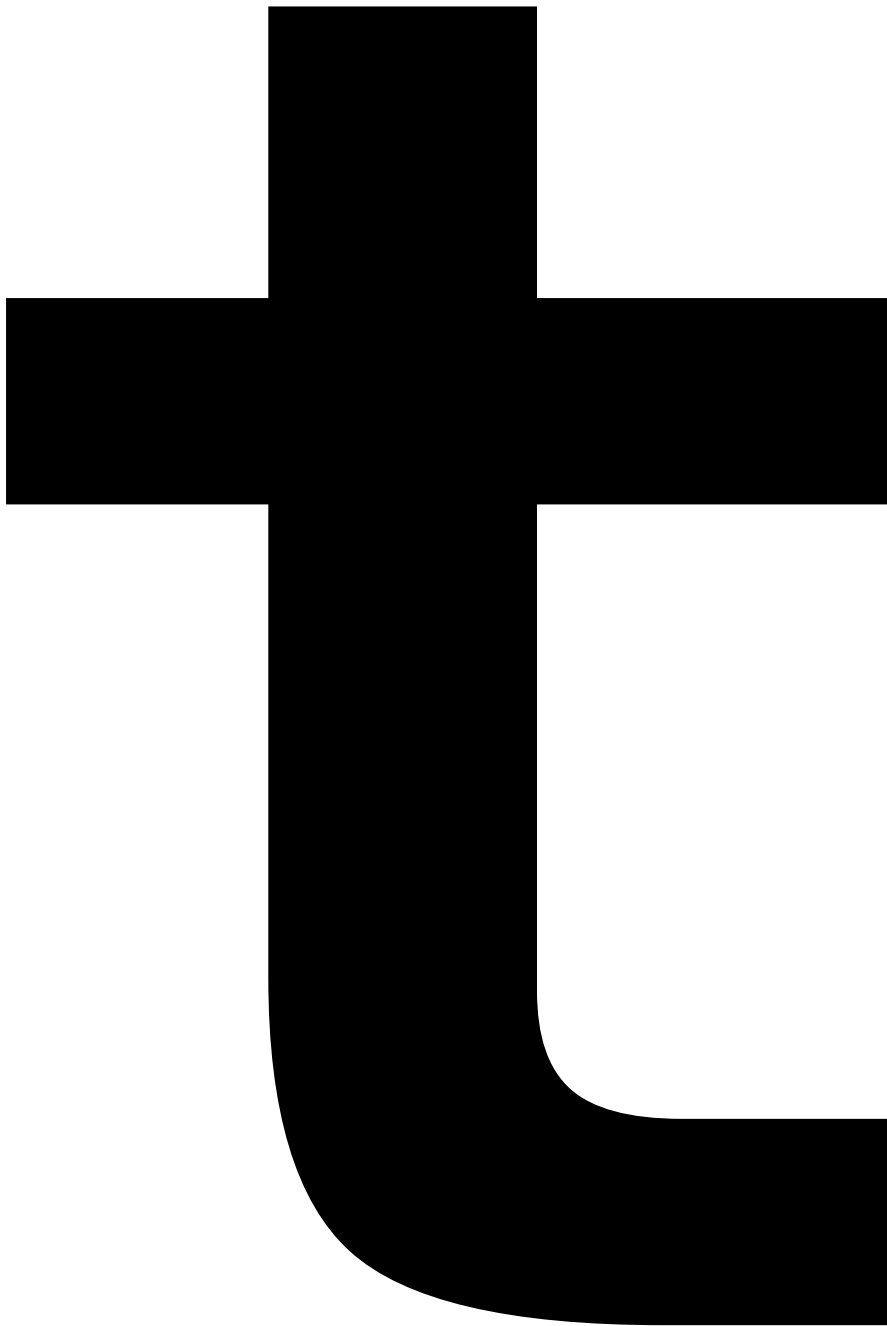
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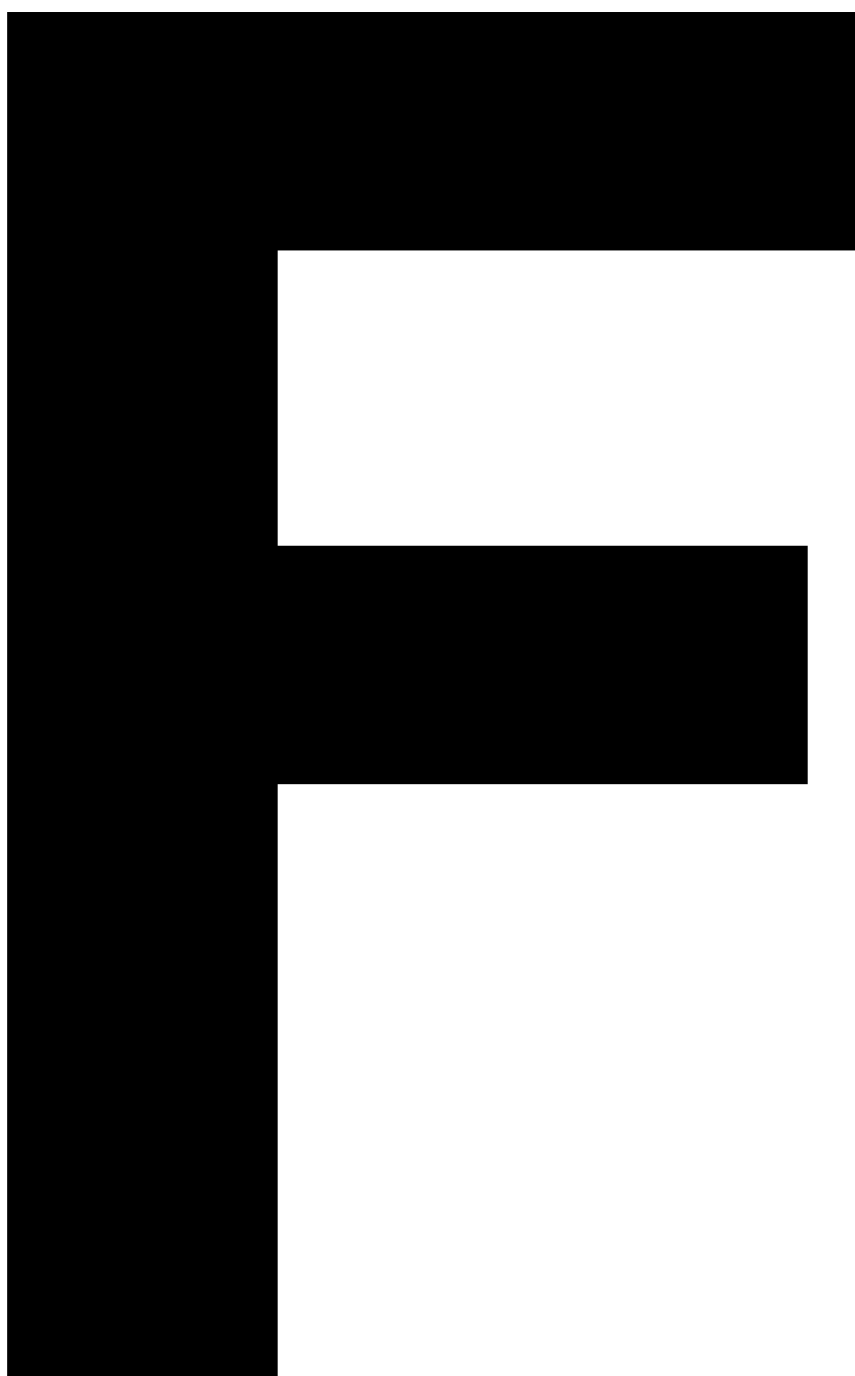
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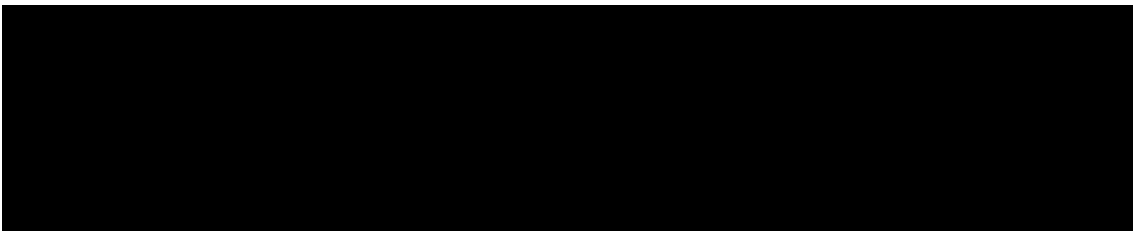
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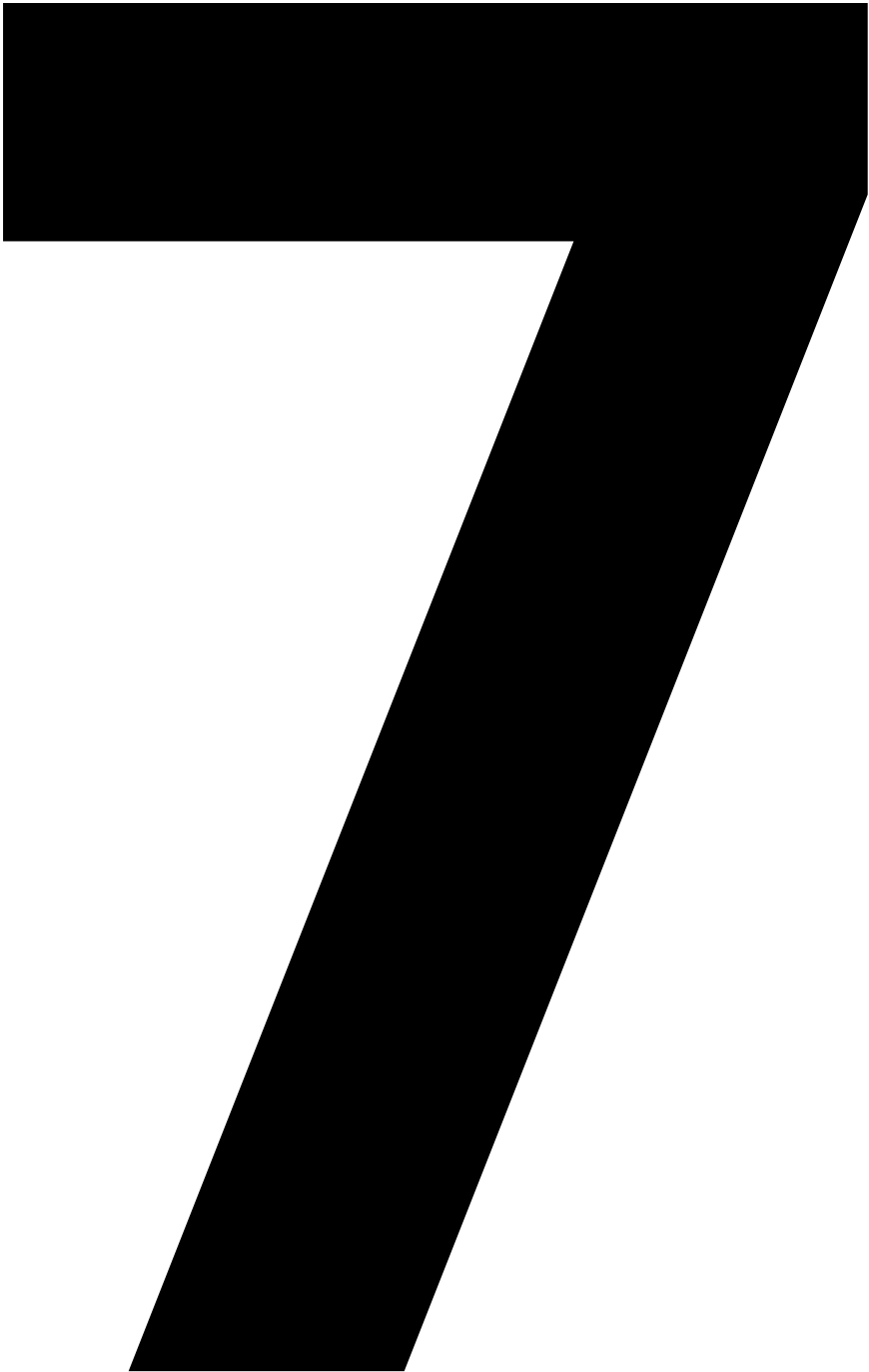






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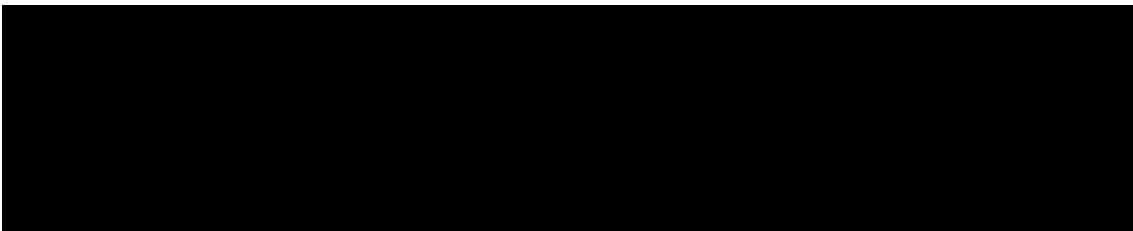
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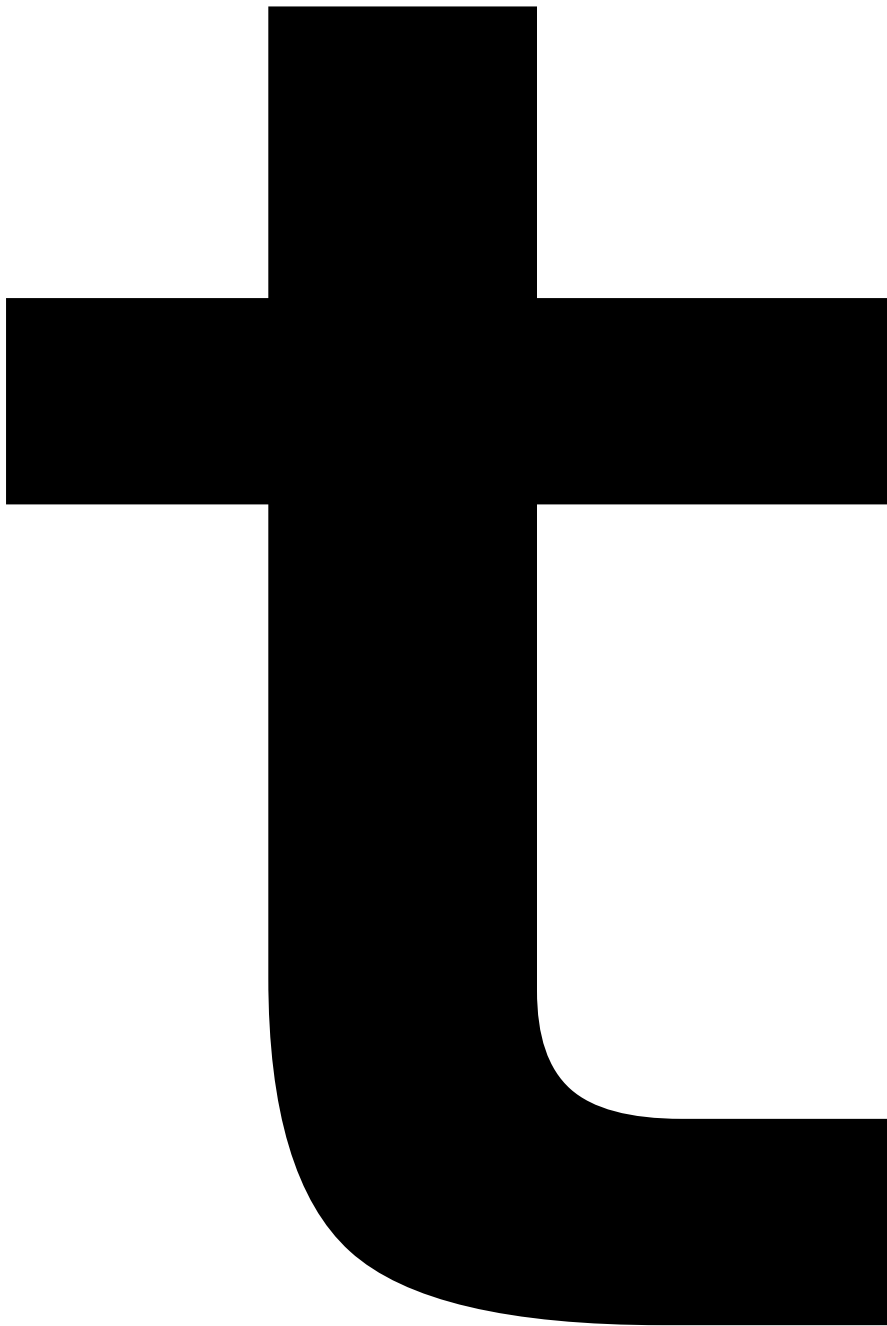
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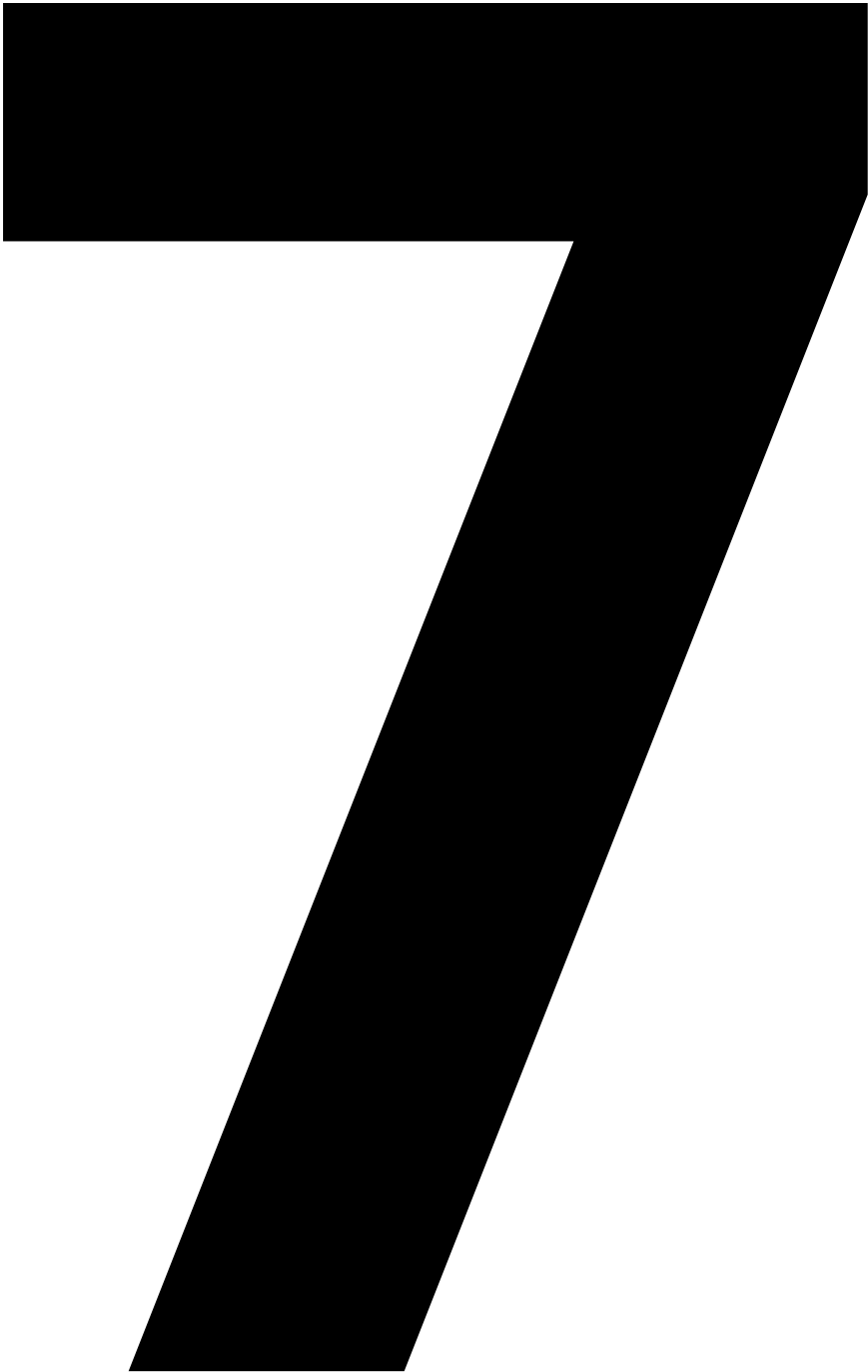
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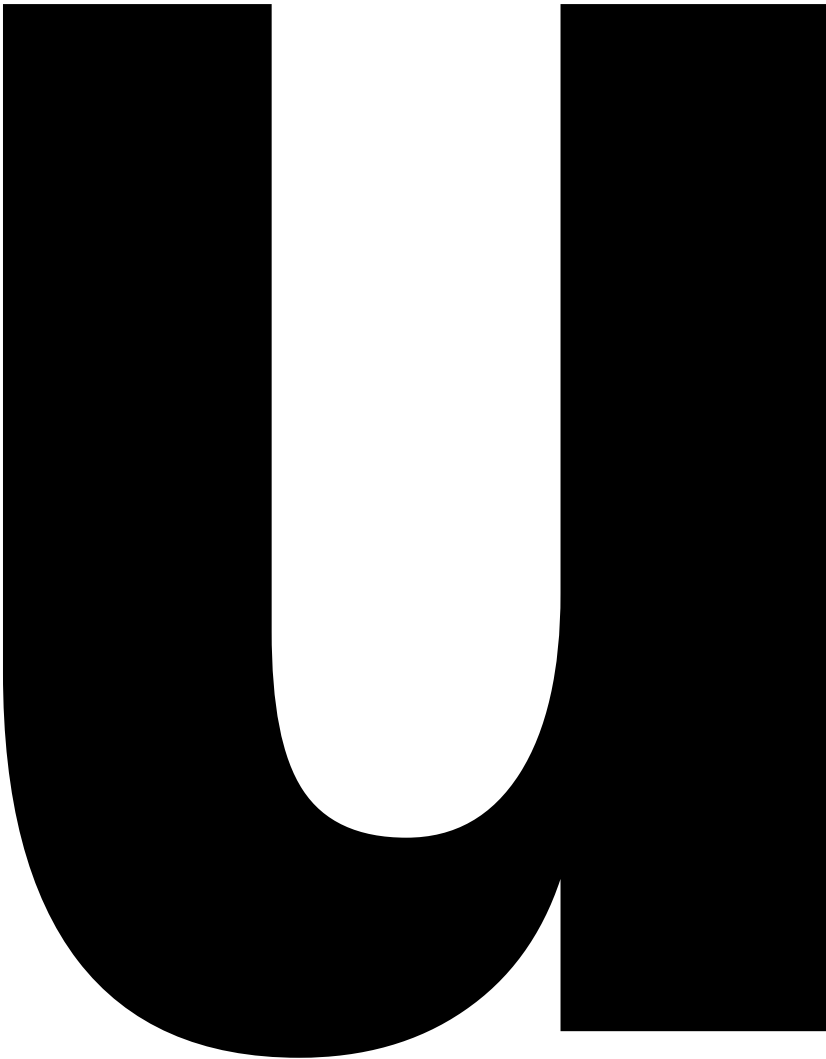
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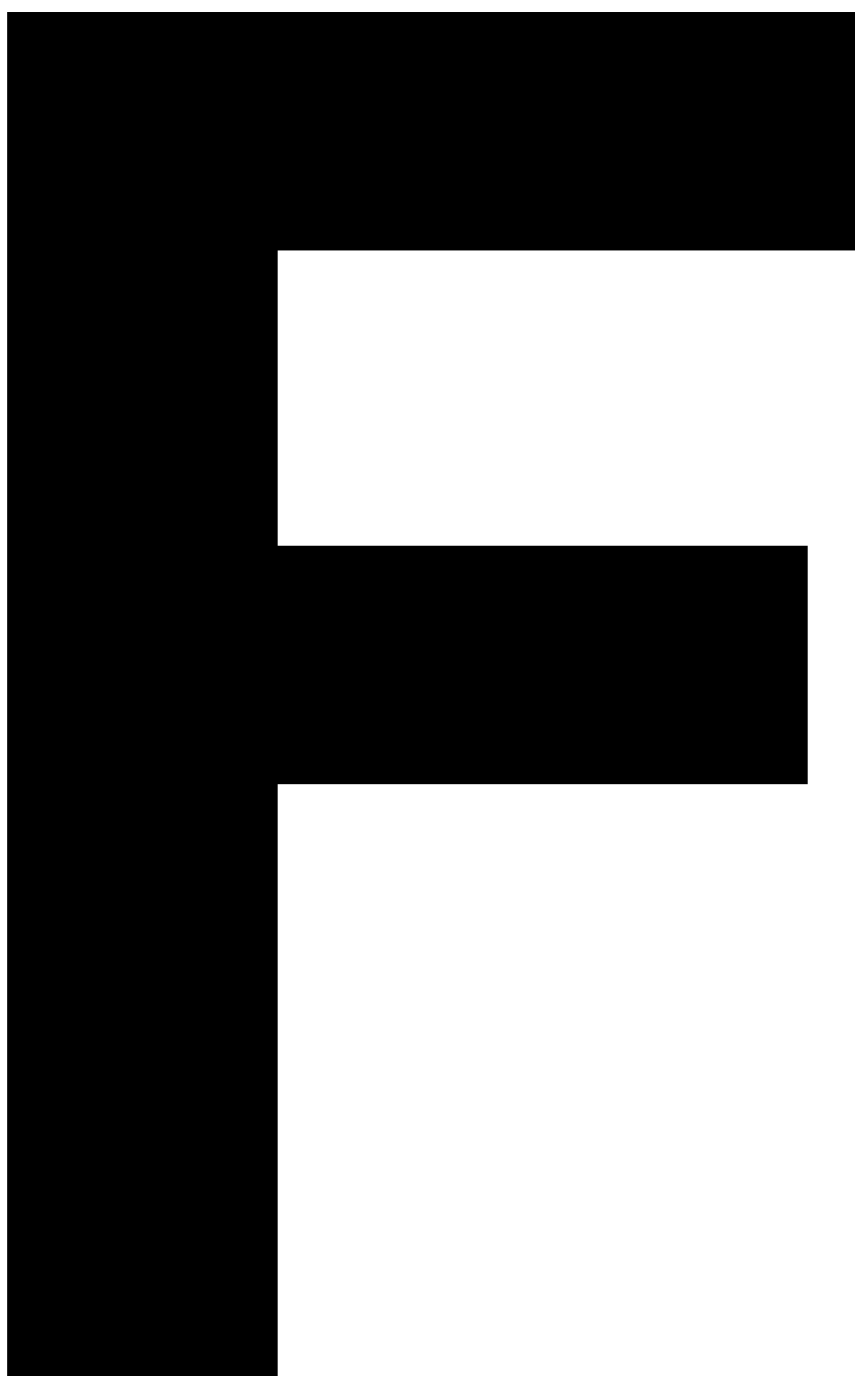
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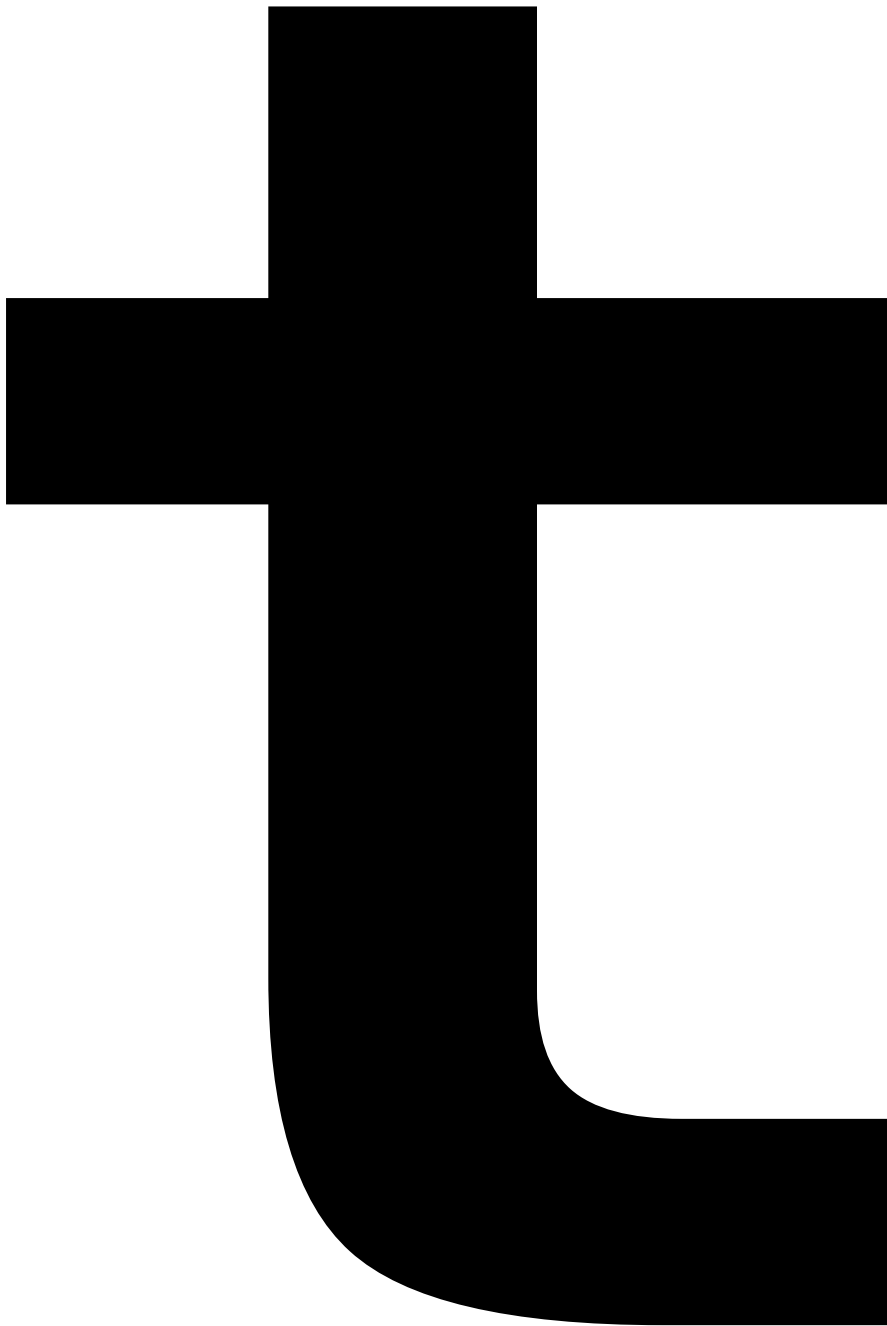
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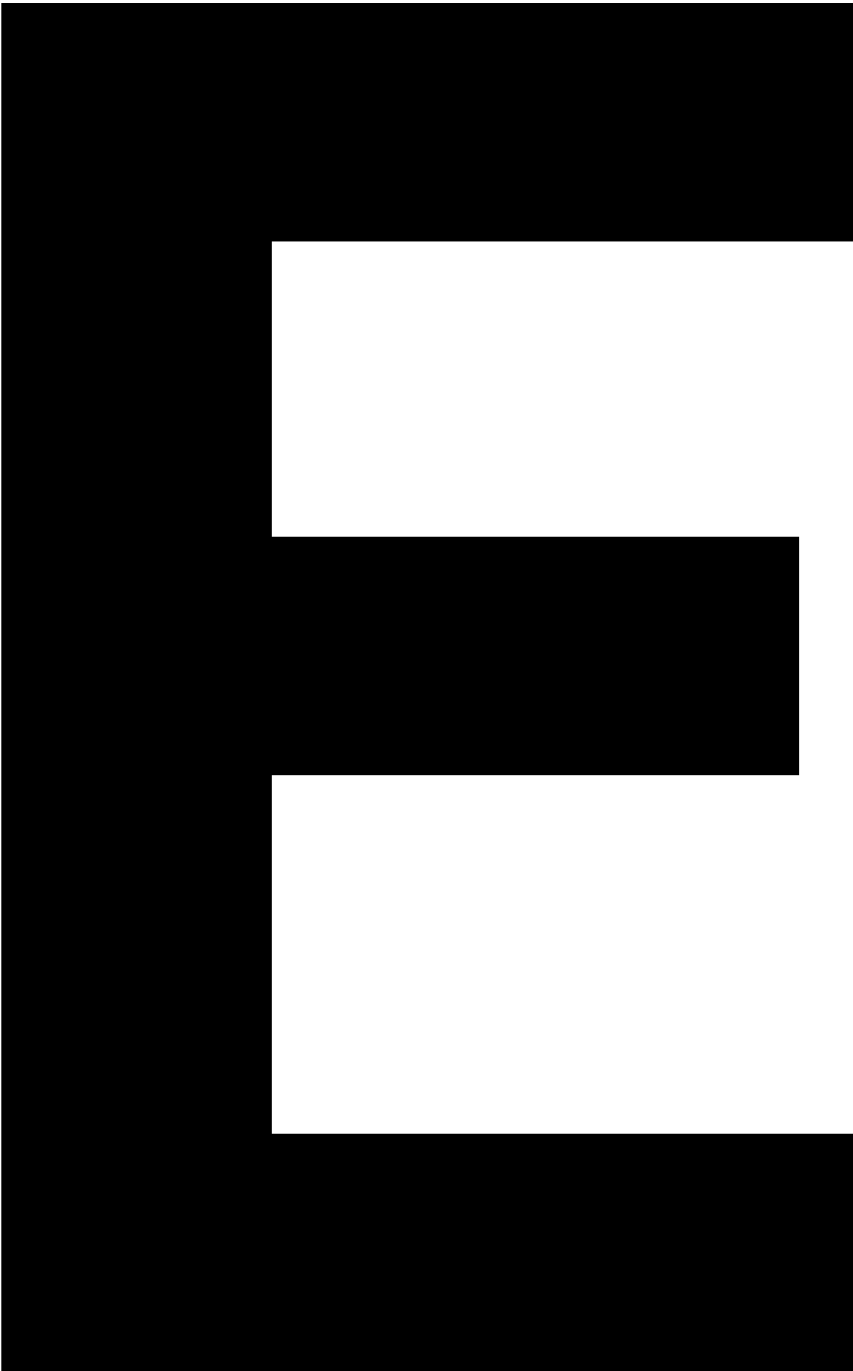












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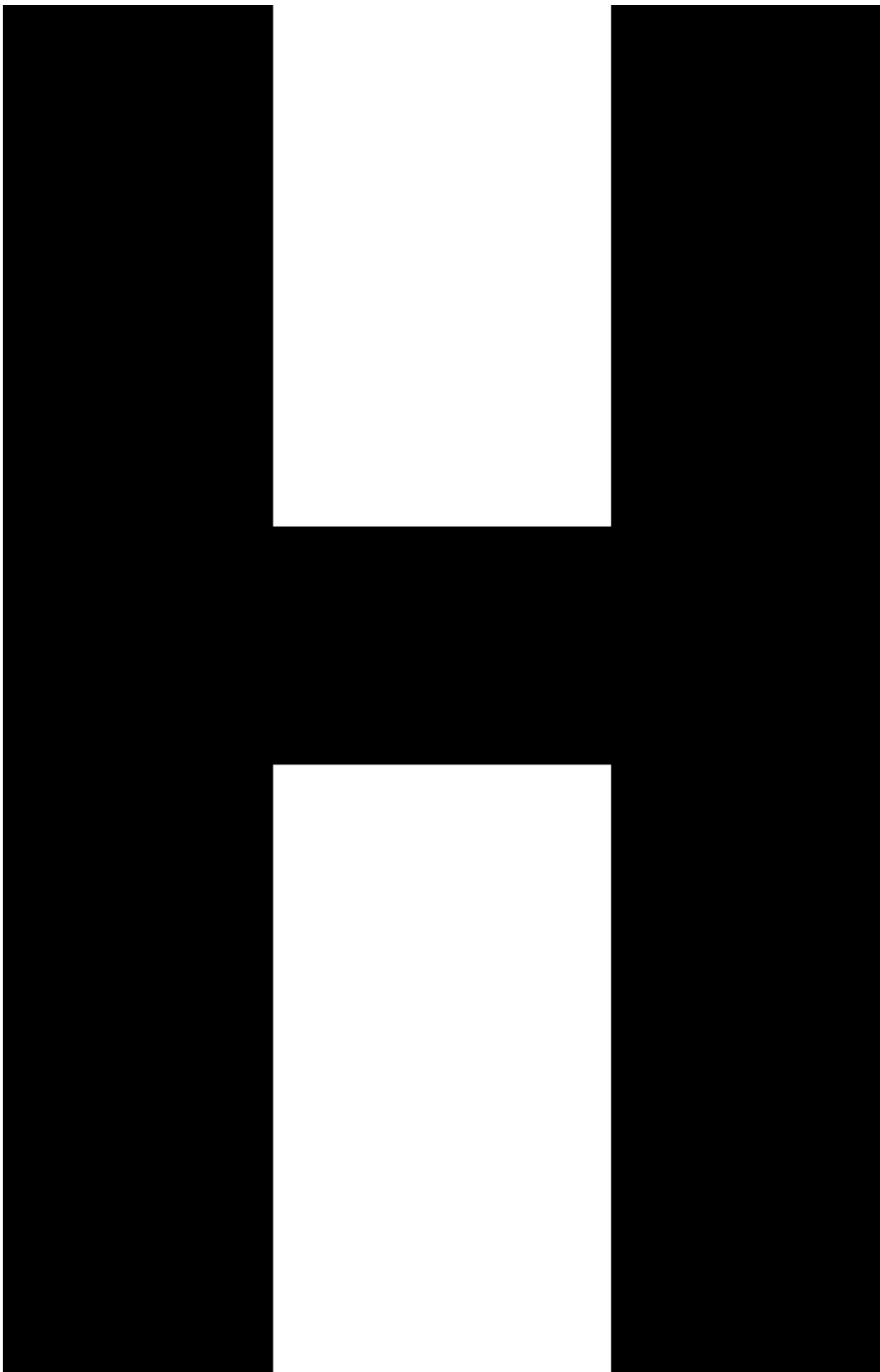


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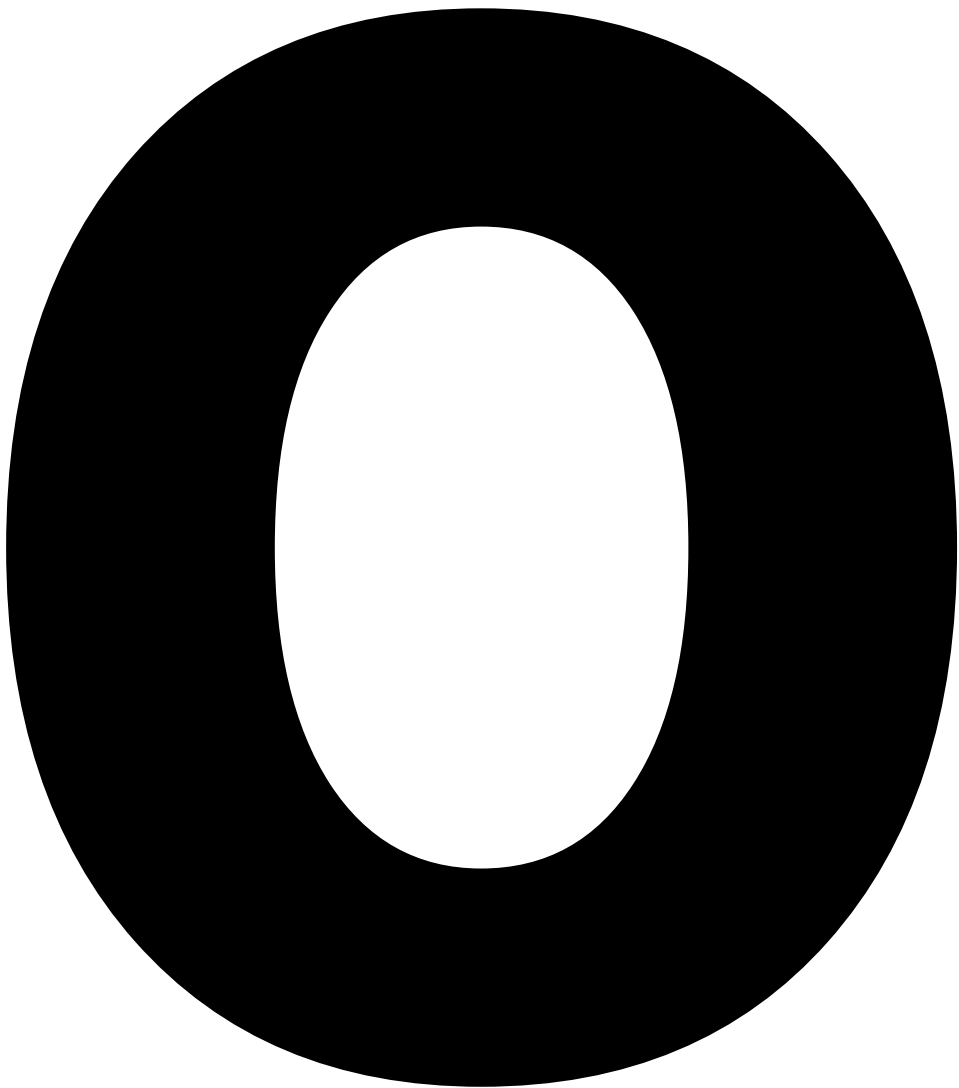
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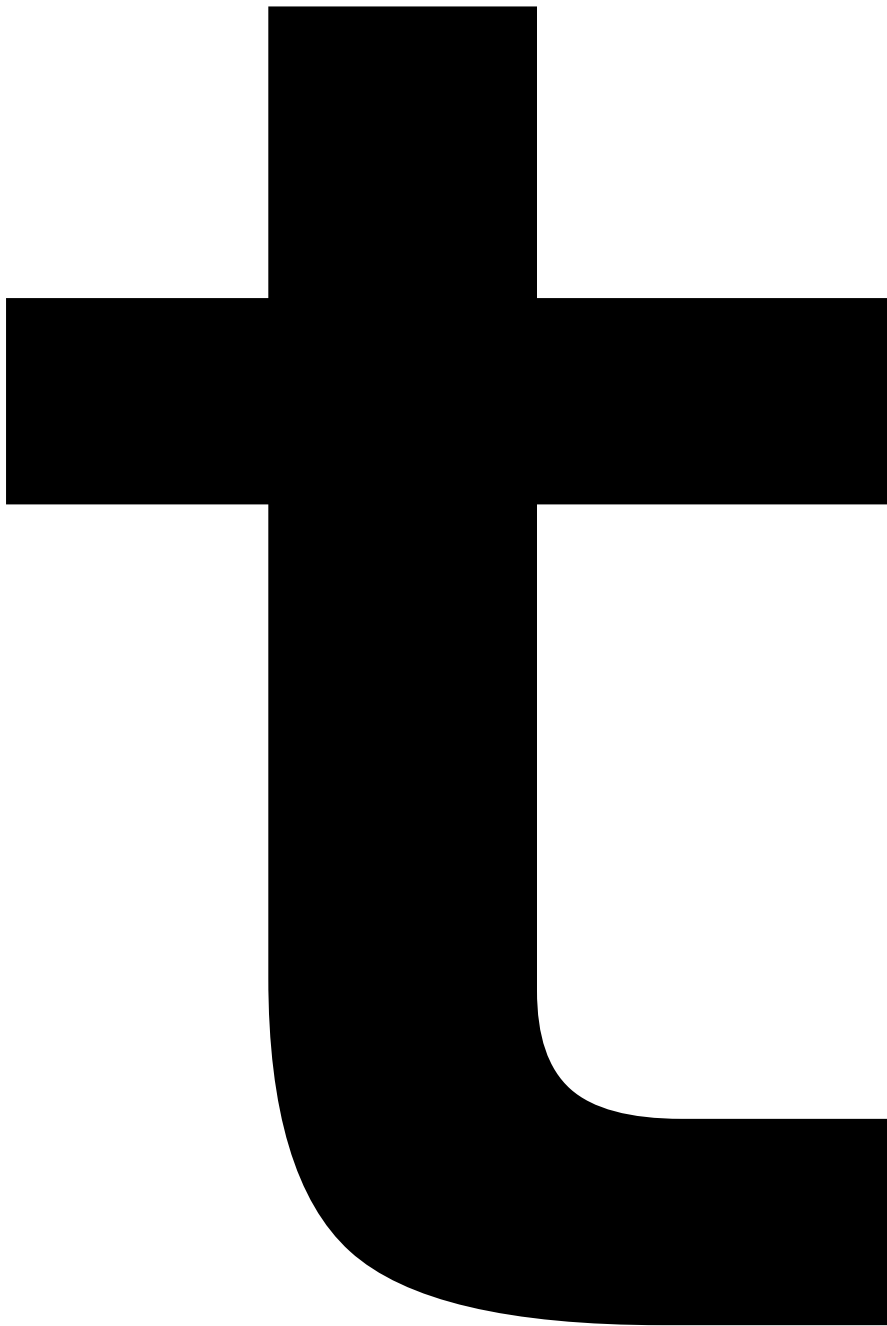
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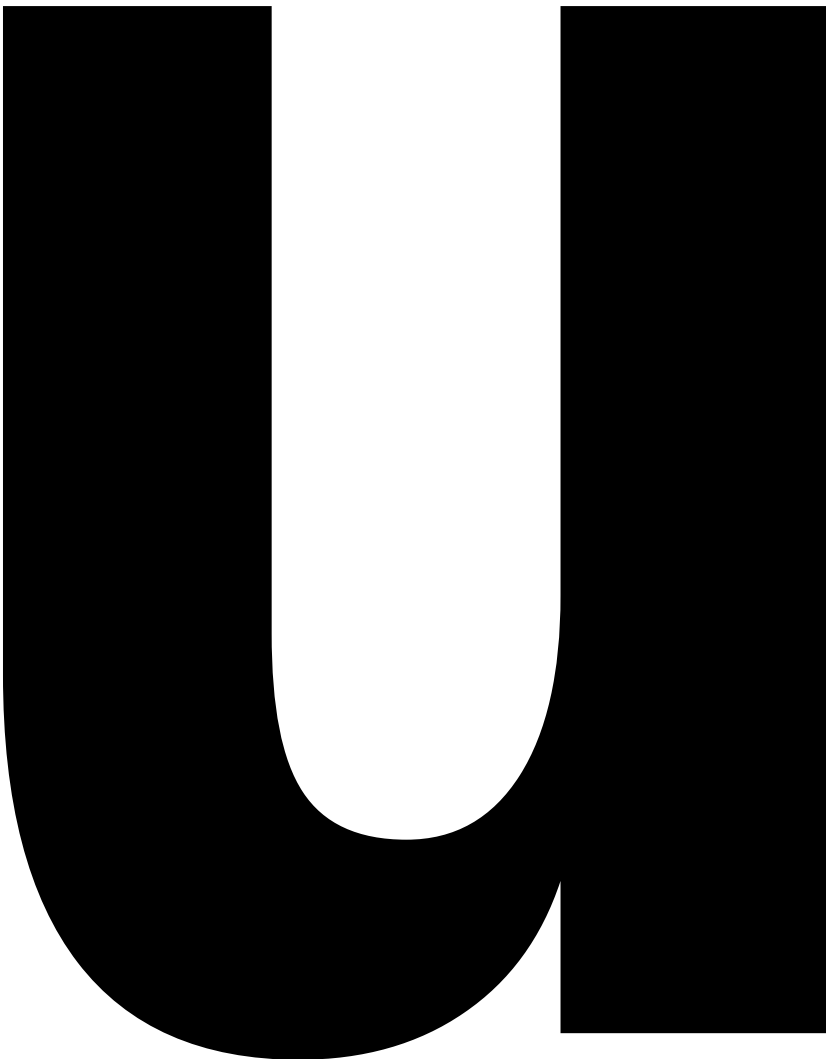
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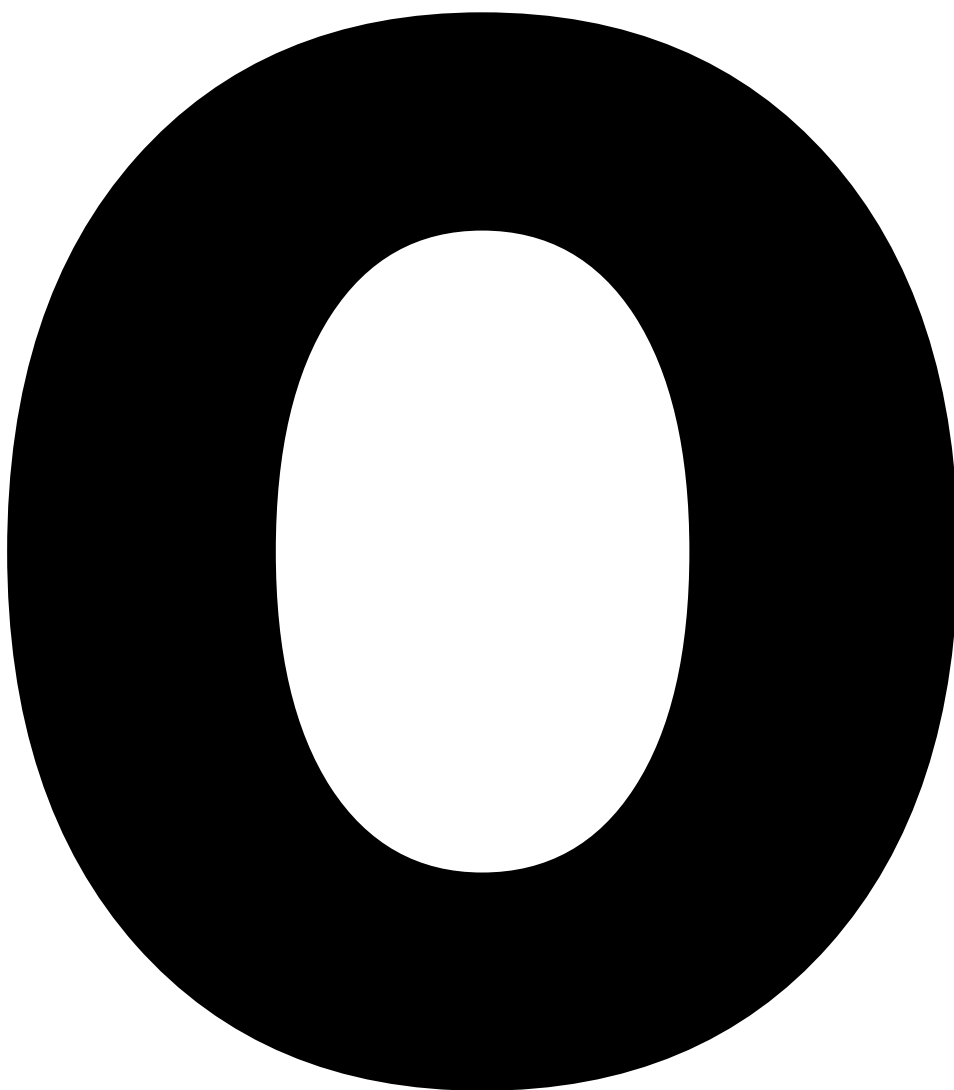
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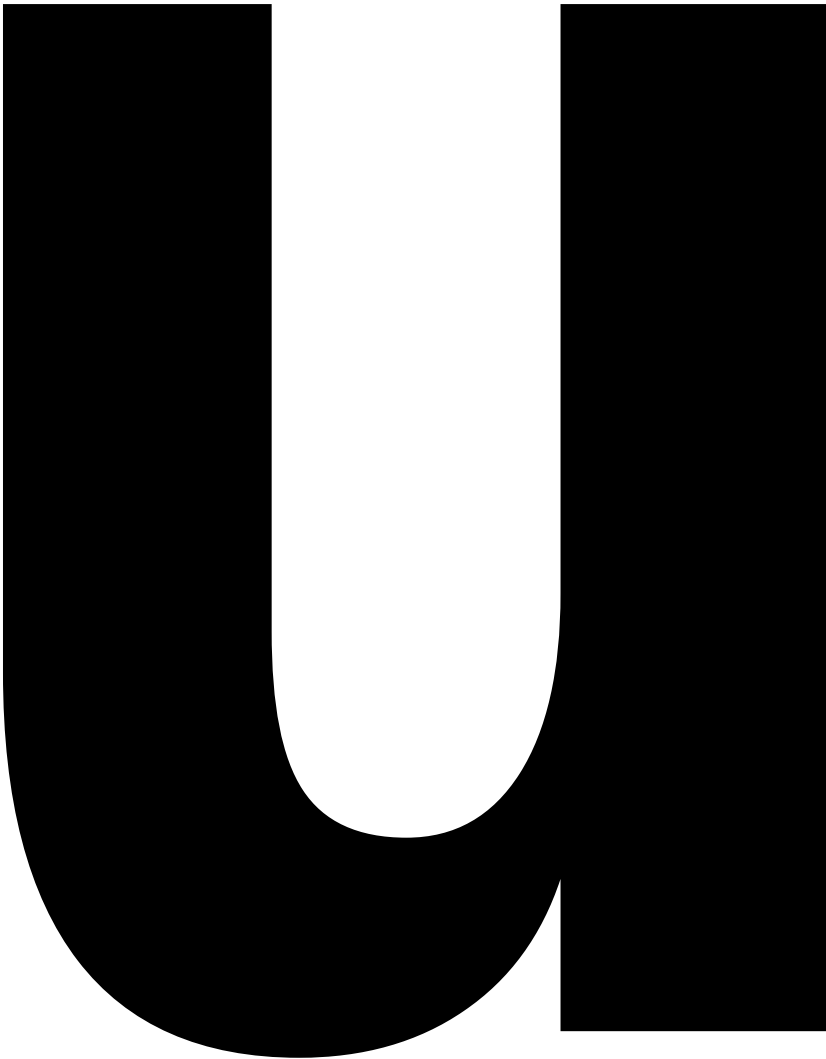
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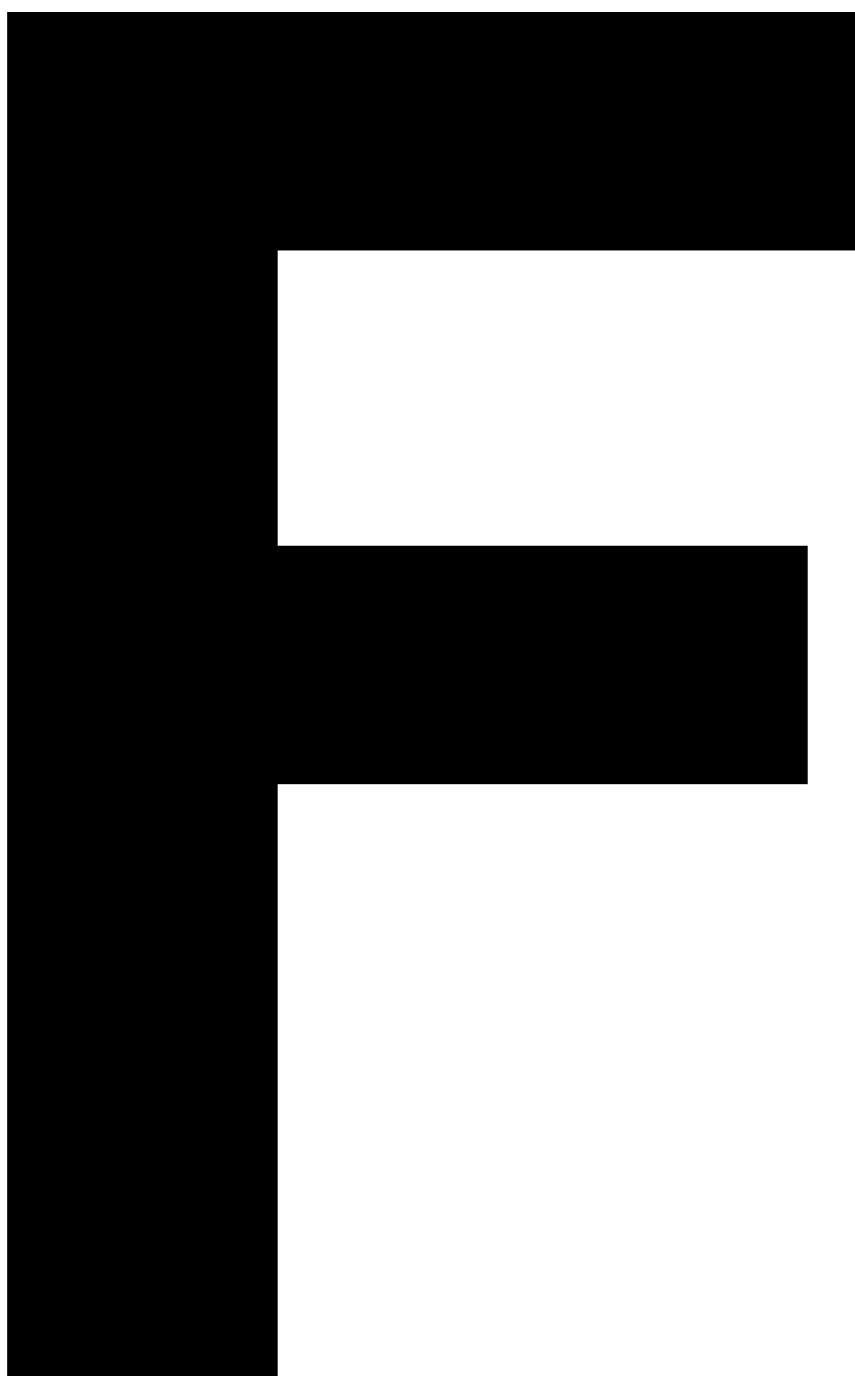


