

# 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](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**

**mitten im**

**Mai. Noch**

**wärmer**

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

**e in**

**Berlin-**

**Potsdam.**

**Bei 20,8C**

**erfreute**

**man sich**

**unmittelb**

**ar nach**

**dem**

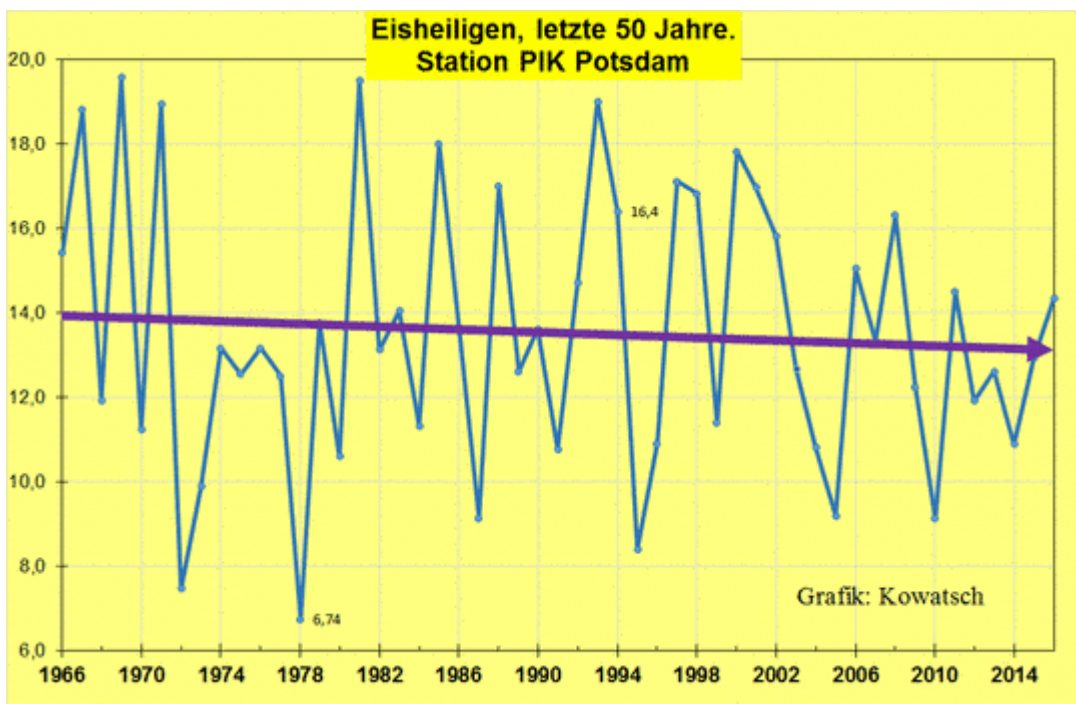
**Waffensti**

**llstand**

**an**

**hochsomme  
rlichen  
Badetempe  
raturen  
in  
Berlin -**

# Potsdam.



**Abb. 1.**

***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**

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**vornehmen**

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

**Aussagen**

**auch**

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**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**

)