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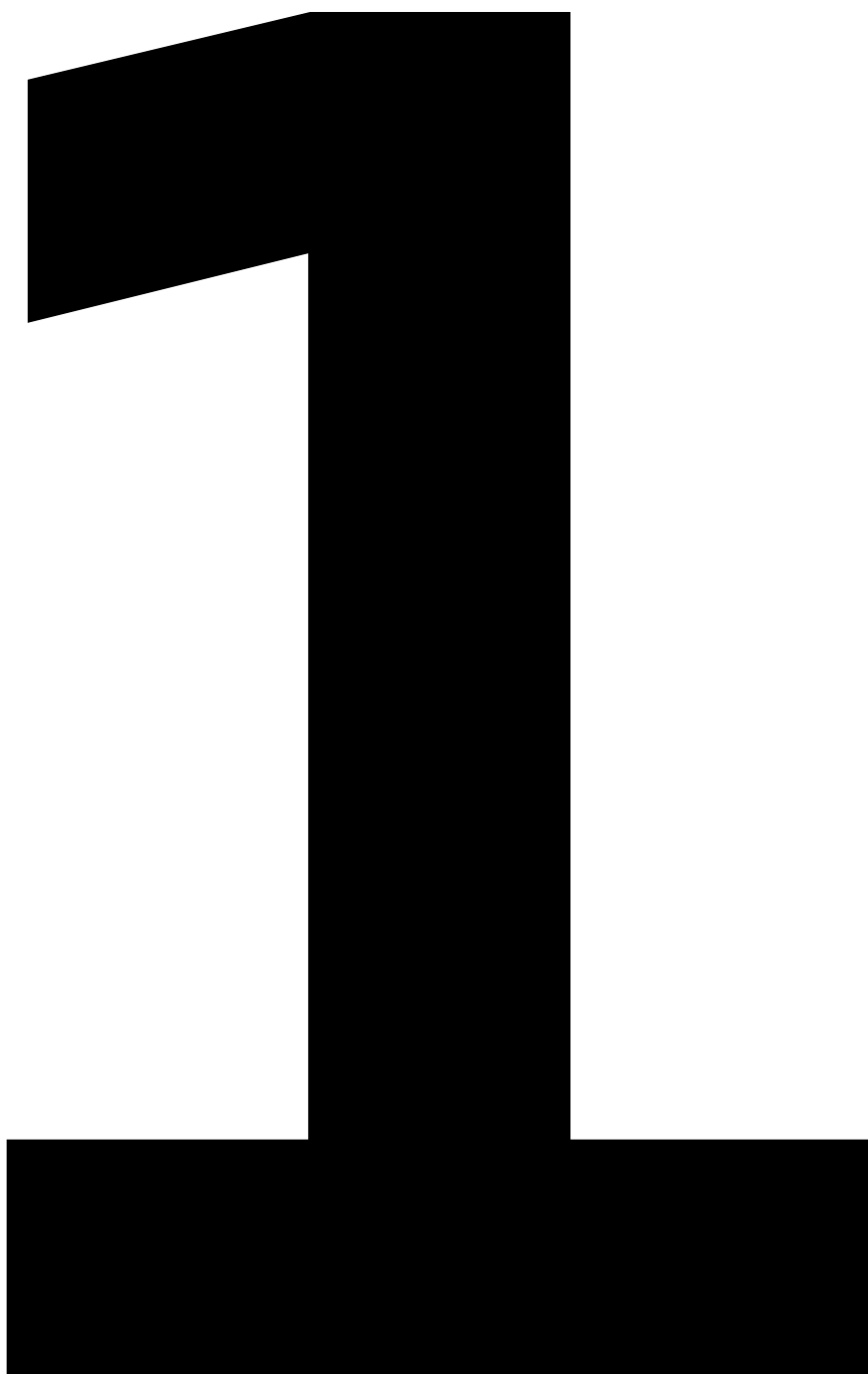
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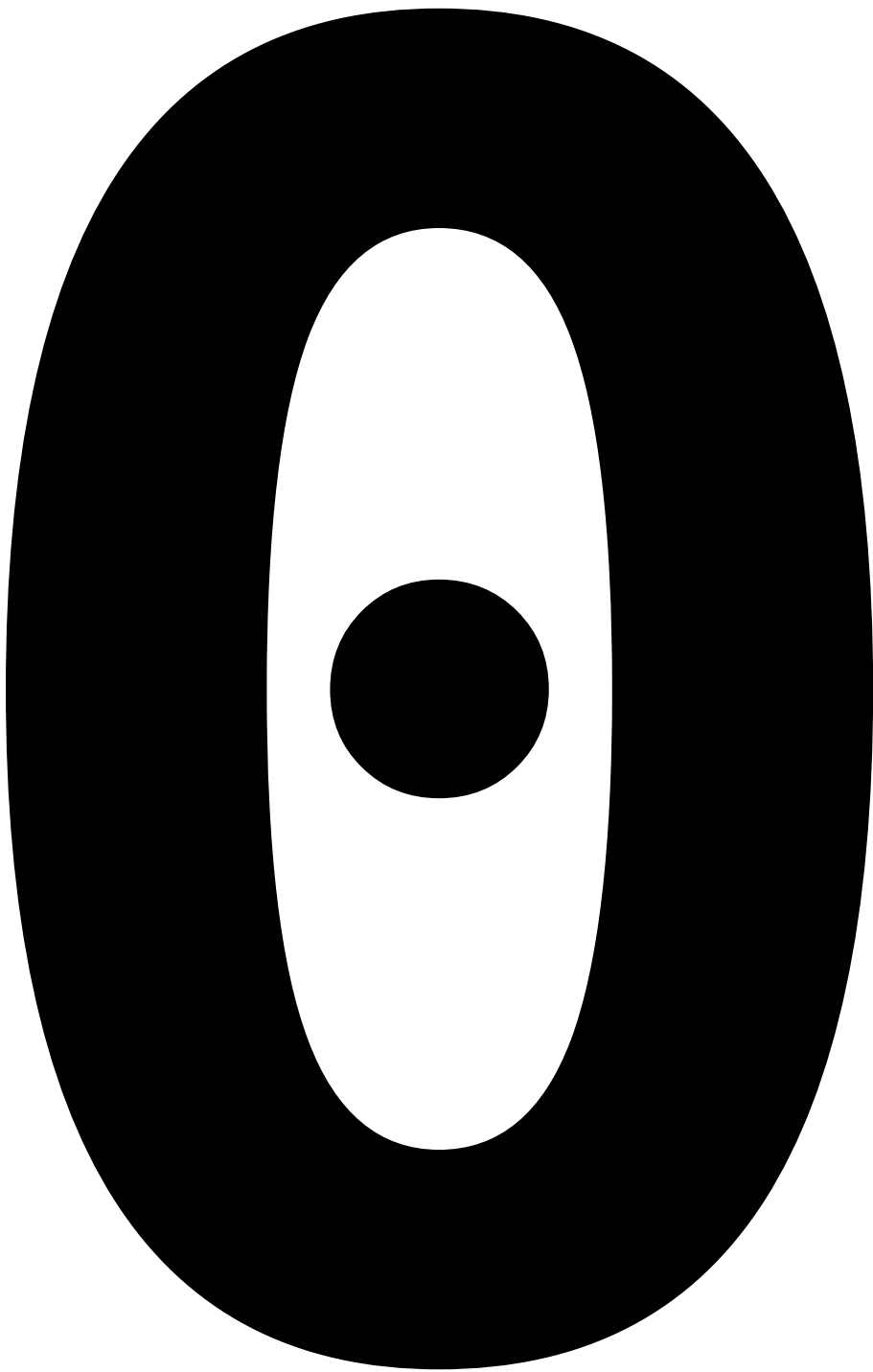


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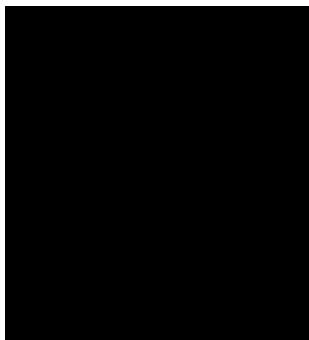


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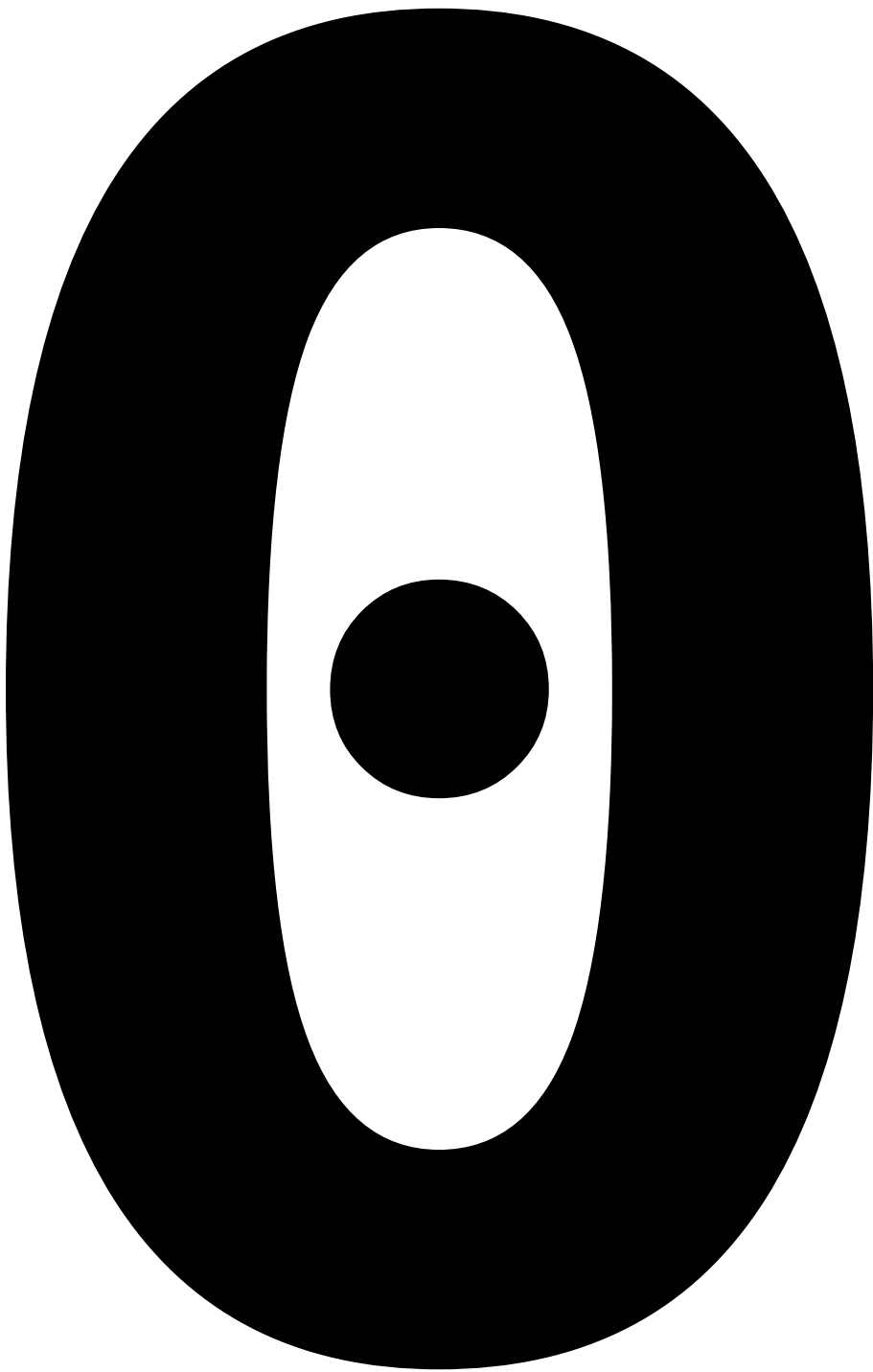


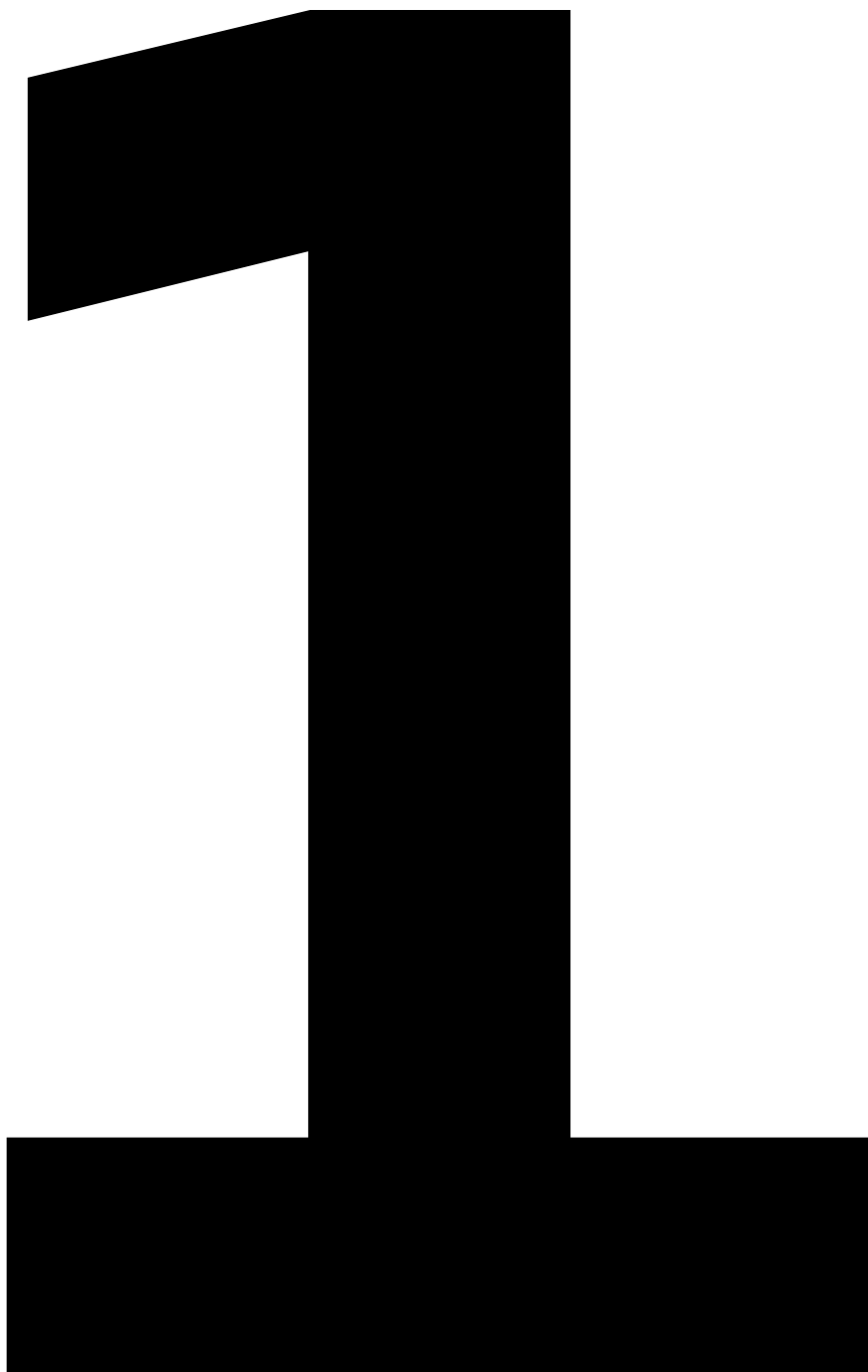


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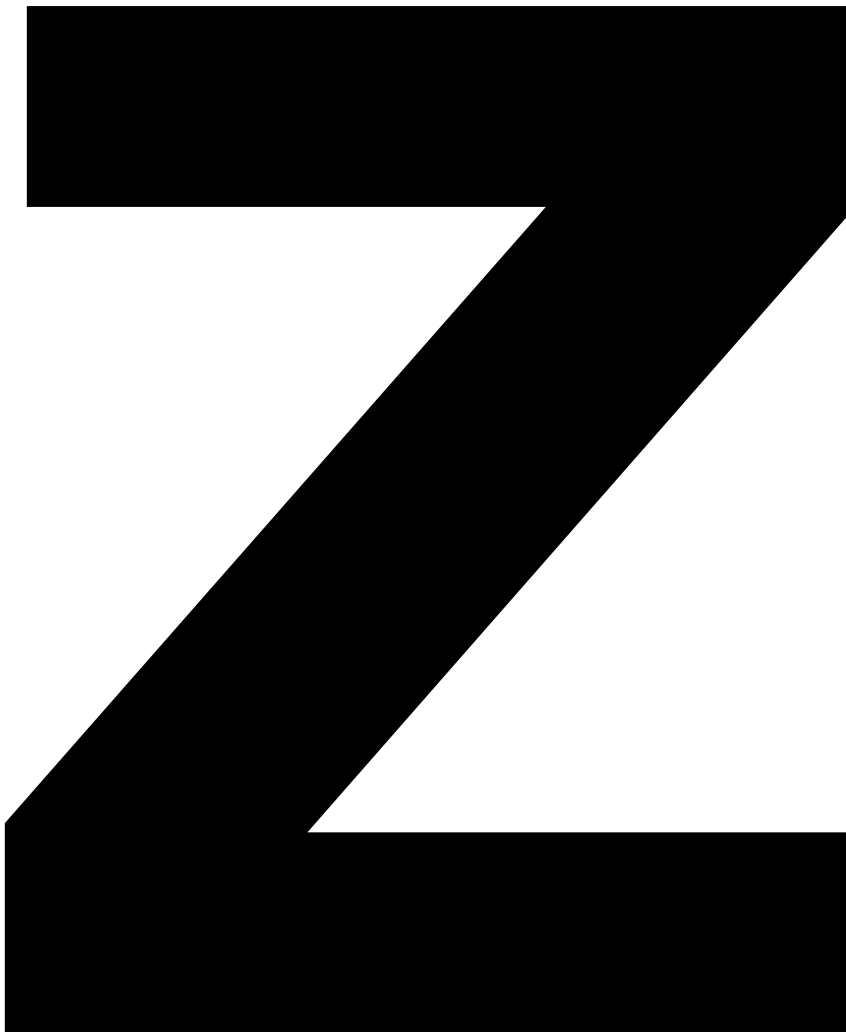
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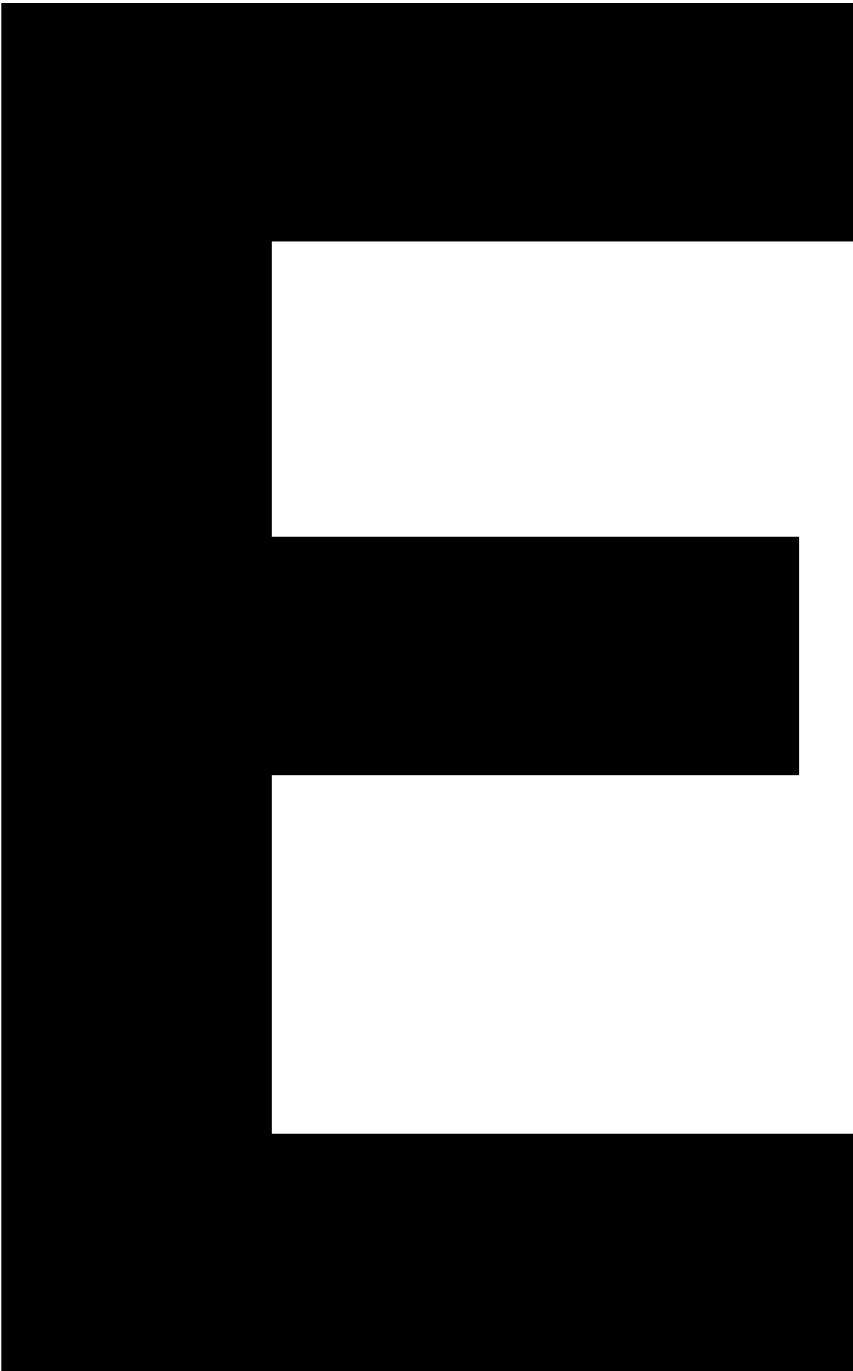






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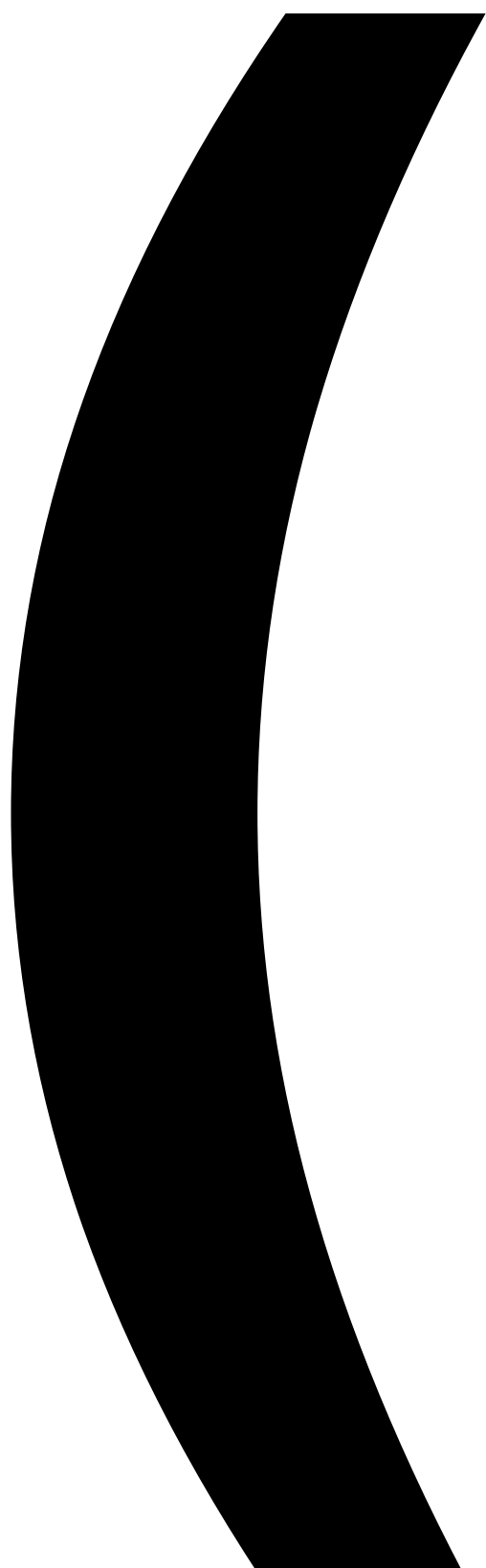
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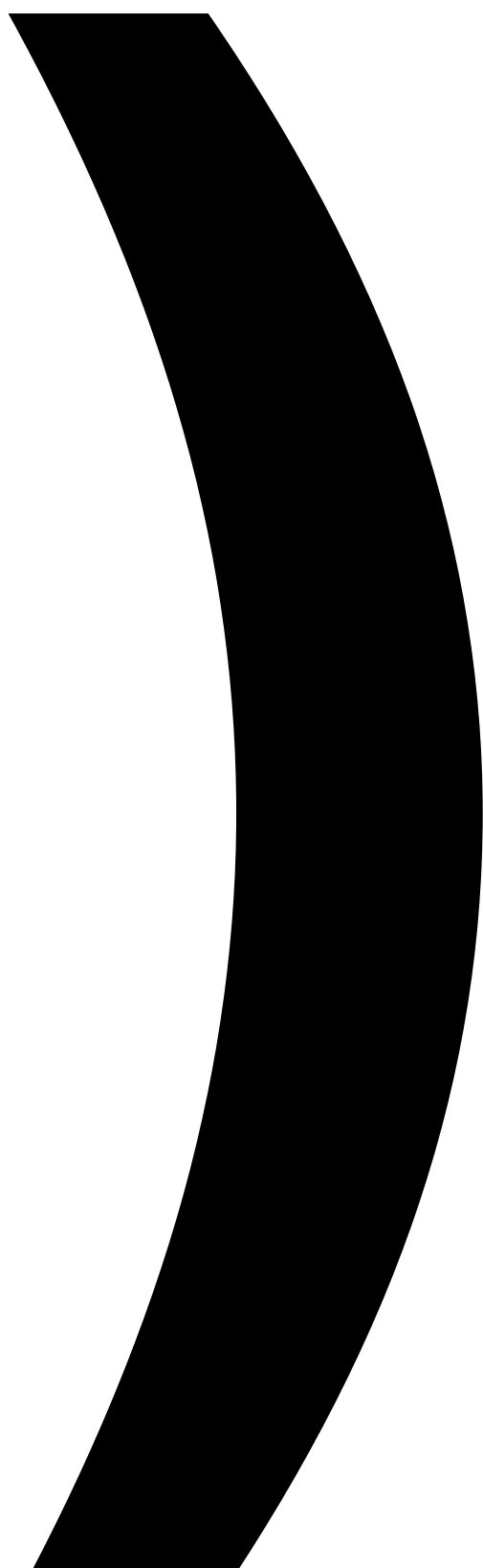


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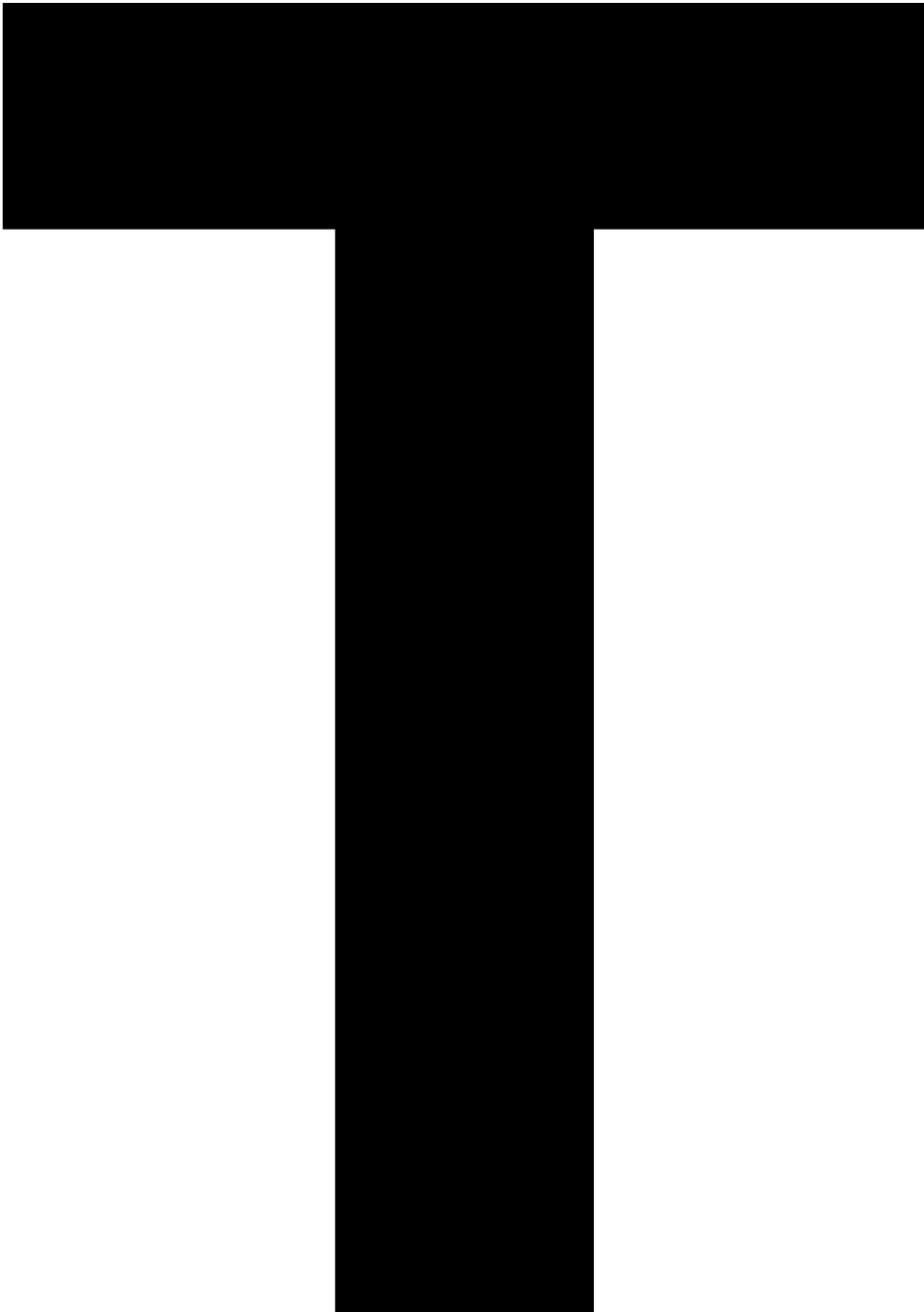




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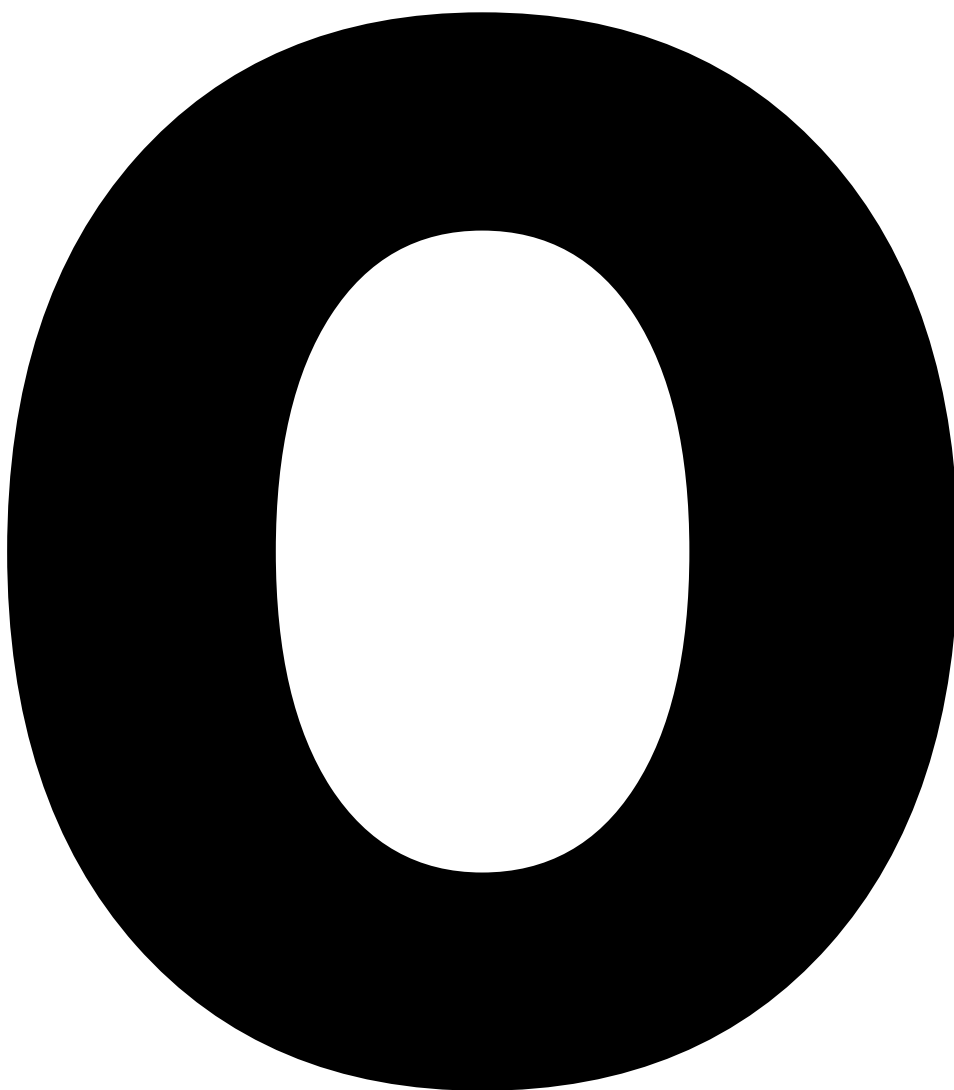
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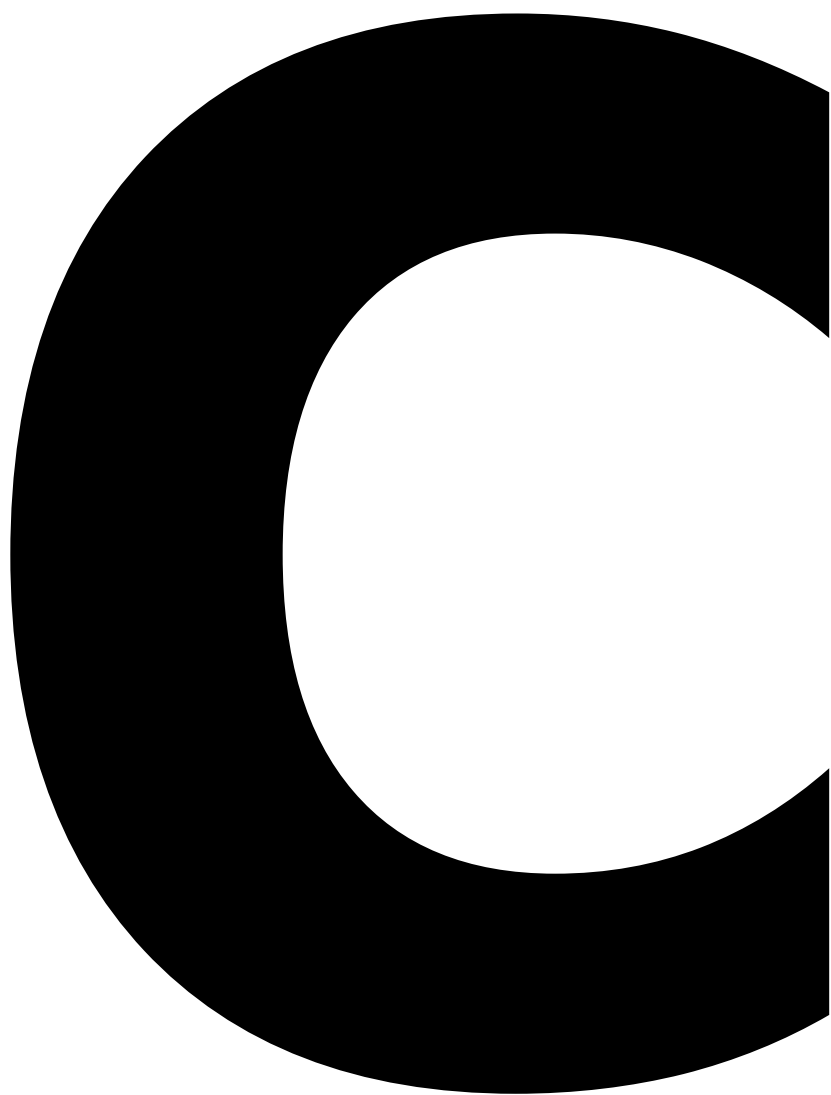
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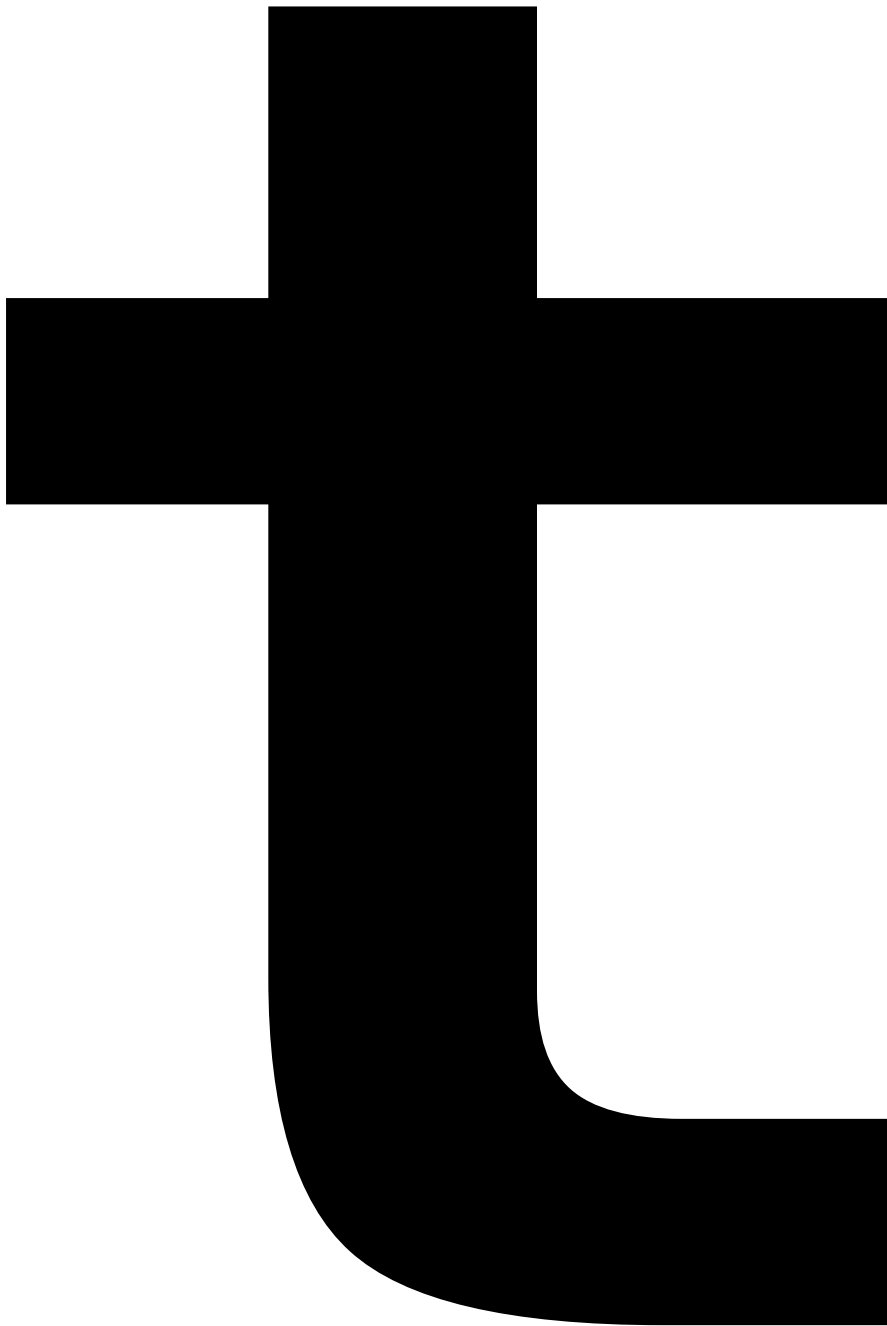
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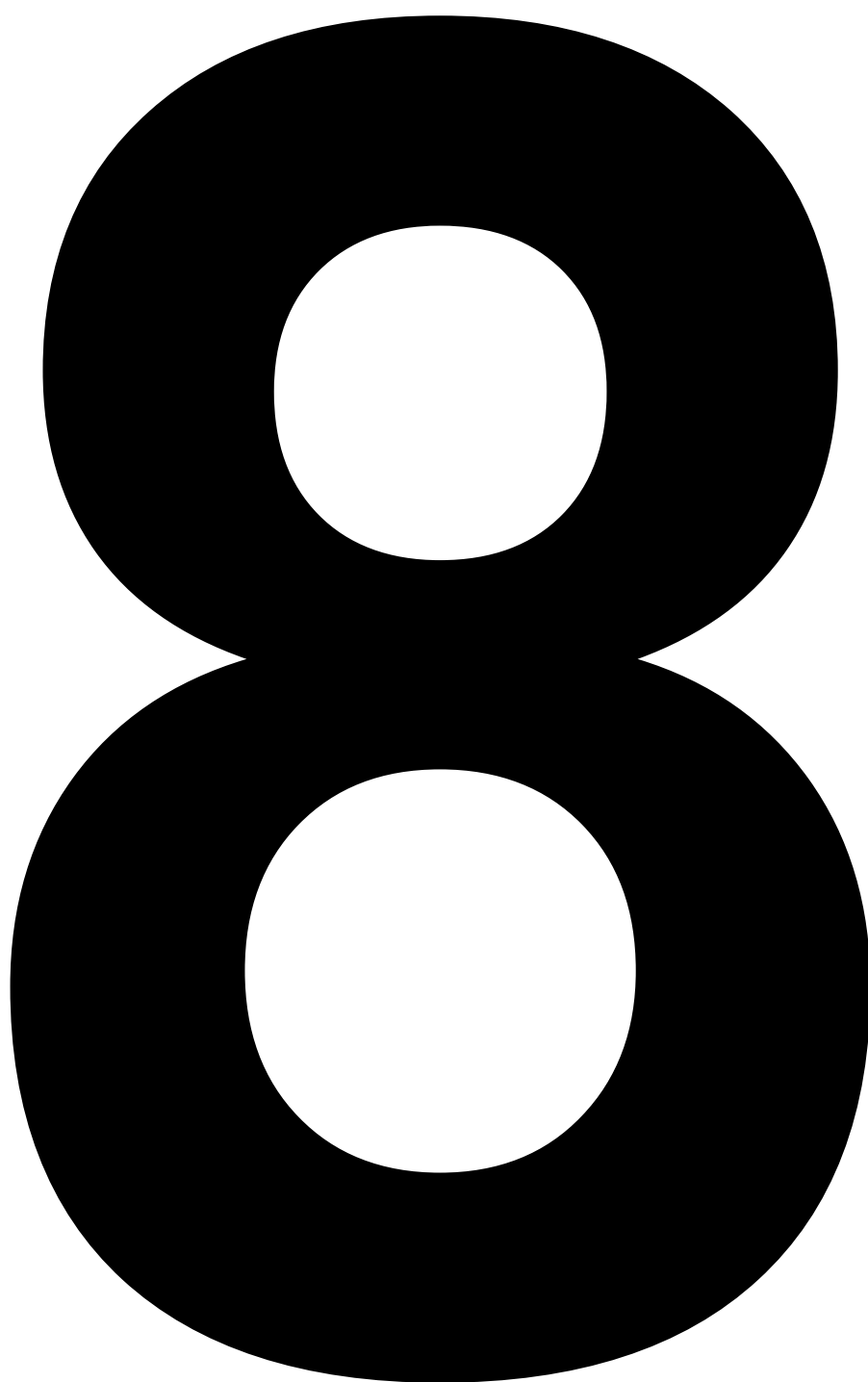
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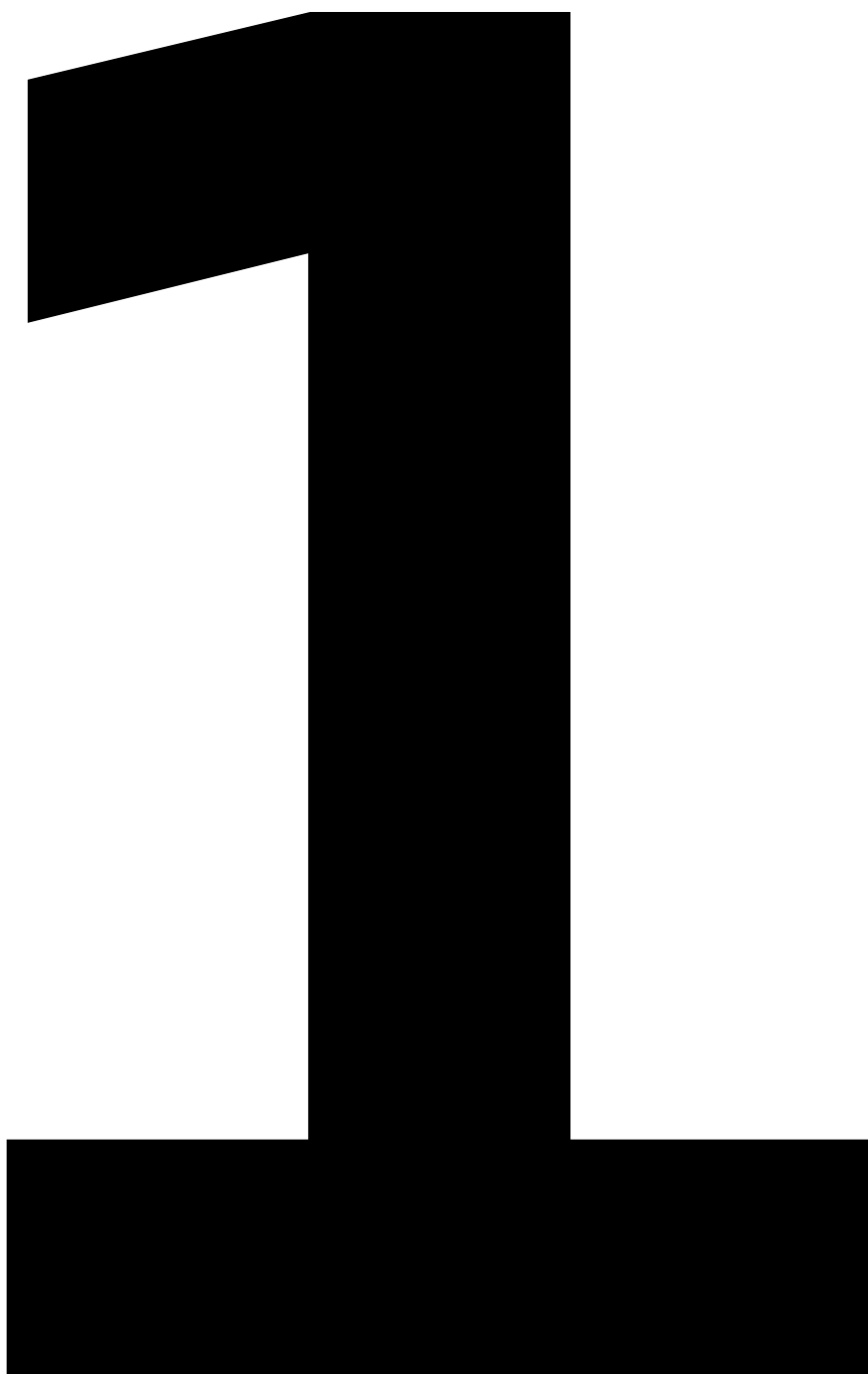
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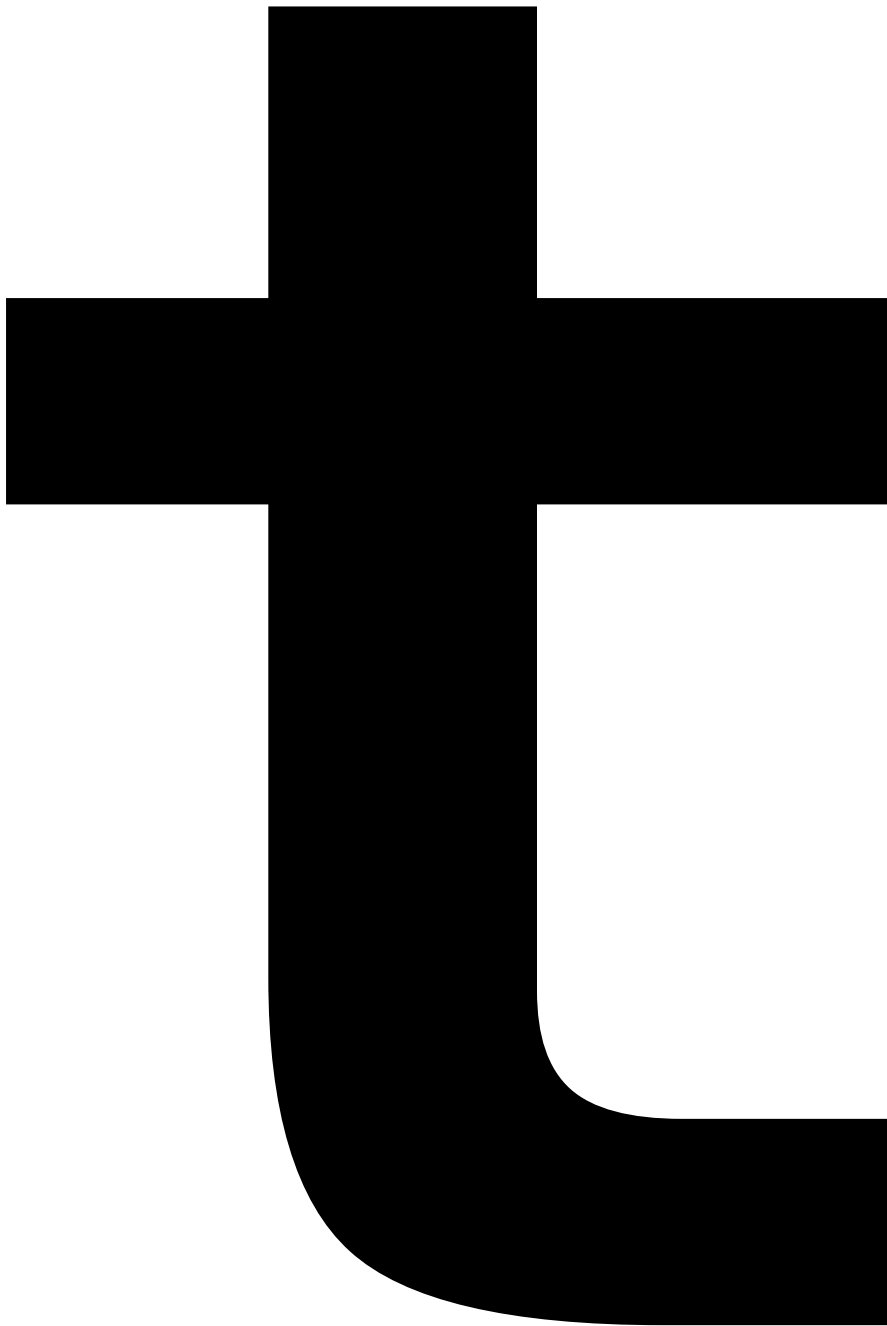
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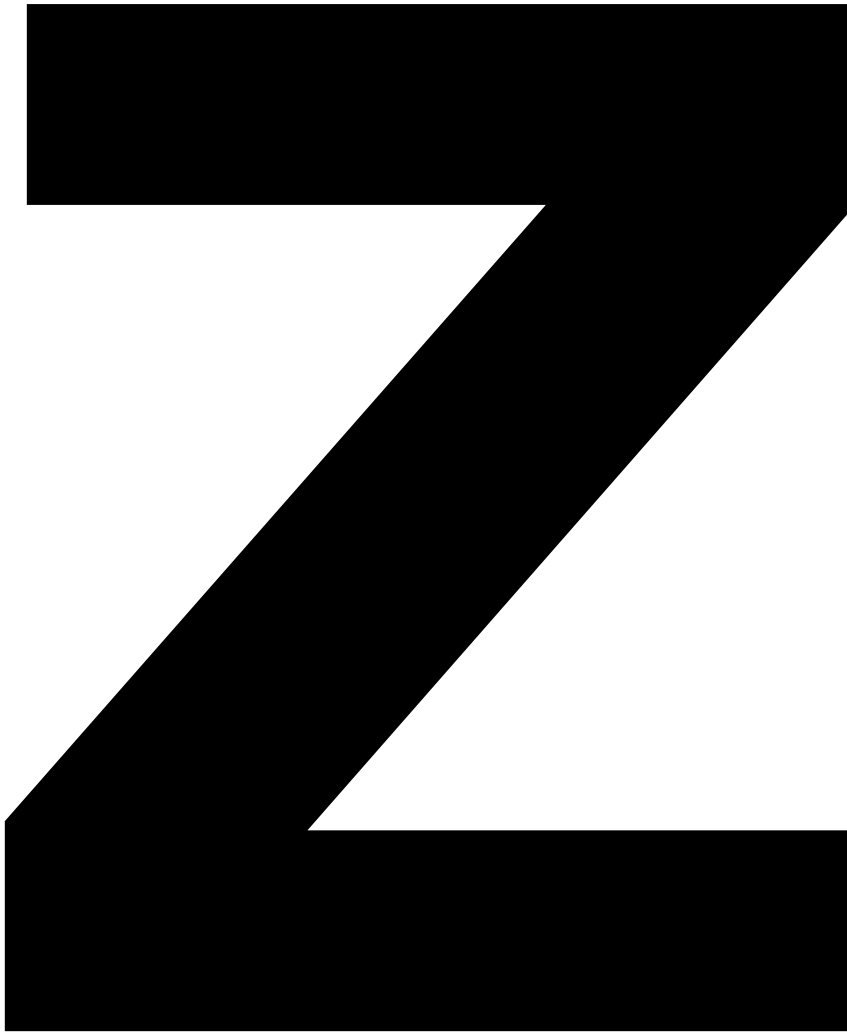
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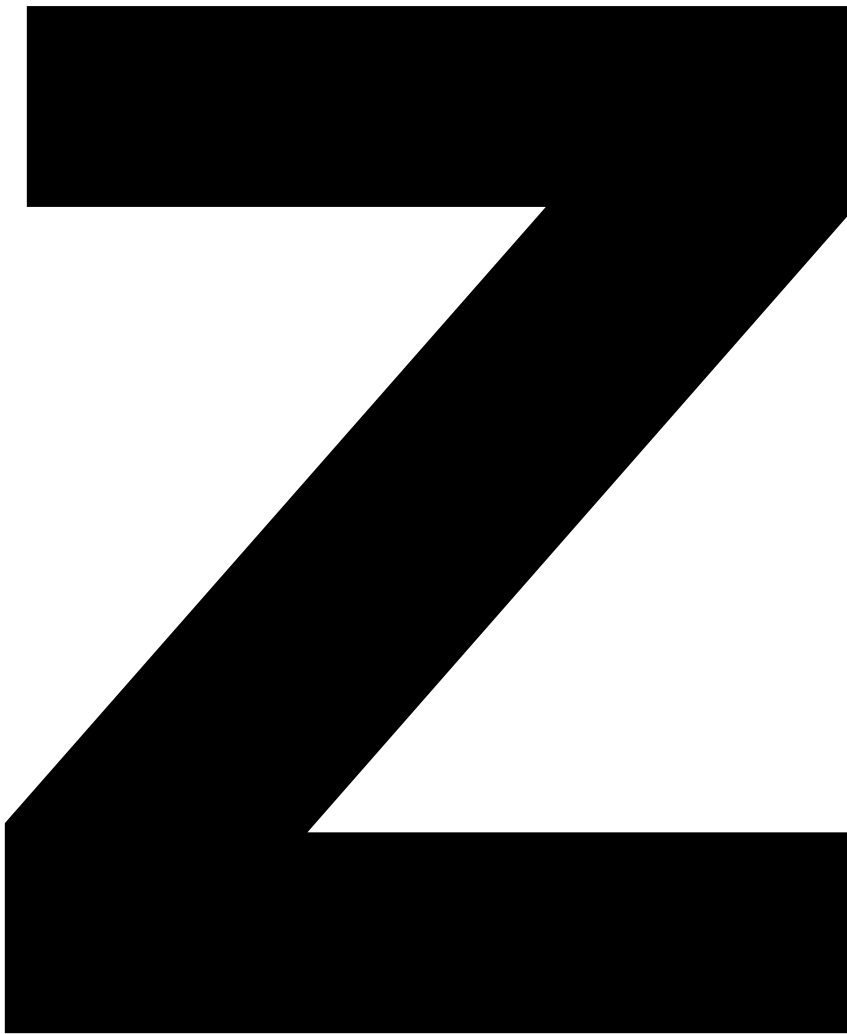


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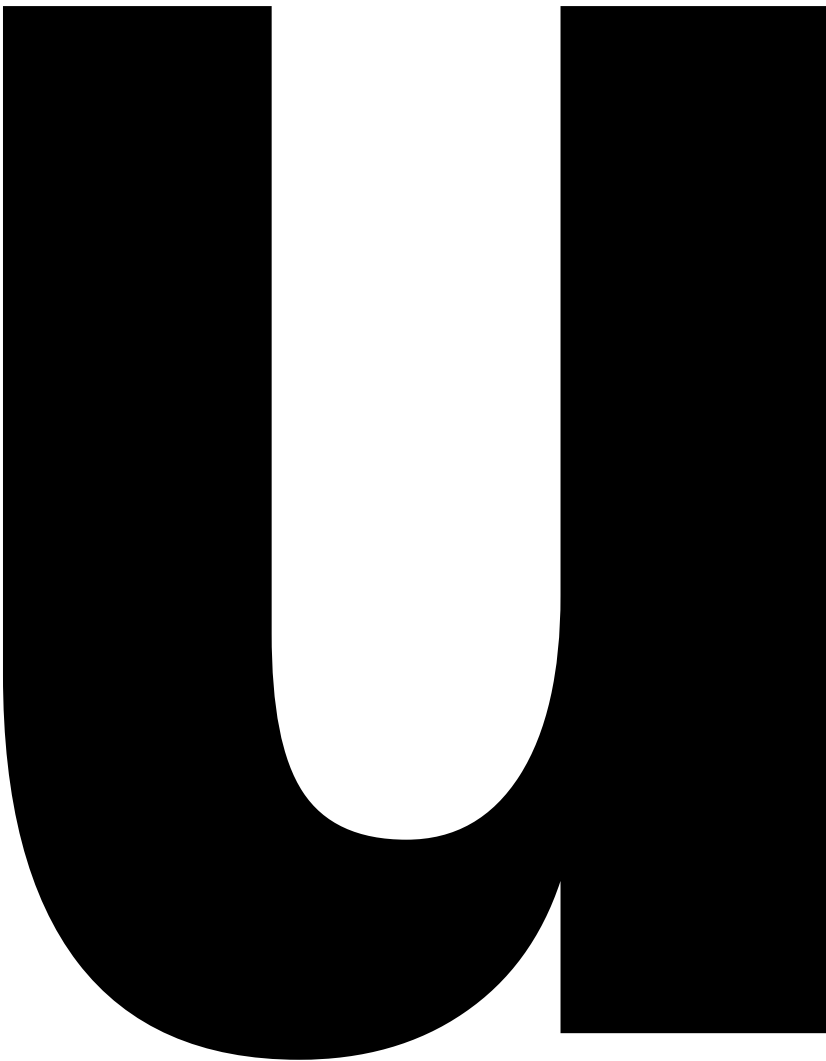
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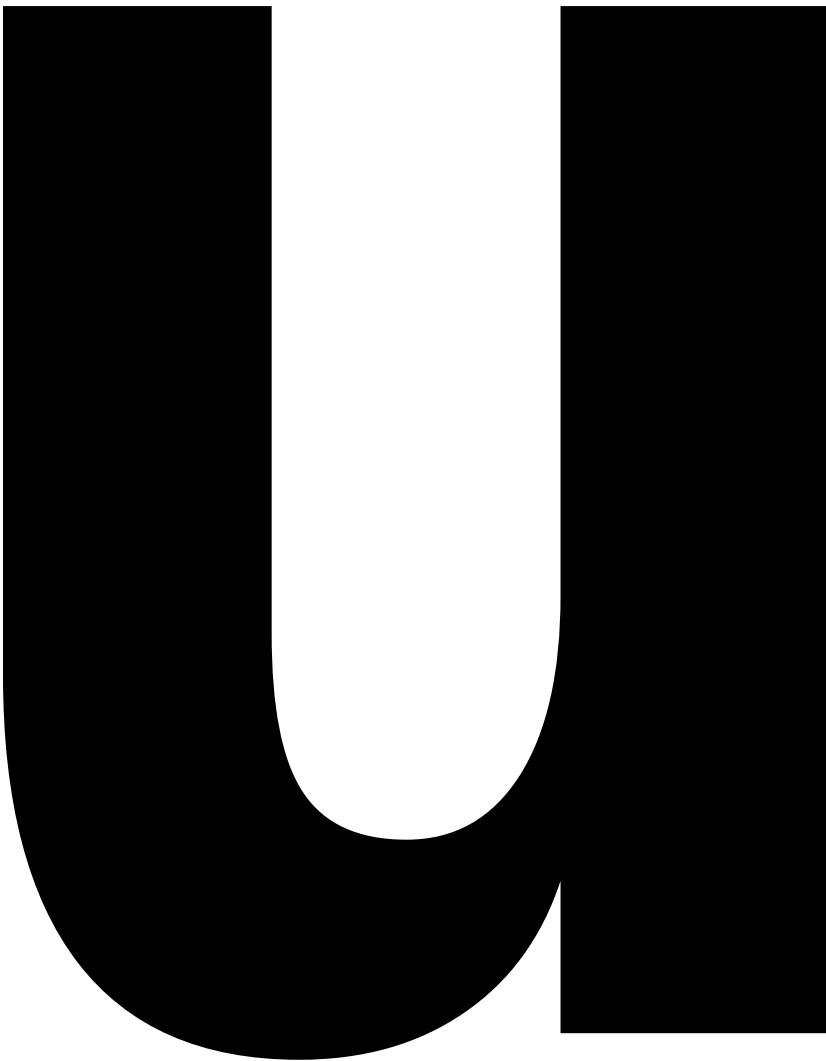
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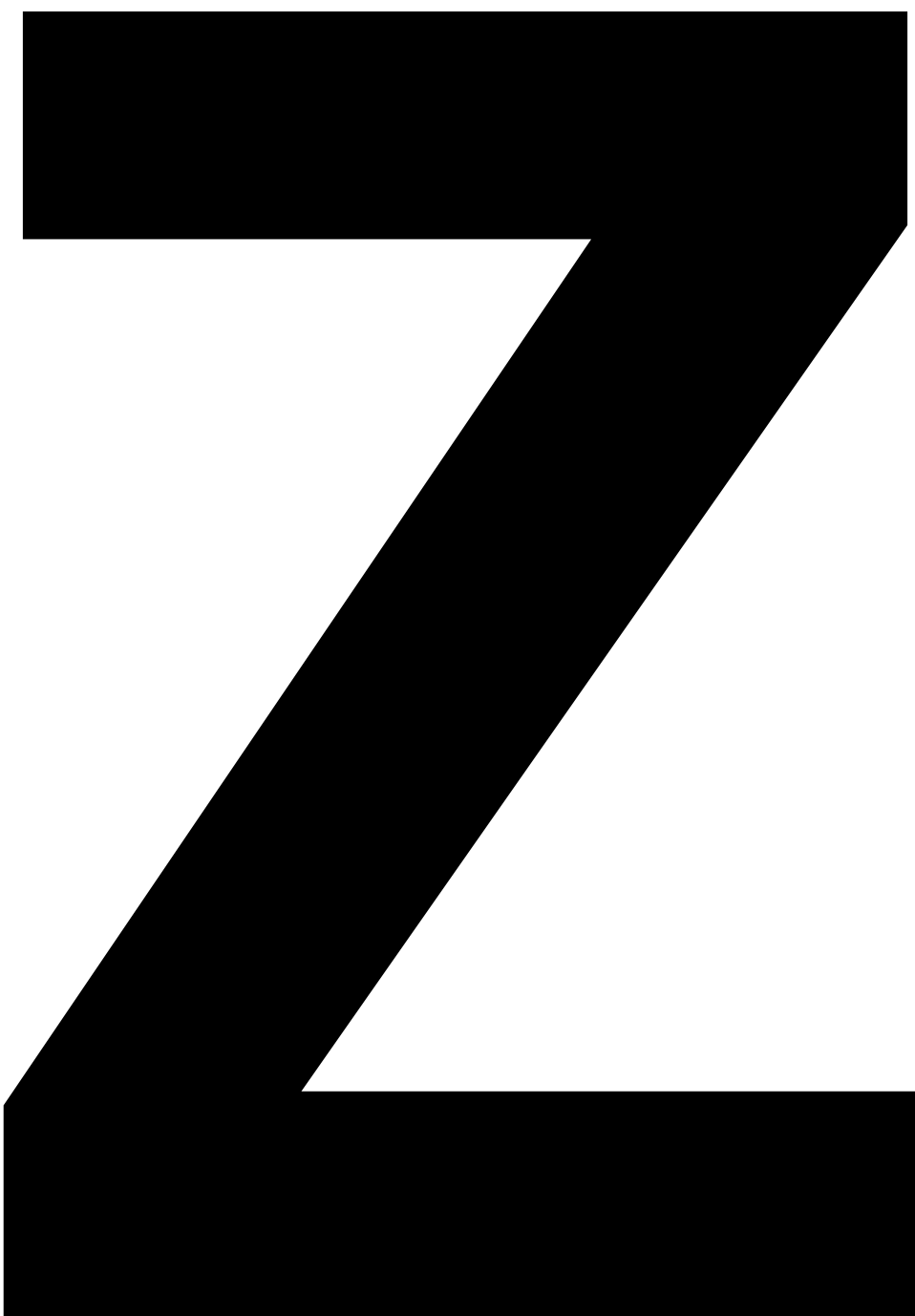
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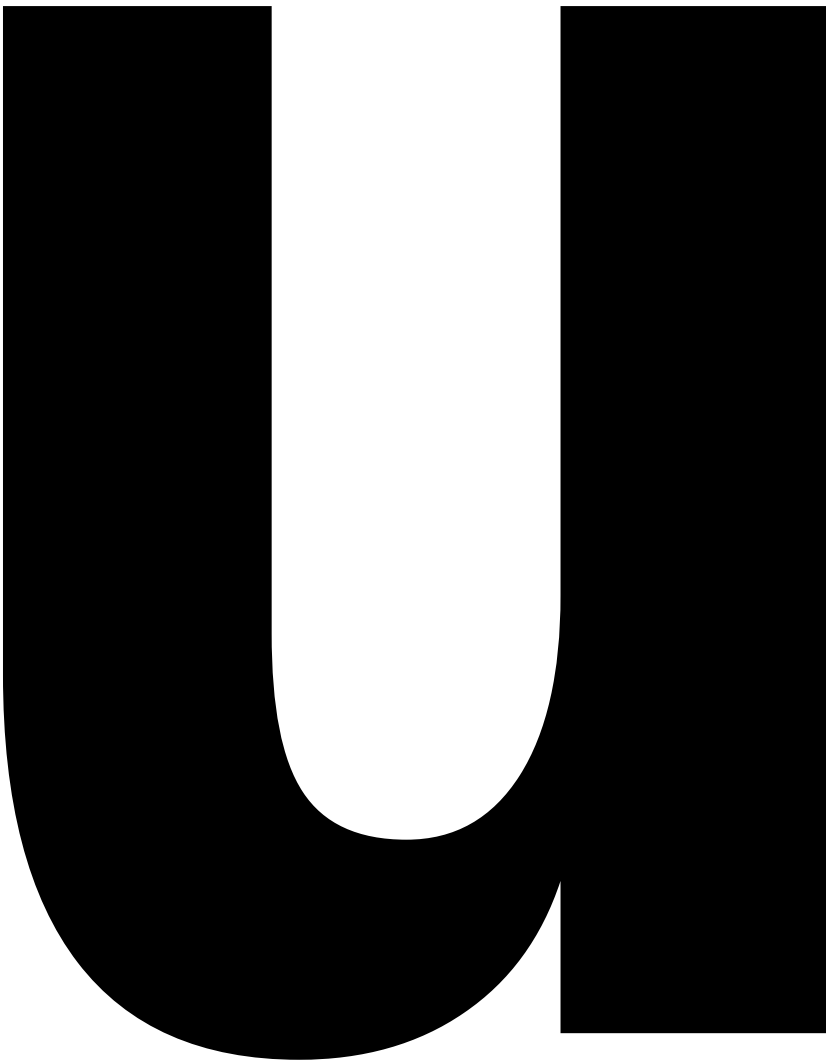


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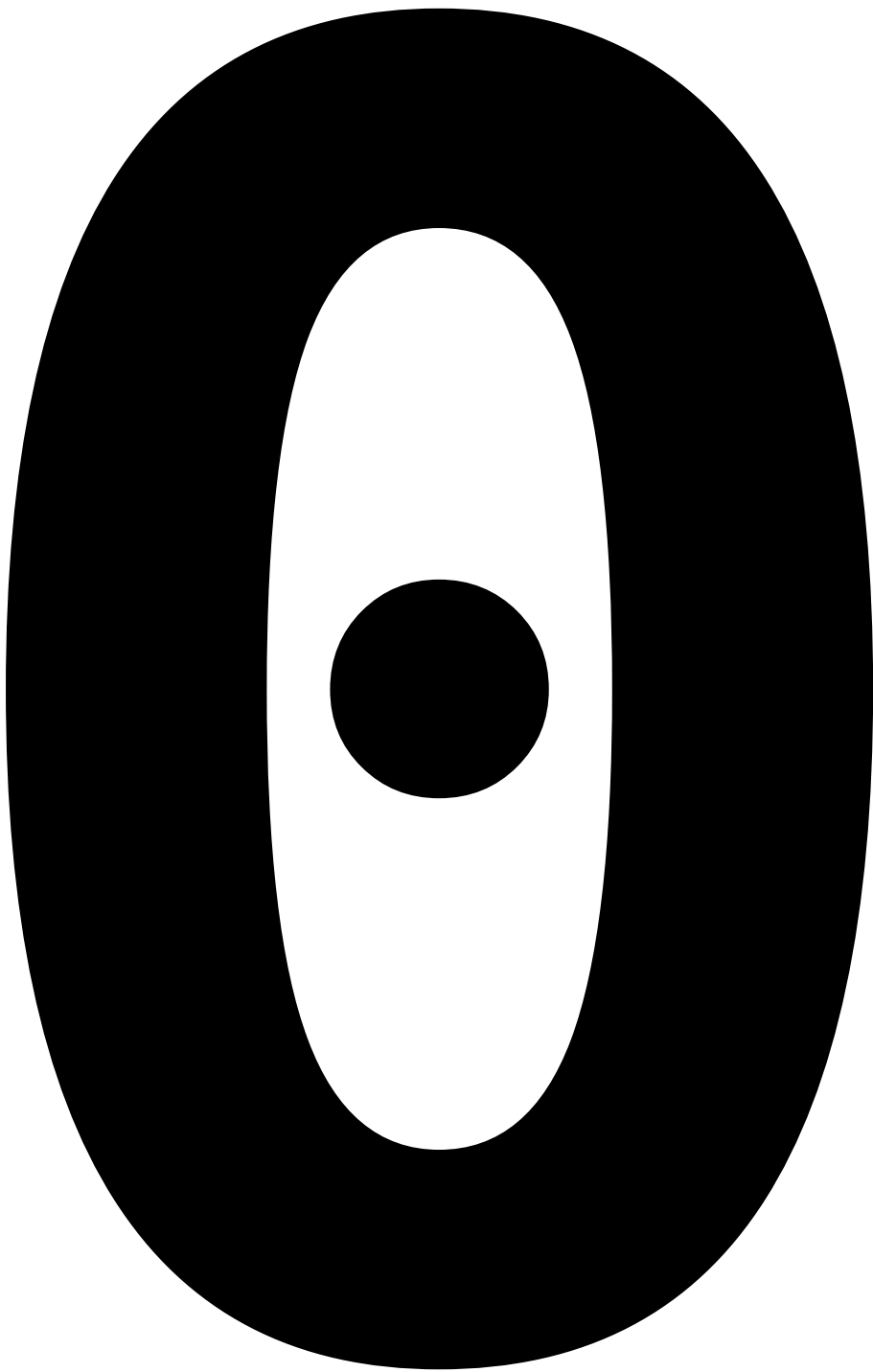
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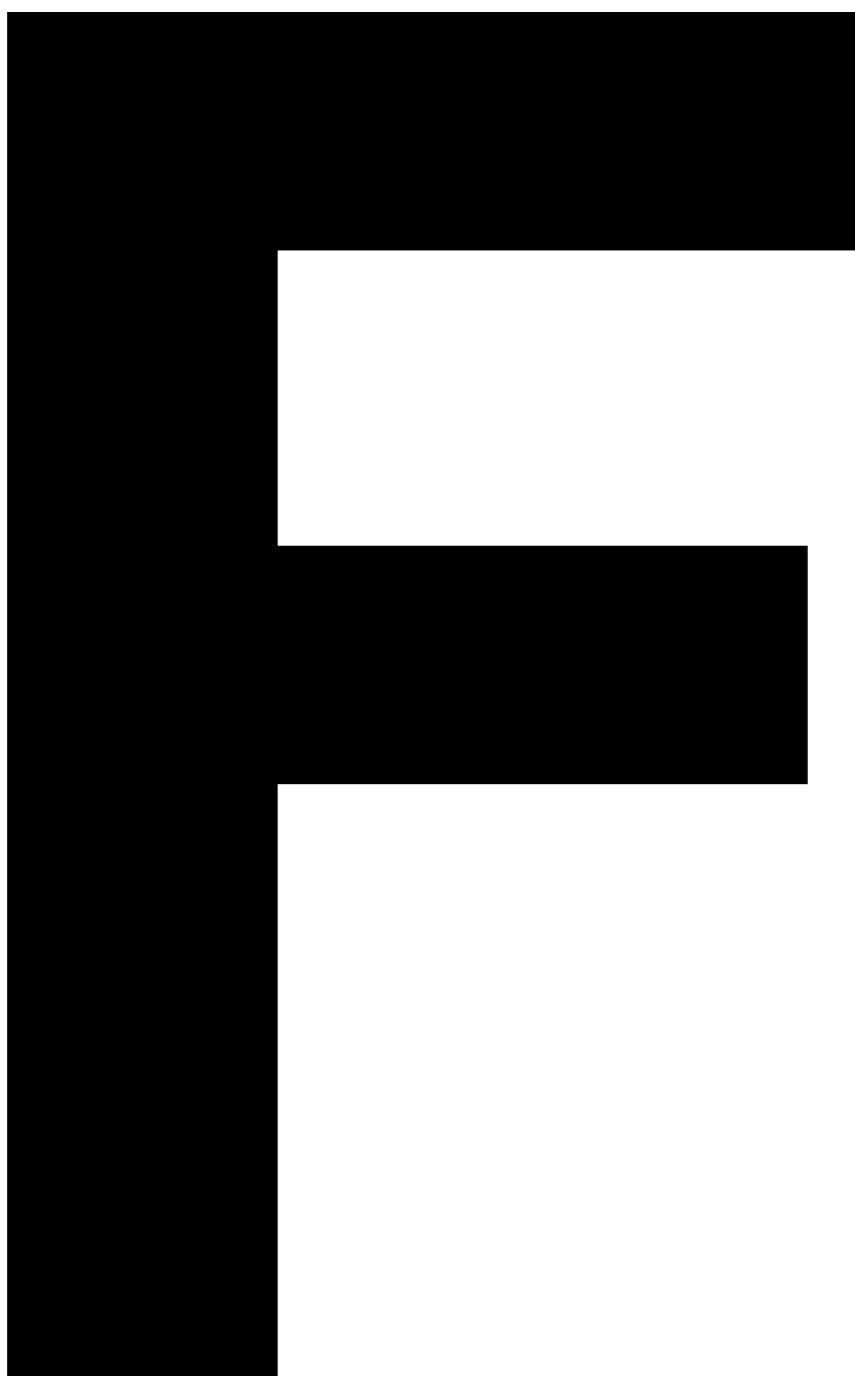
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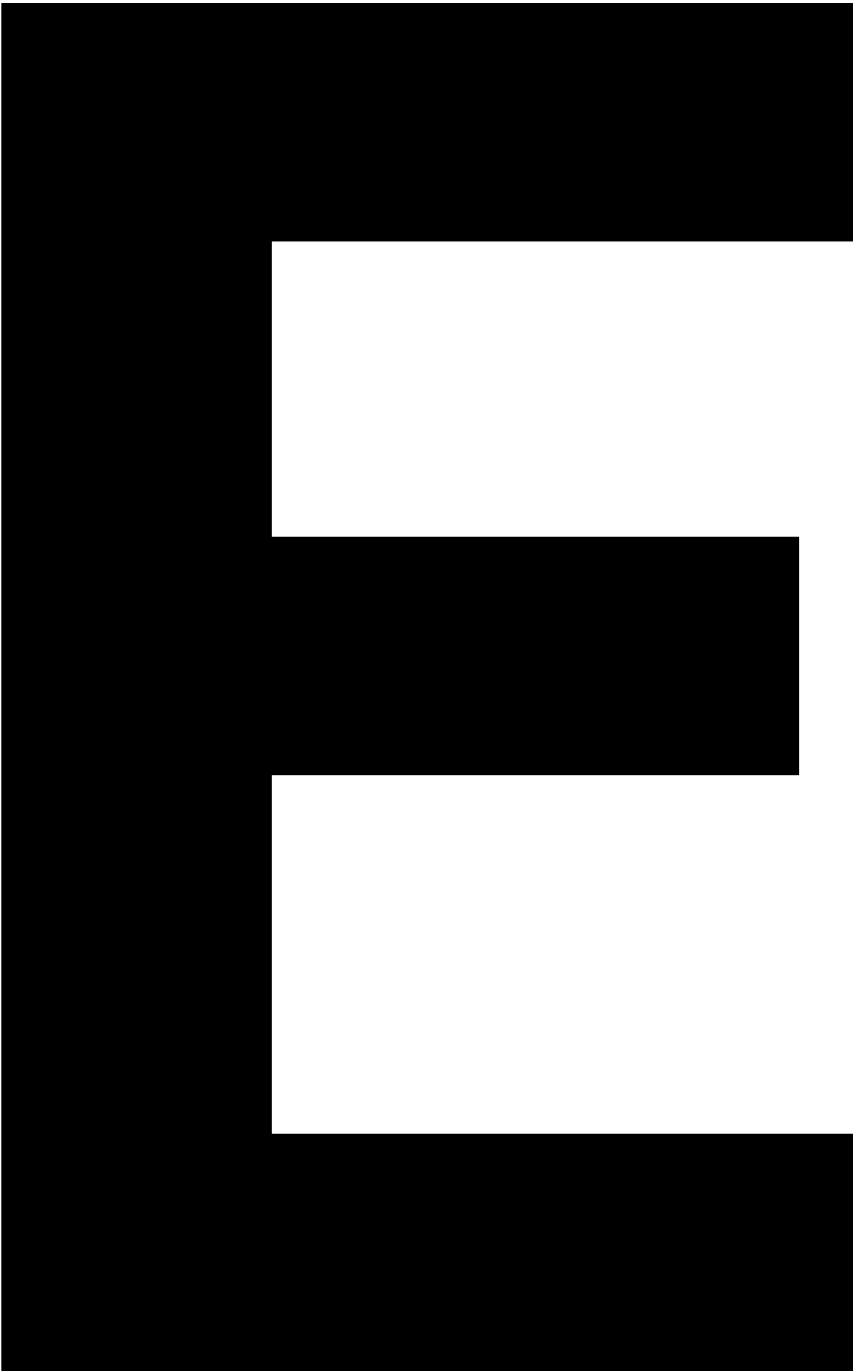


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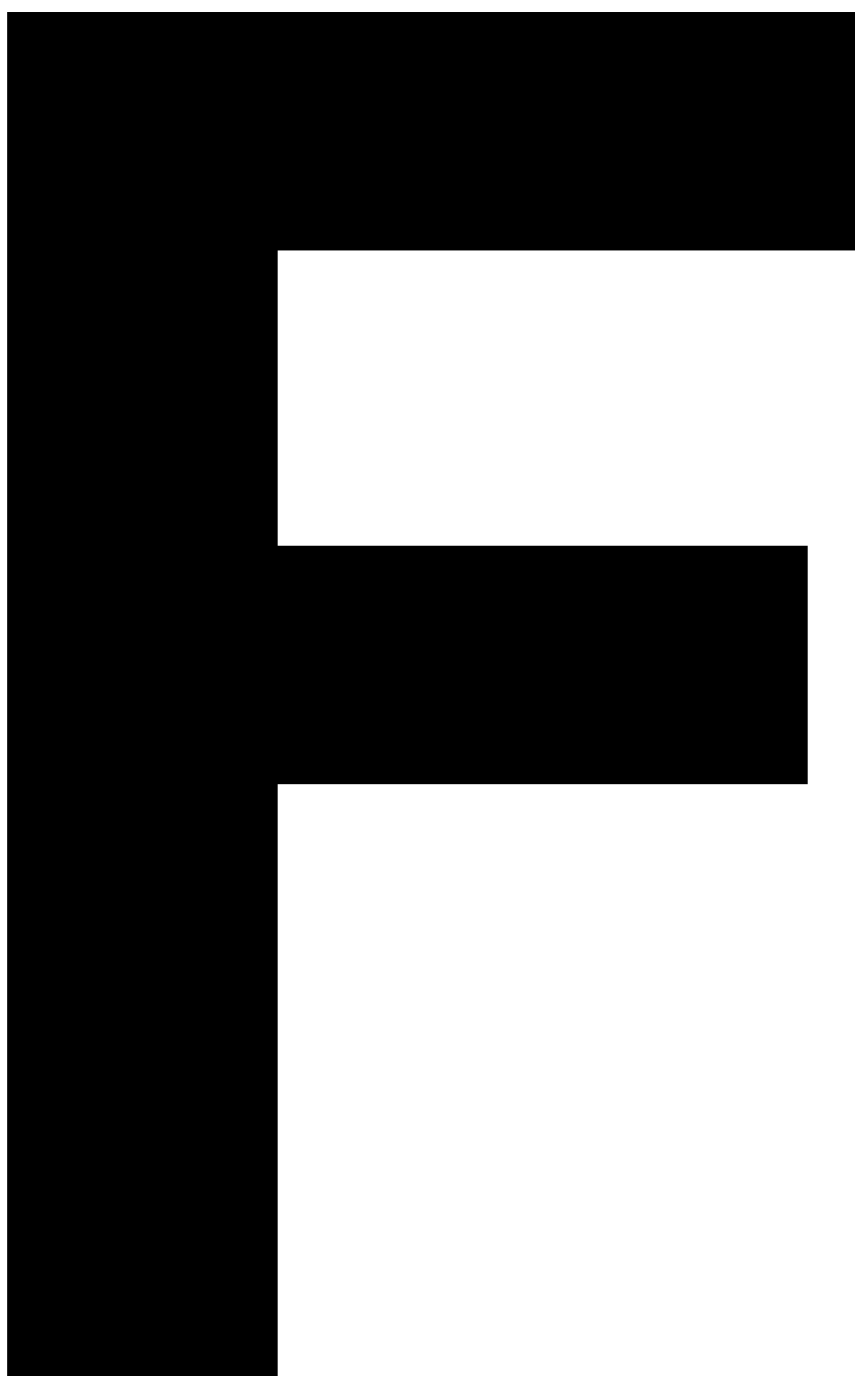


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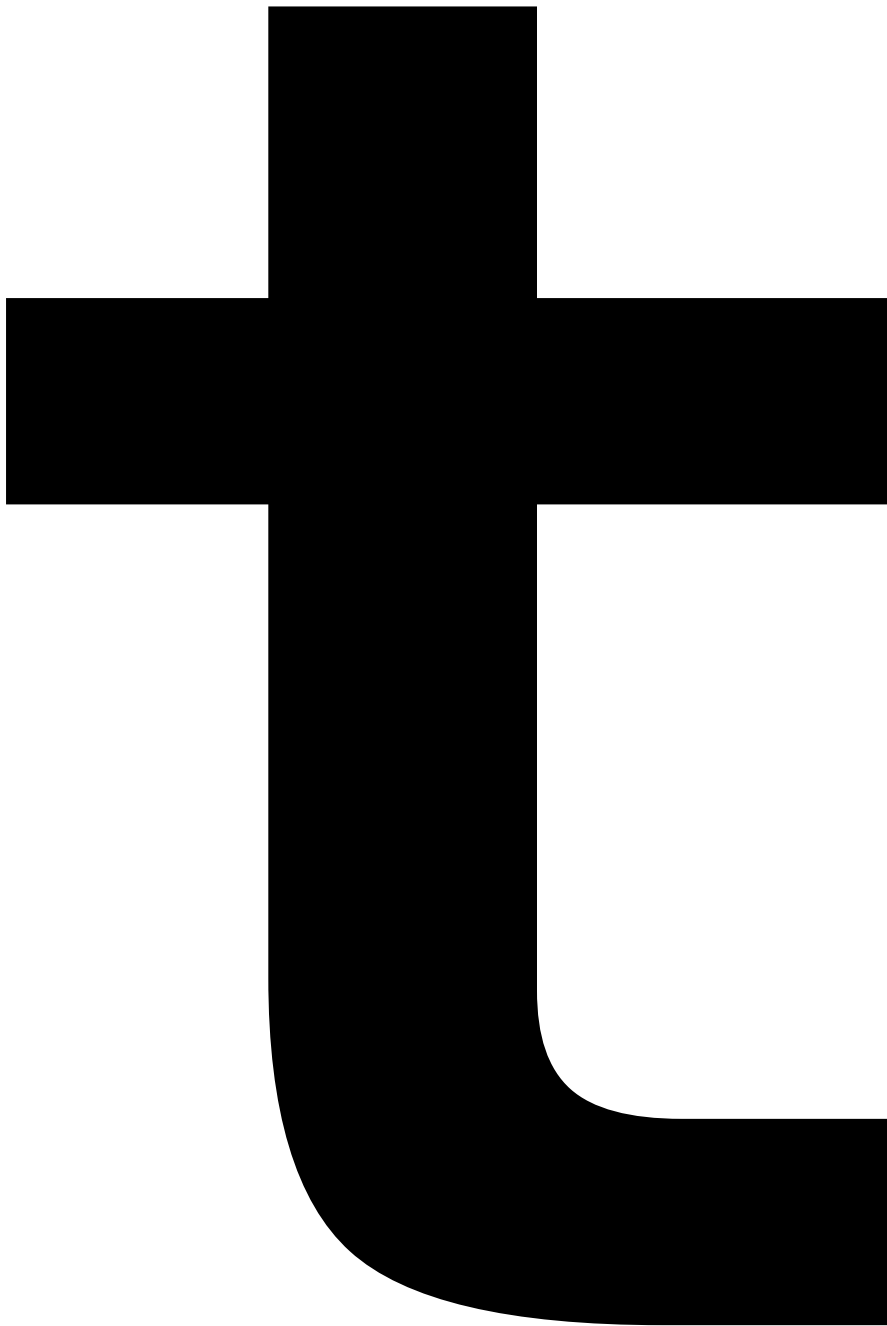


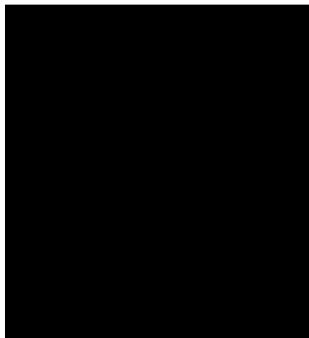
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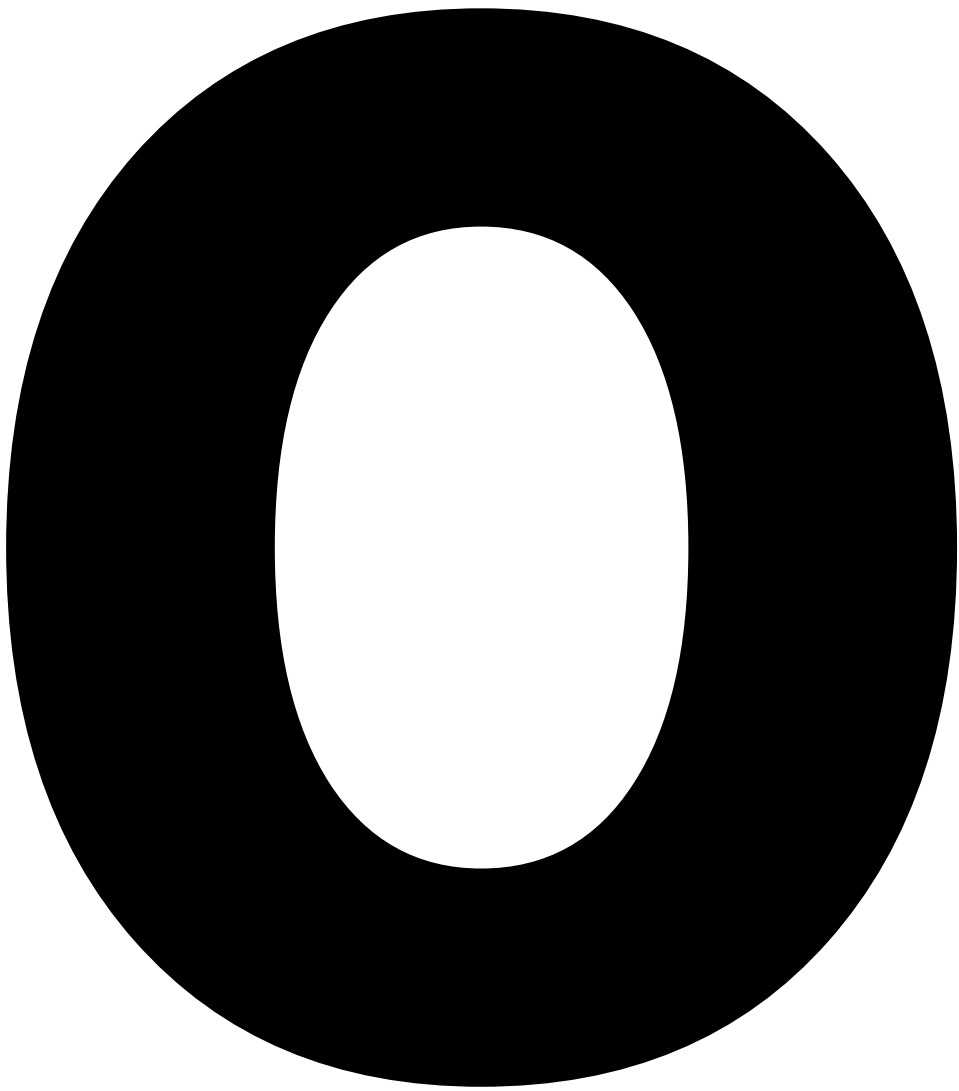
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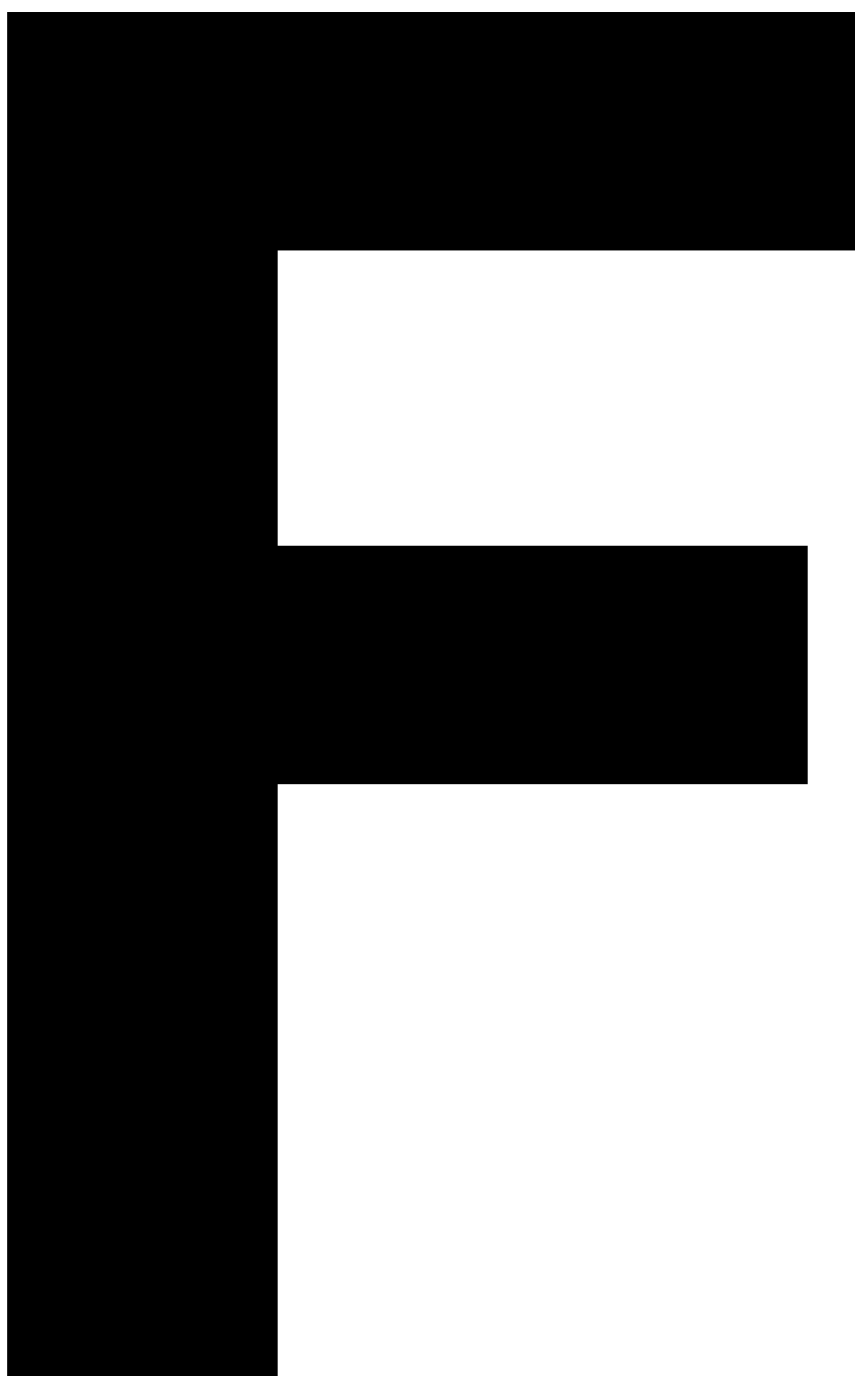
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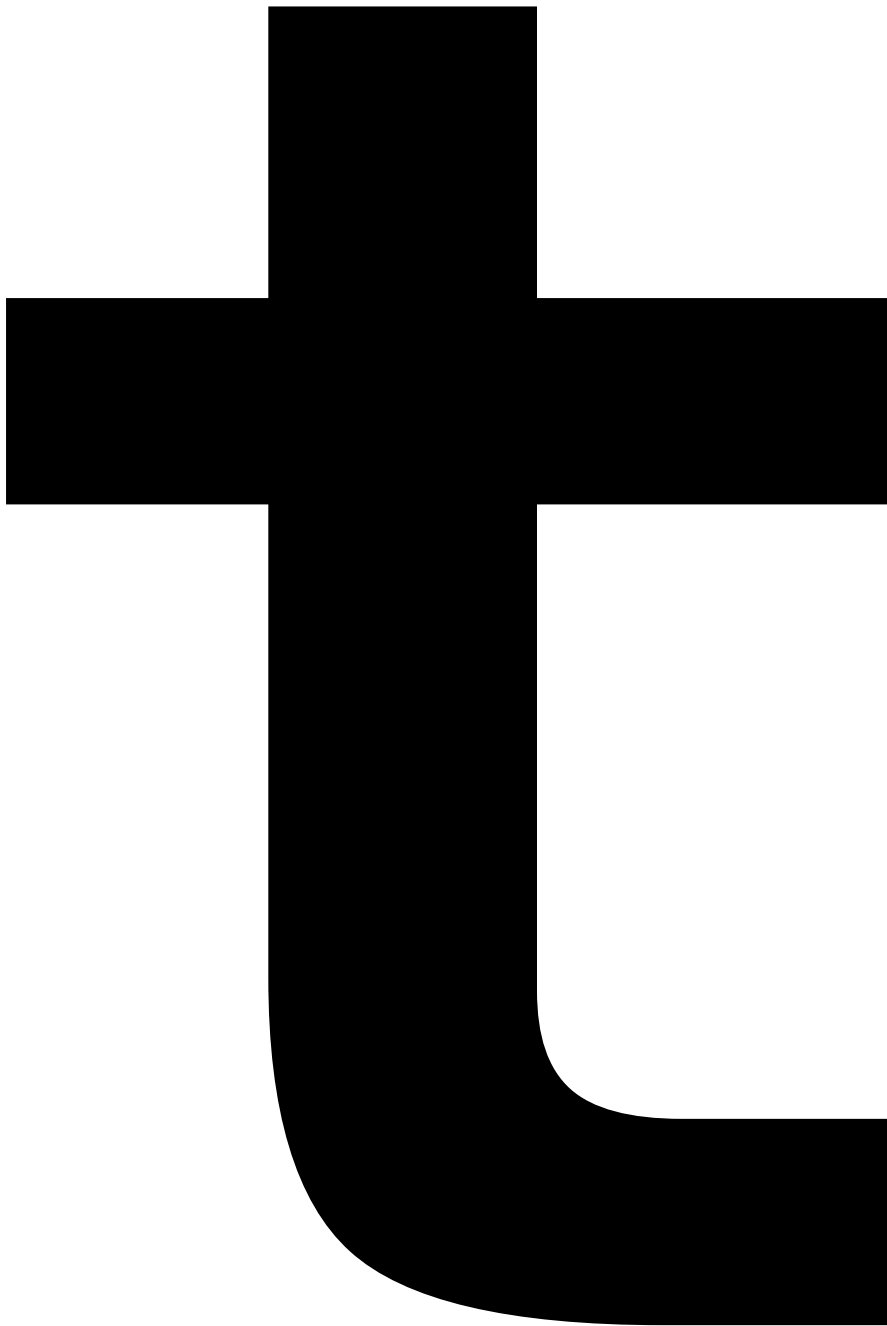
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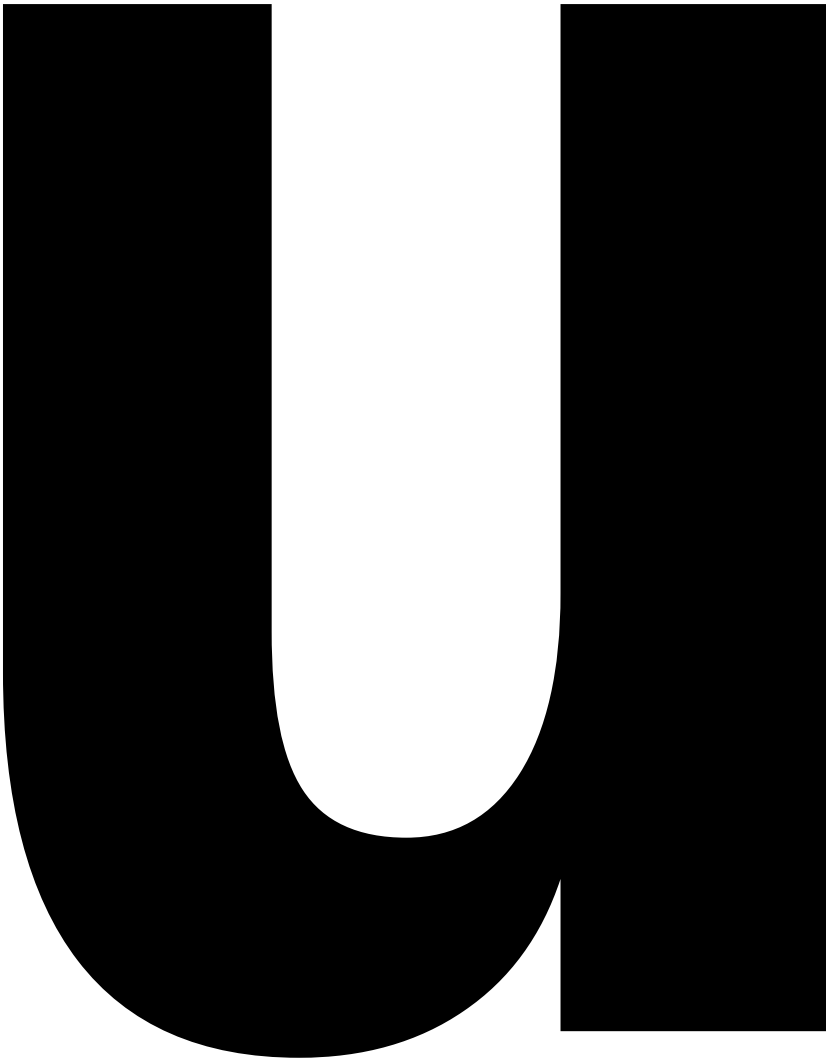
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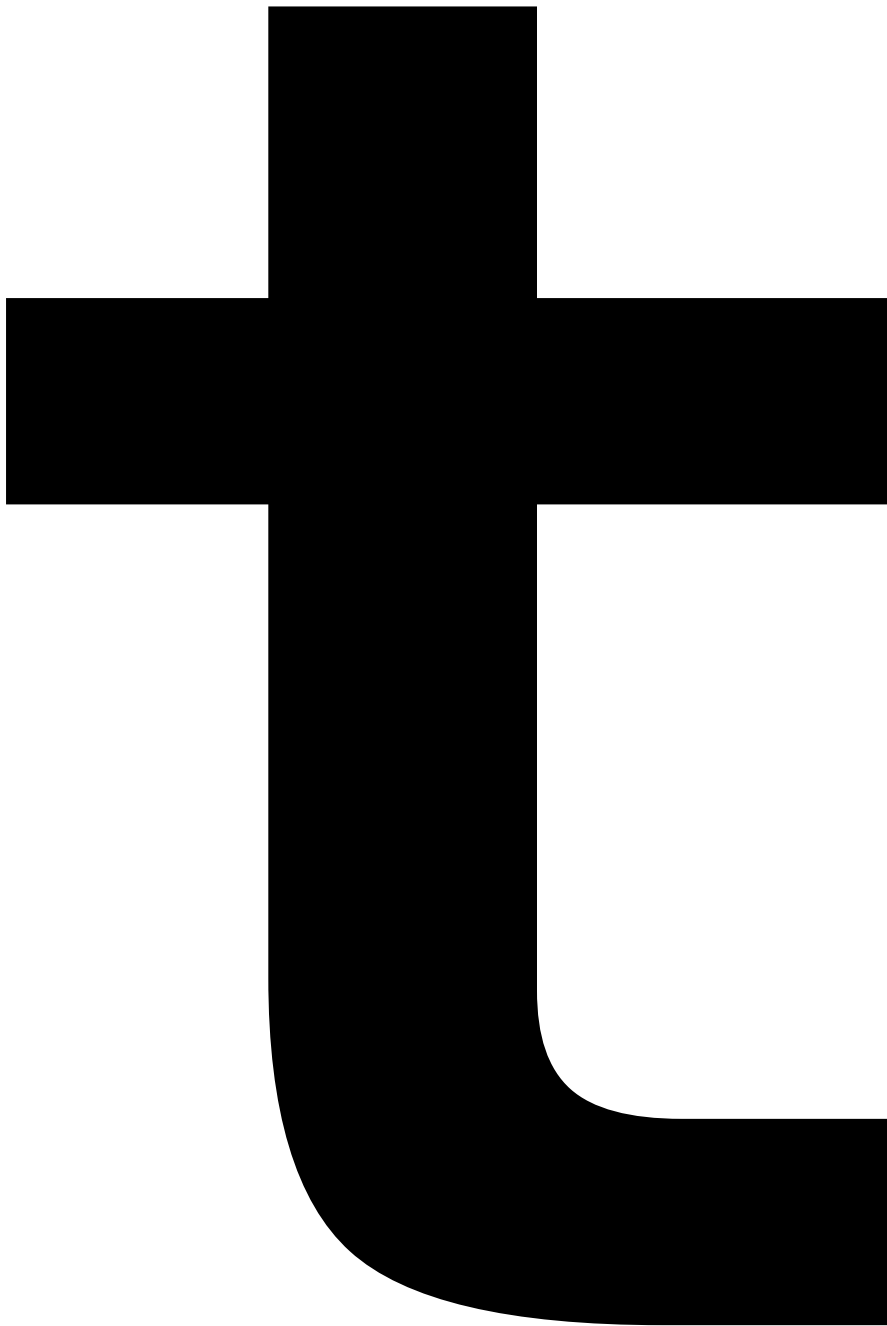