**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**

**ngsabschn**

**itt**

**nehmen**

**wir die**

**Daten der**

**Klimasat**

**ion**

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

**kleinste**

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**Betrachtu**

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**erfüllt.**



**Auch**

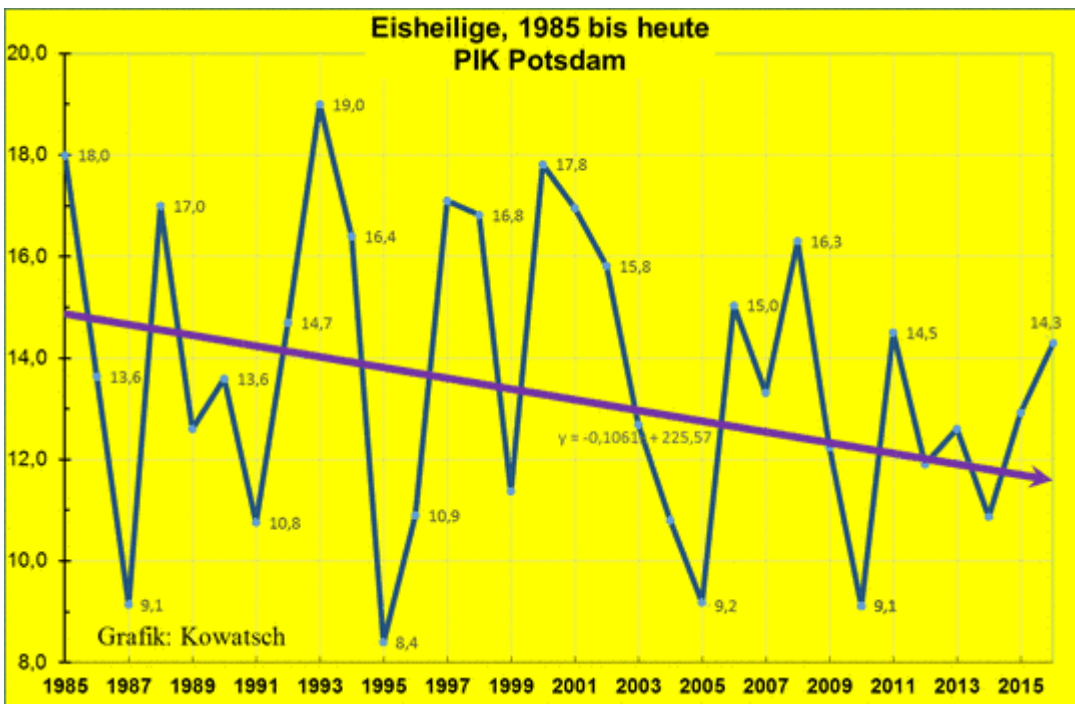
**diese**

**Eisheitlig**

**enggrafik**

**ist**

**eindeutig**



**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,  
ist  
natürlich  
noch**



**gravieren**

**der, die**

**Trendlini**

**e noch**

**fallender**

**. Dort**

**werden**

**auch**

**dieses**

**Jahr**

**wieder**

**blühende**

# Obstbäume erfrieren



**Ergebn**

**is 2:**

**In den  
letzte**