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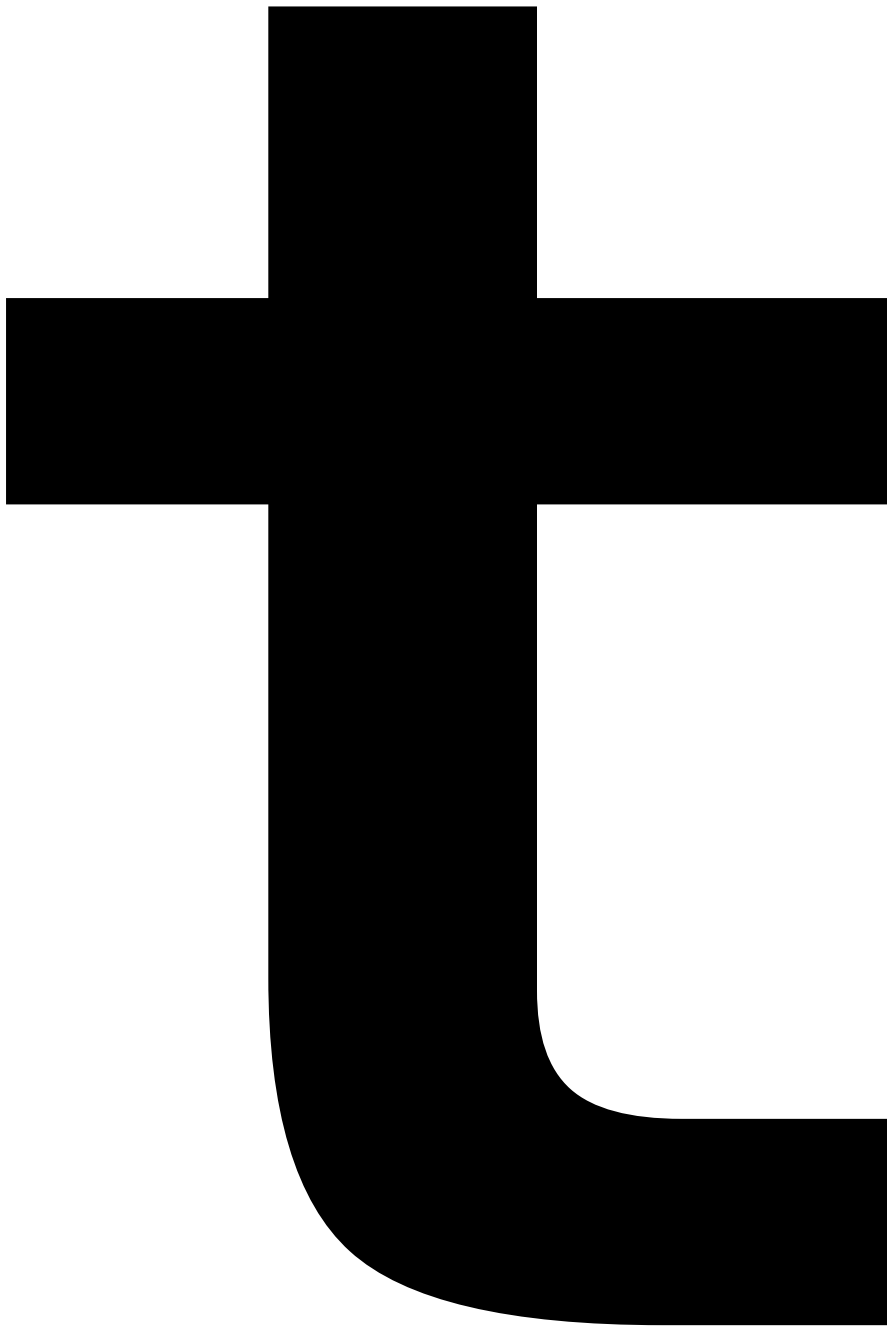
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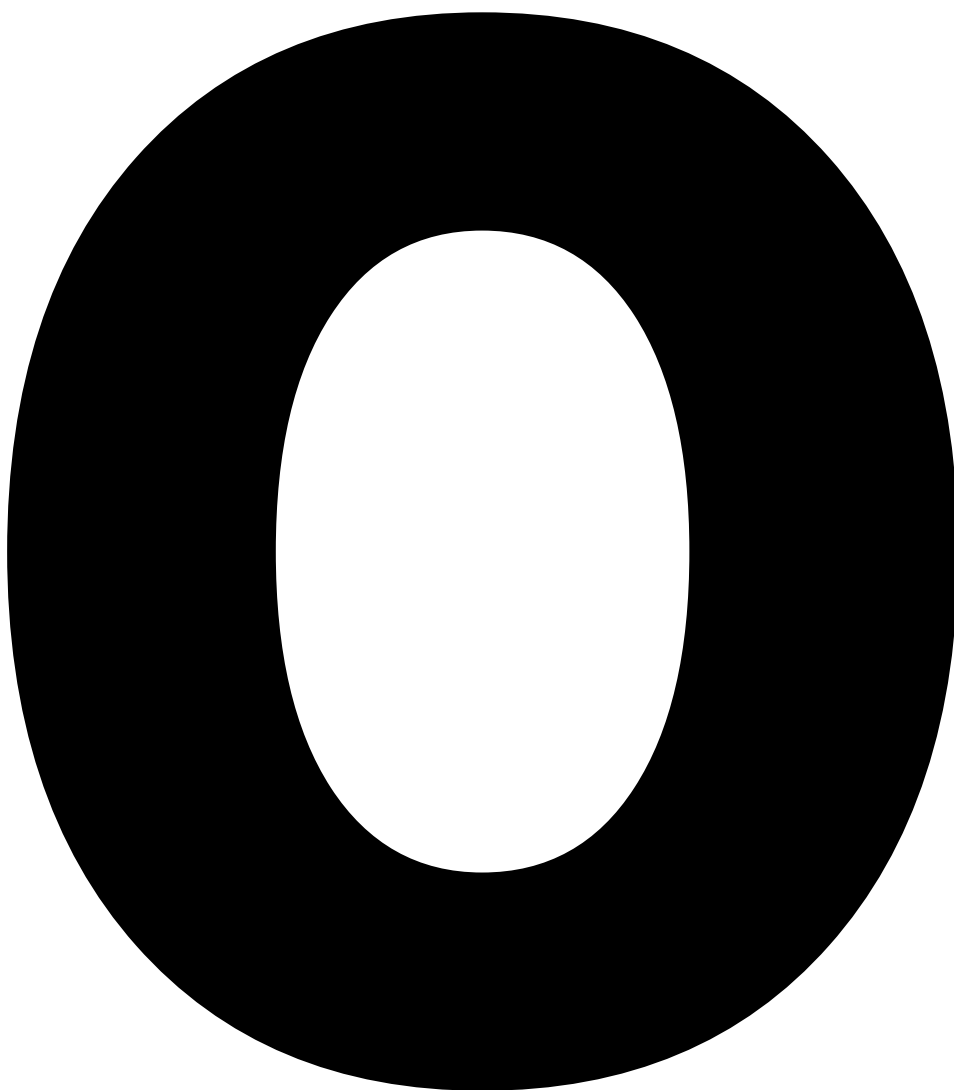
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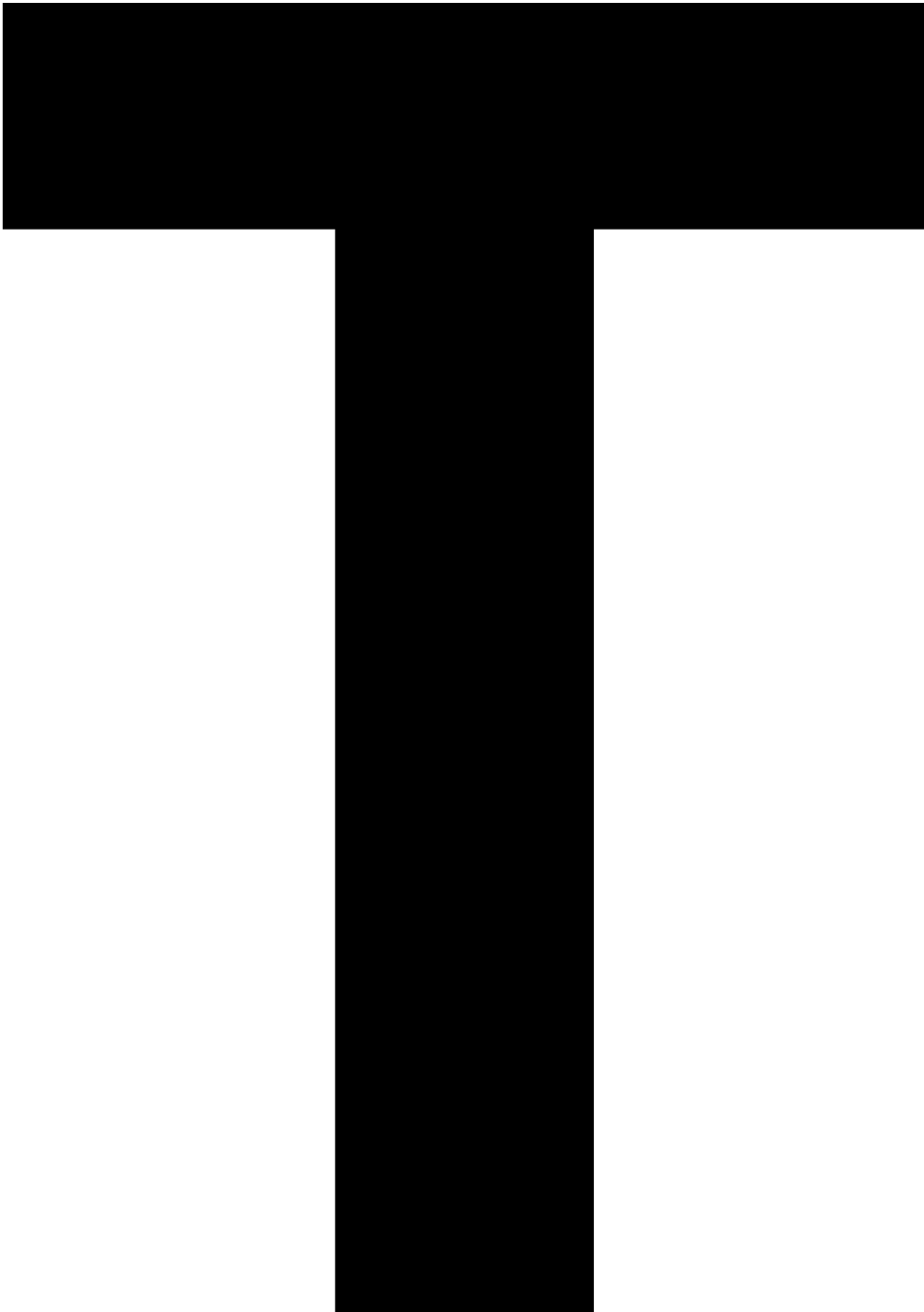
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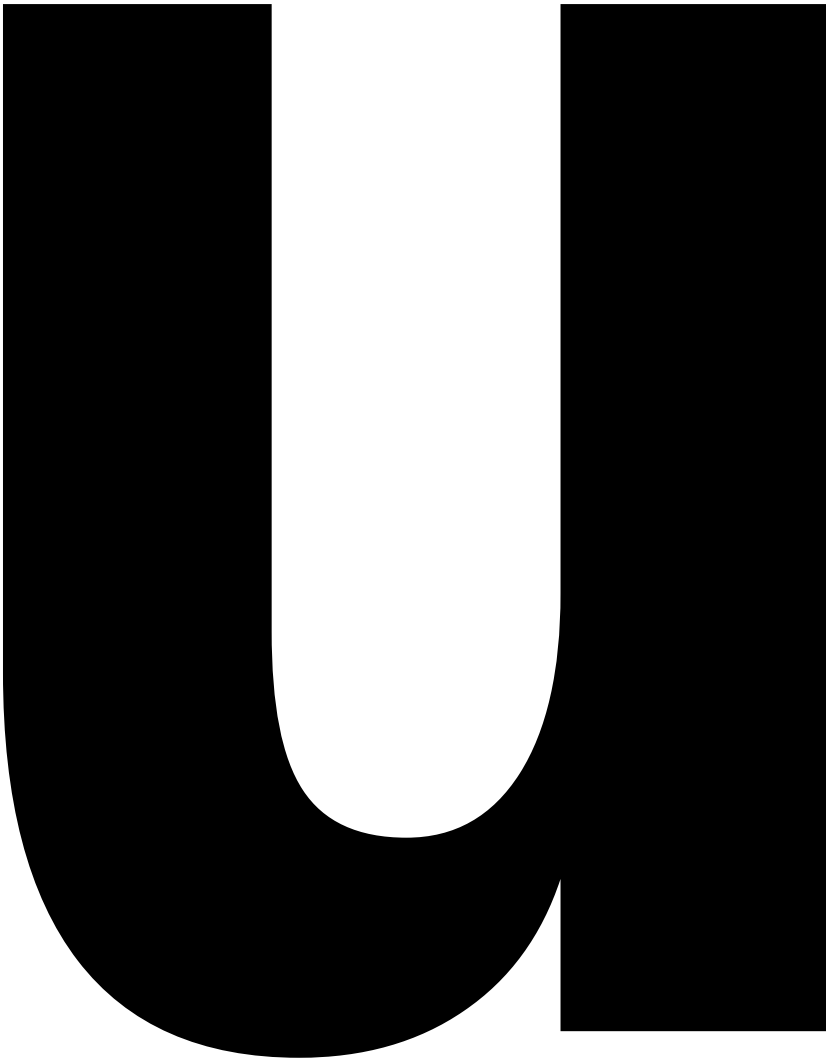
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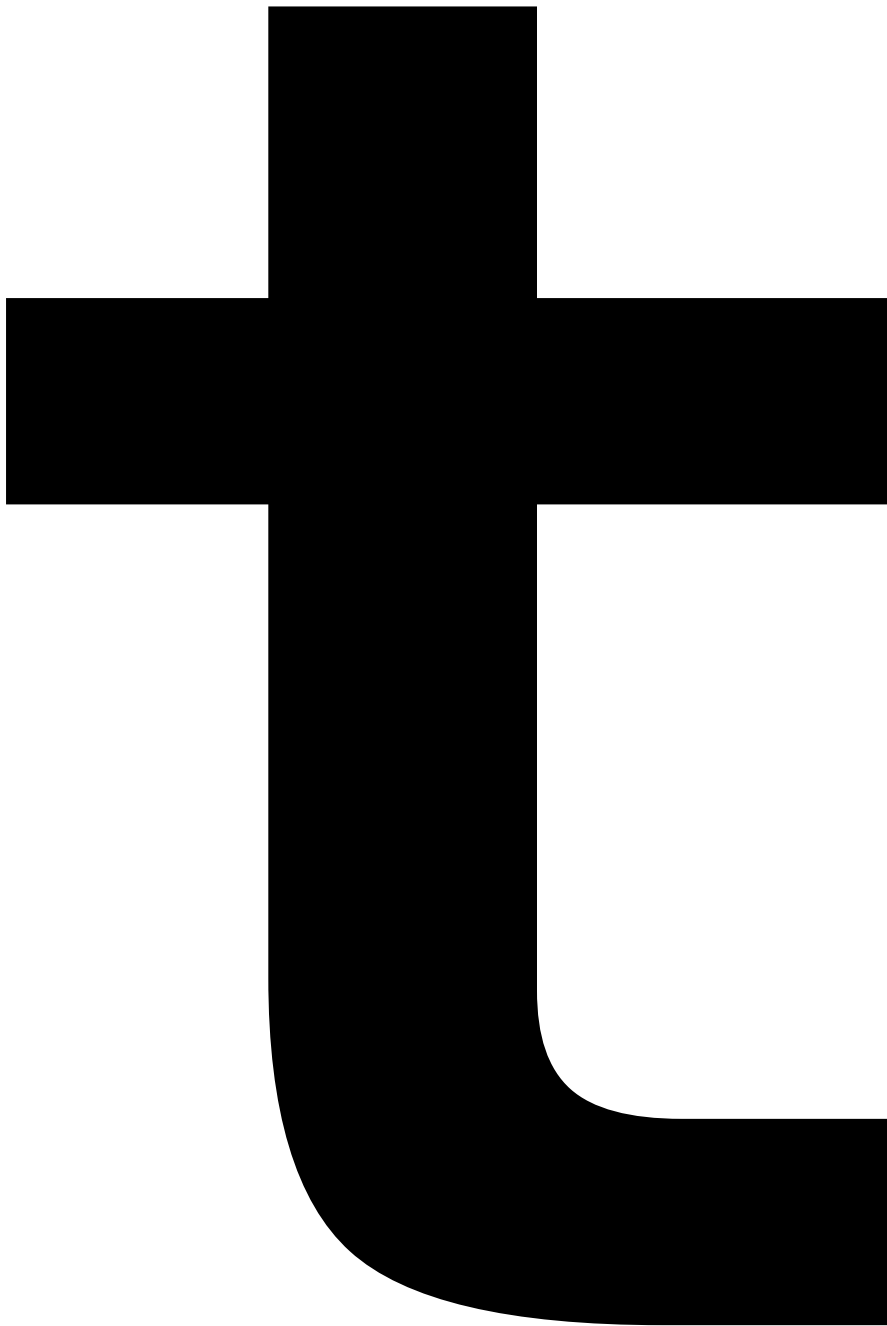
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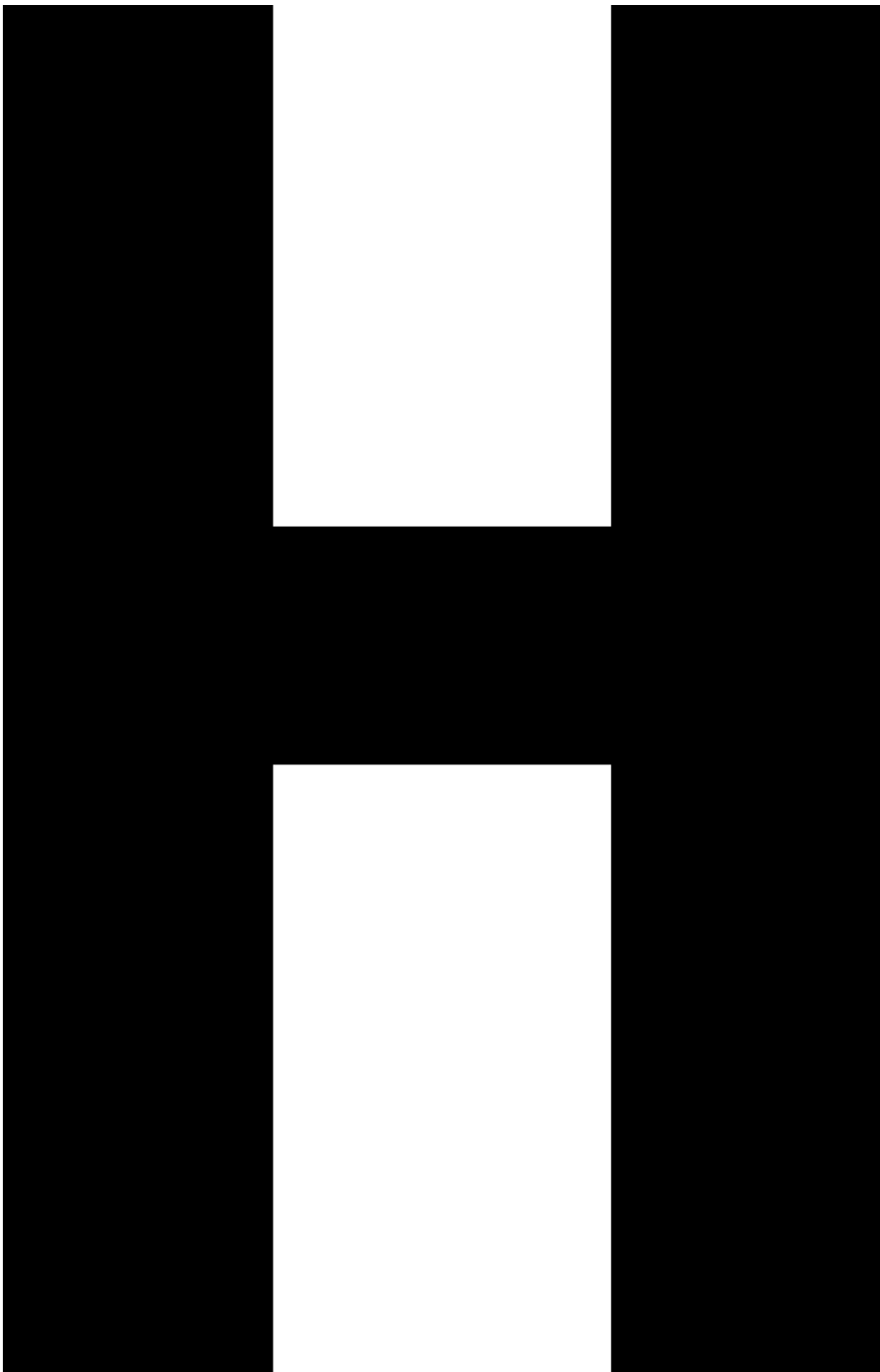


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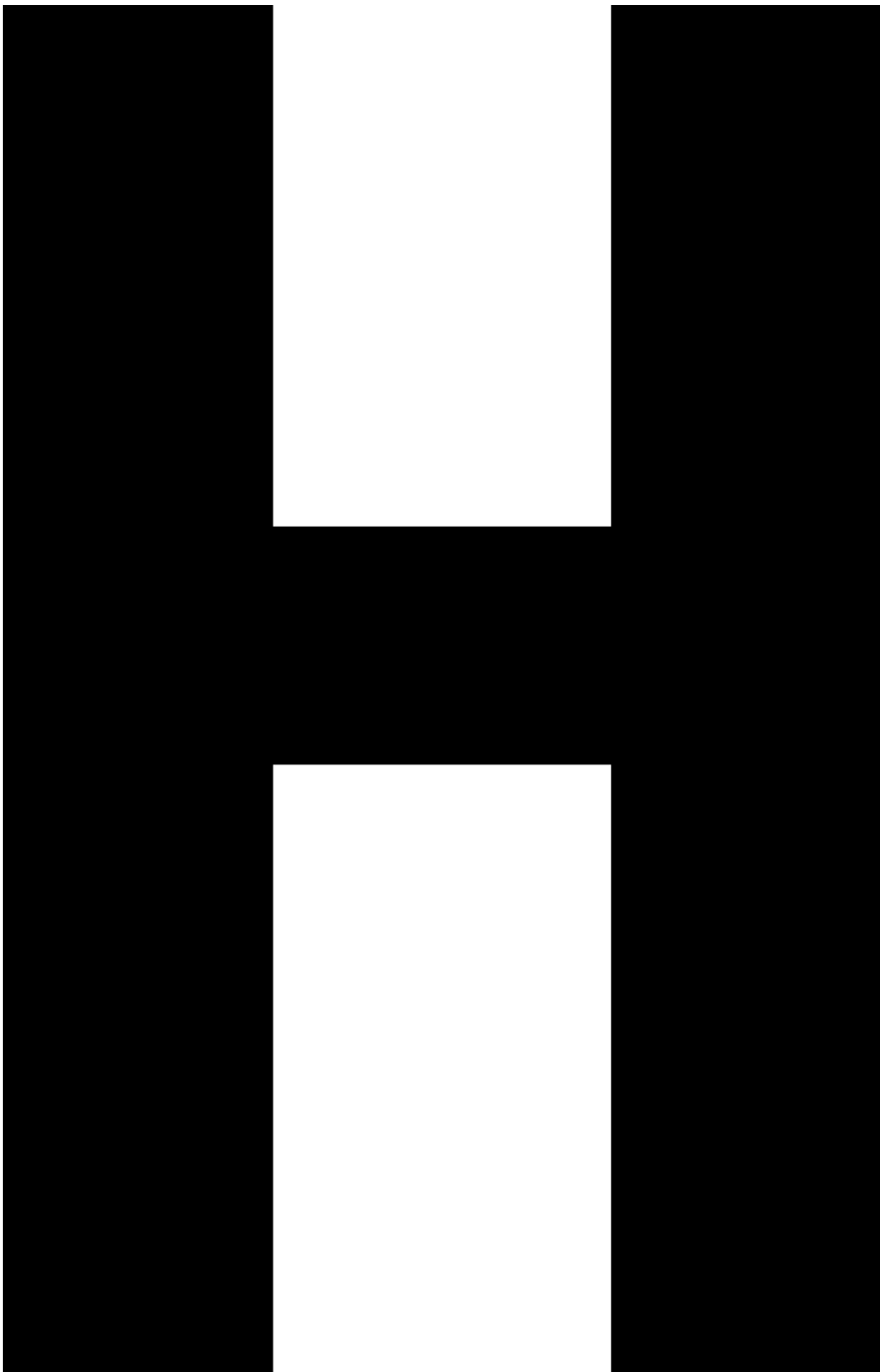
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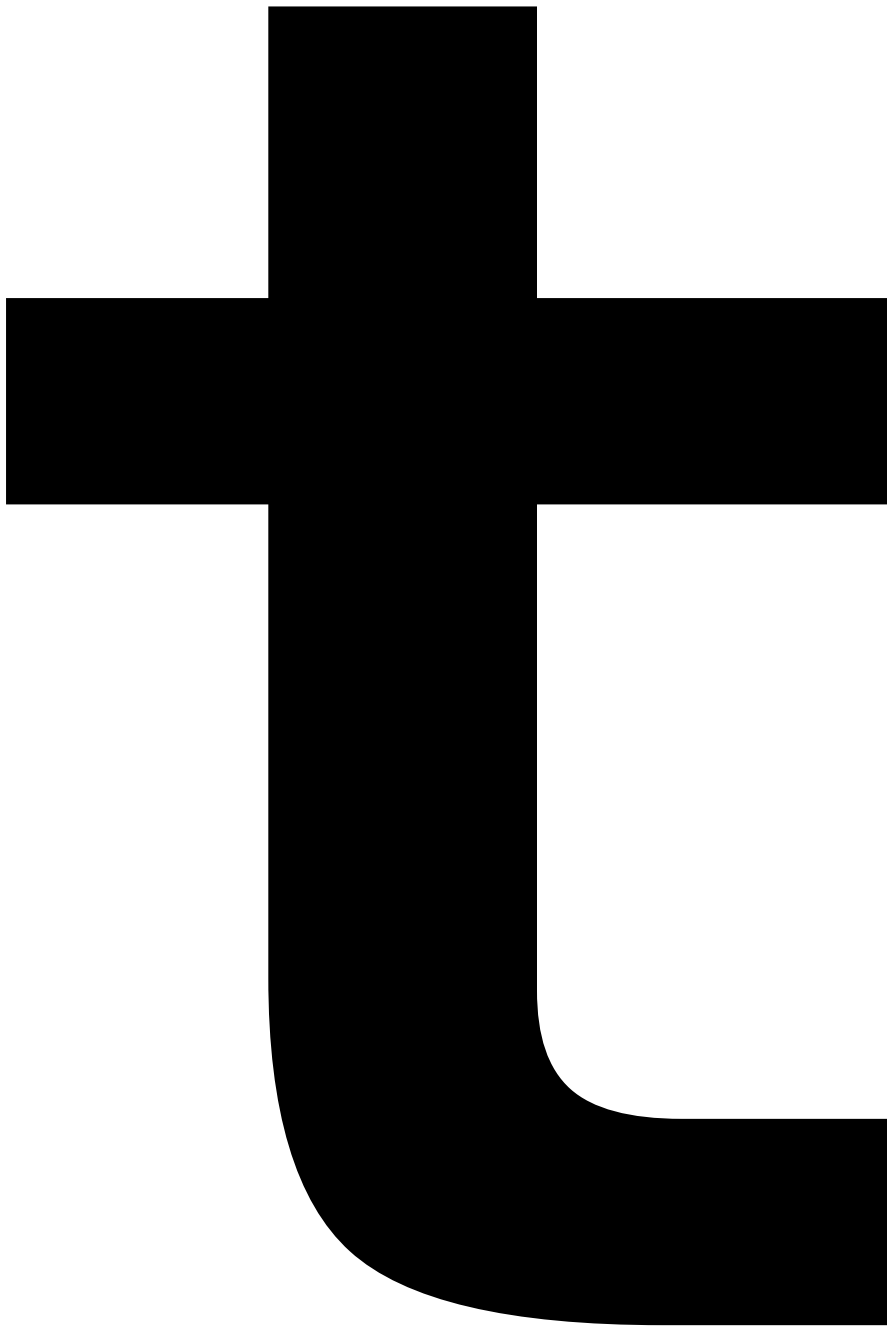


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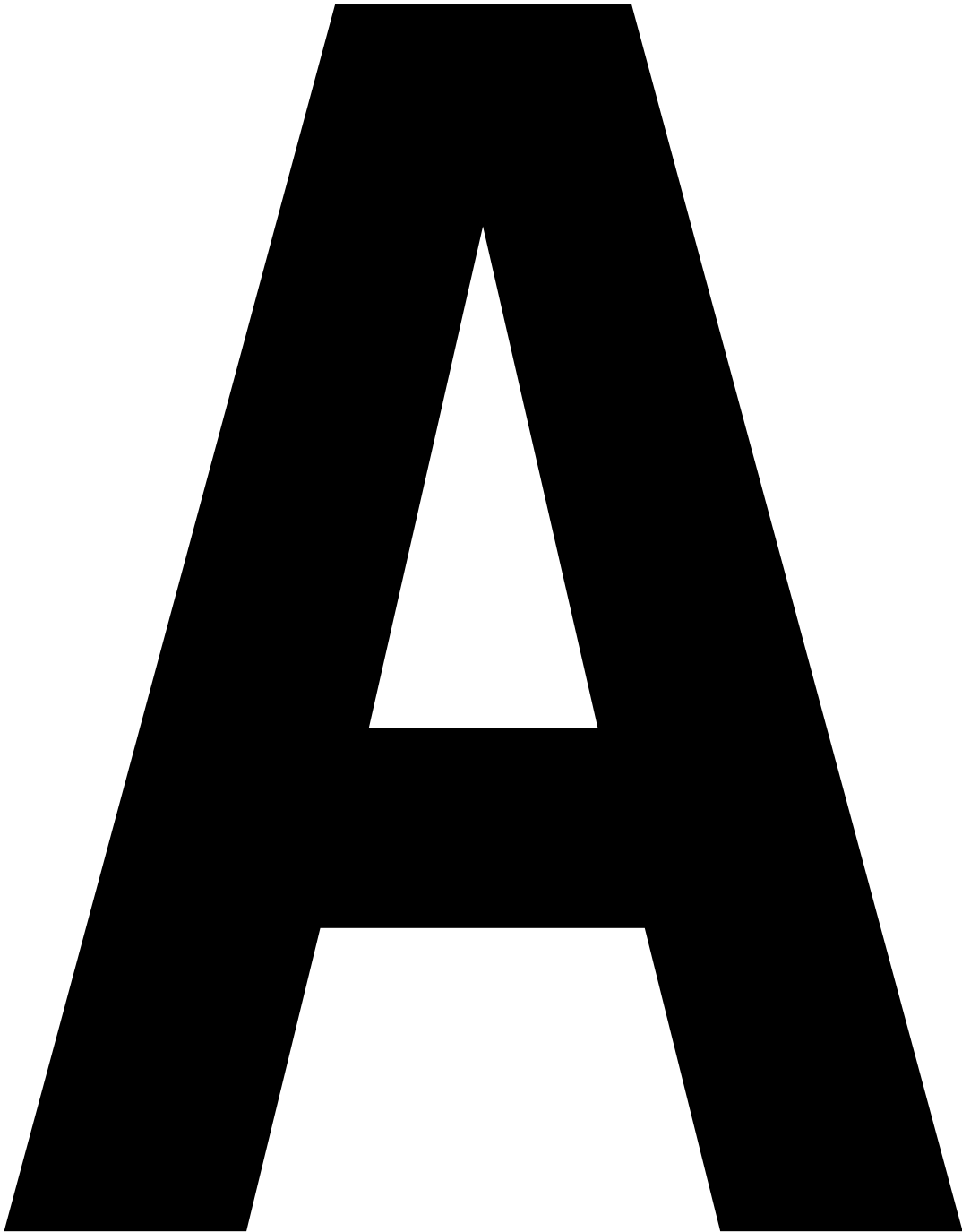




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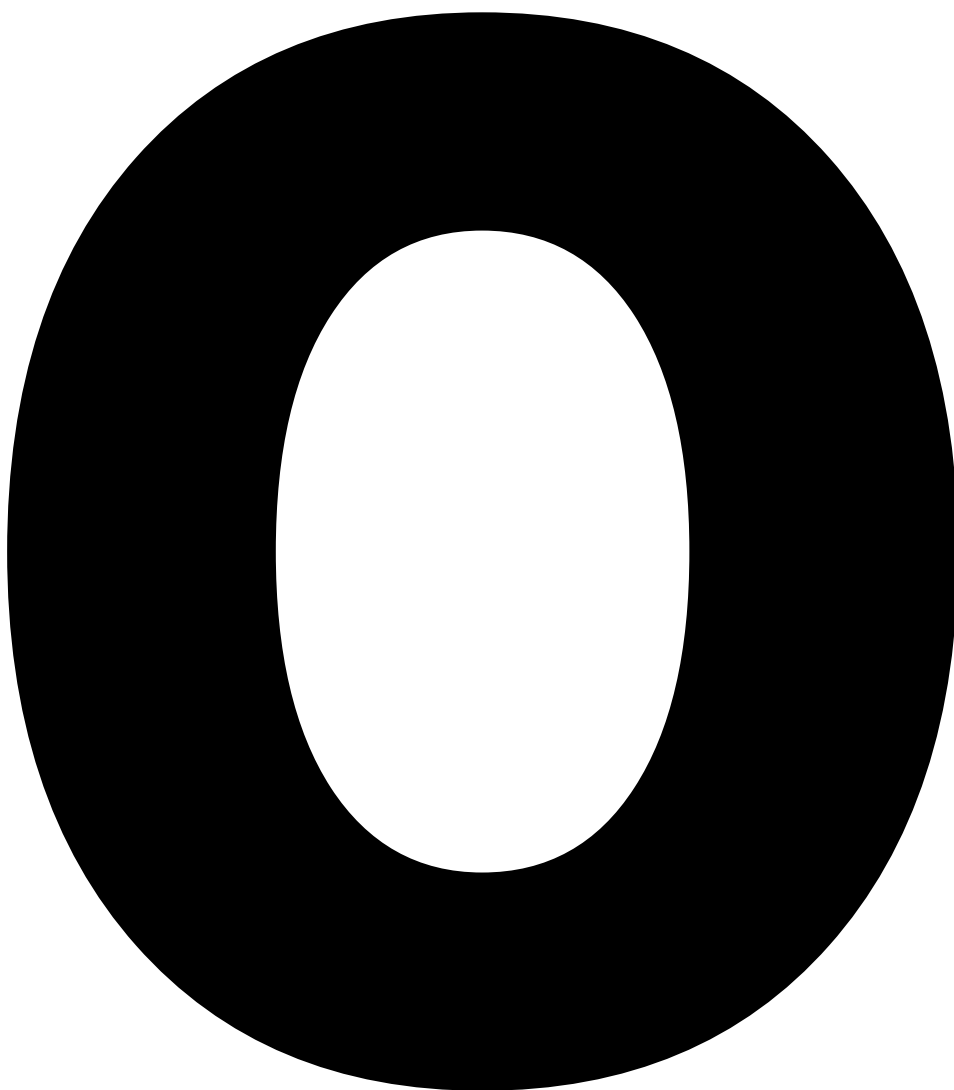




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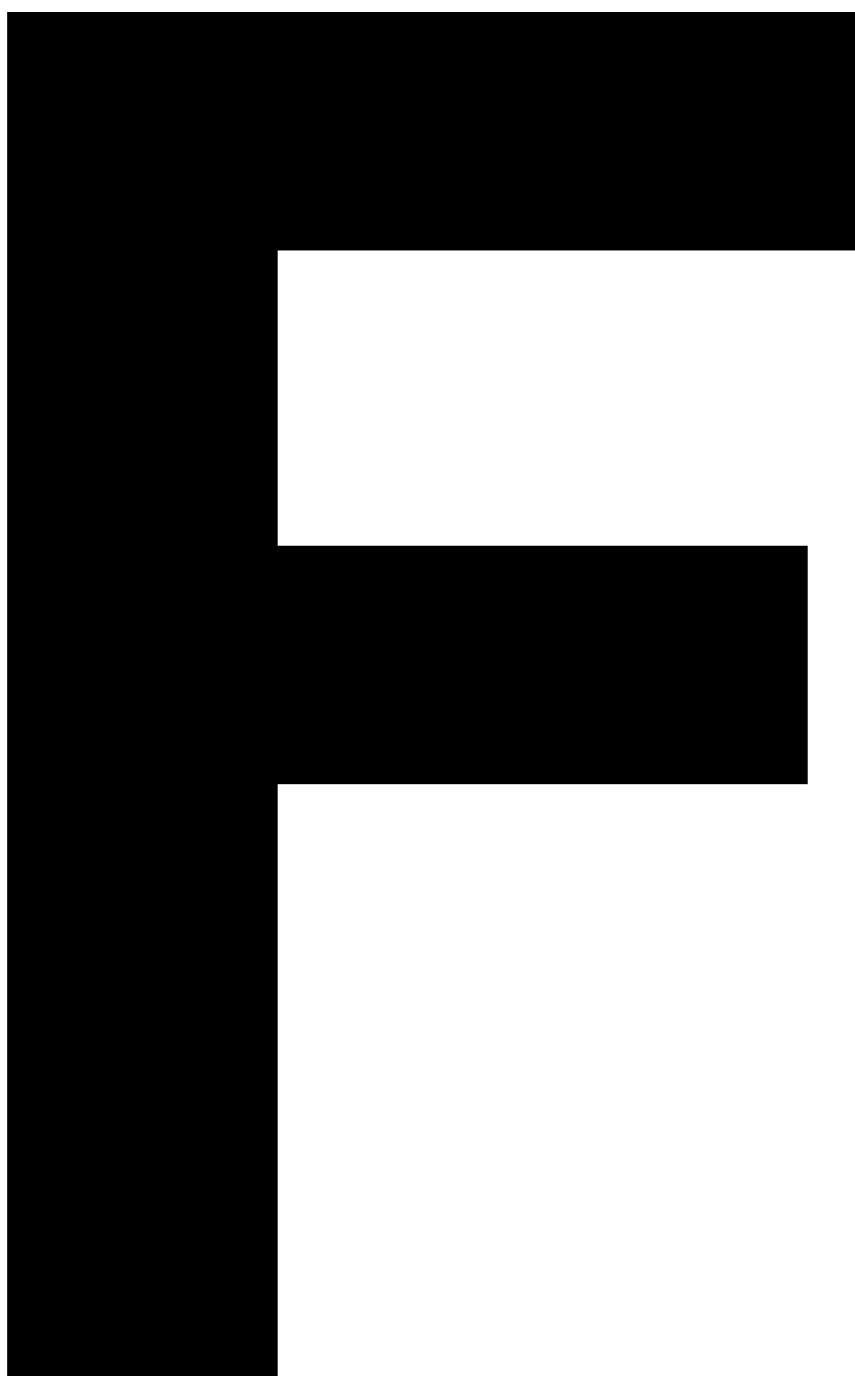
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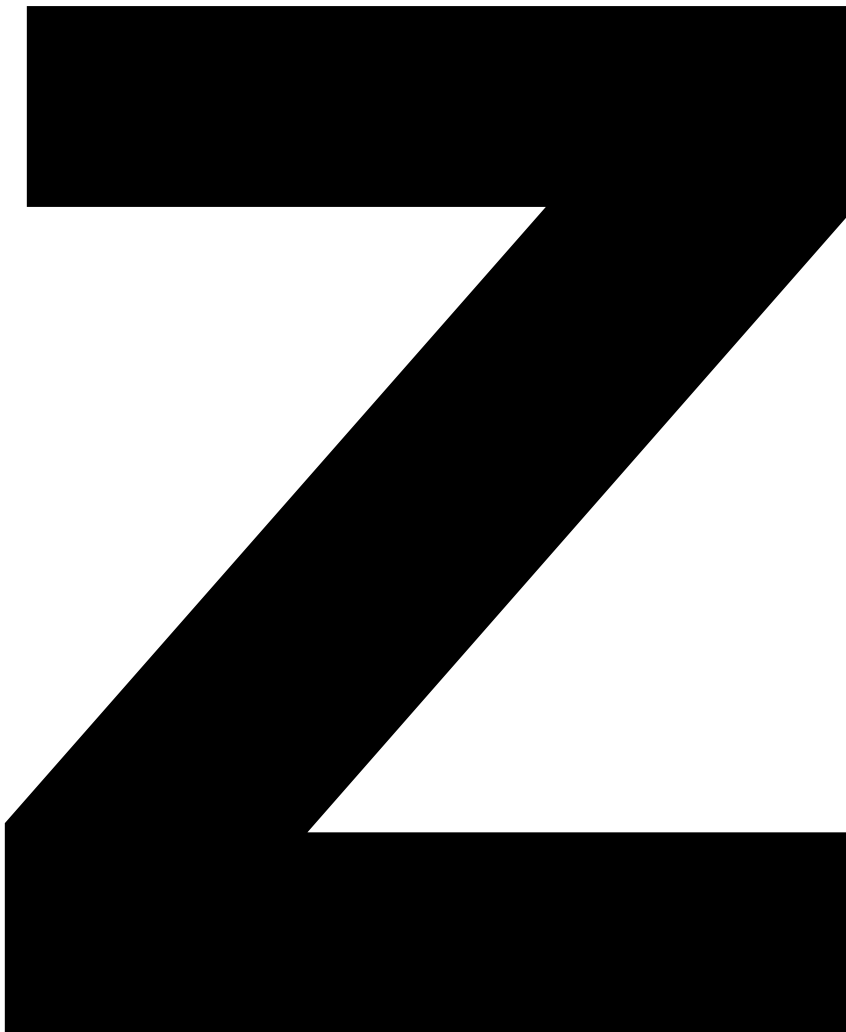
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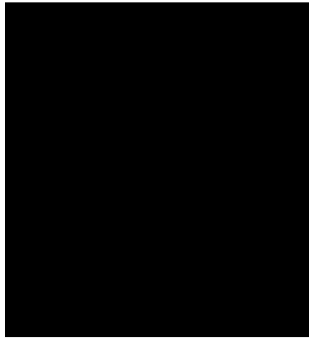


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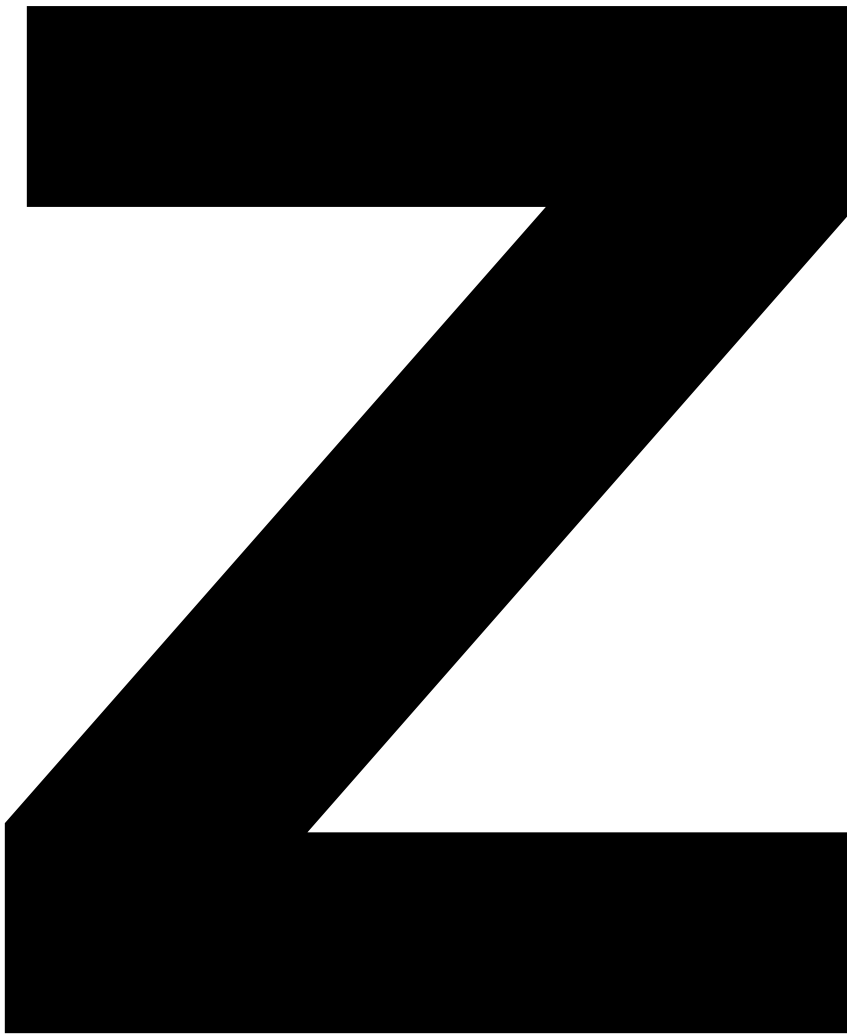
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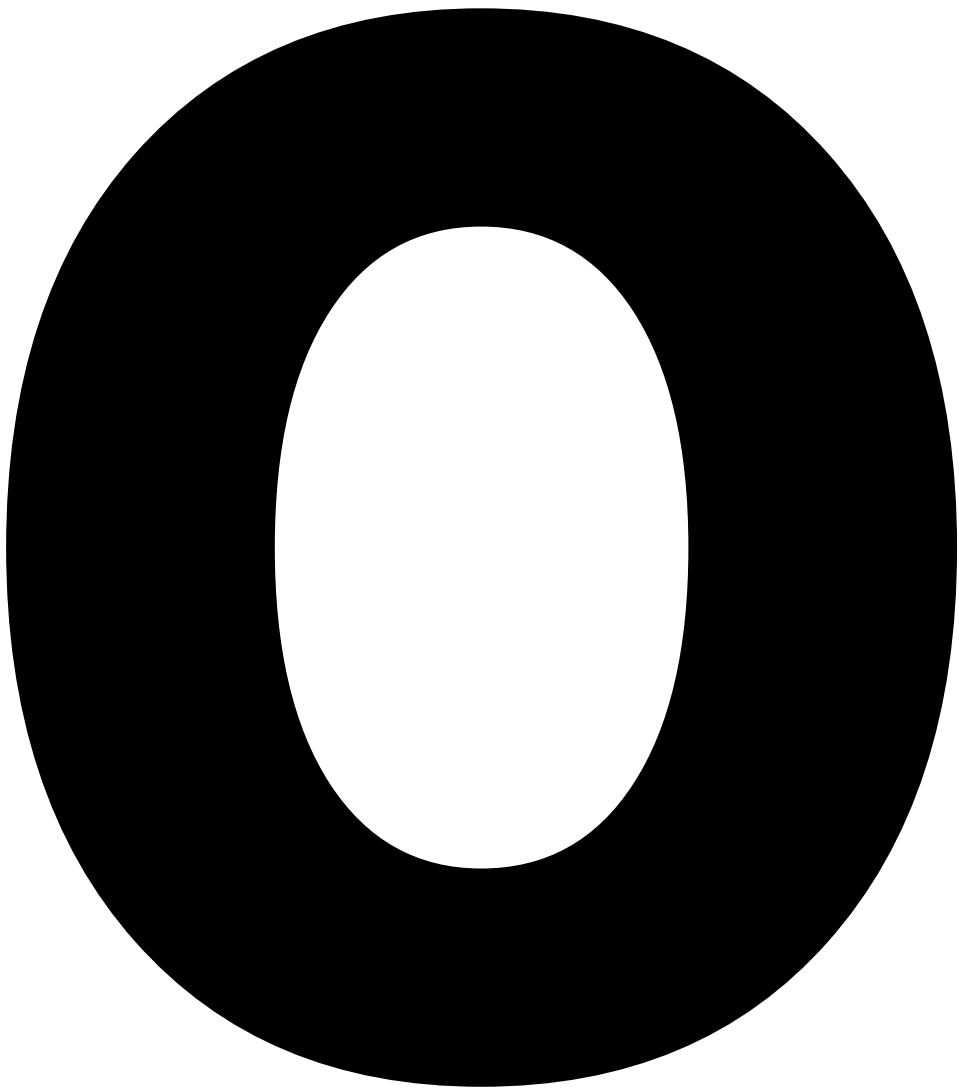




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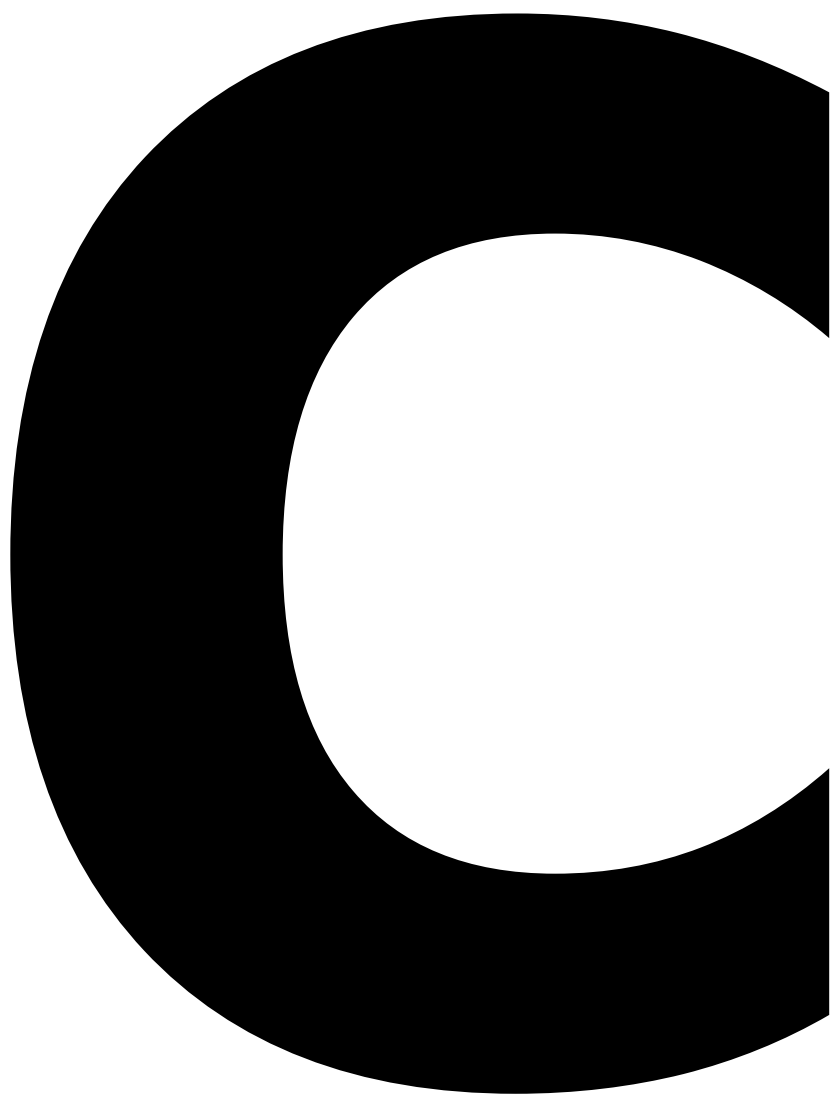
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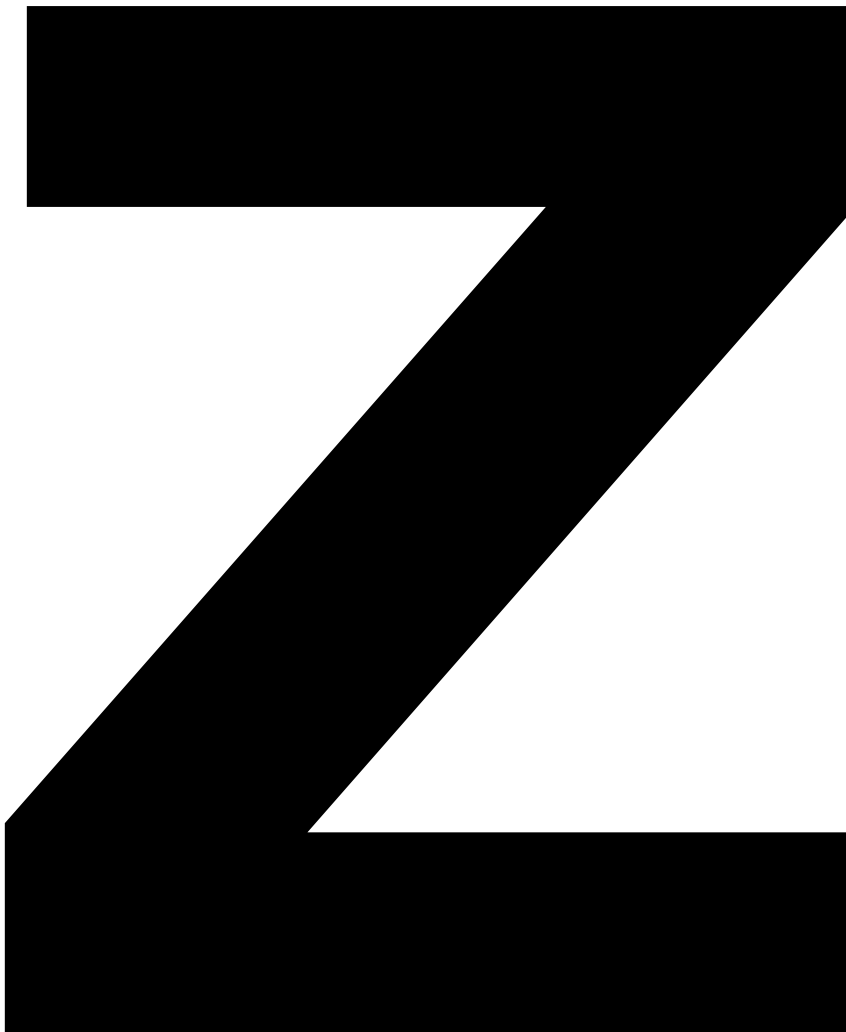
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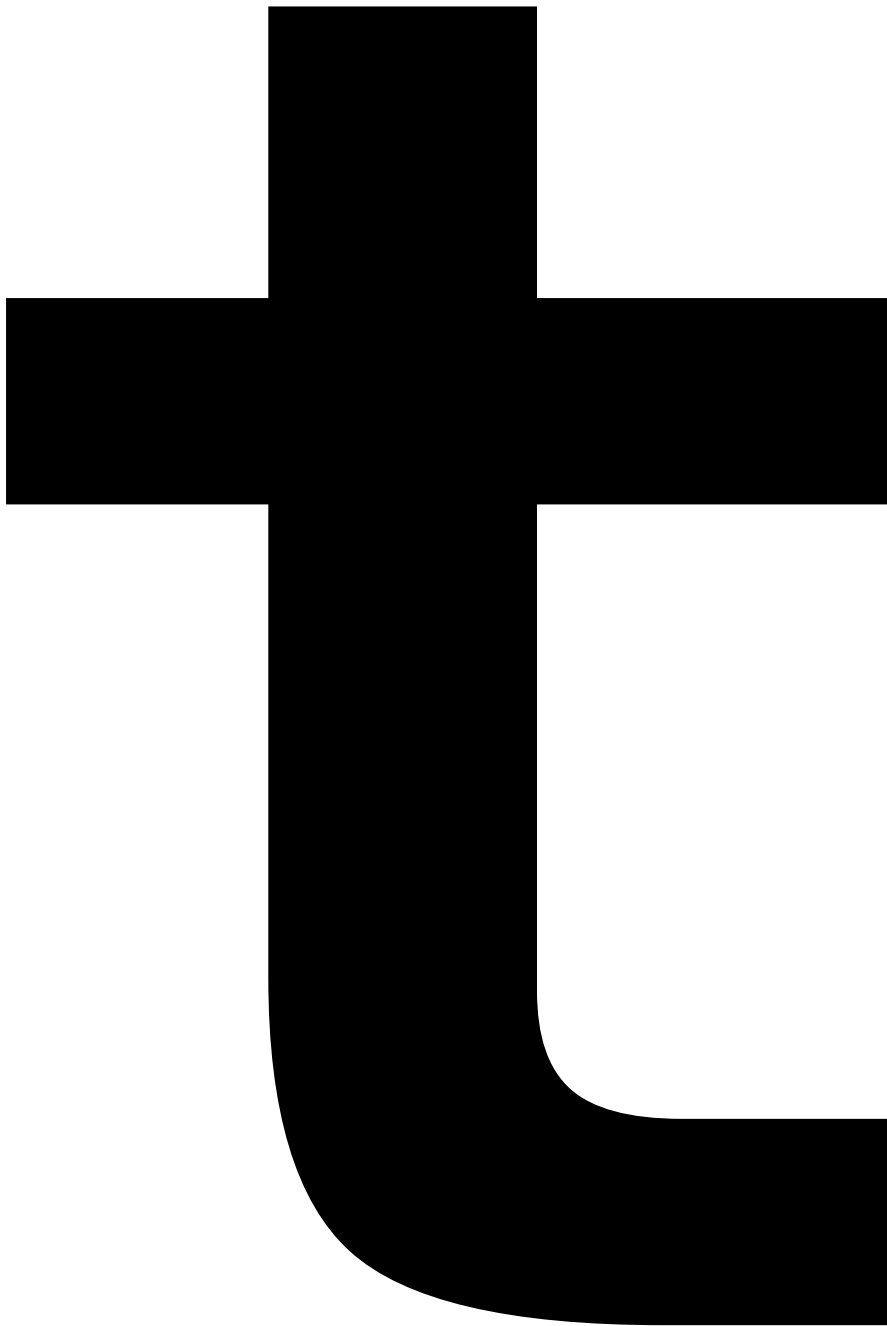
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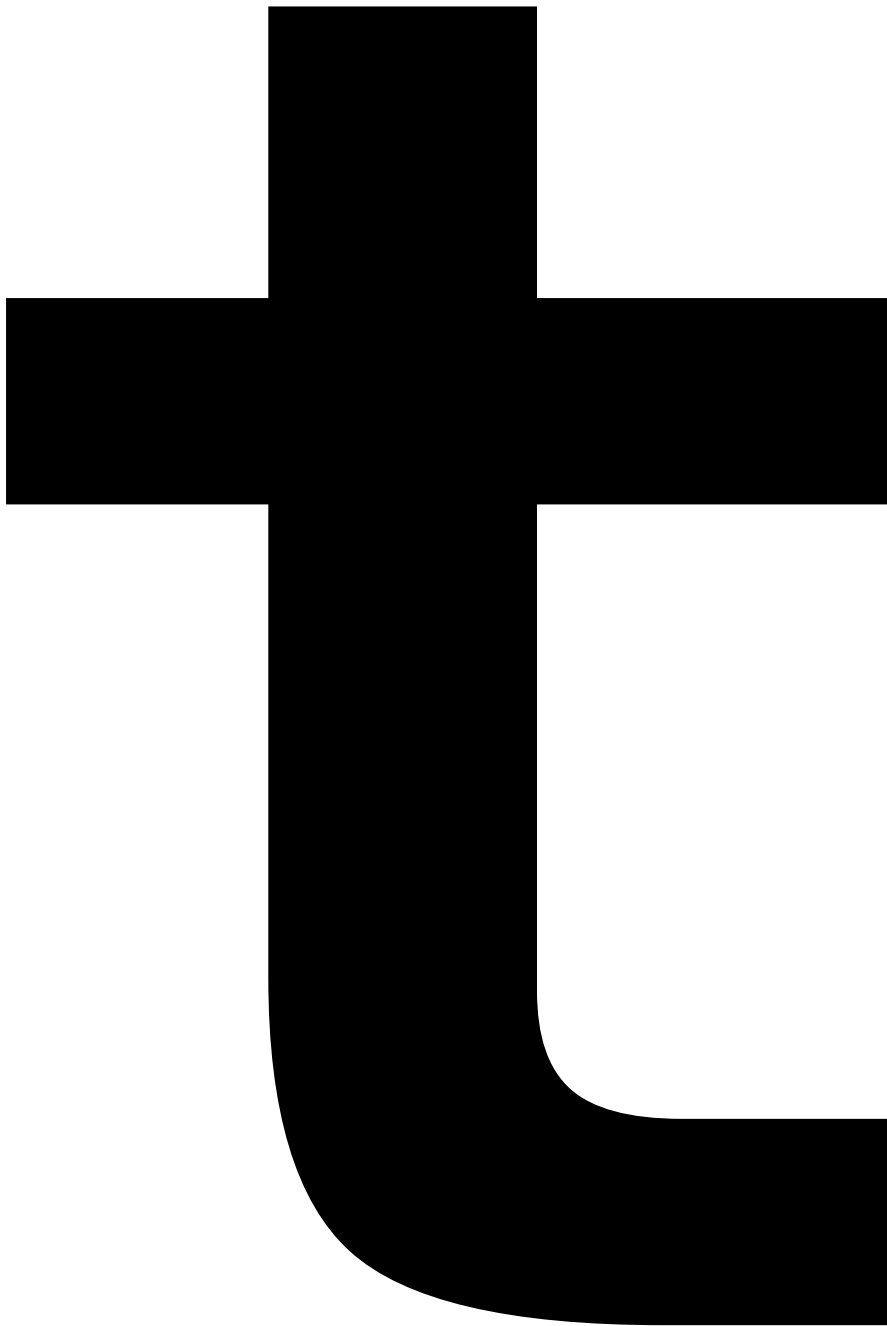
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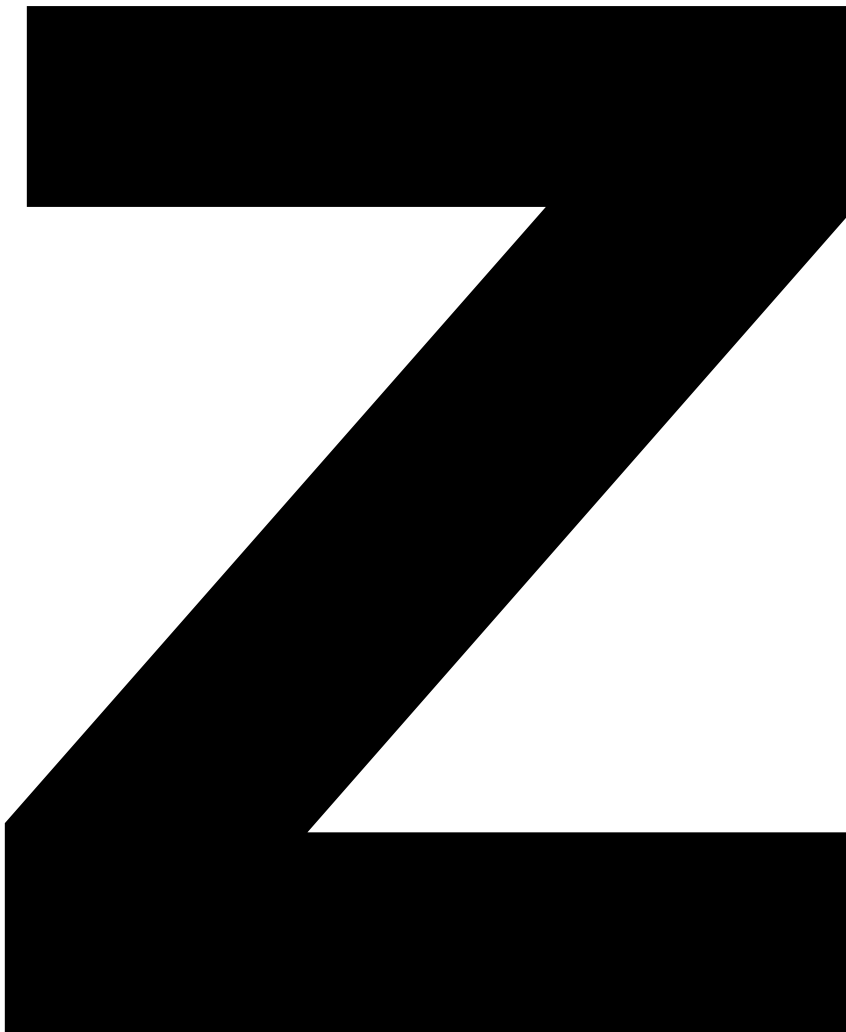
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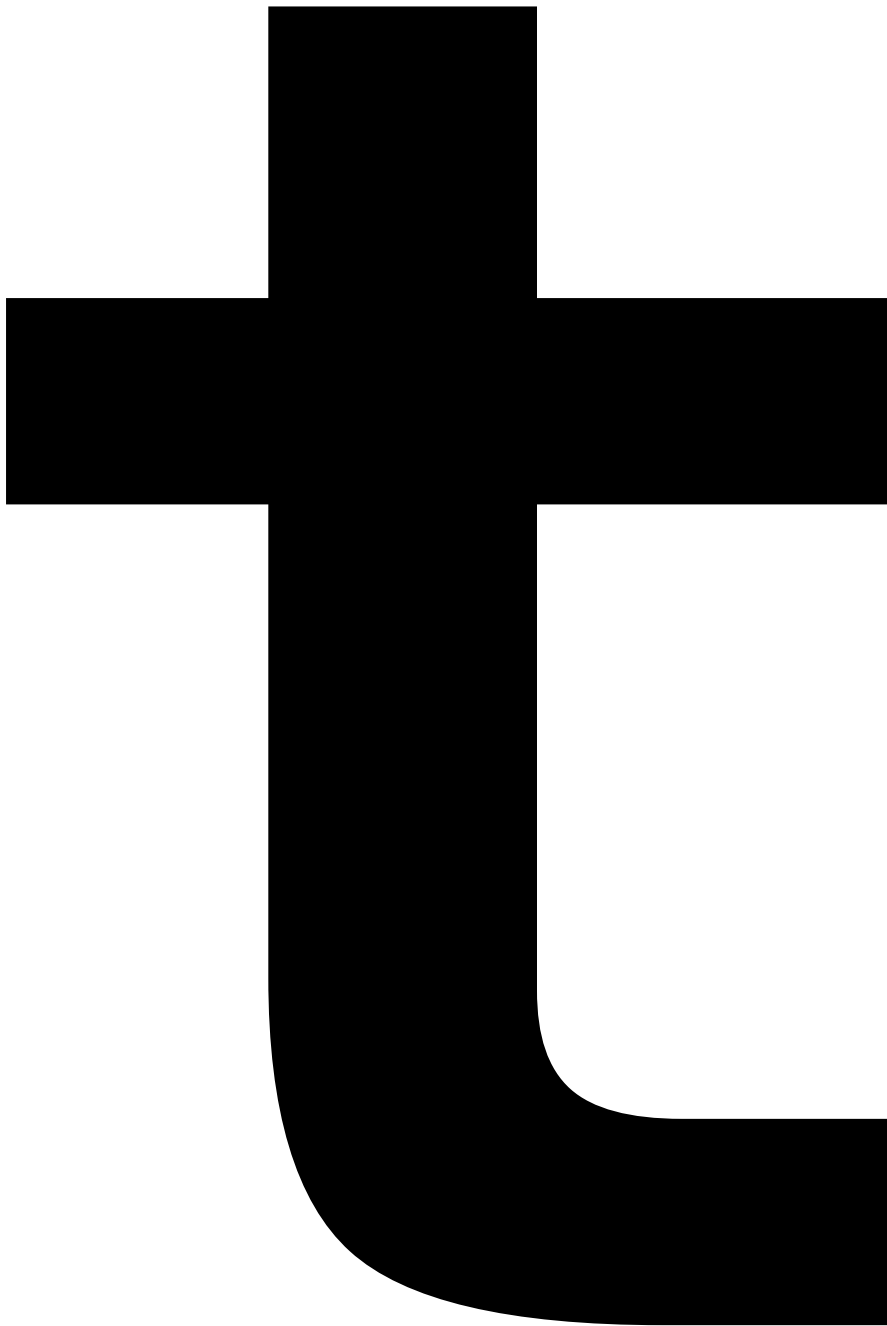


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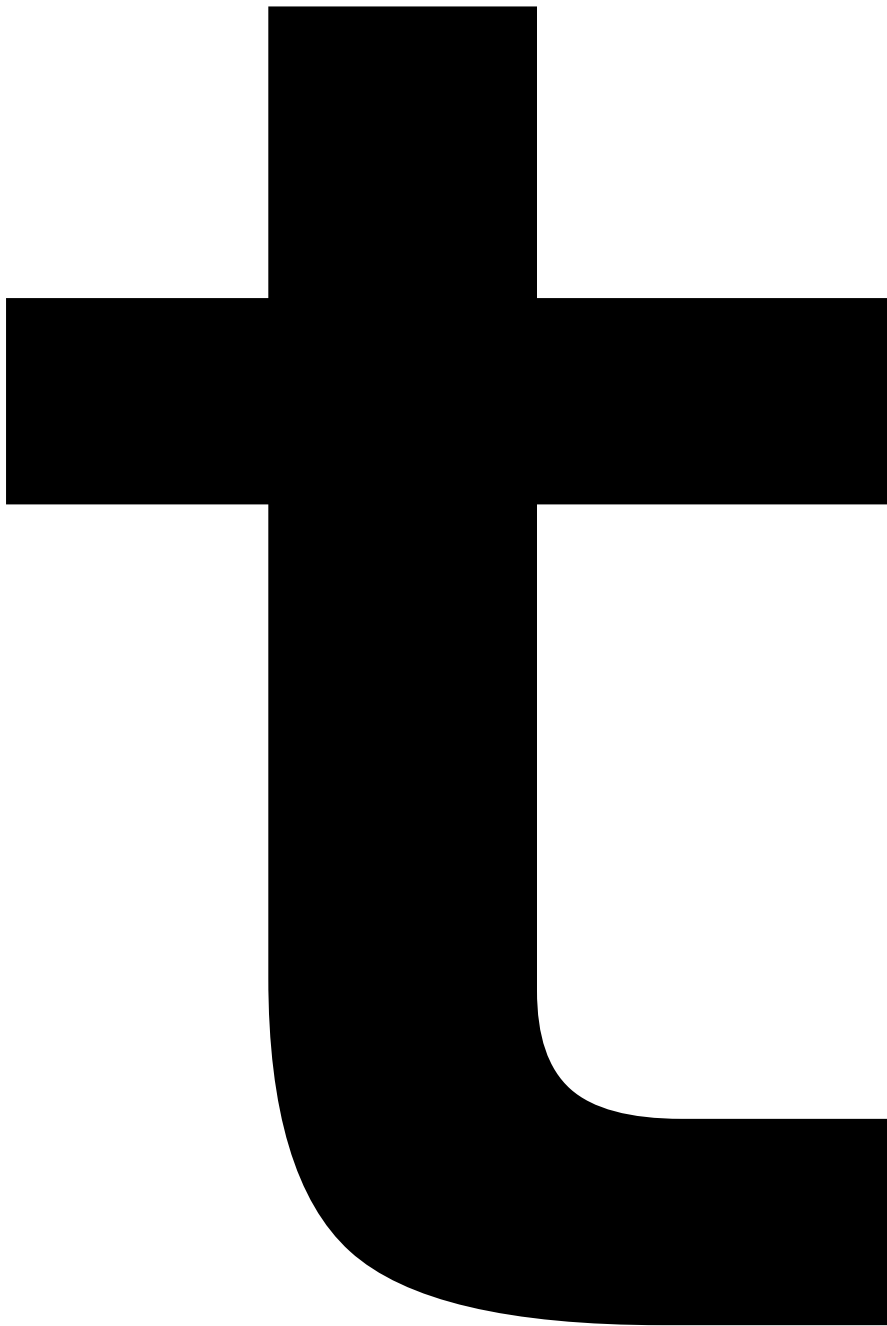
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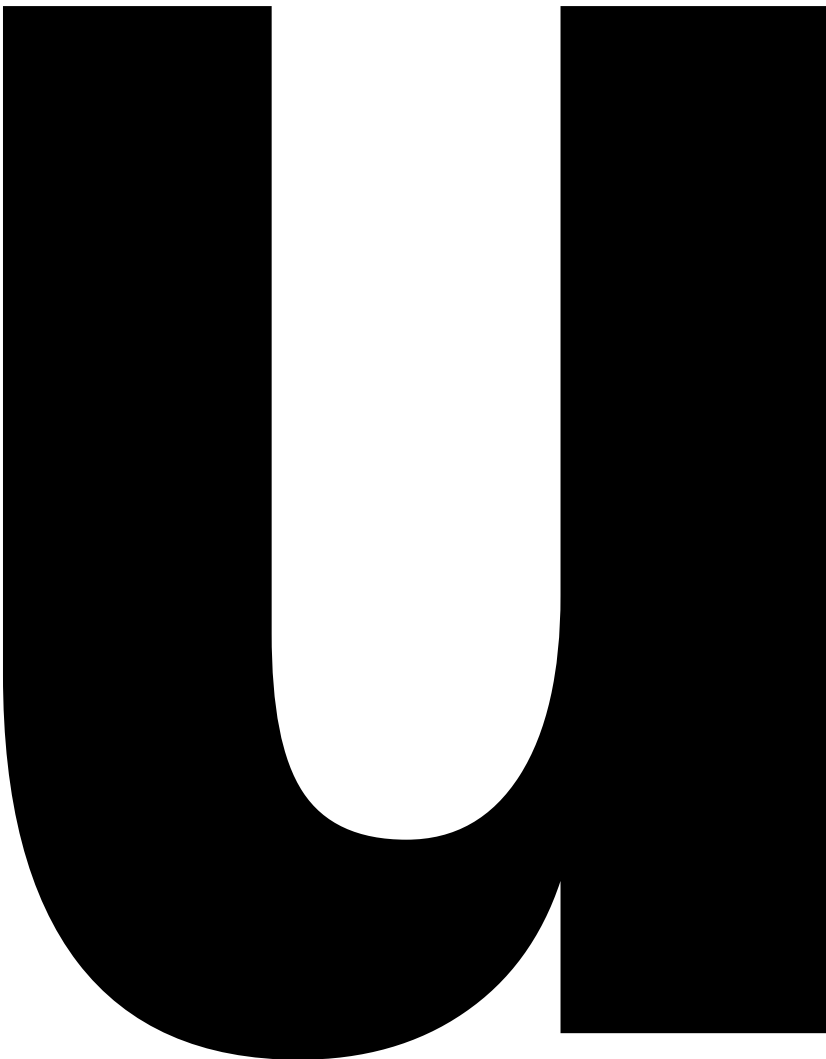
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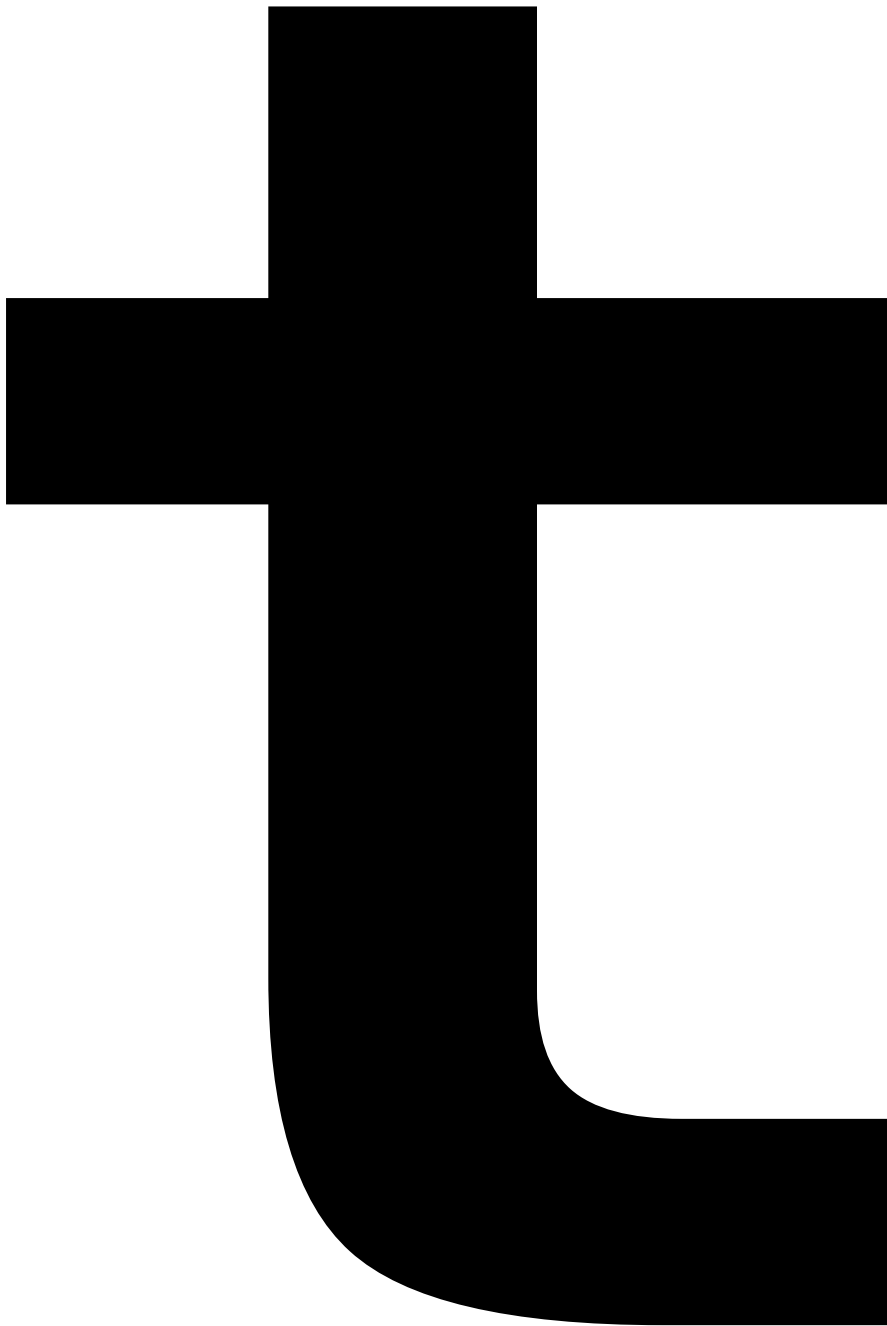


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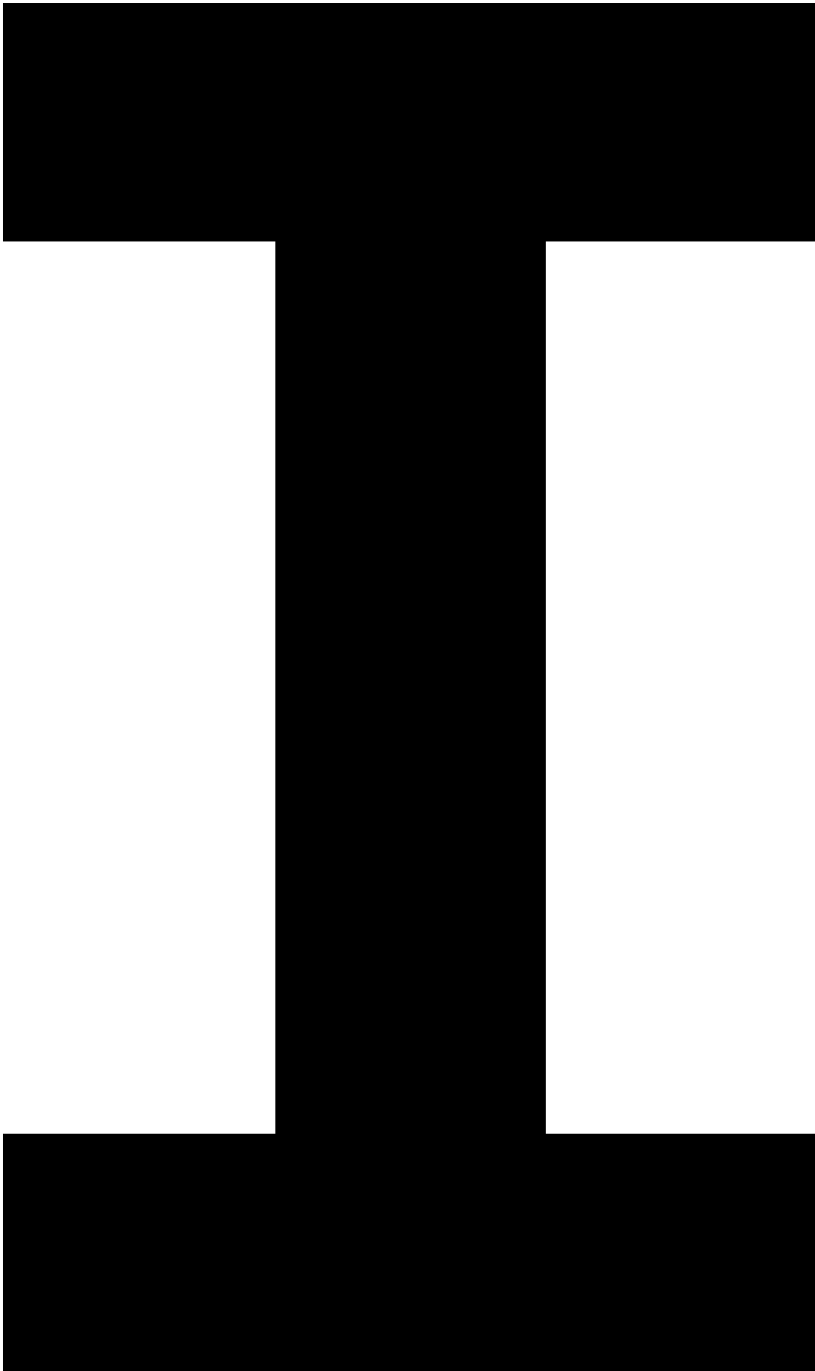
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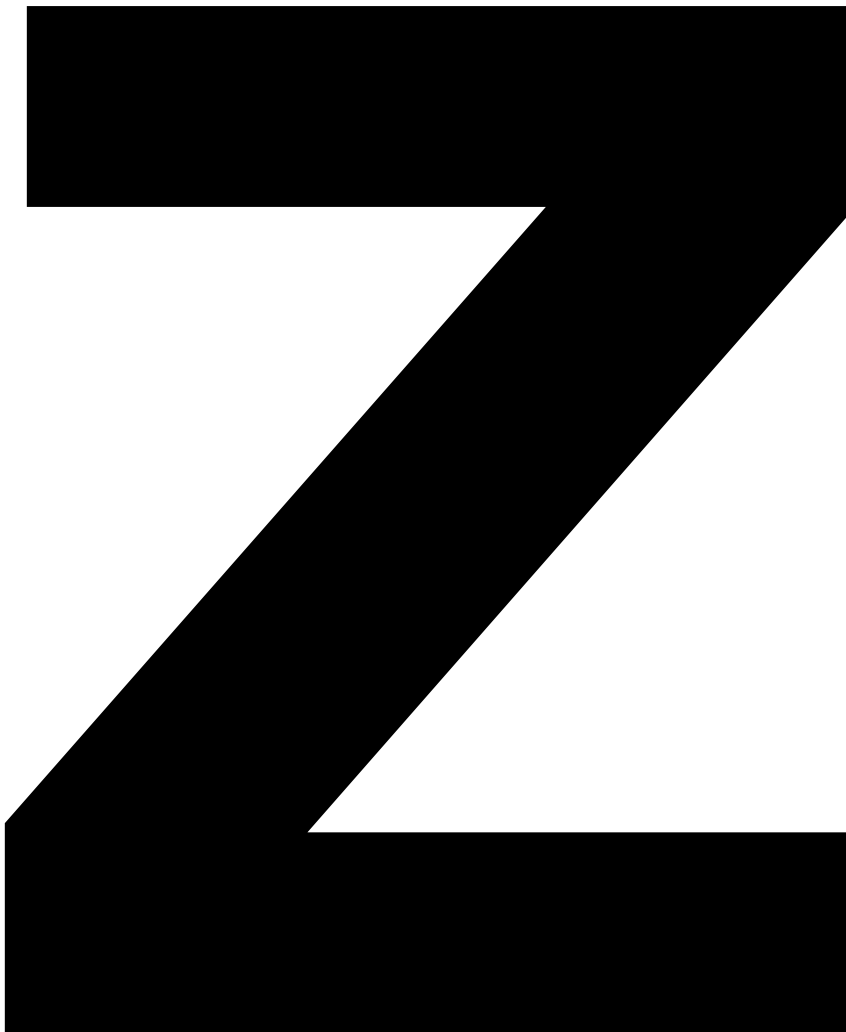


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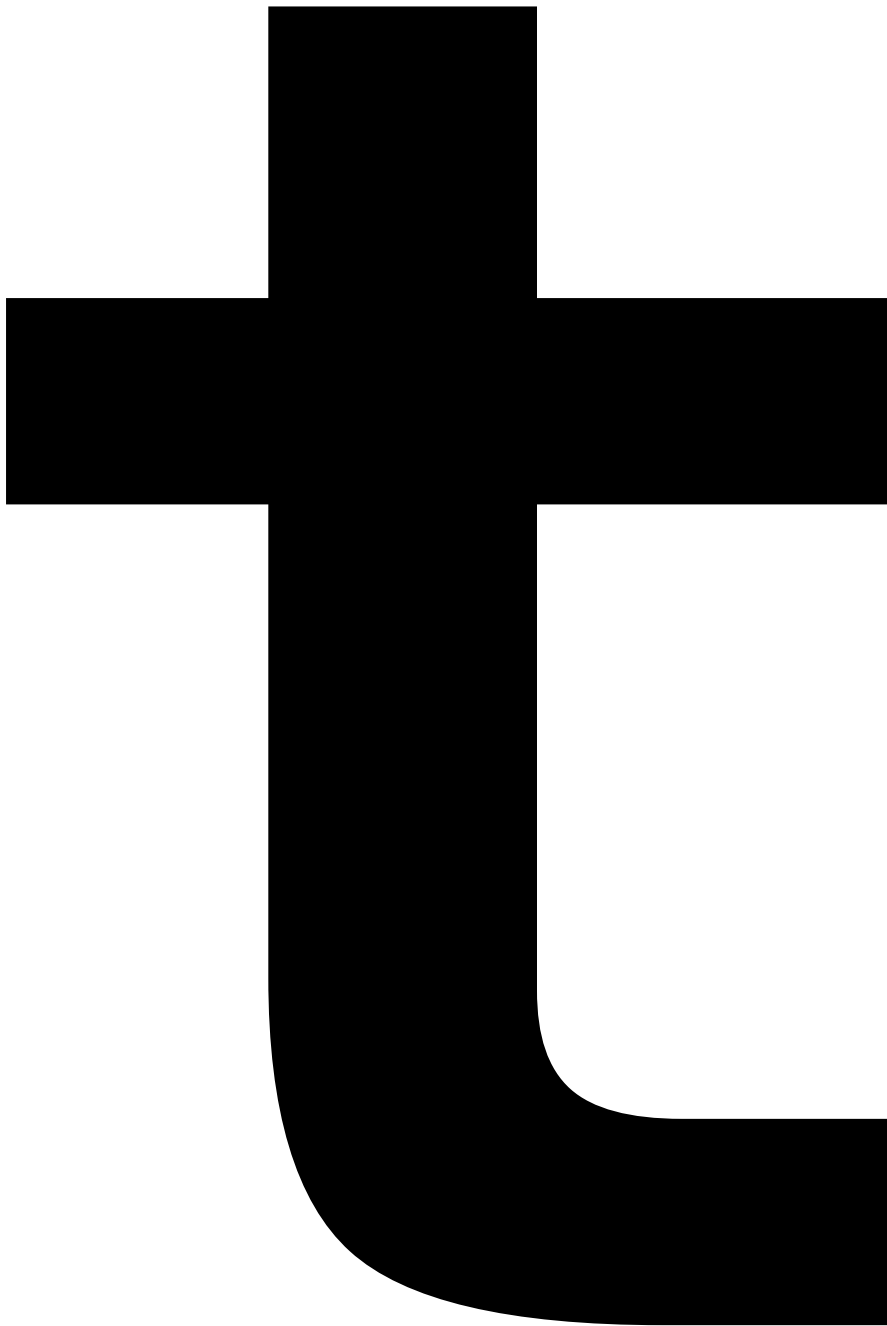
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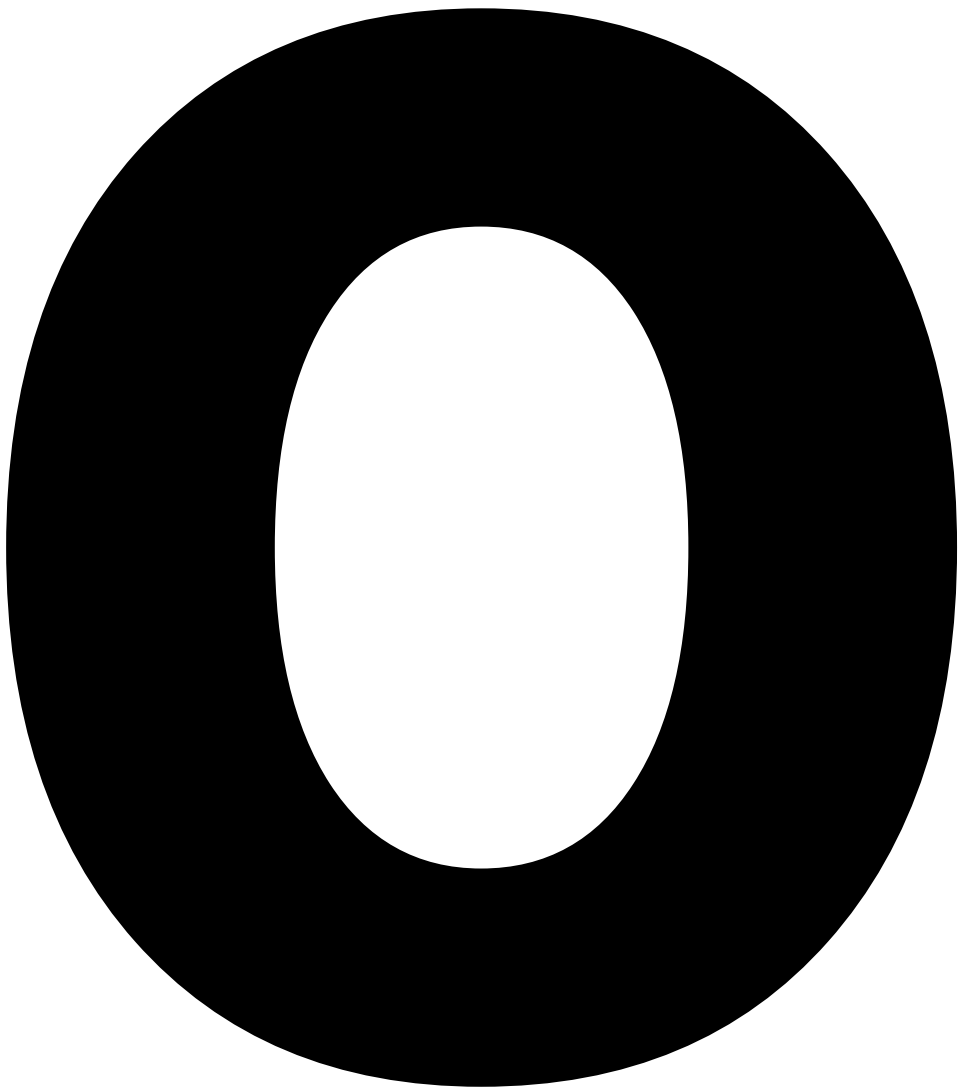
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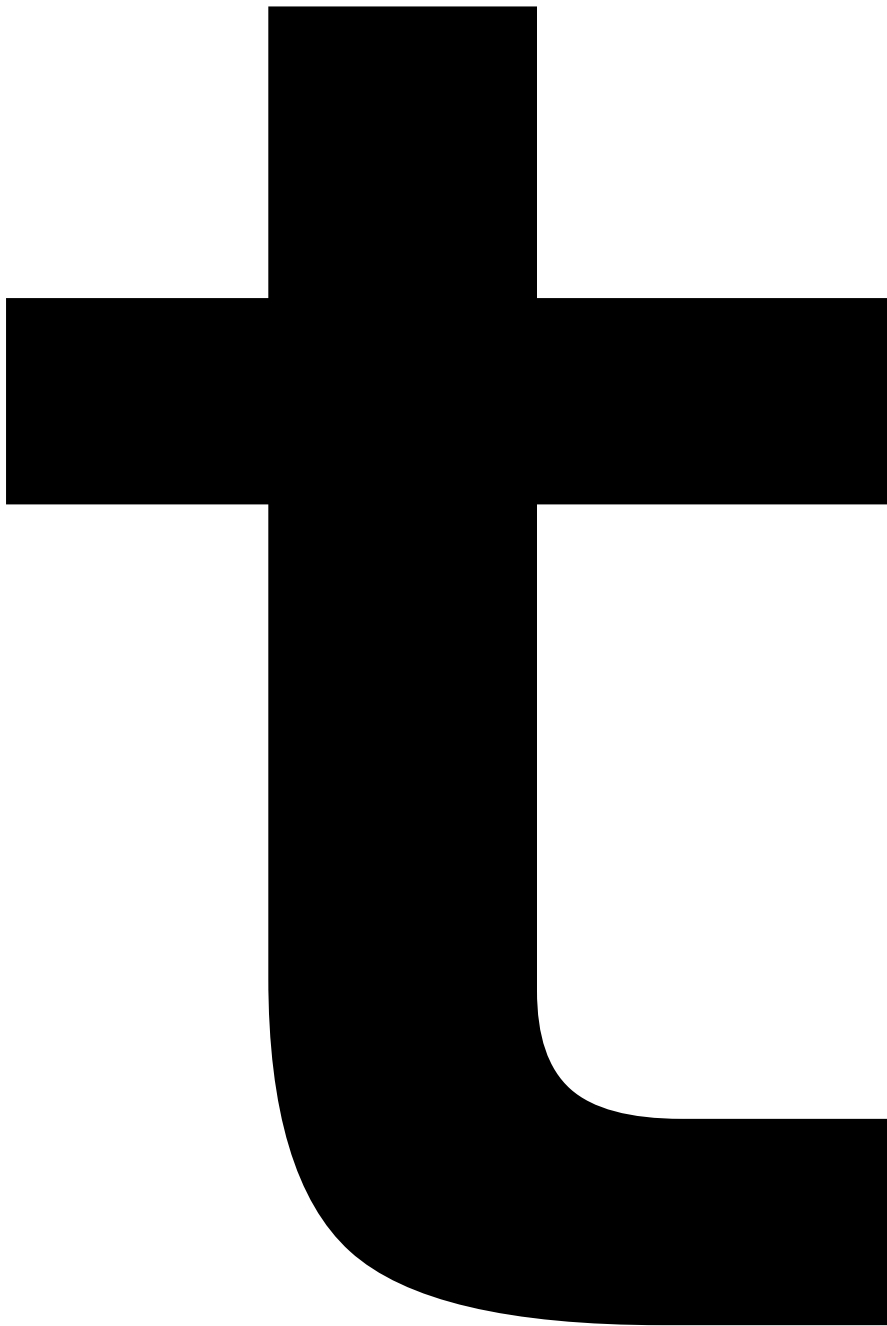
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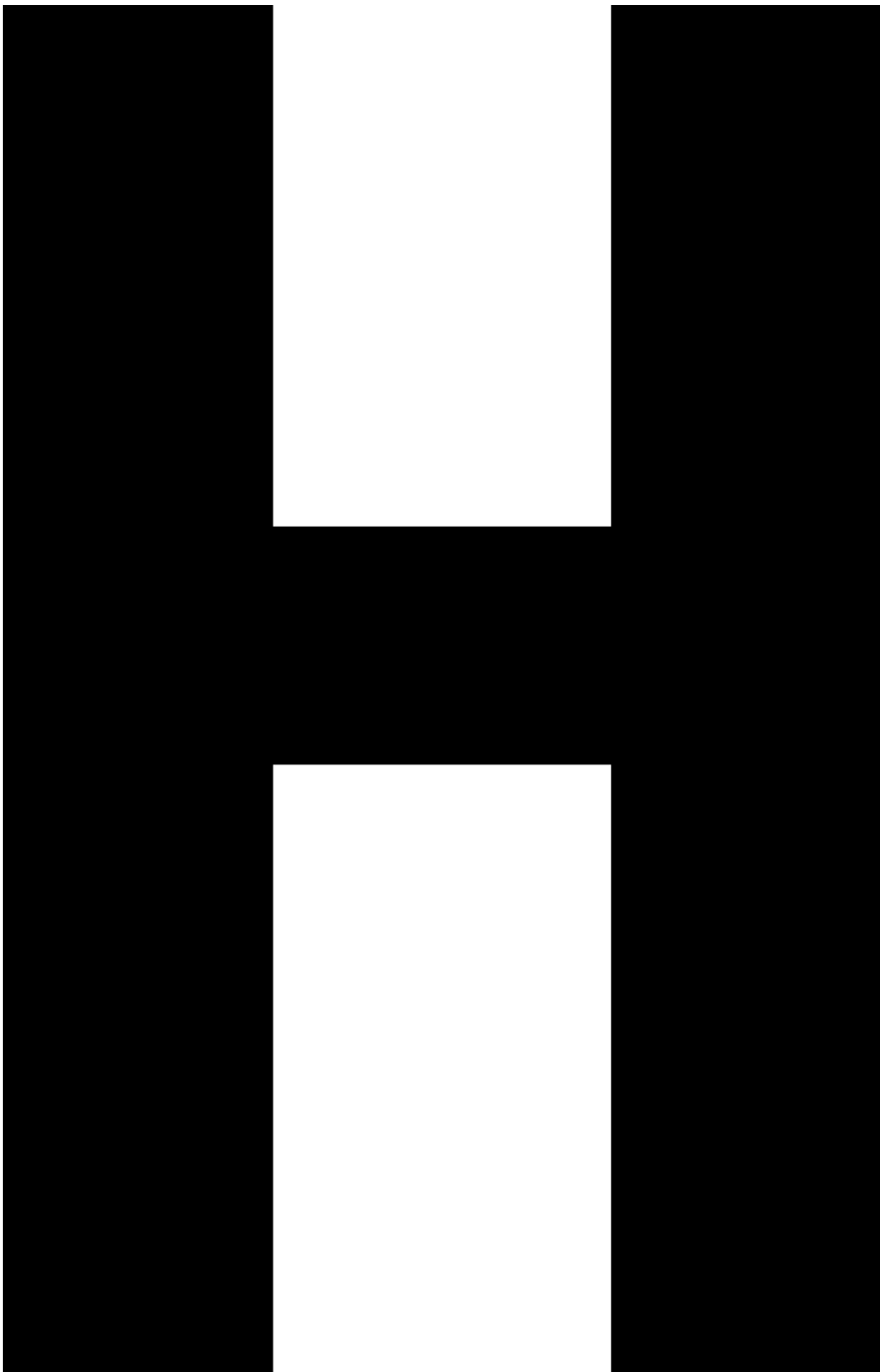