**n 30**

**Jahren**

**wurden**

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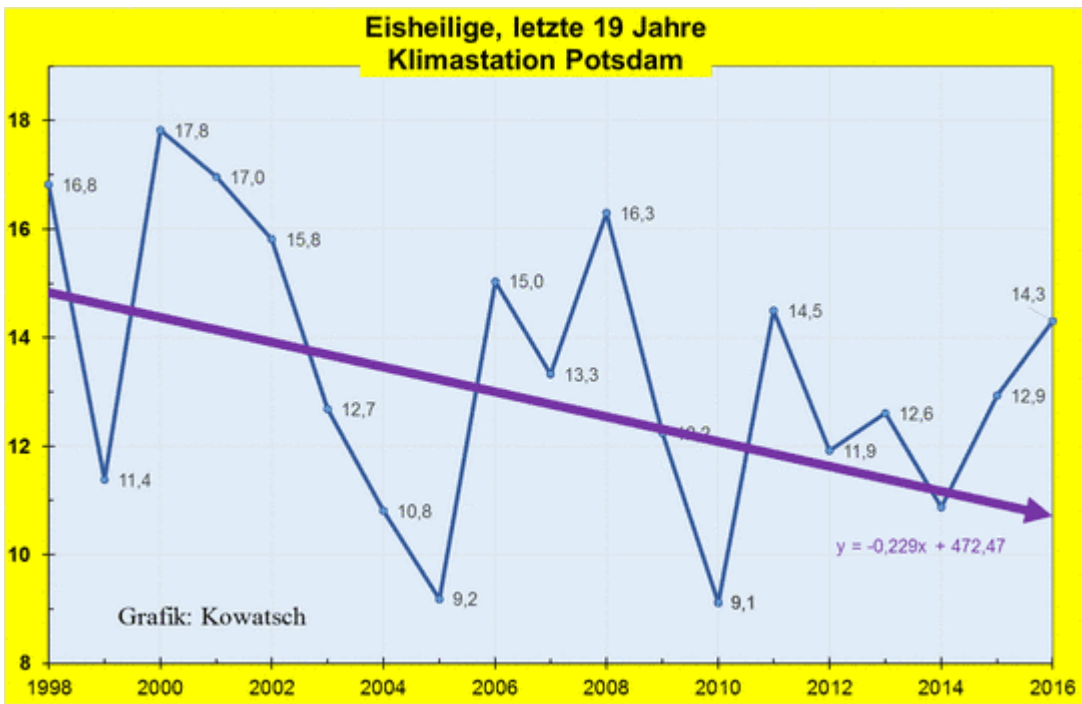
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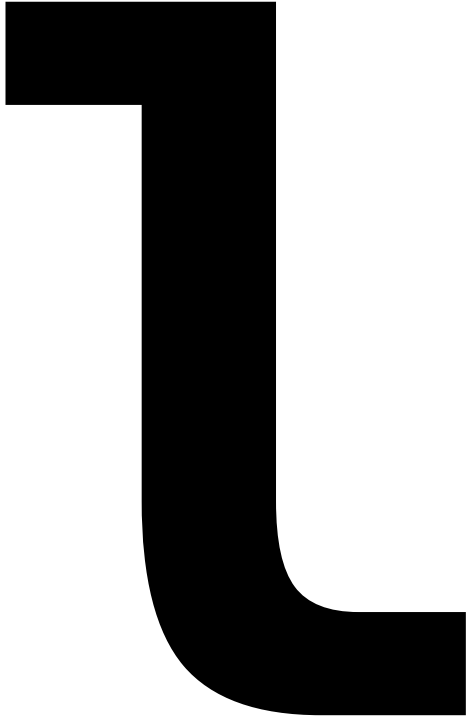
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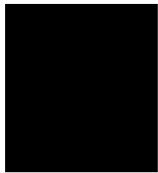
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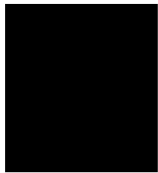
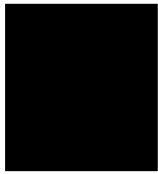
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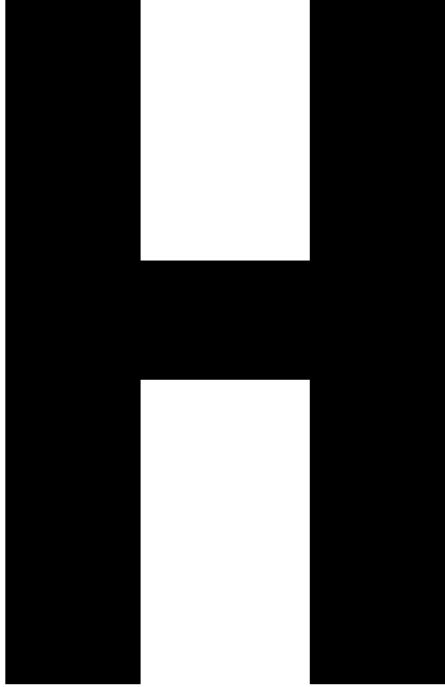
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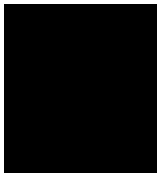
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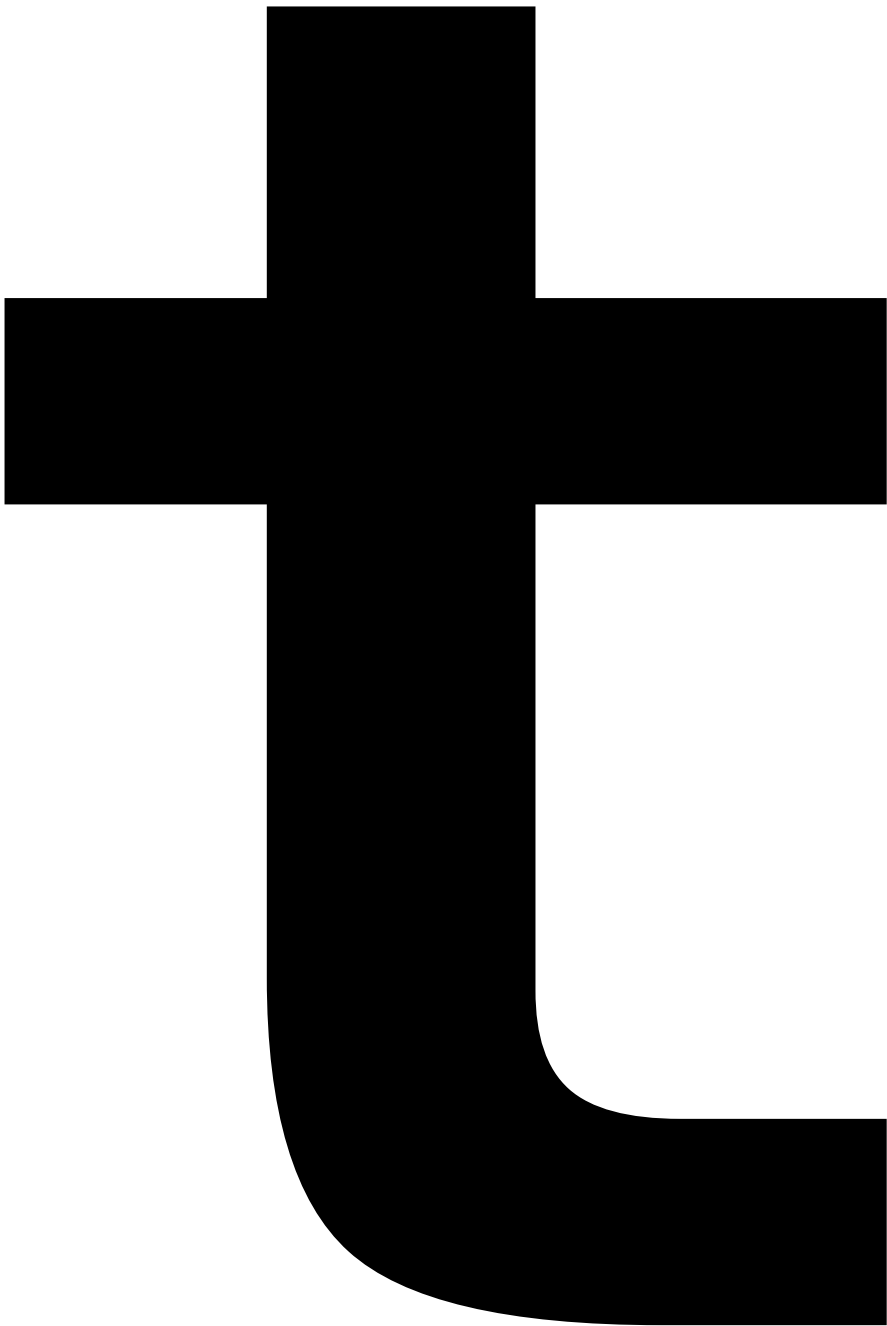