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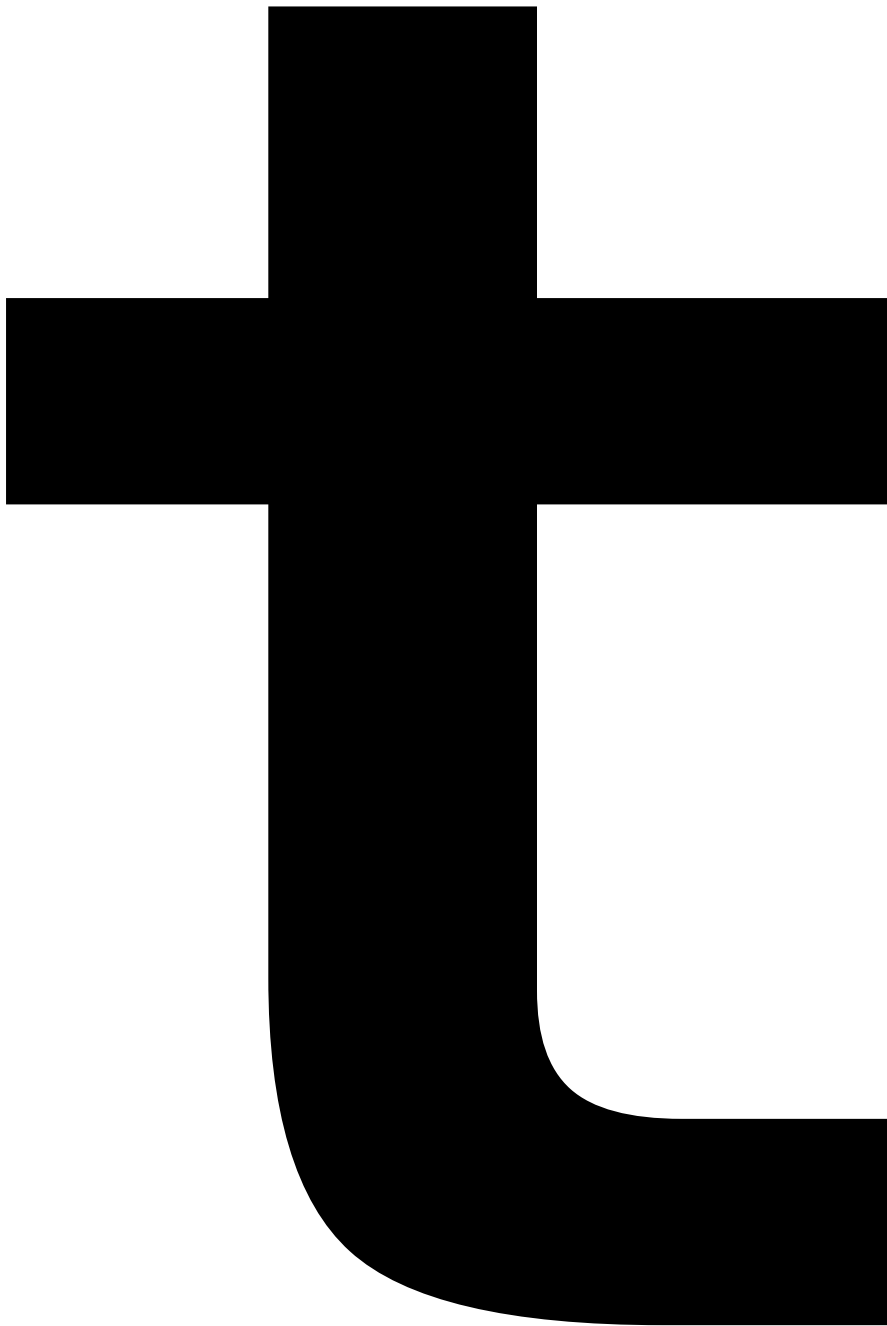
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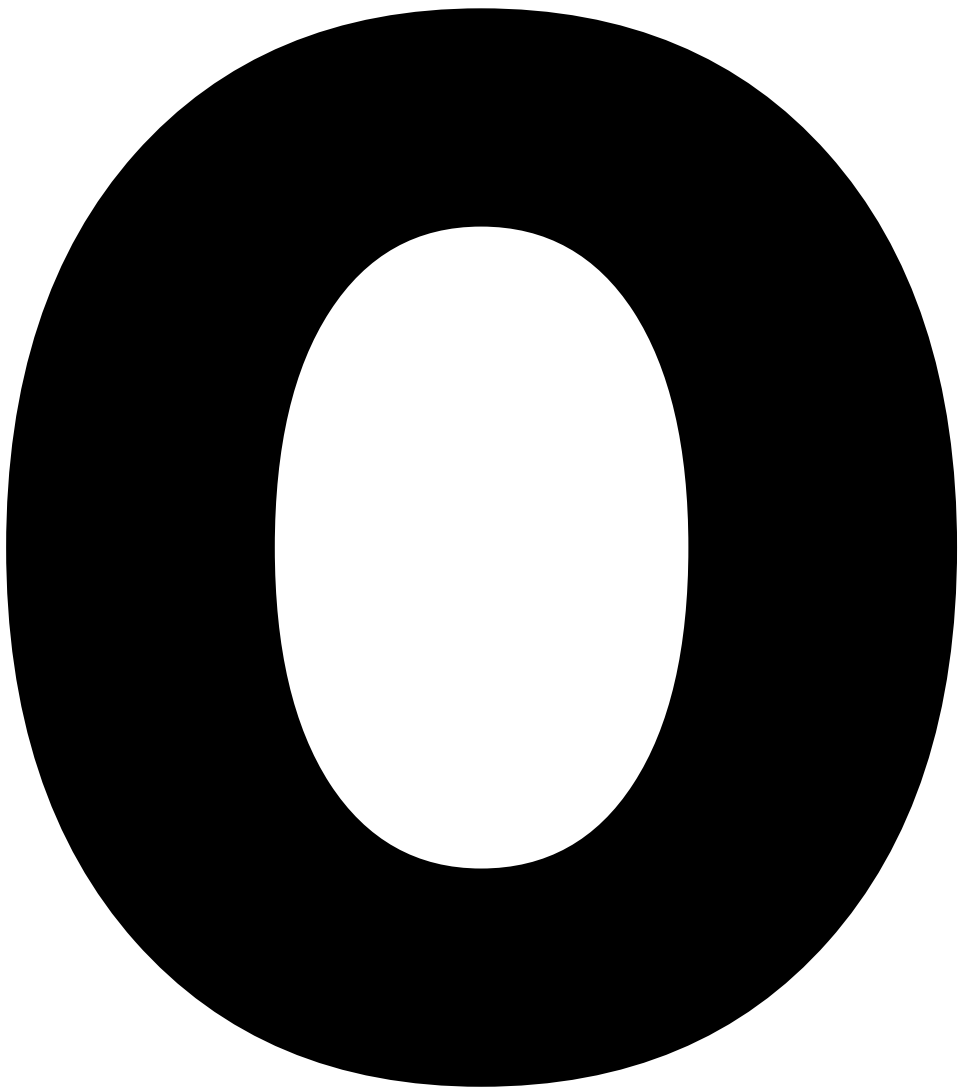
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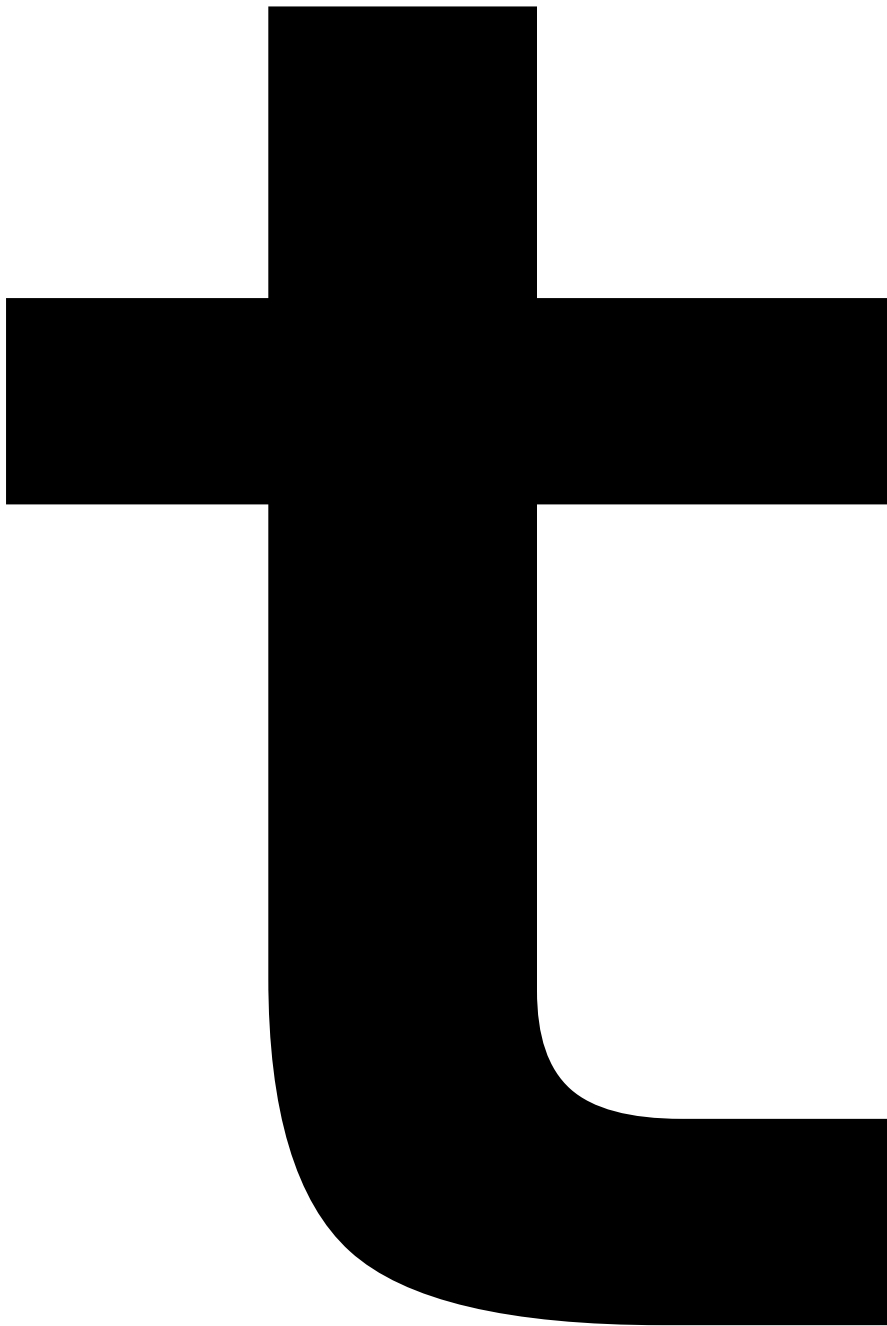
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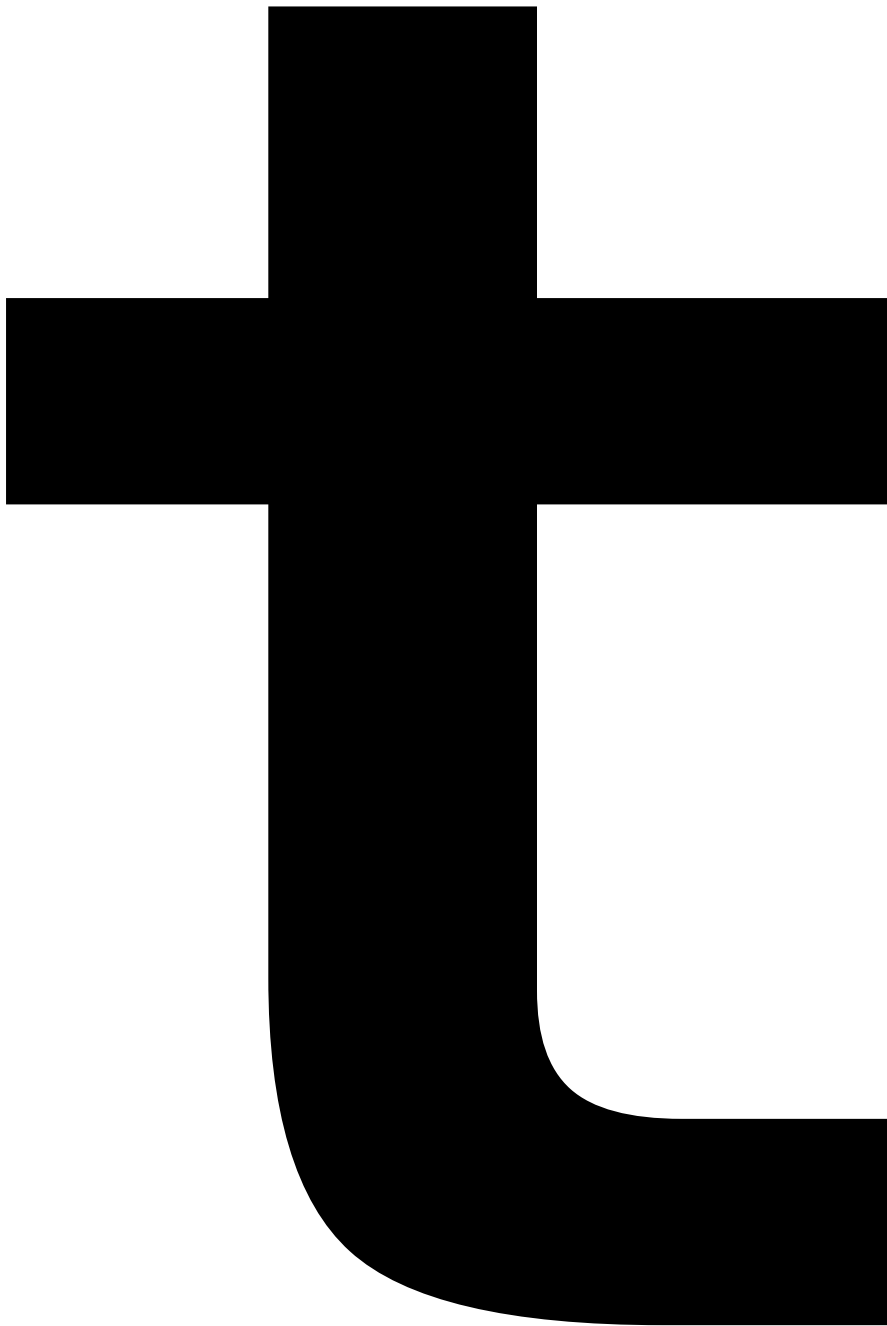
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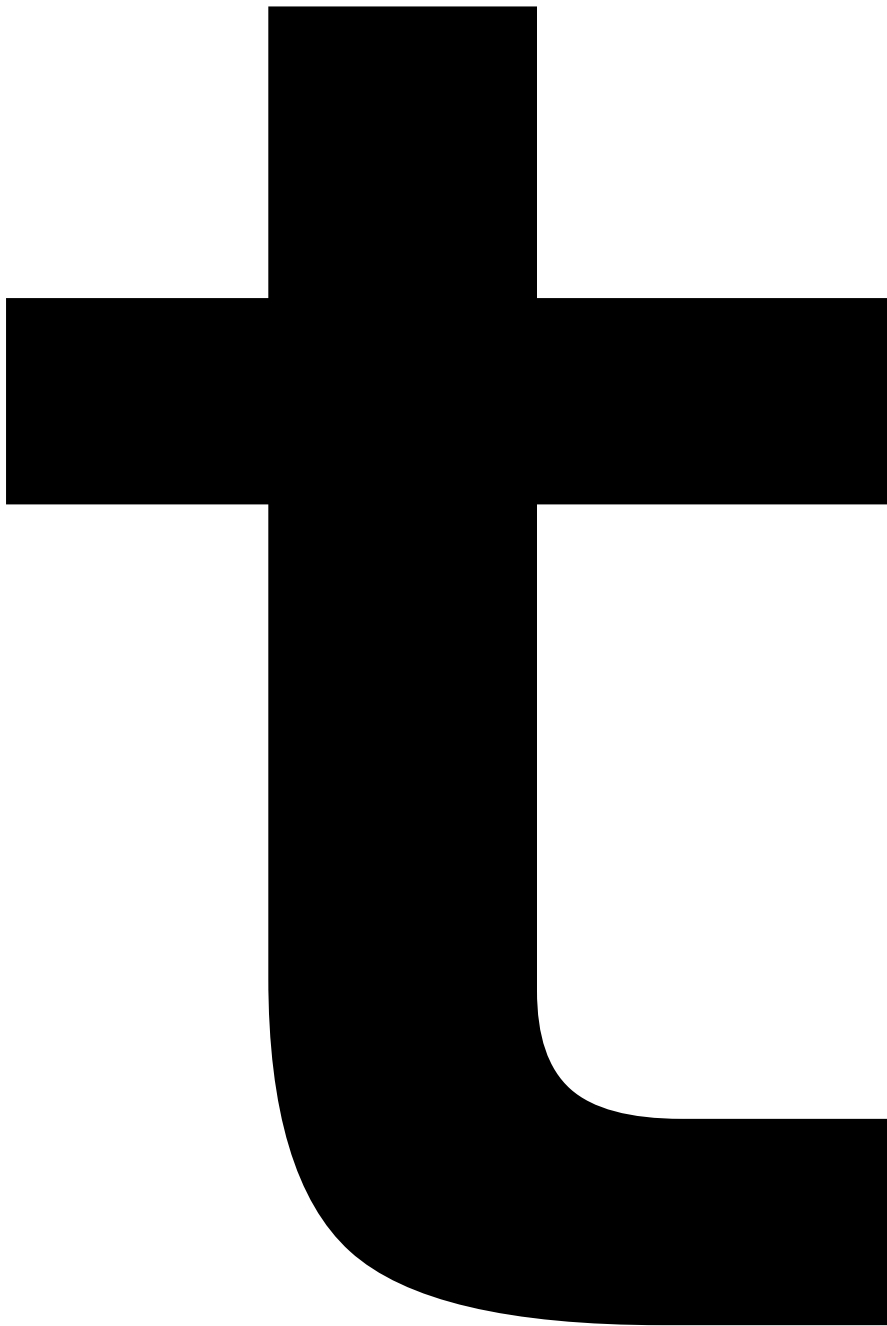
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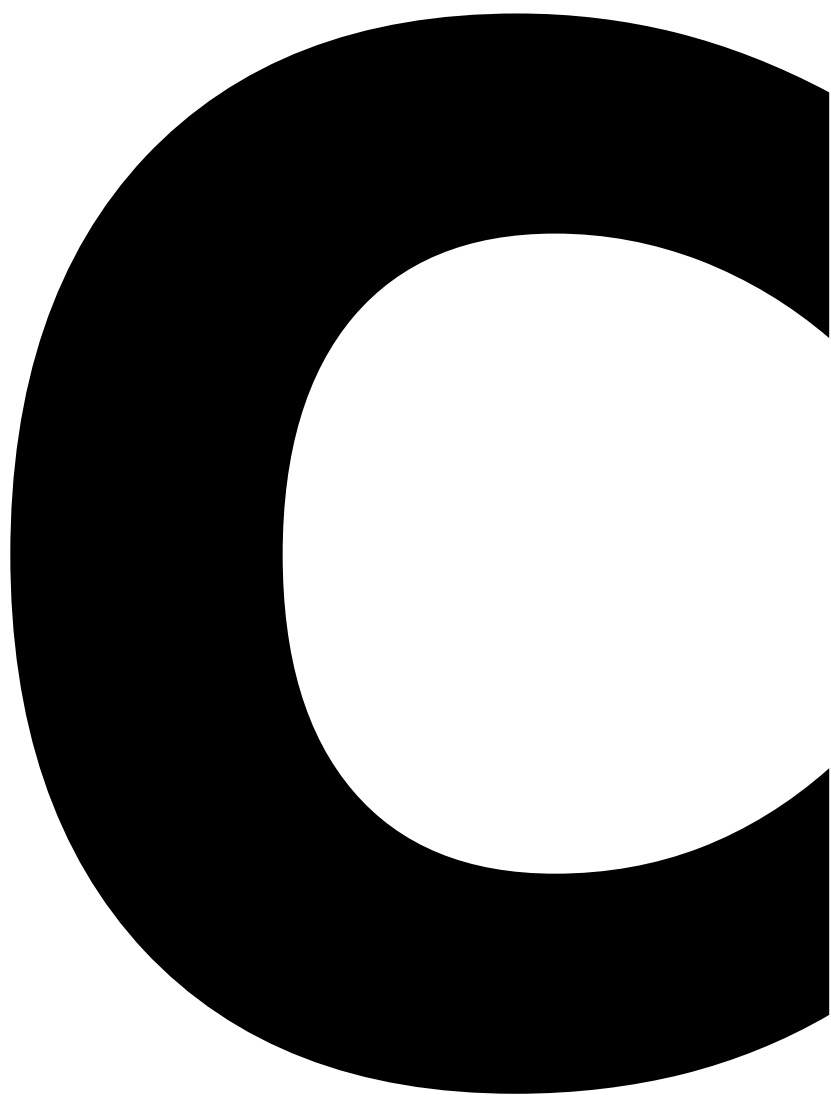
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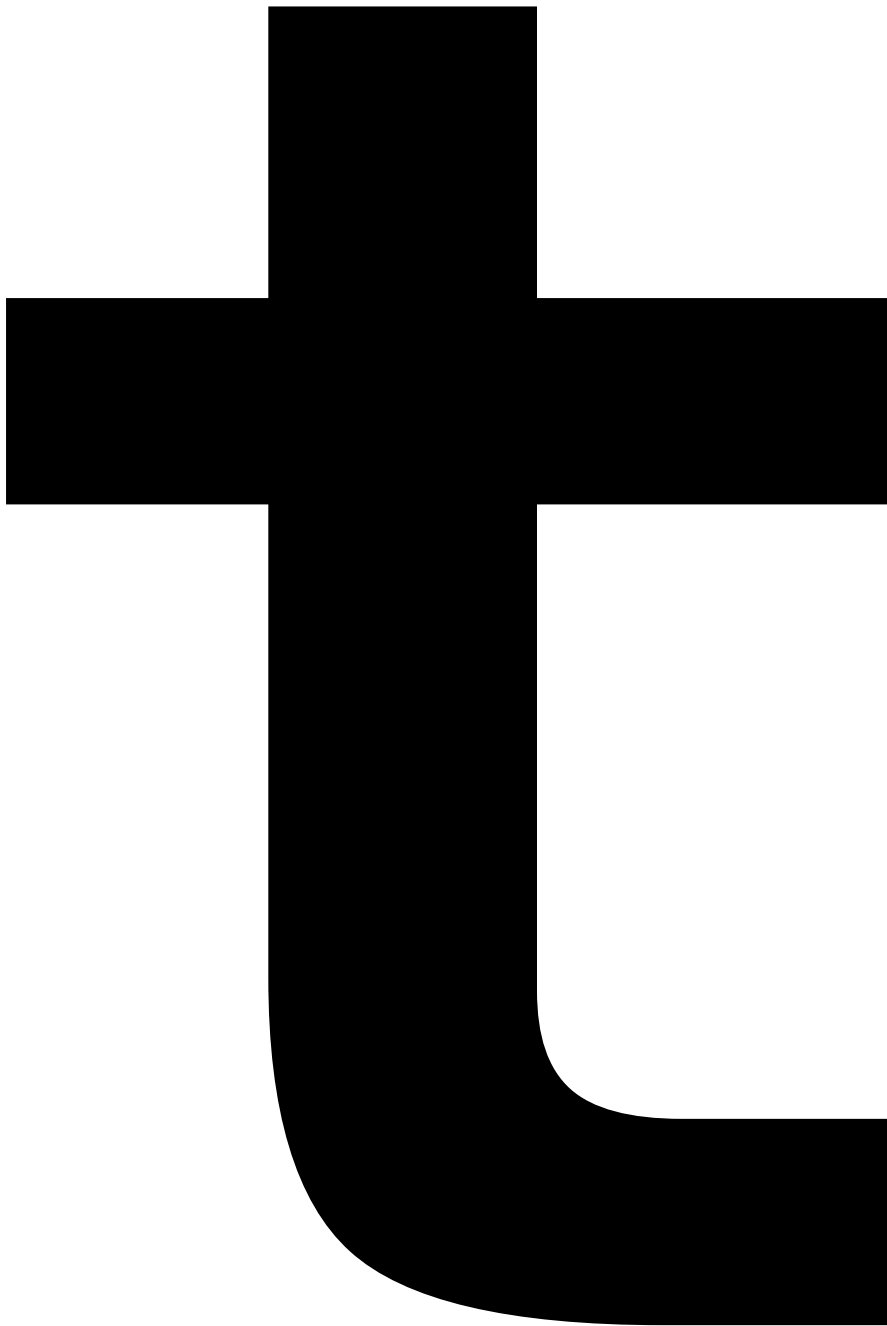
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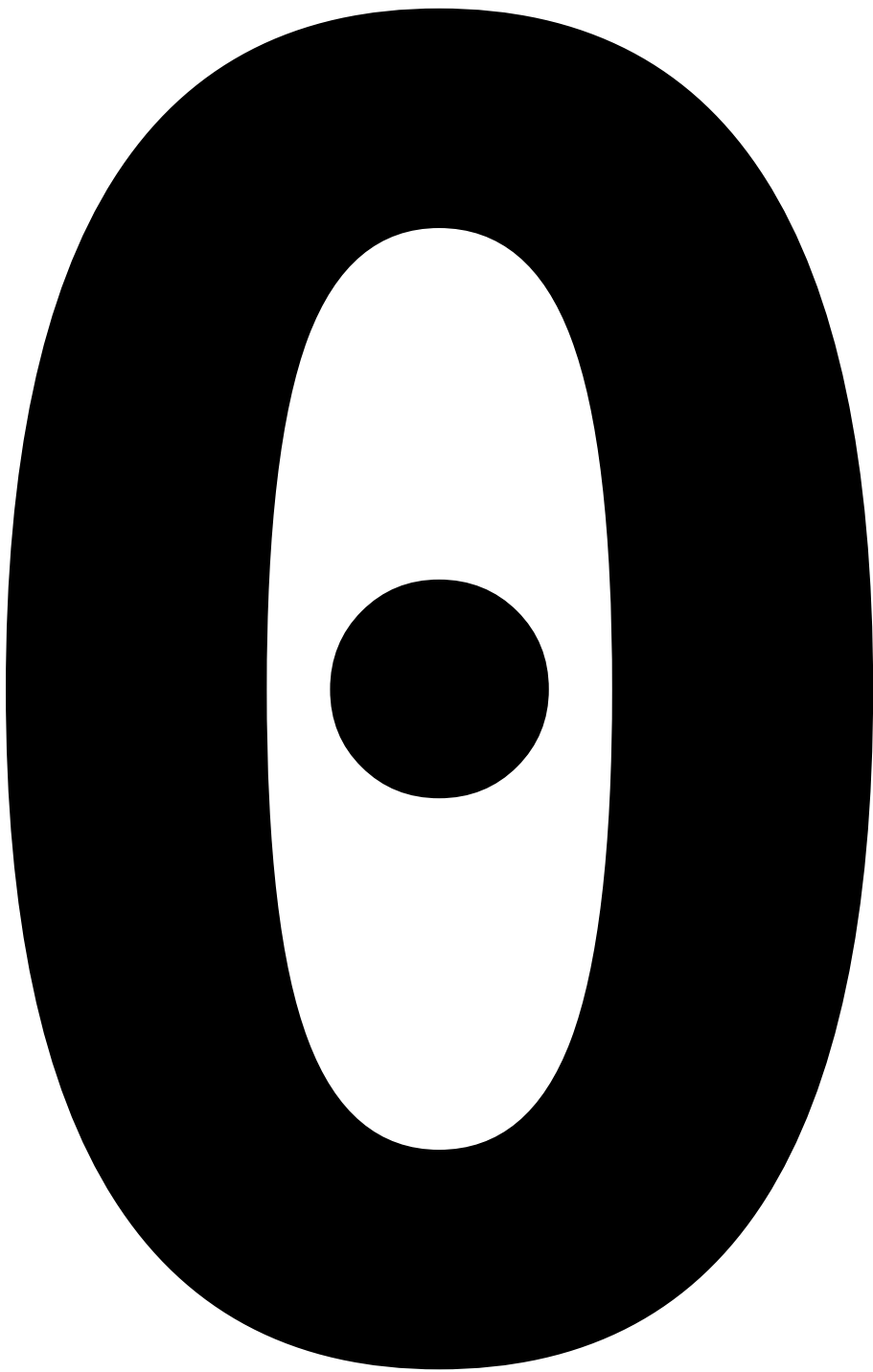
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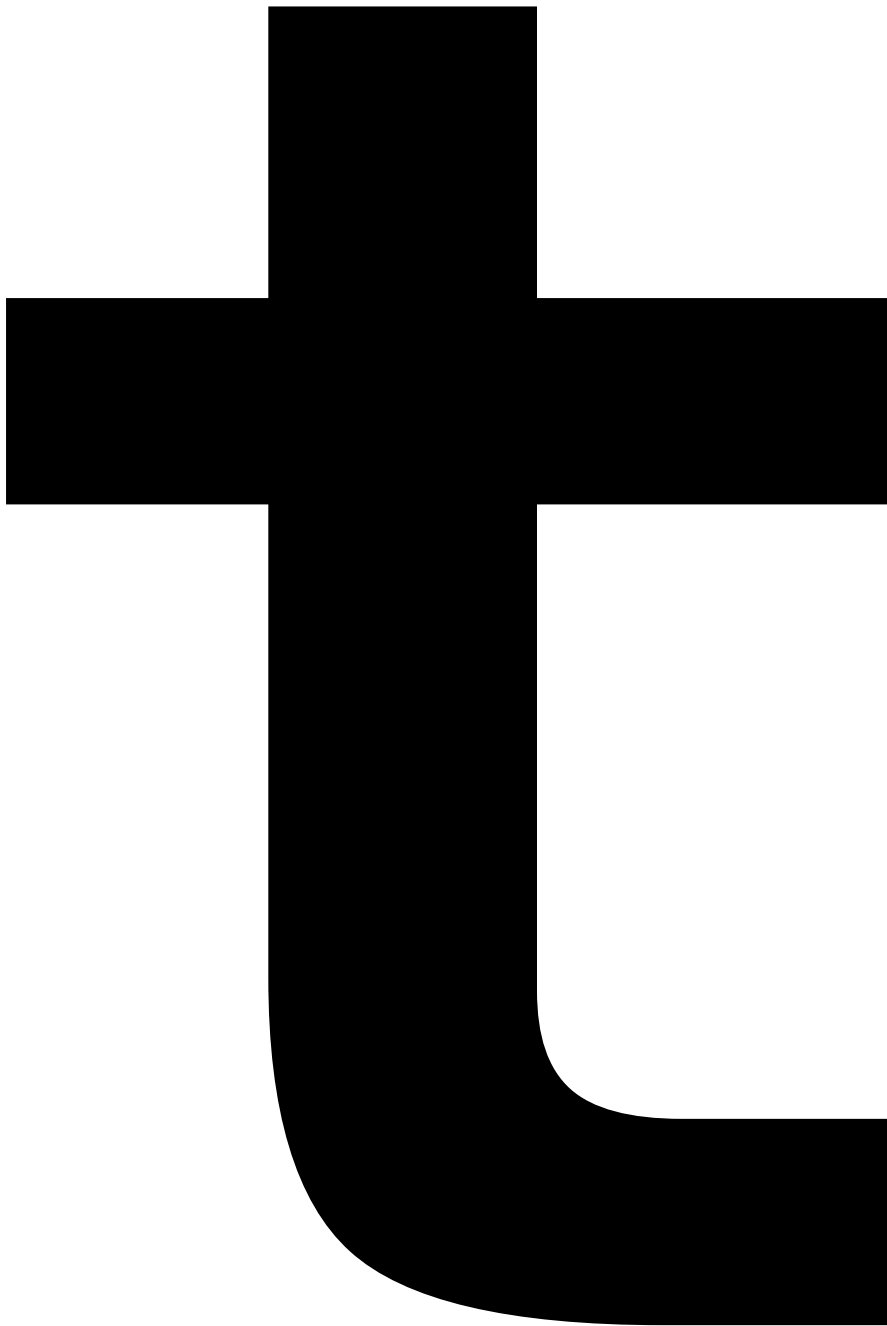
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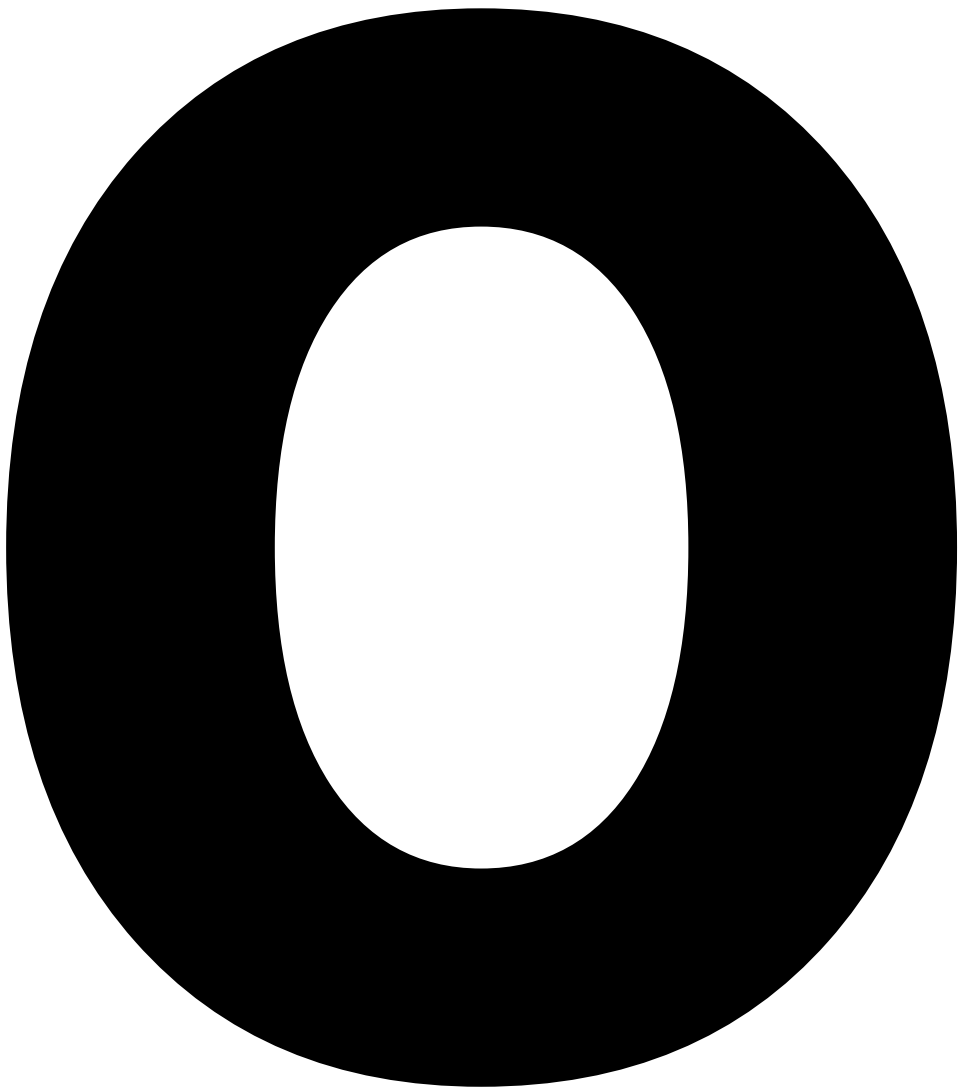
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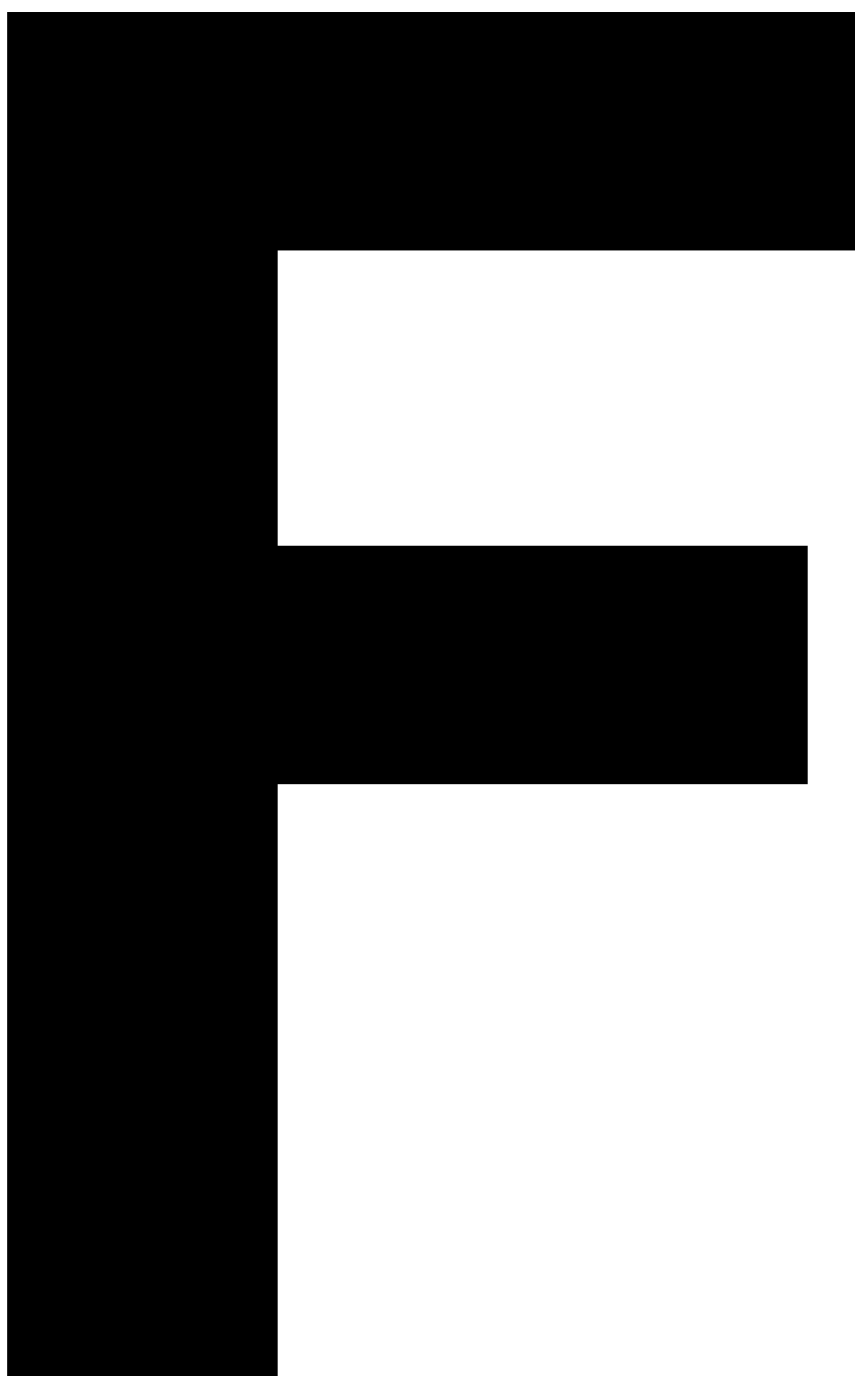
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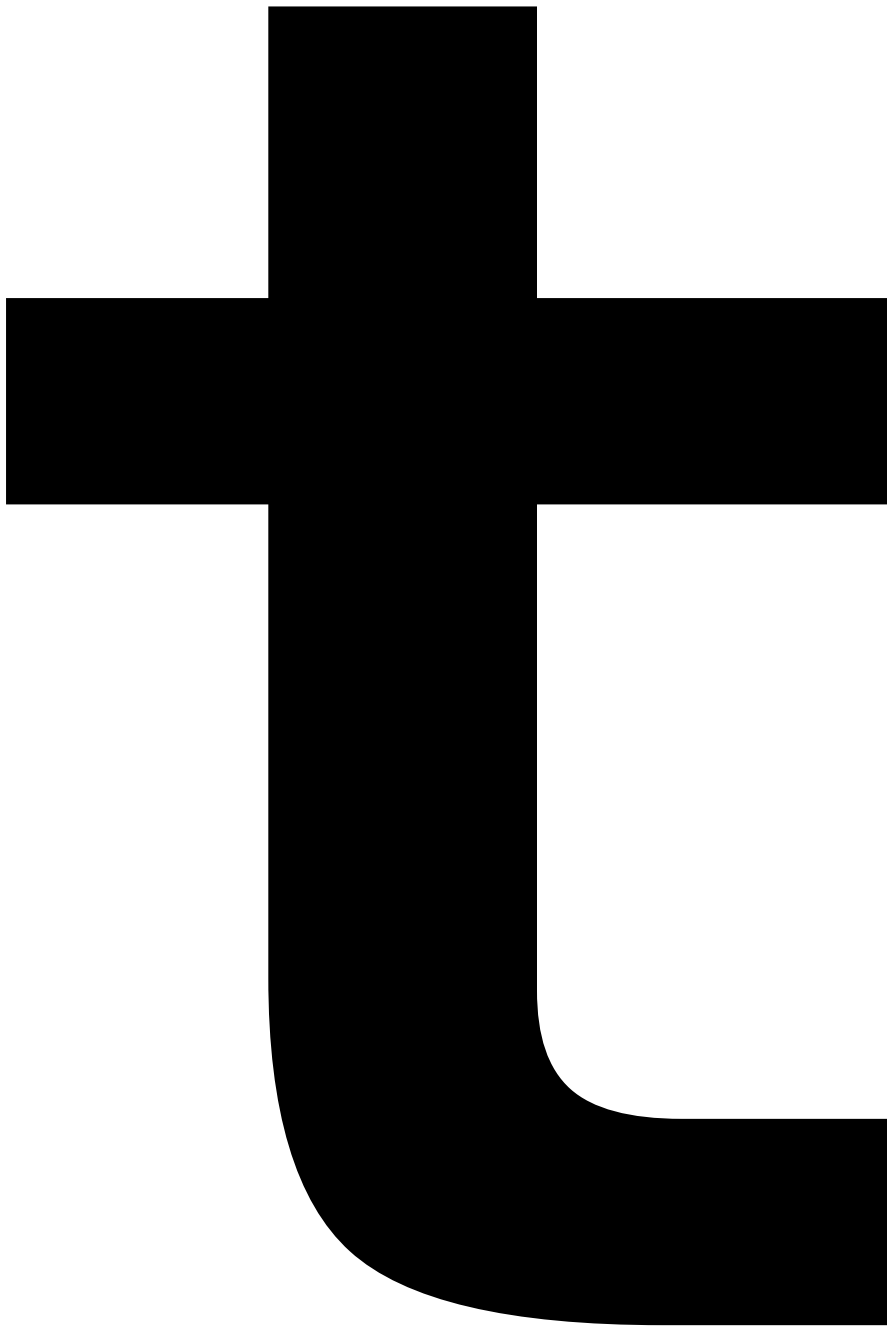


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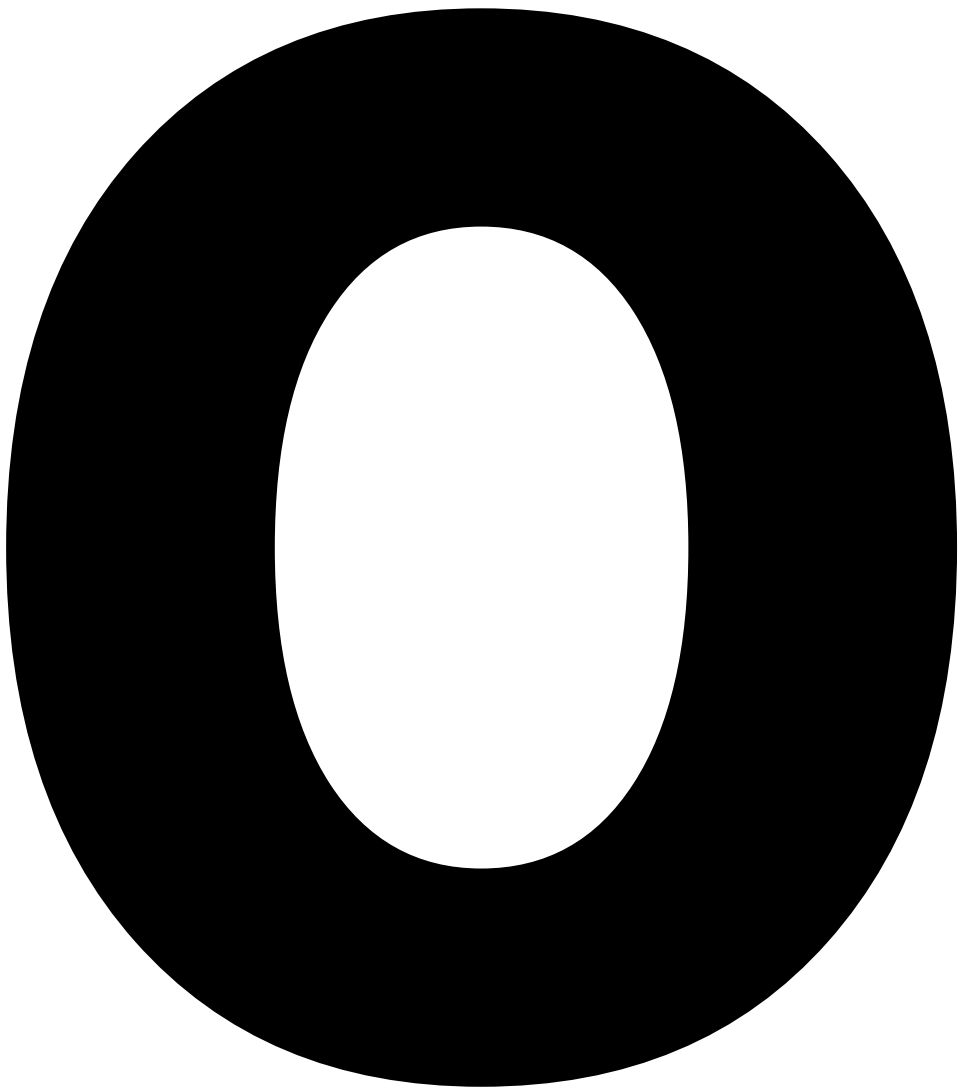


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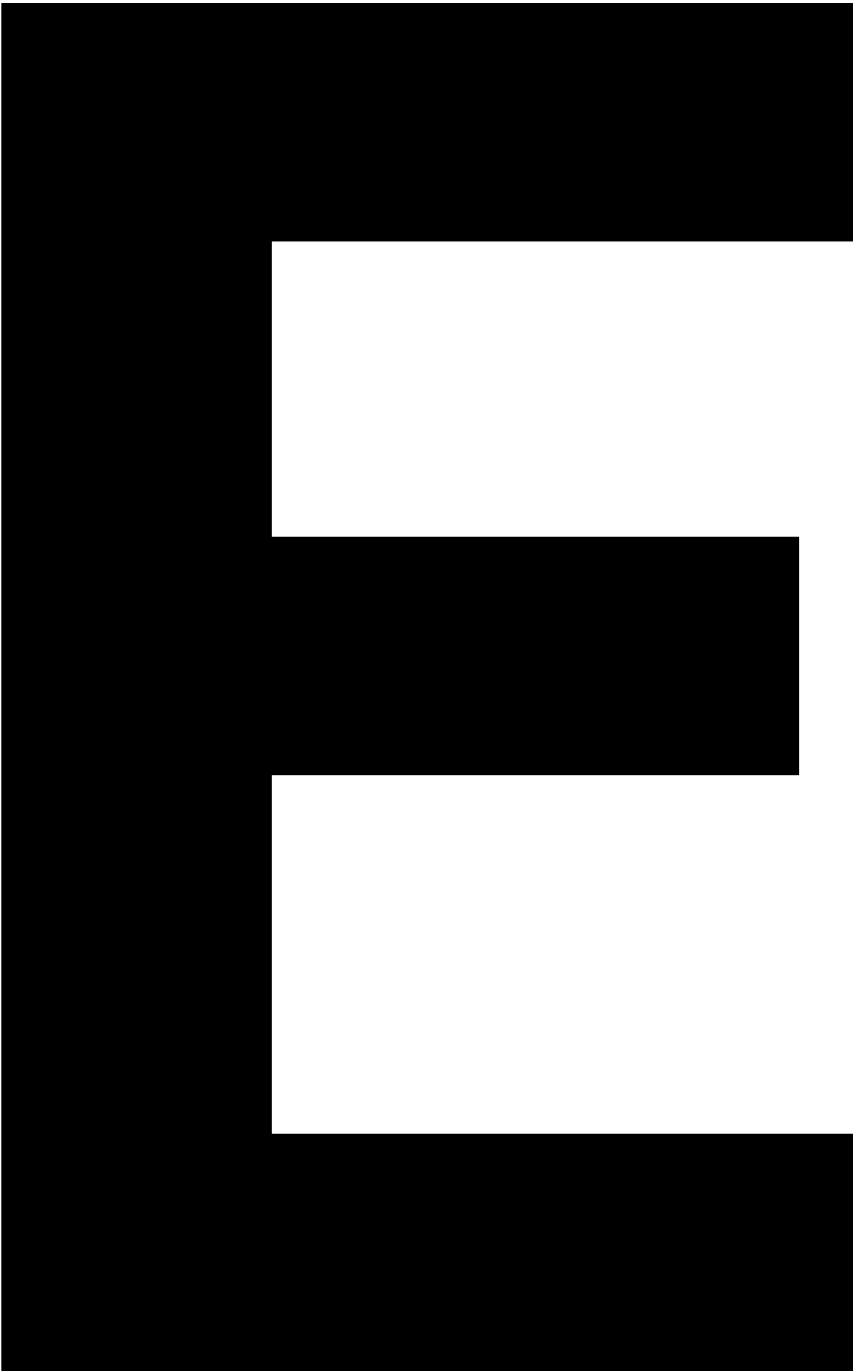


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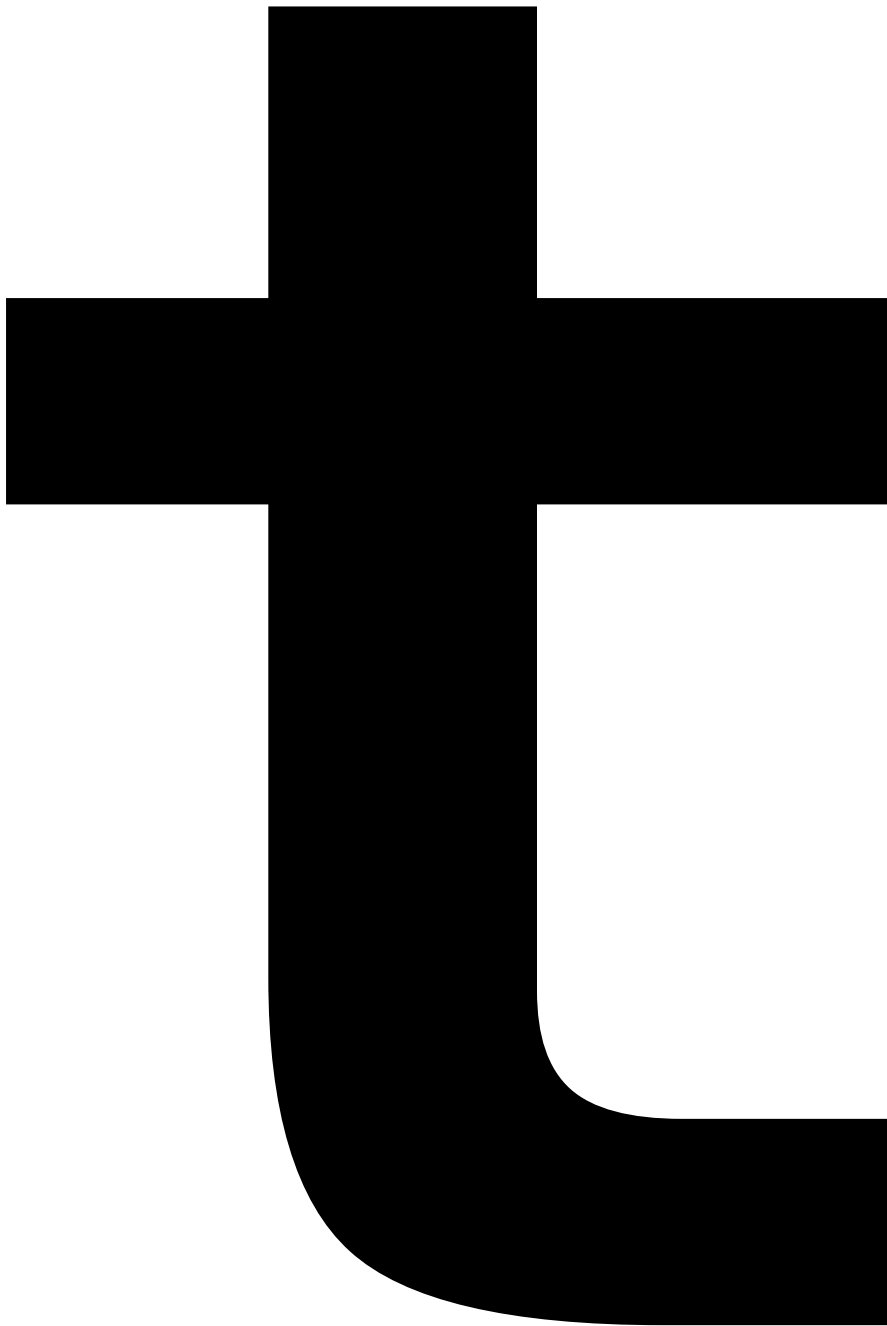


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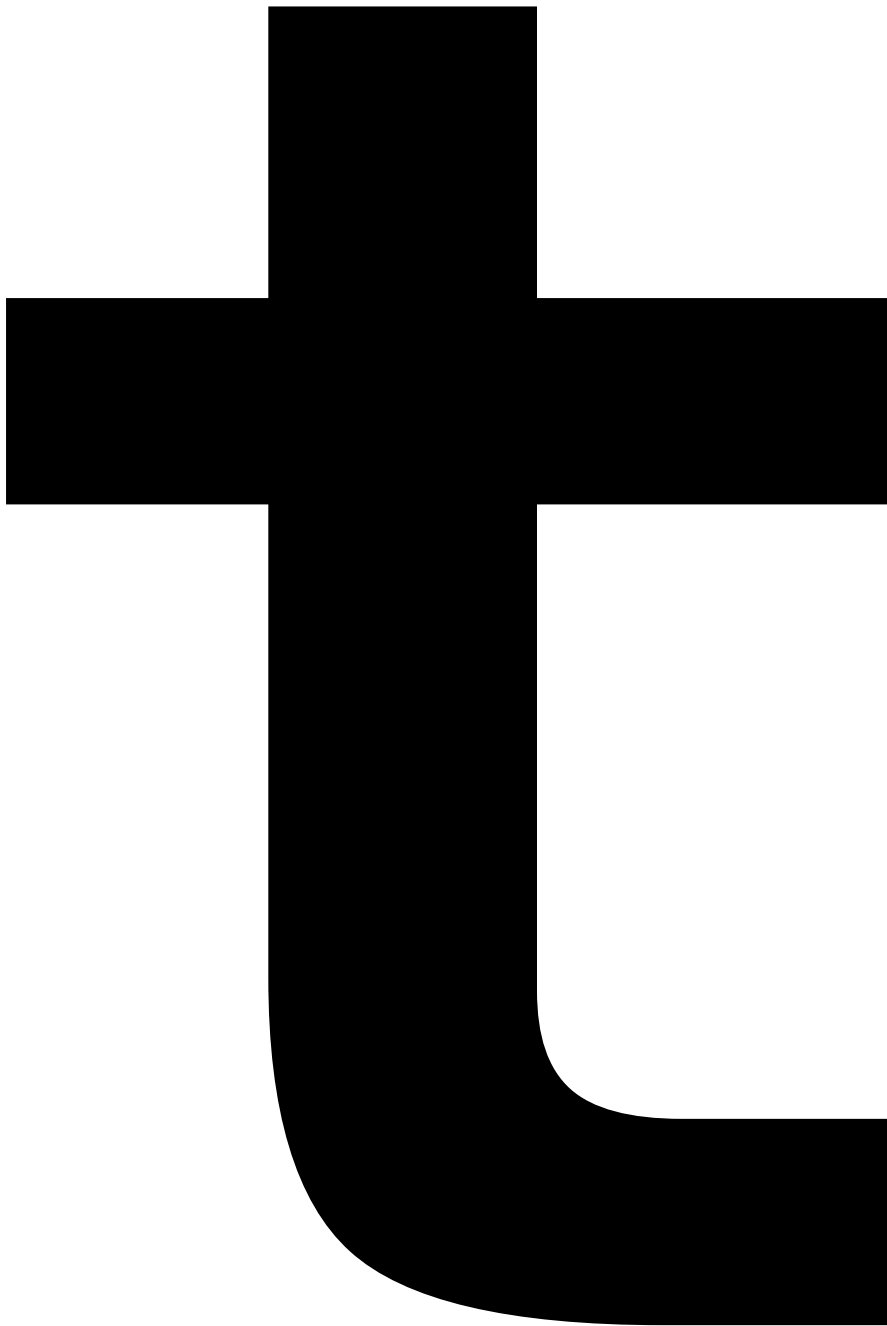
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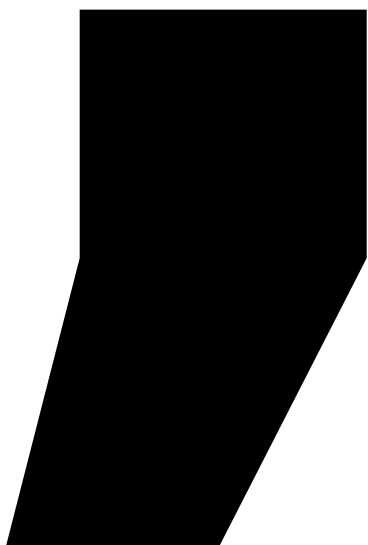






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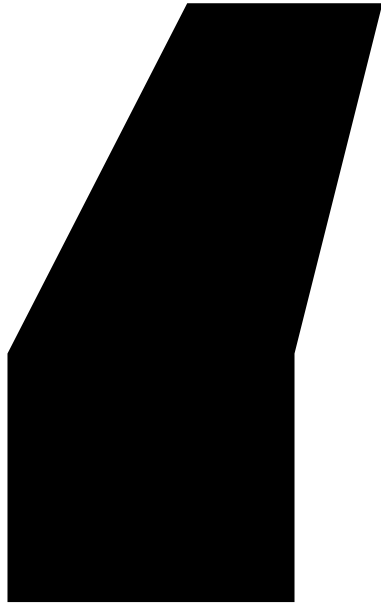
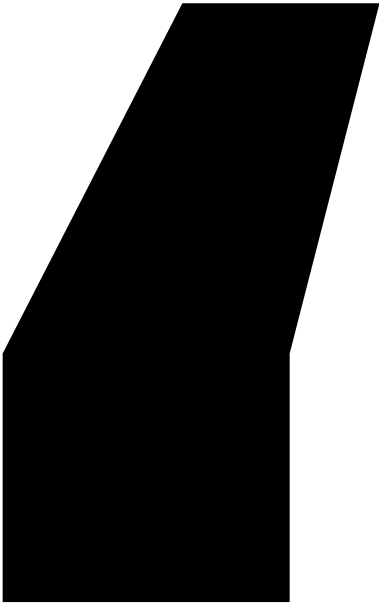
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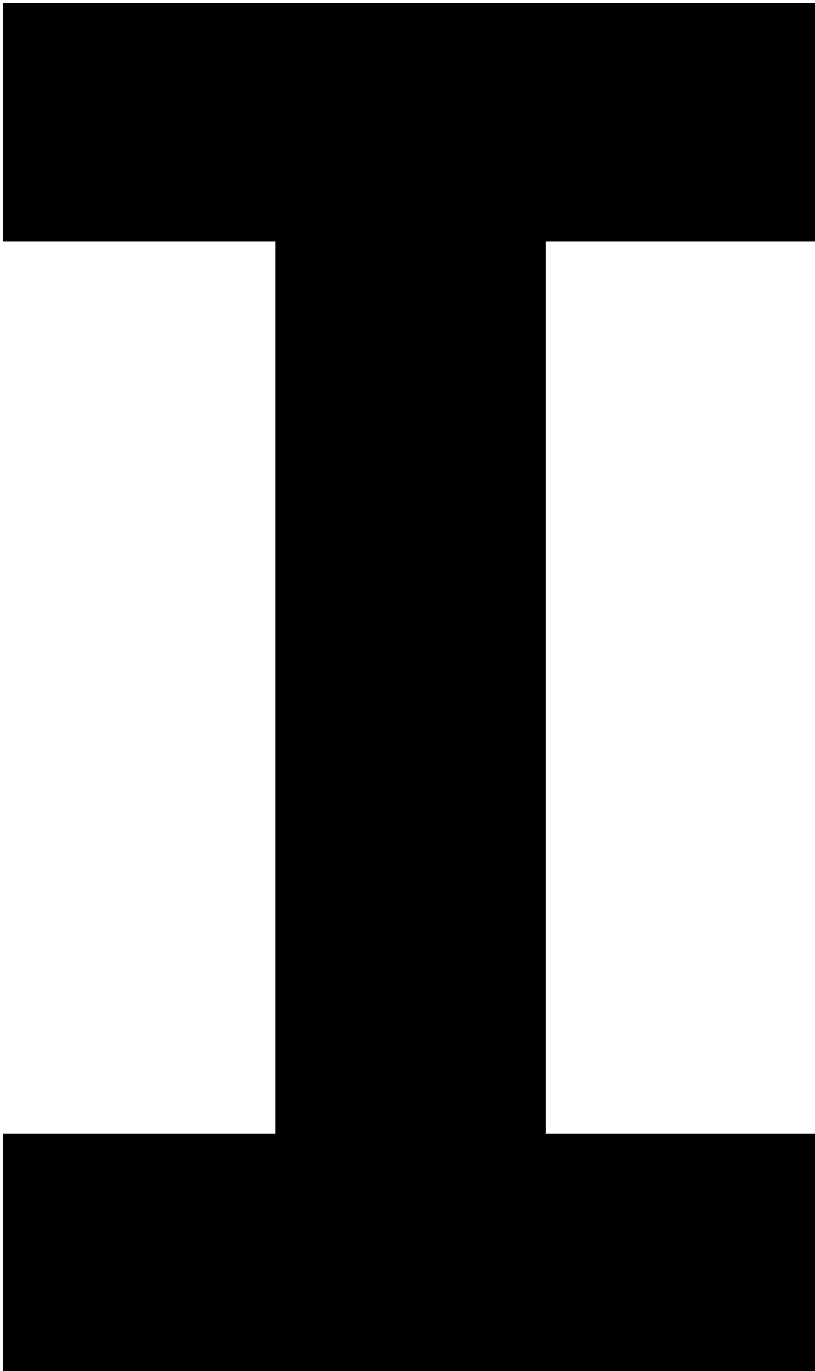
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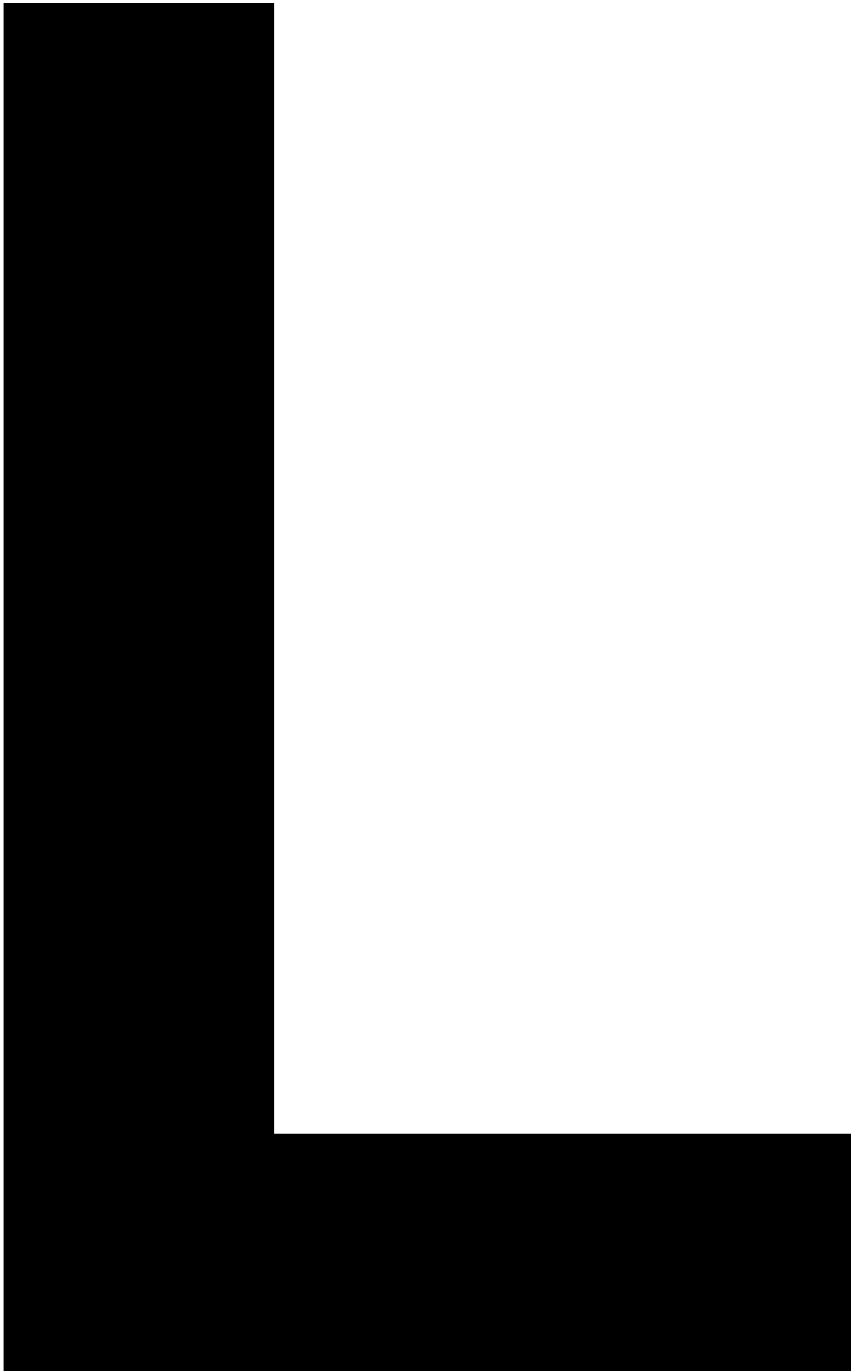
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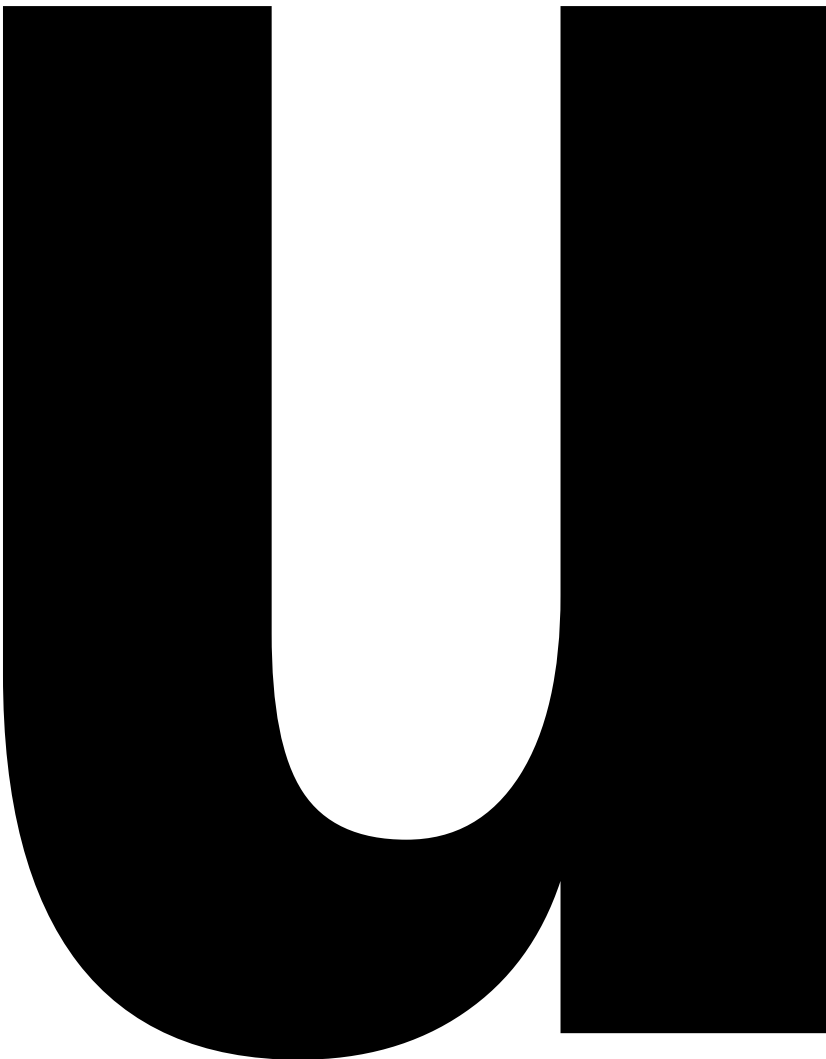
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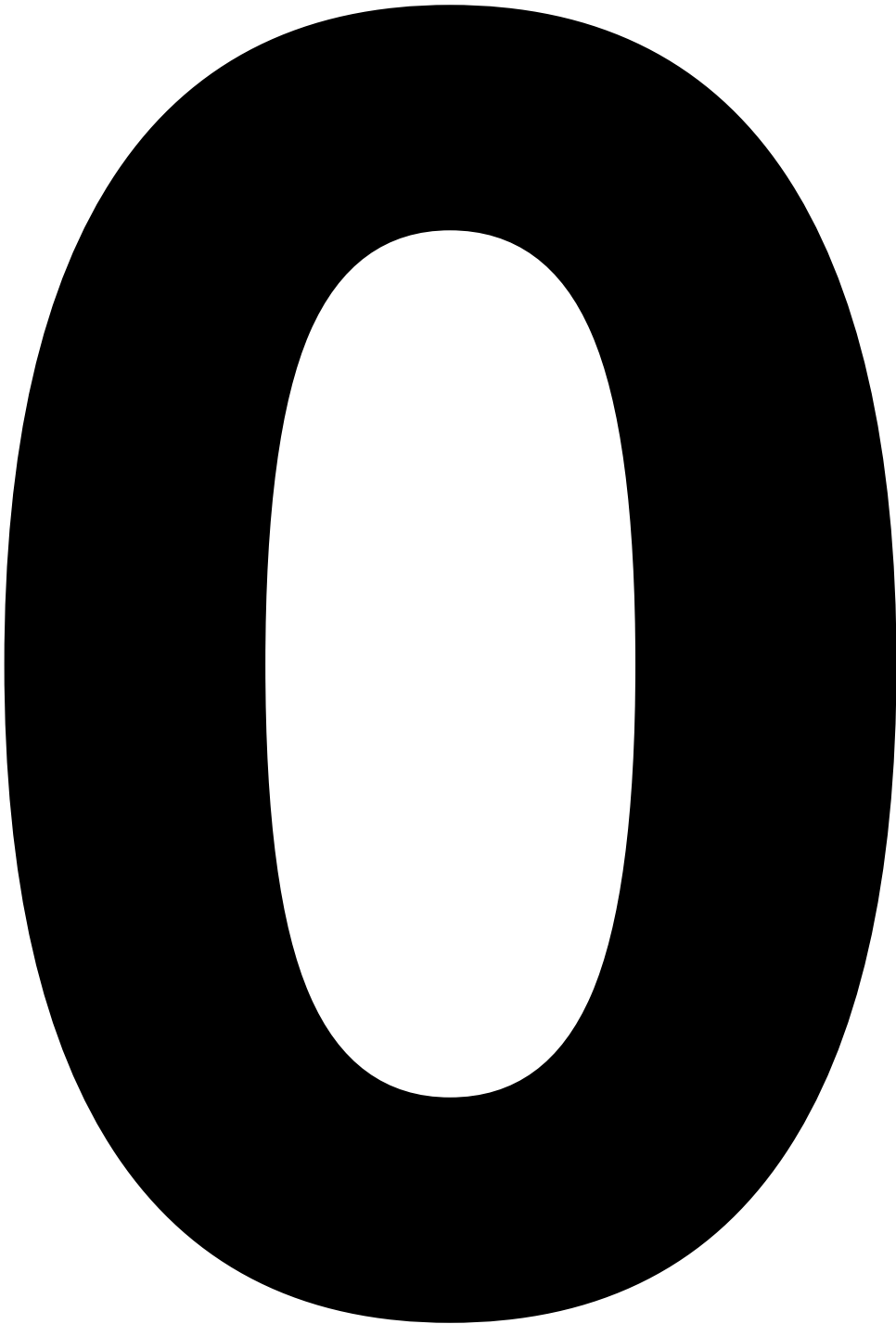
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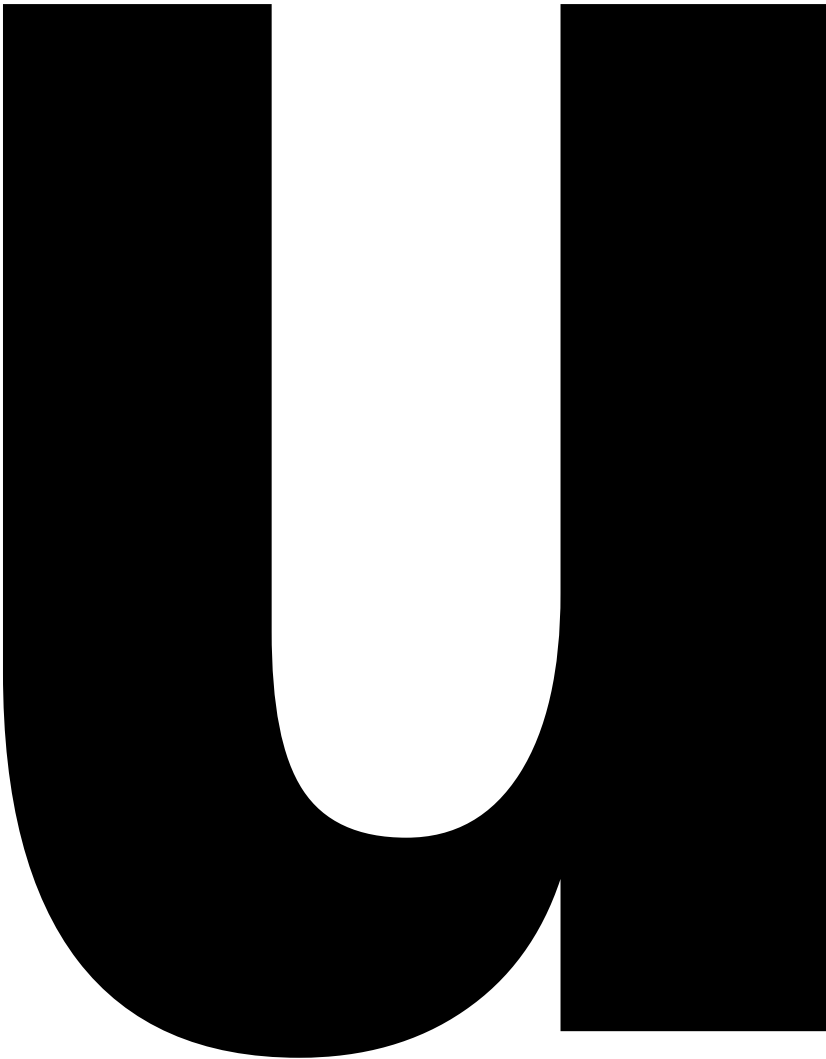


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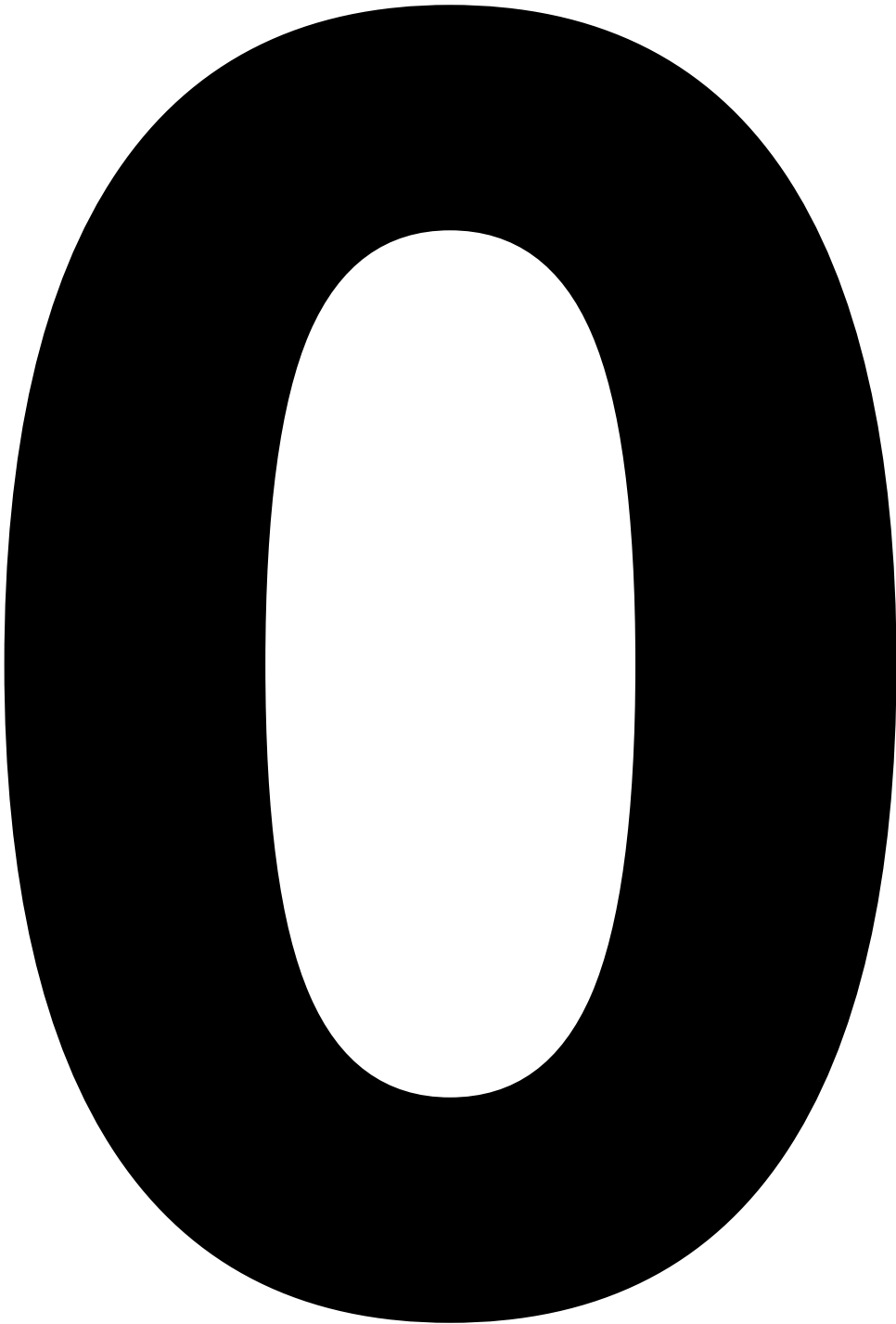
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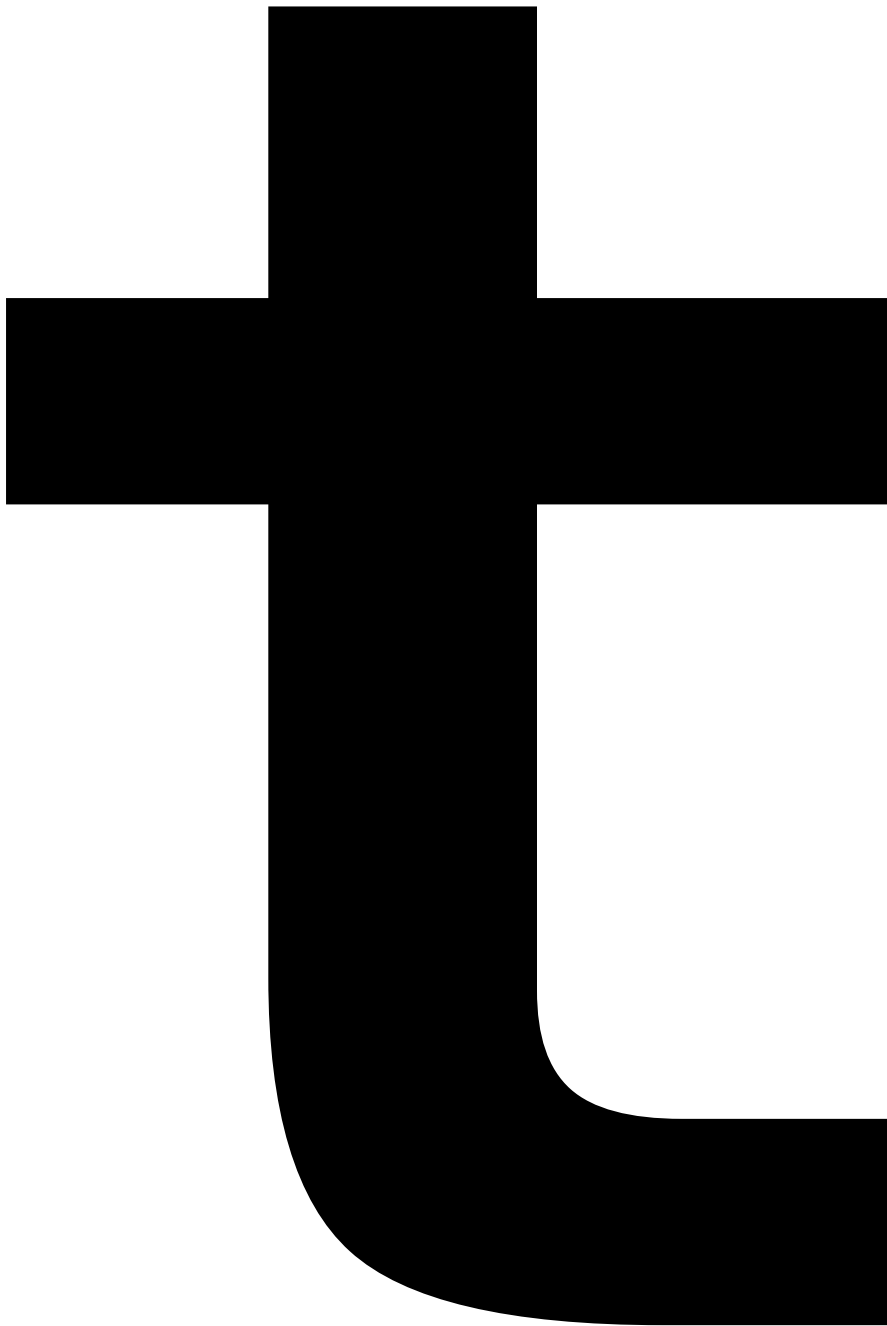
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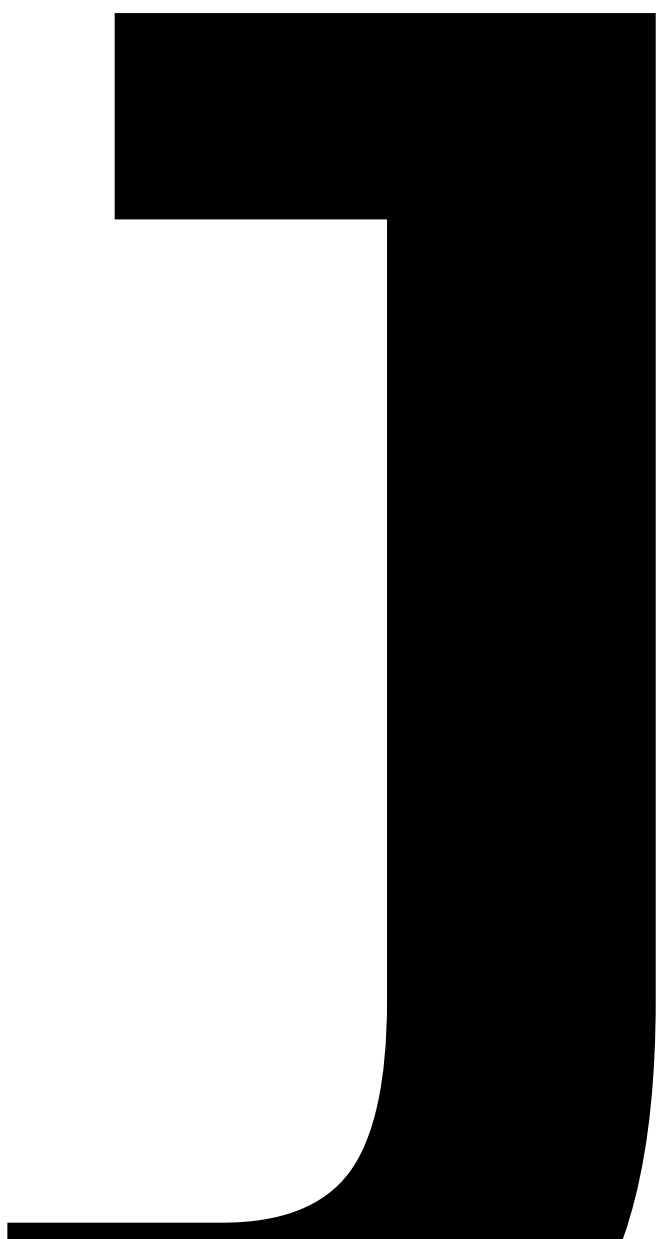
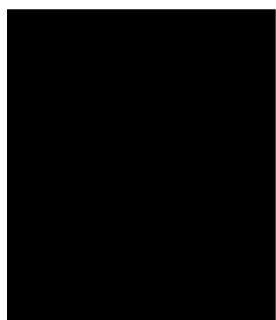
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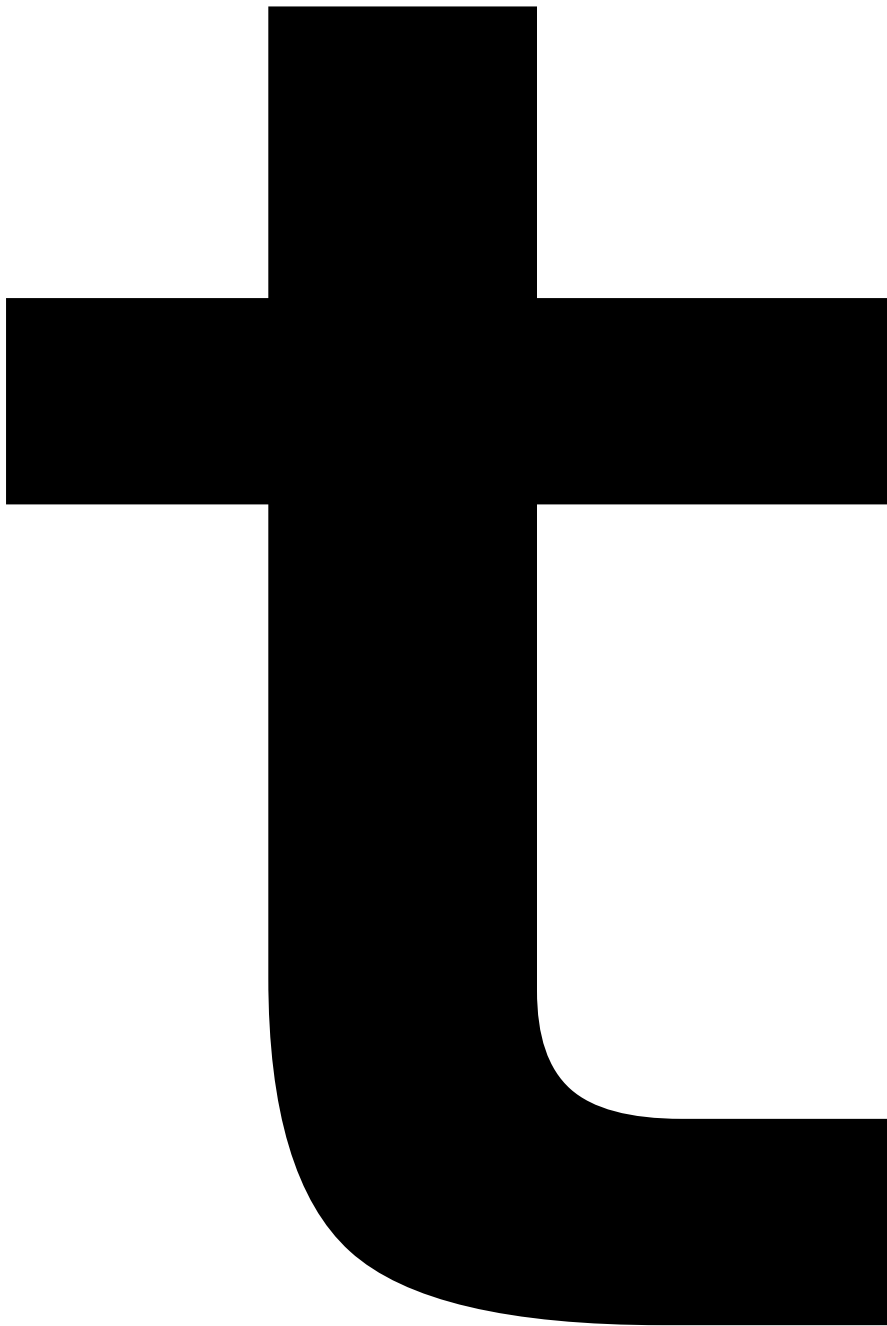
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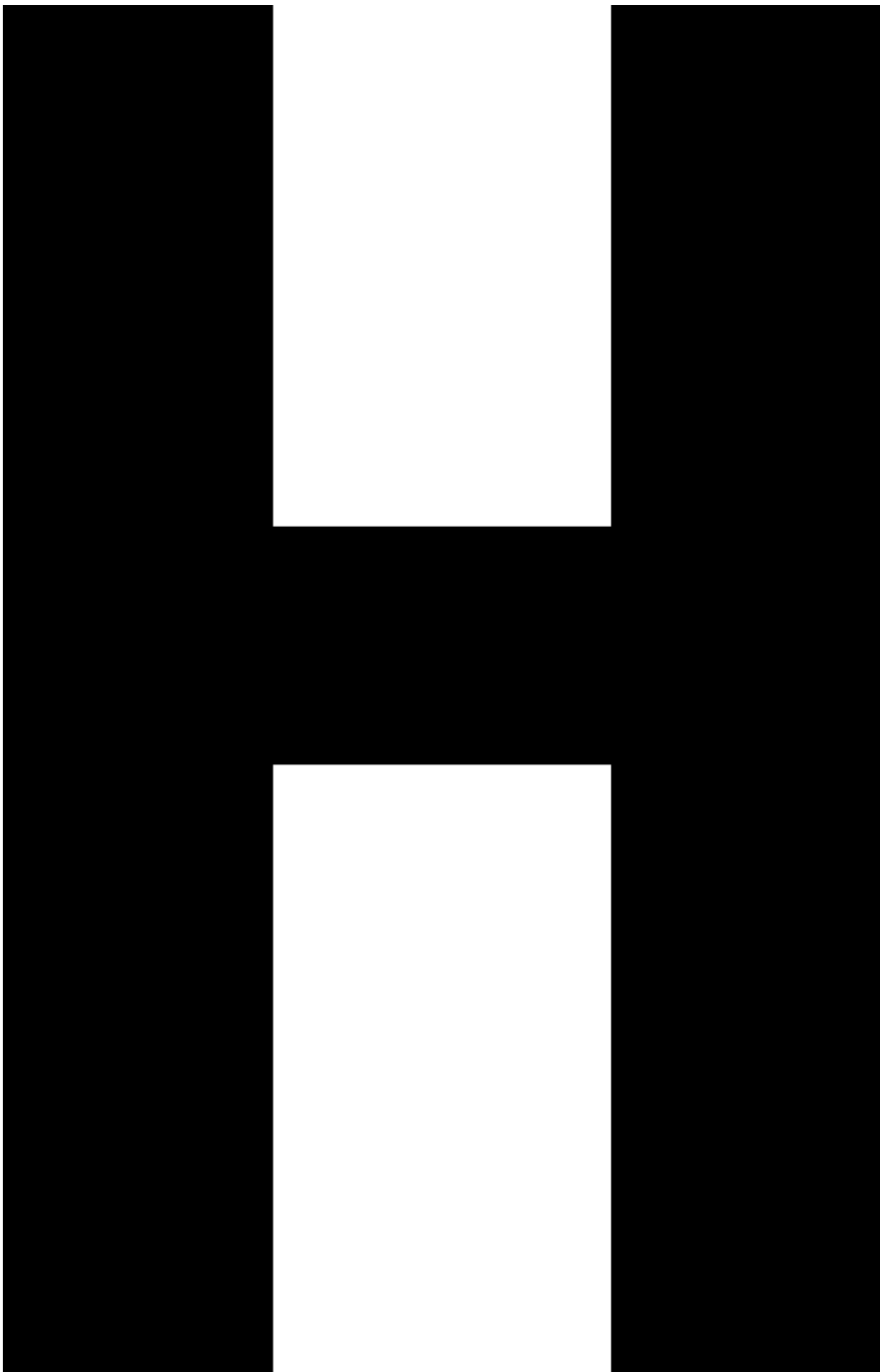
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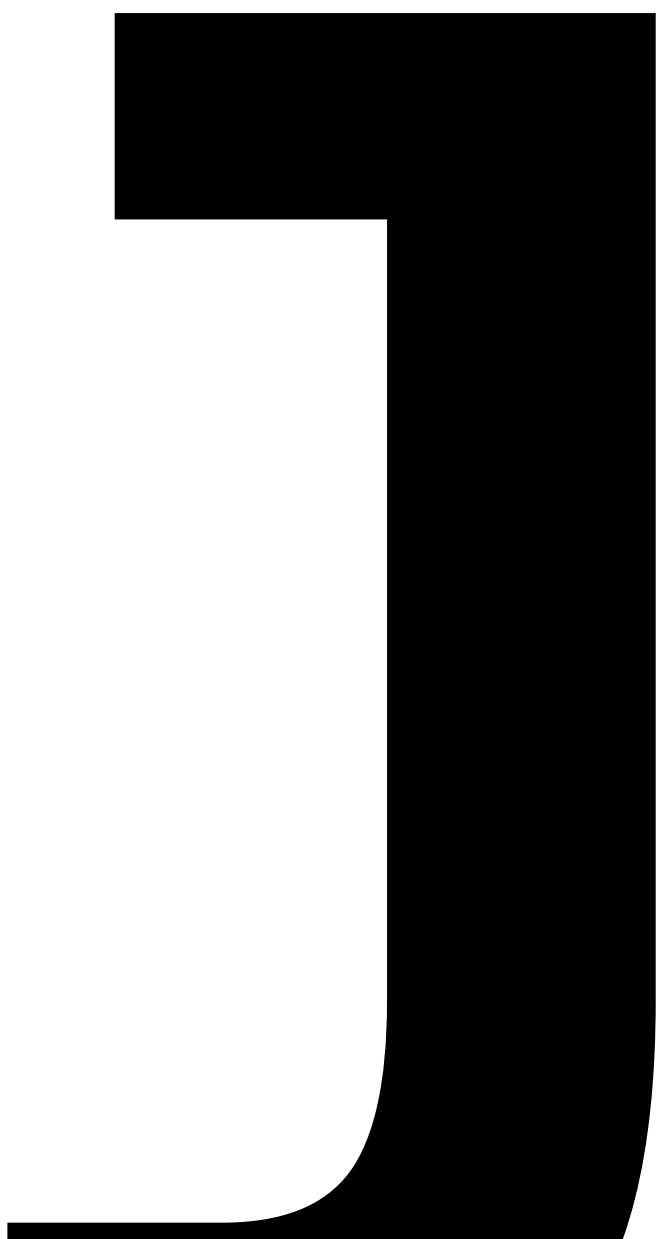
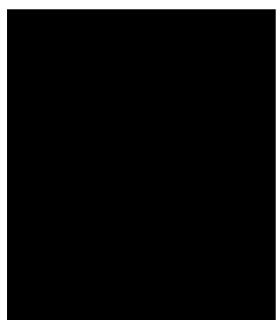




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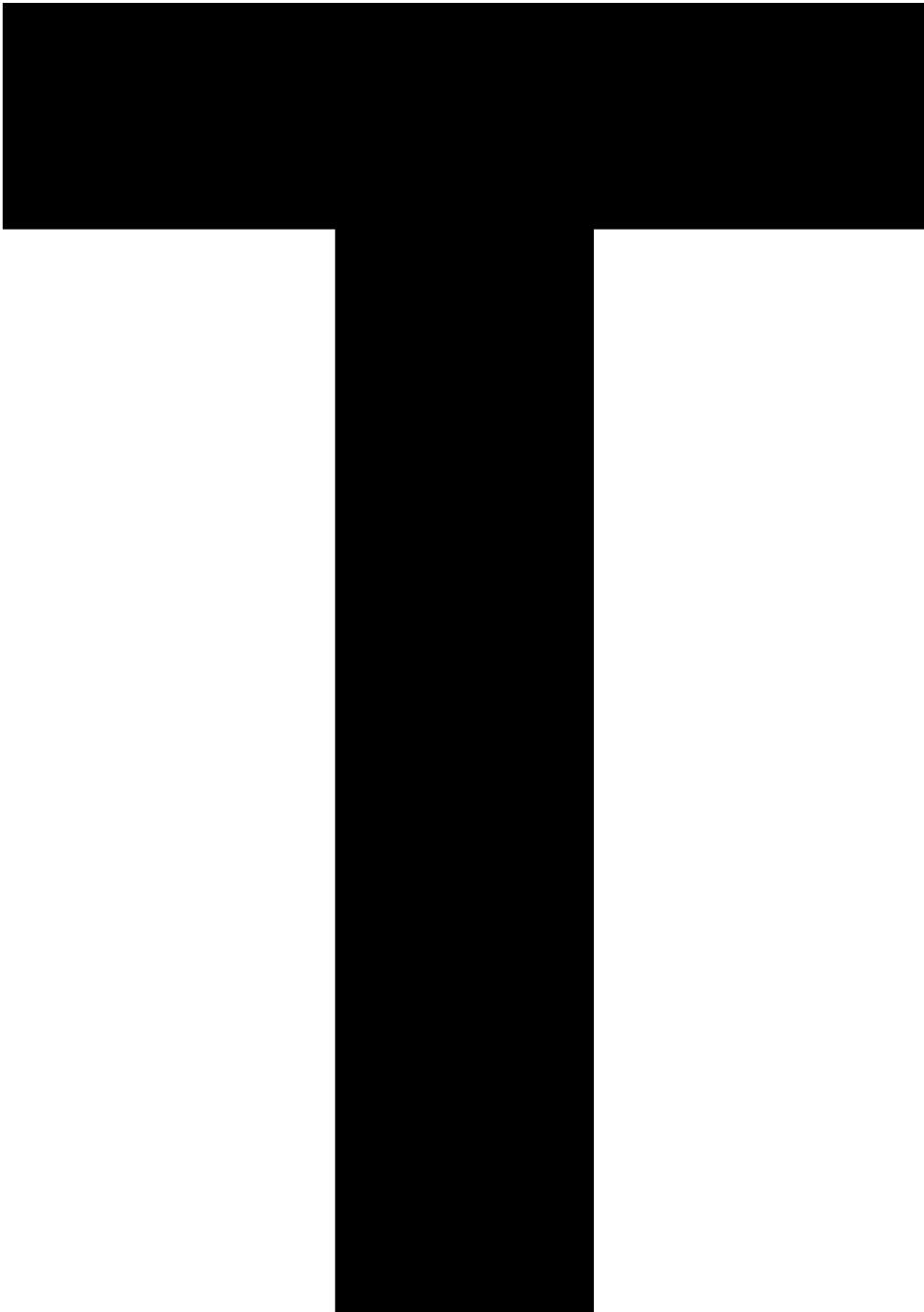


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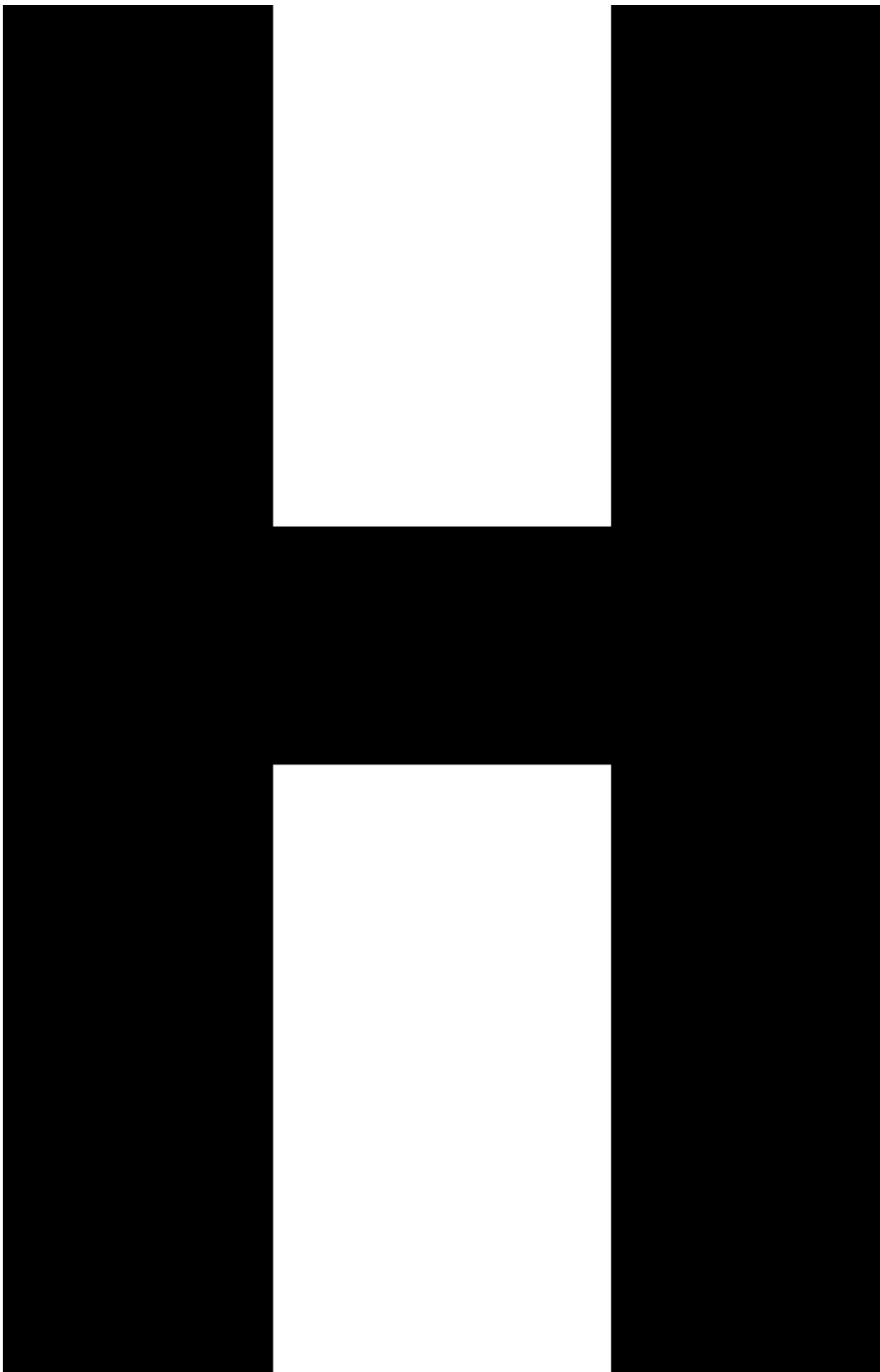
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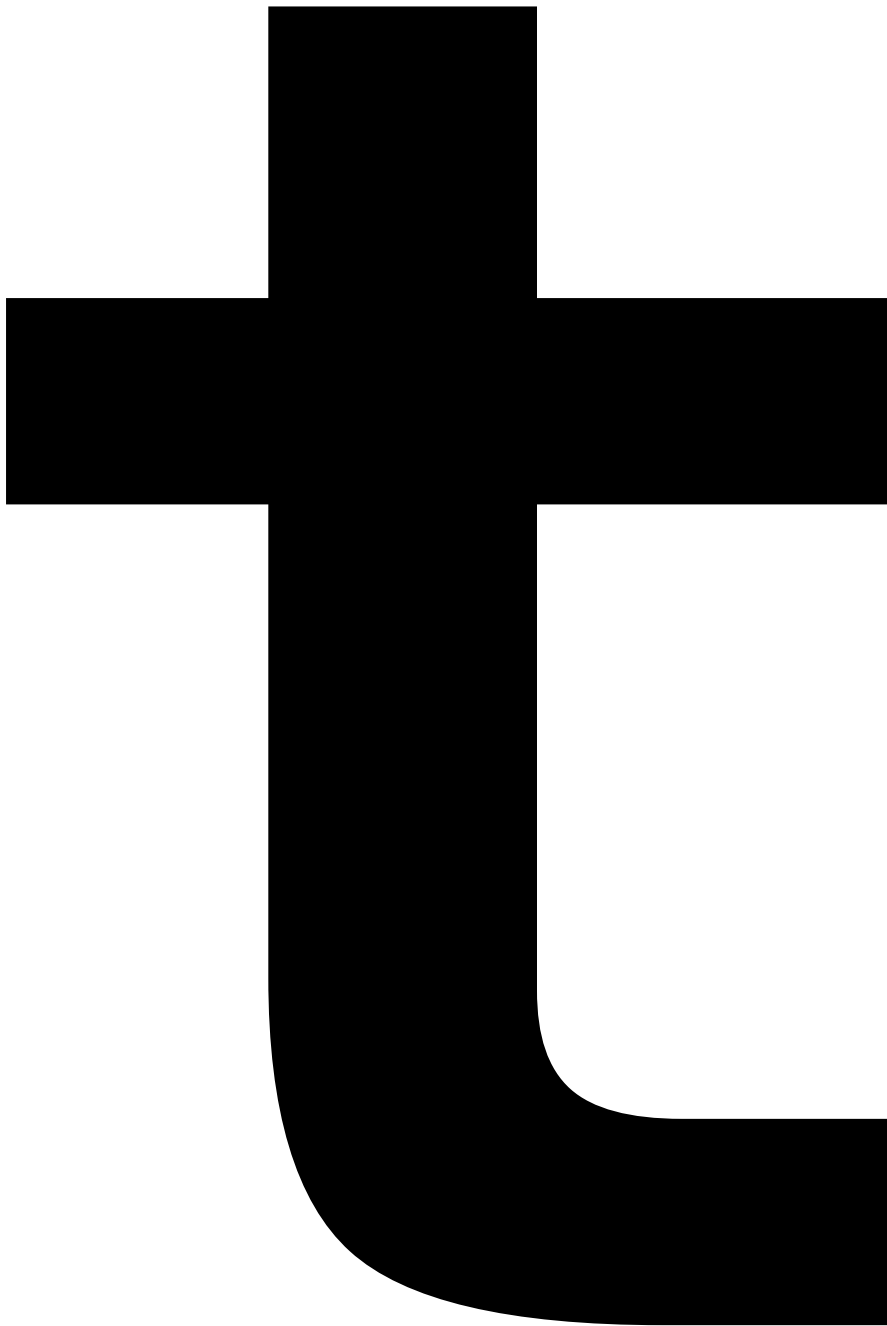
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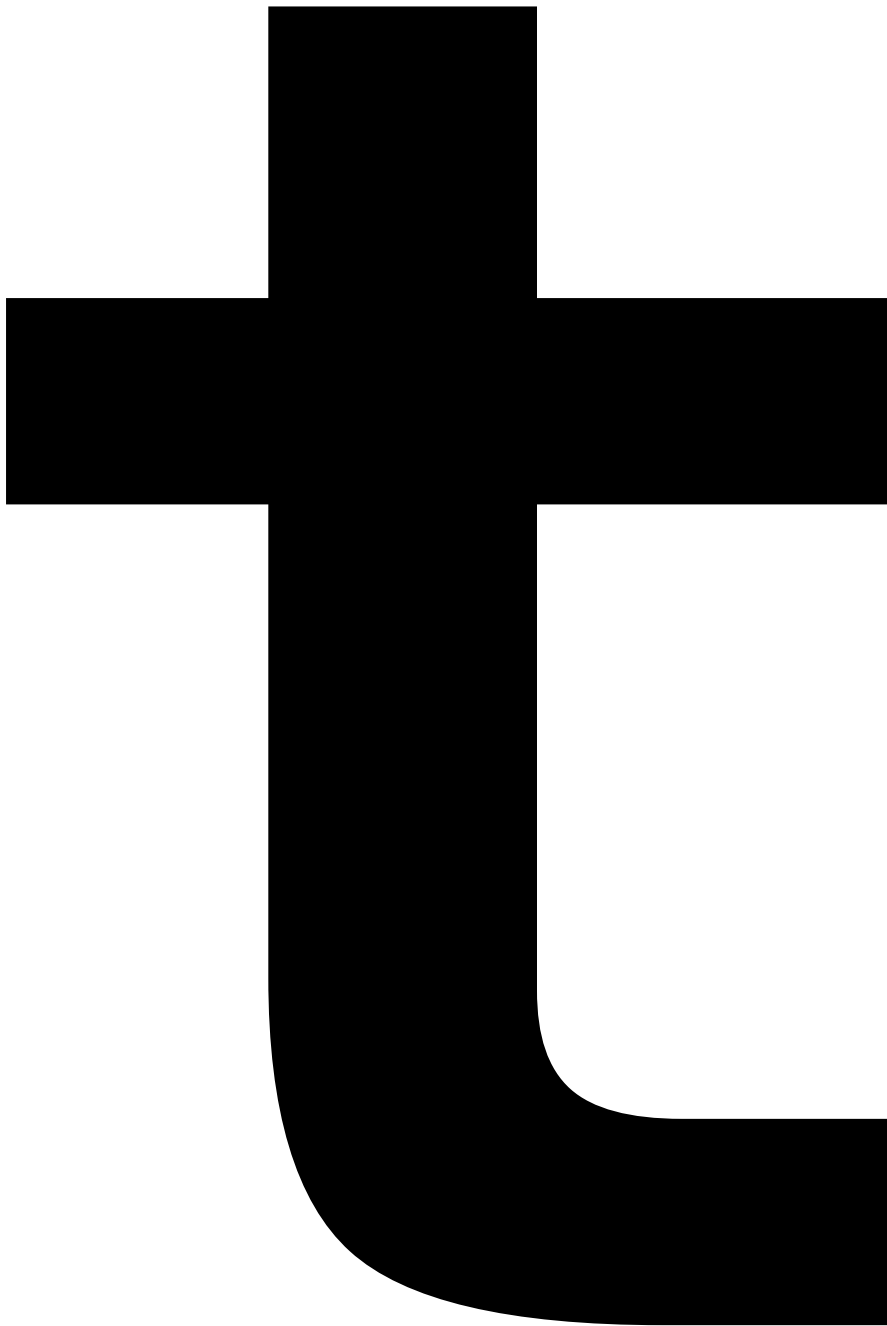




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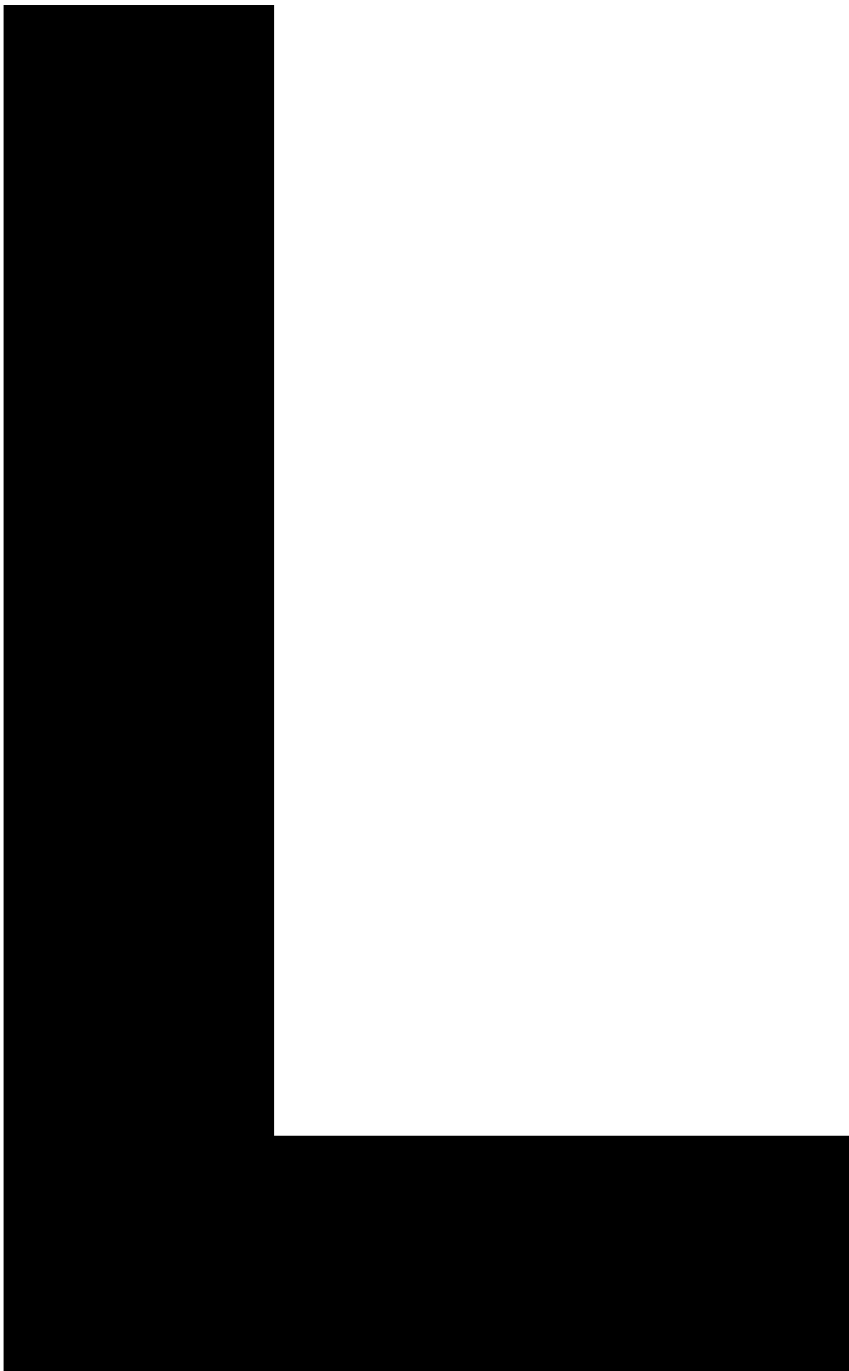


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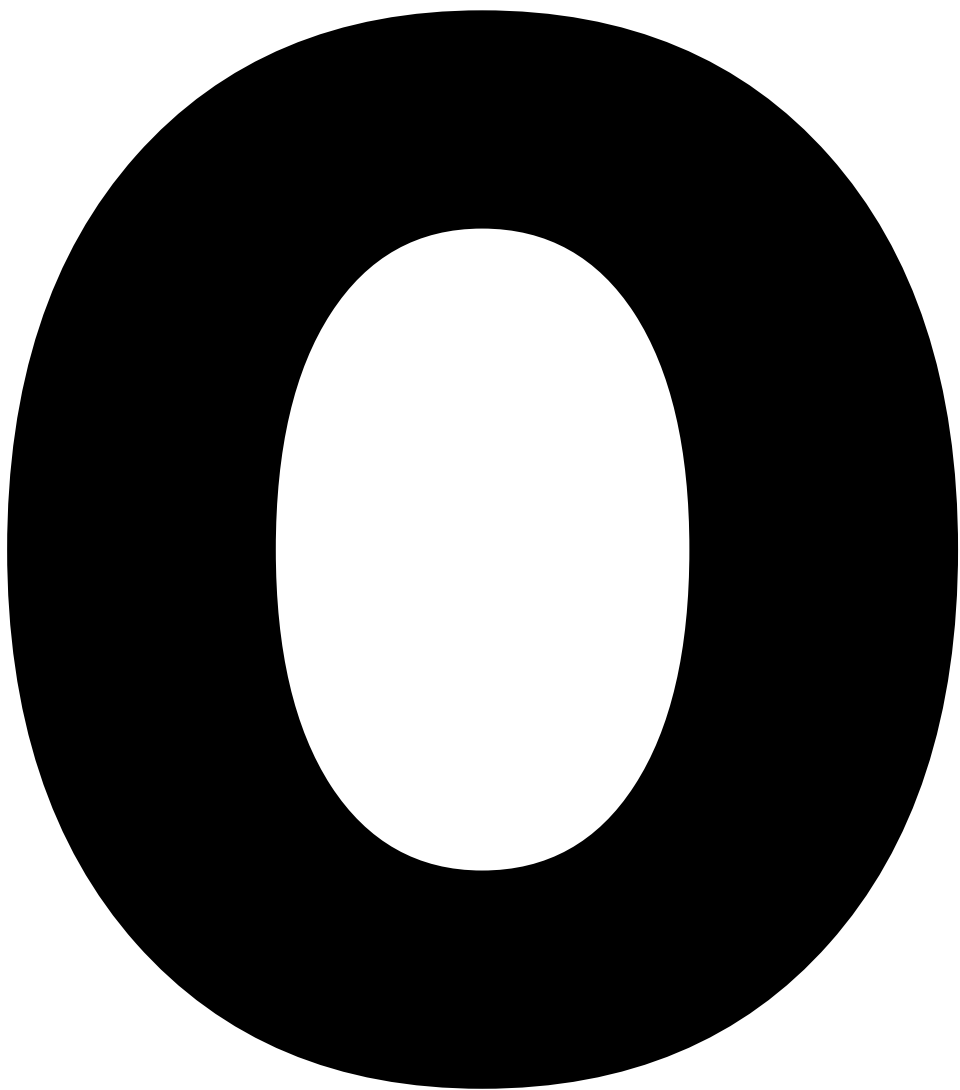








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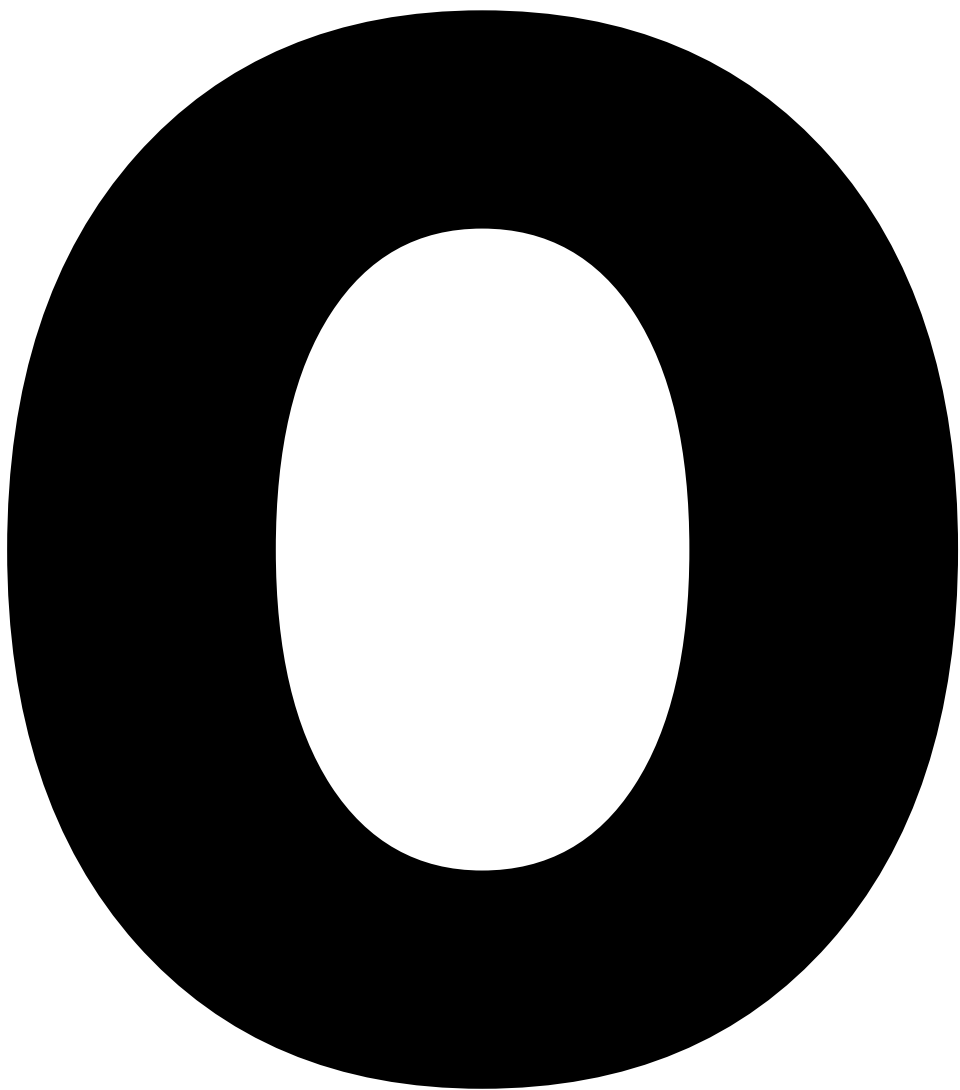
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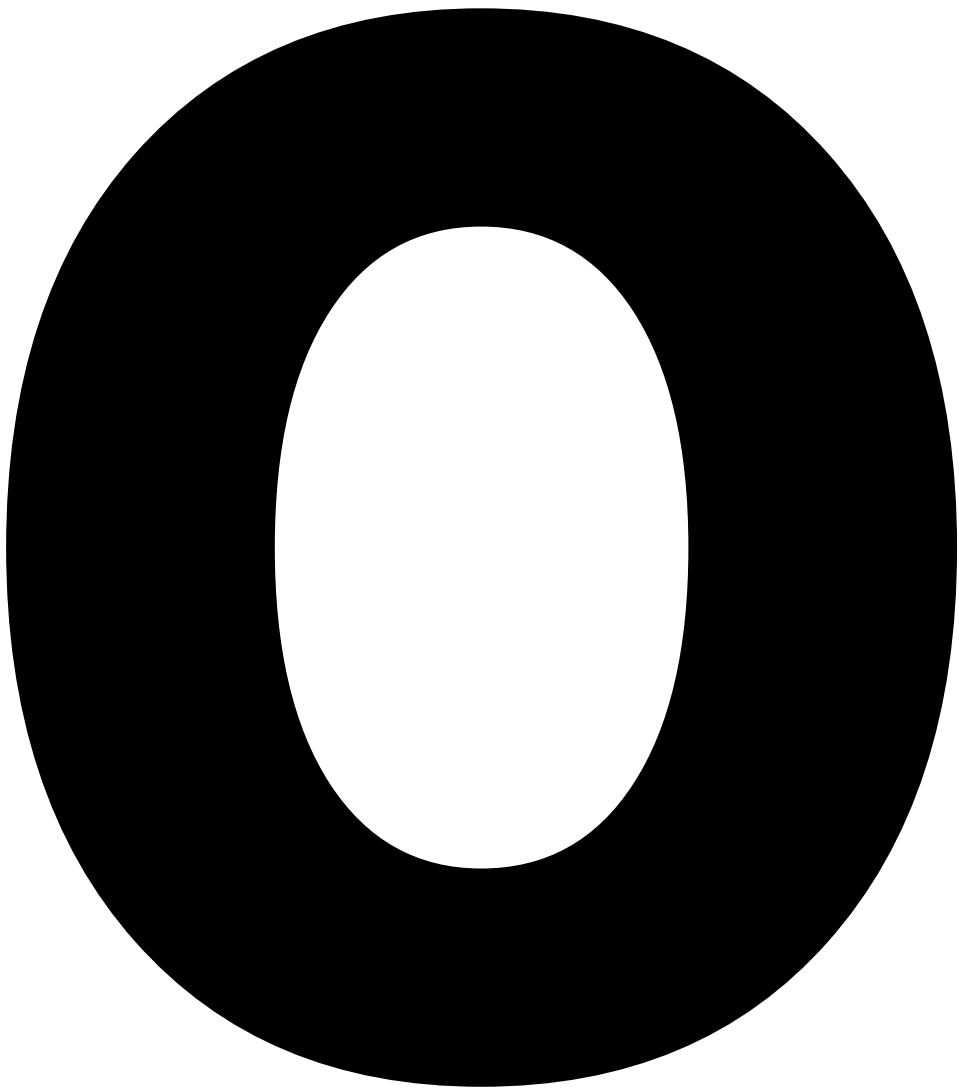
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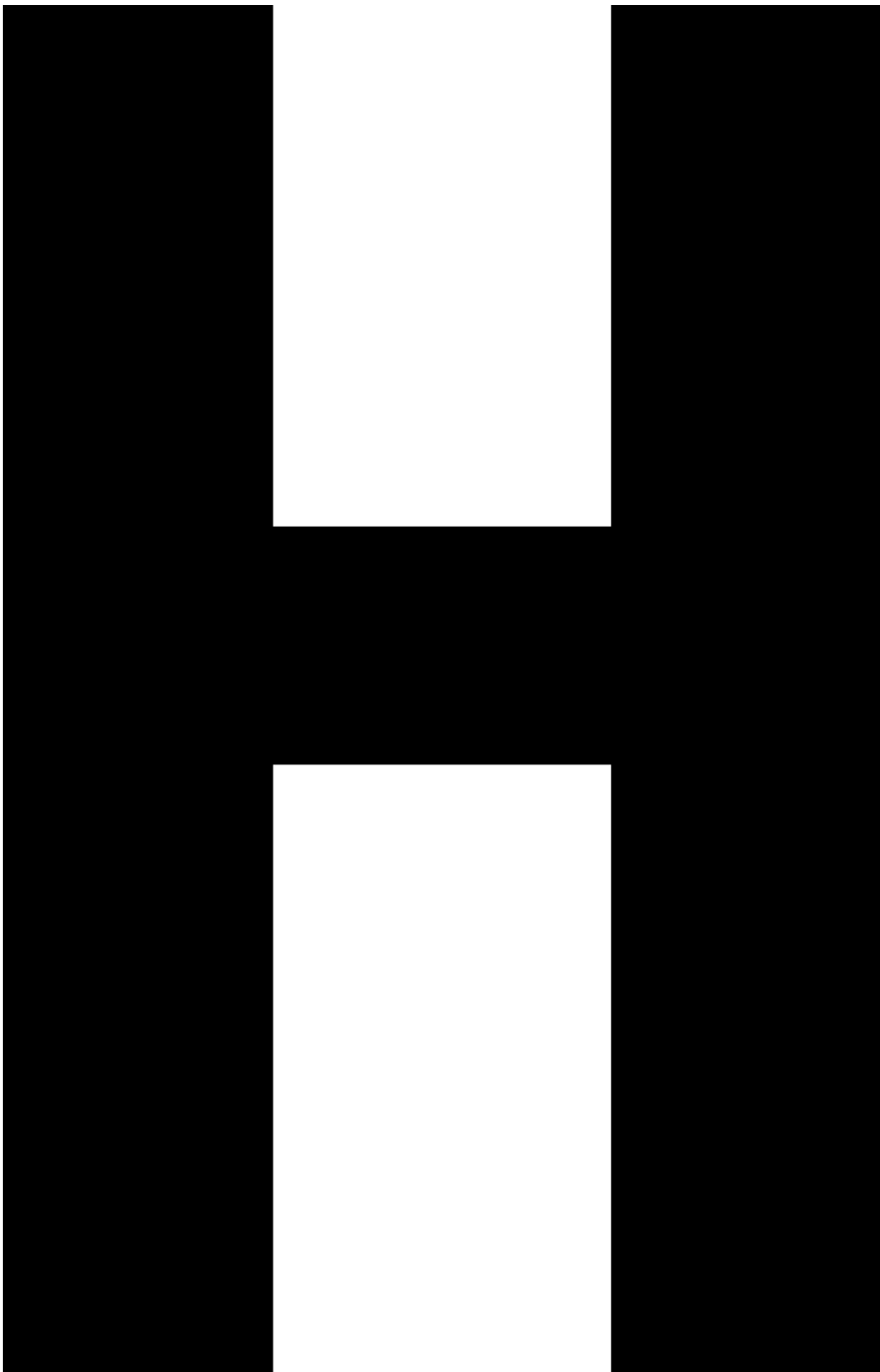
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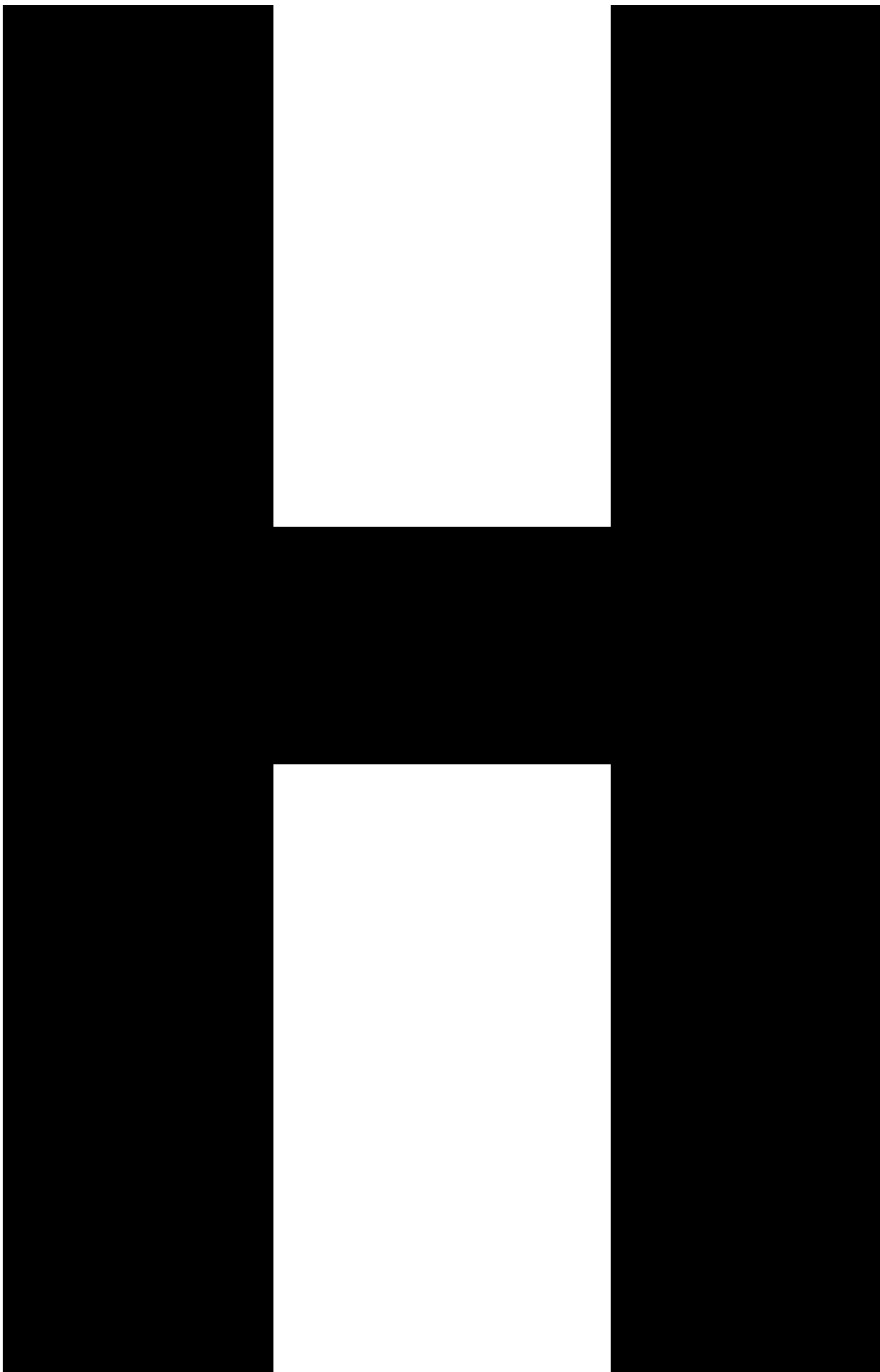


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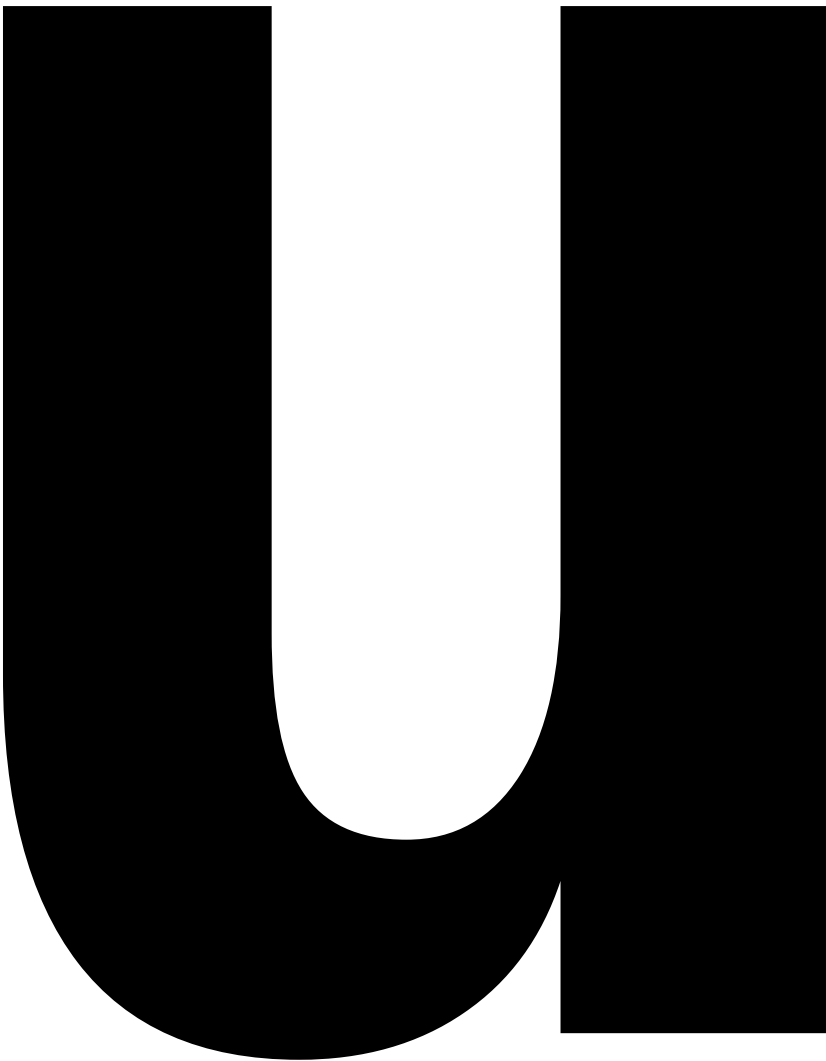


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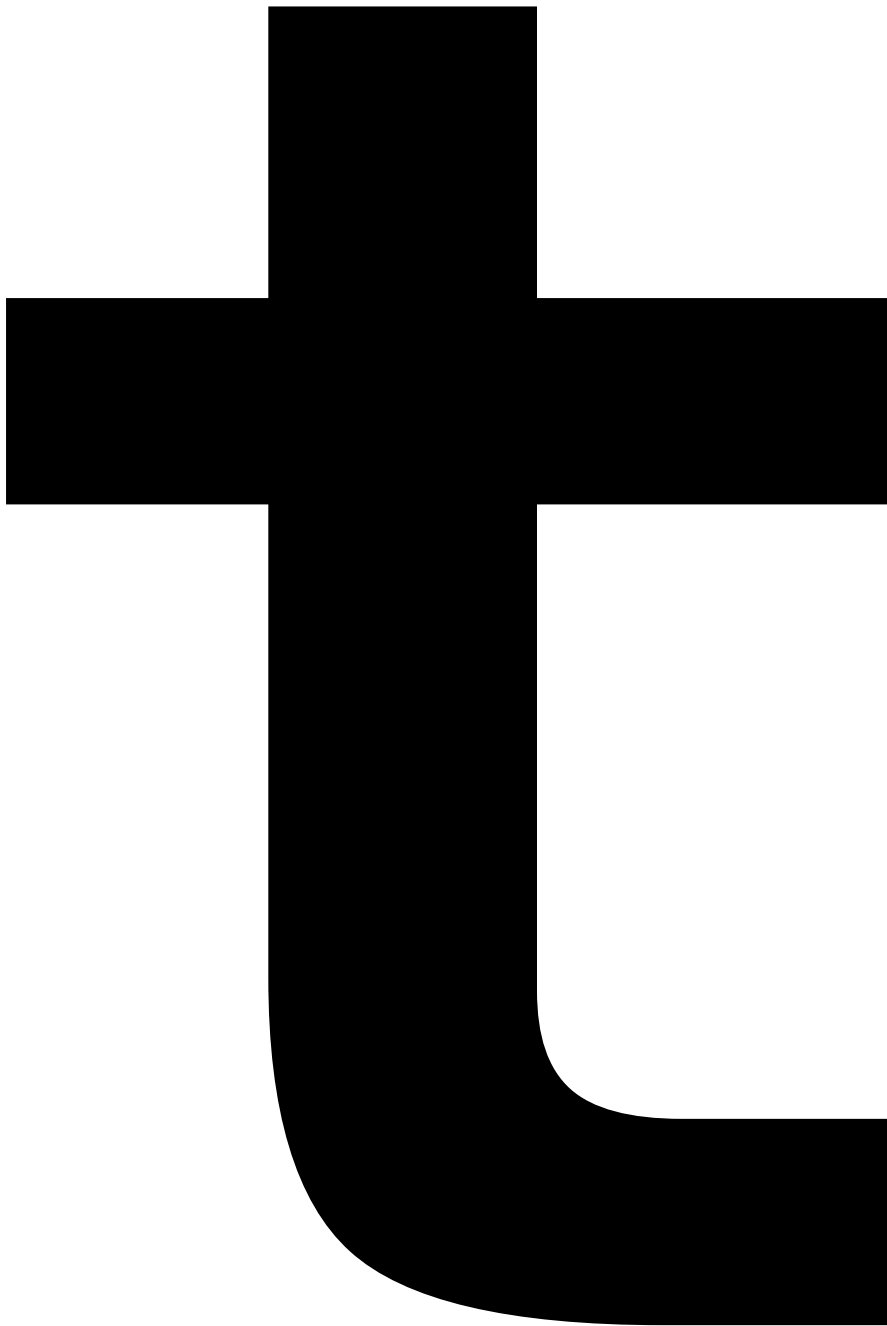


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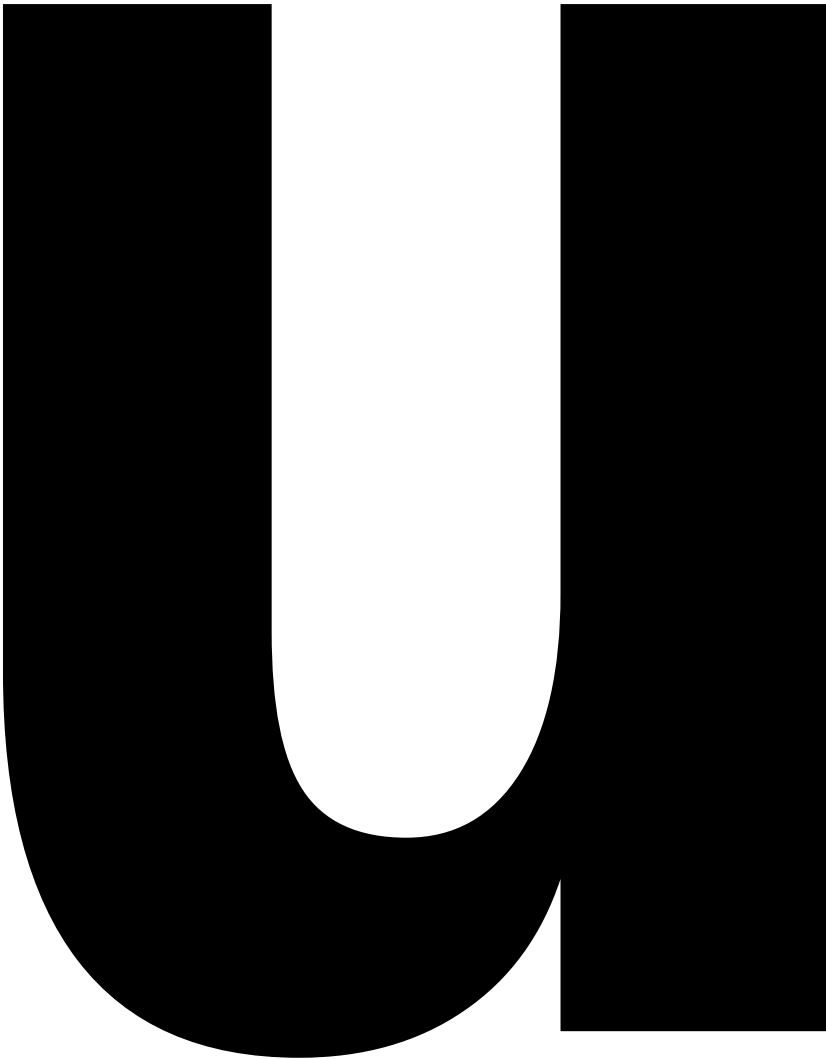
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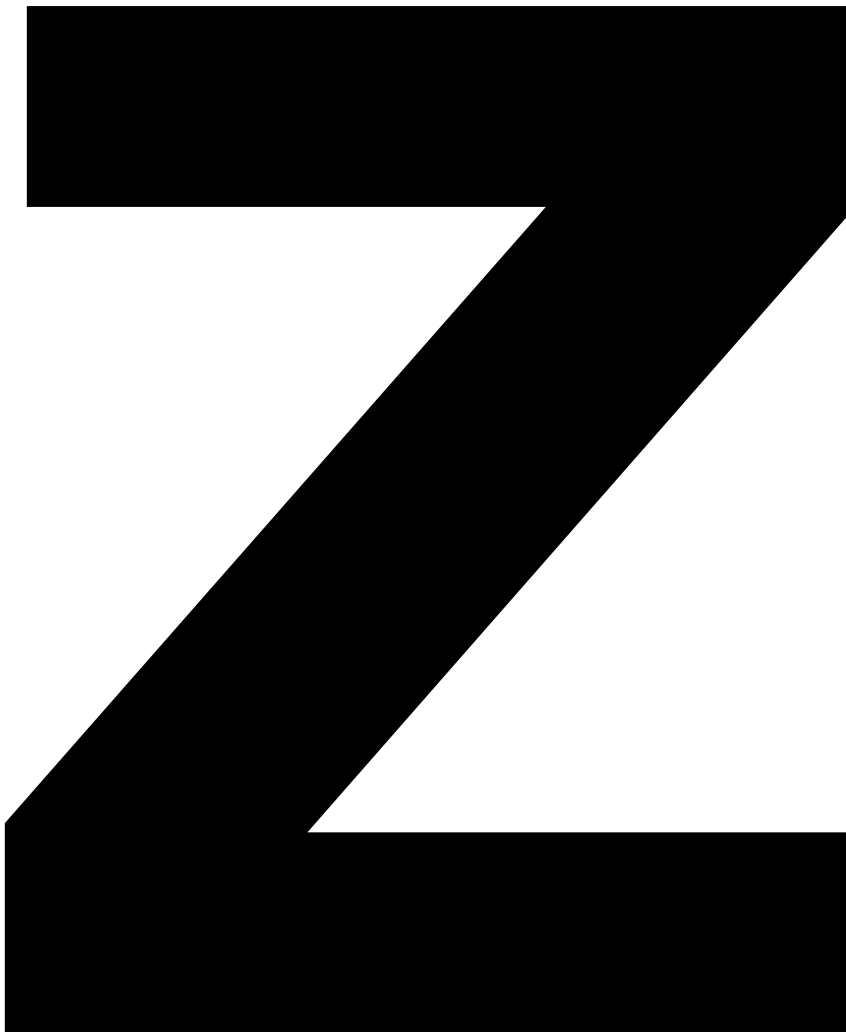
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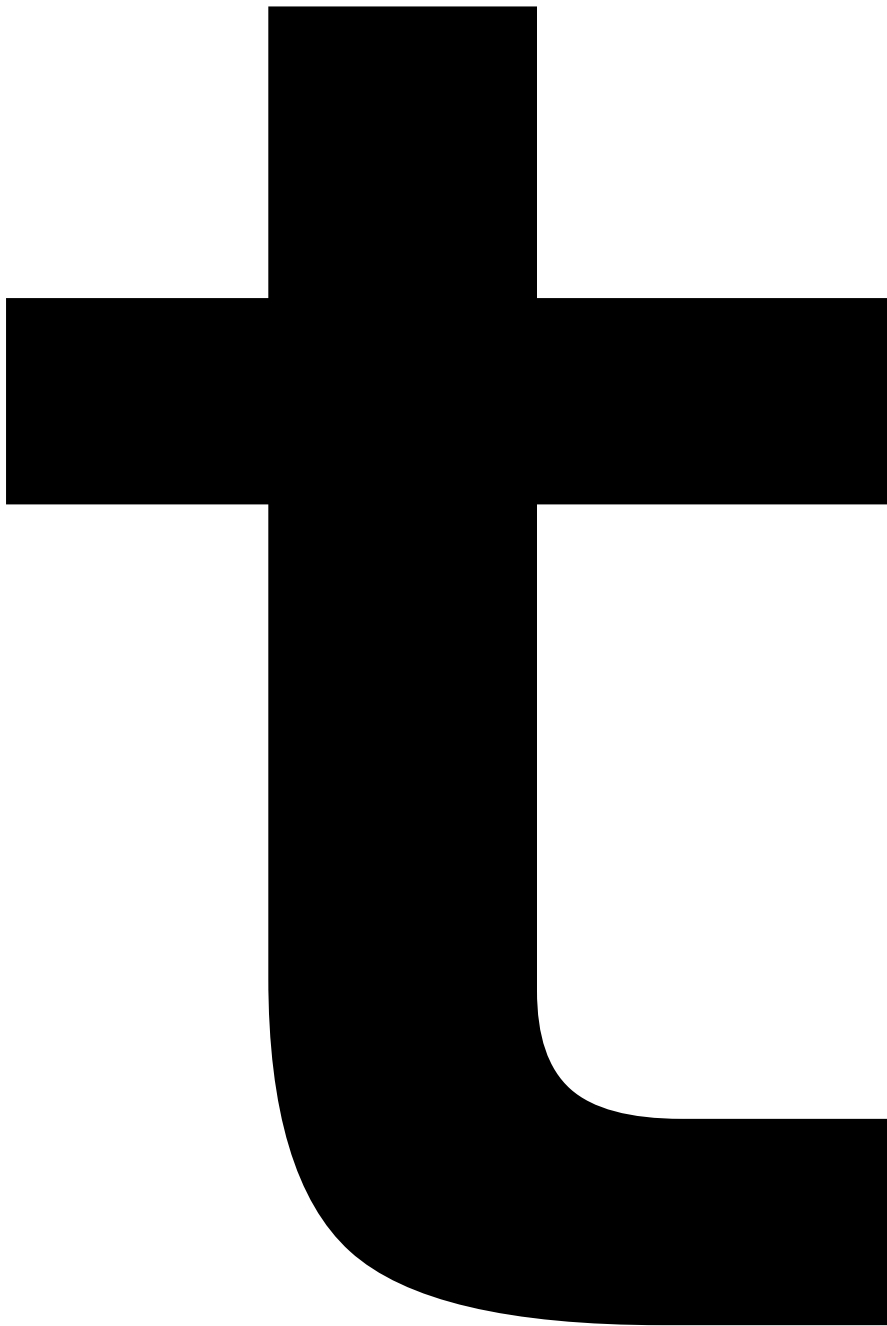
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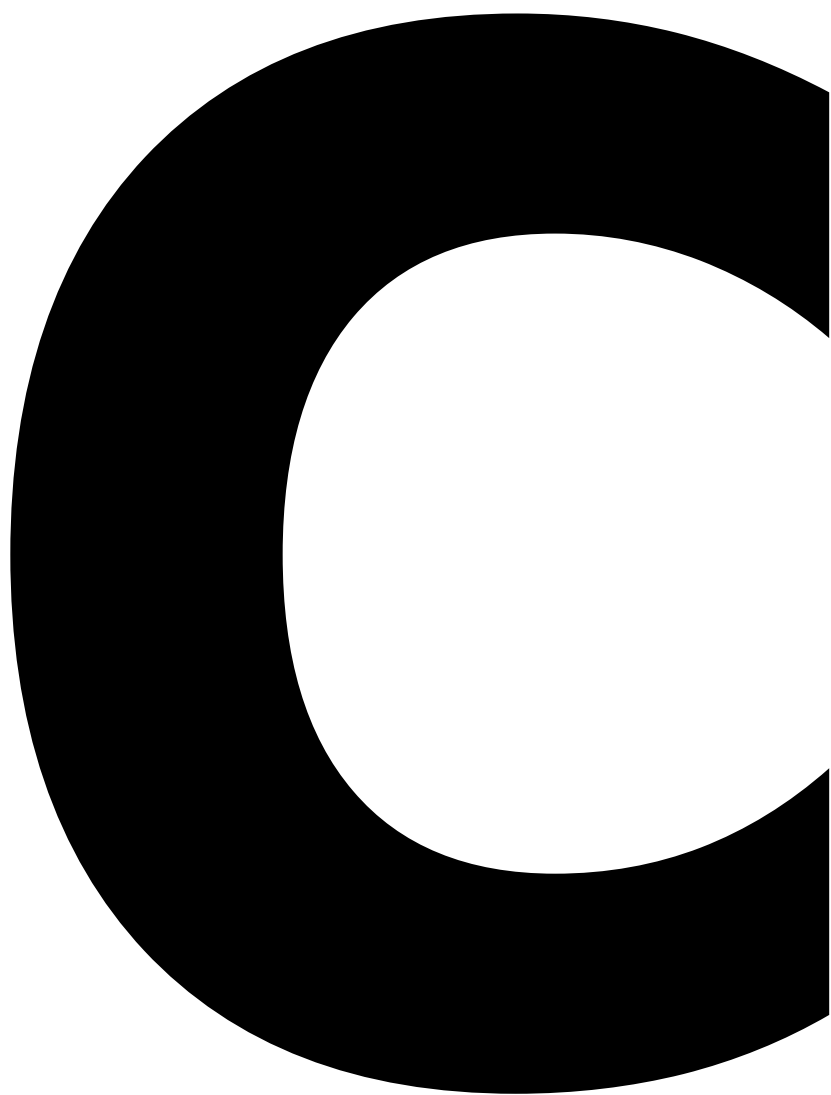
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