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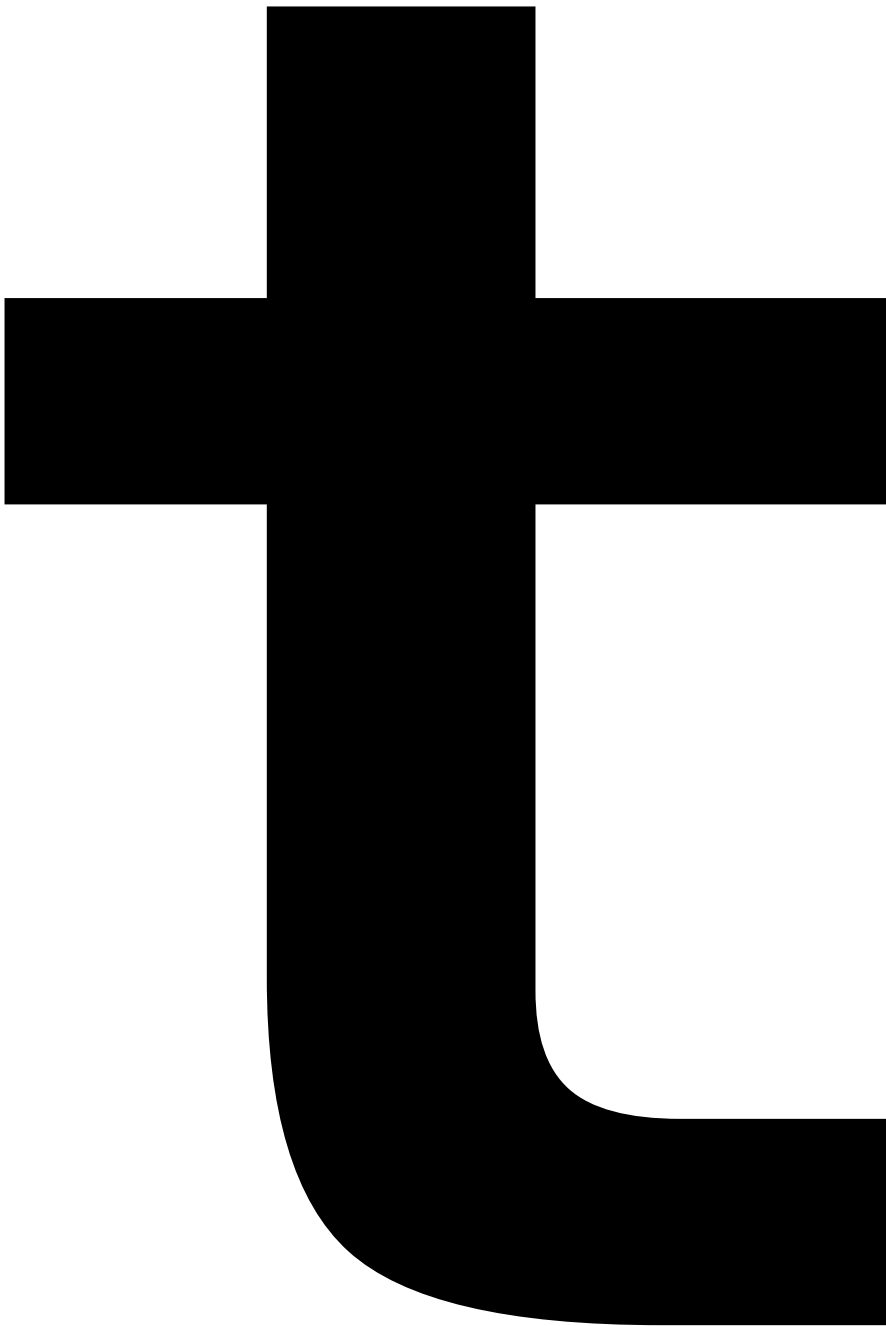




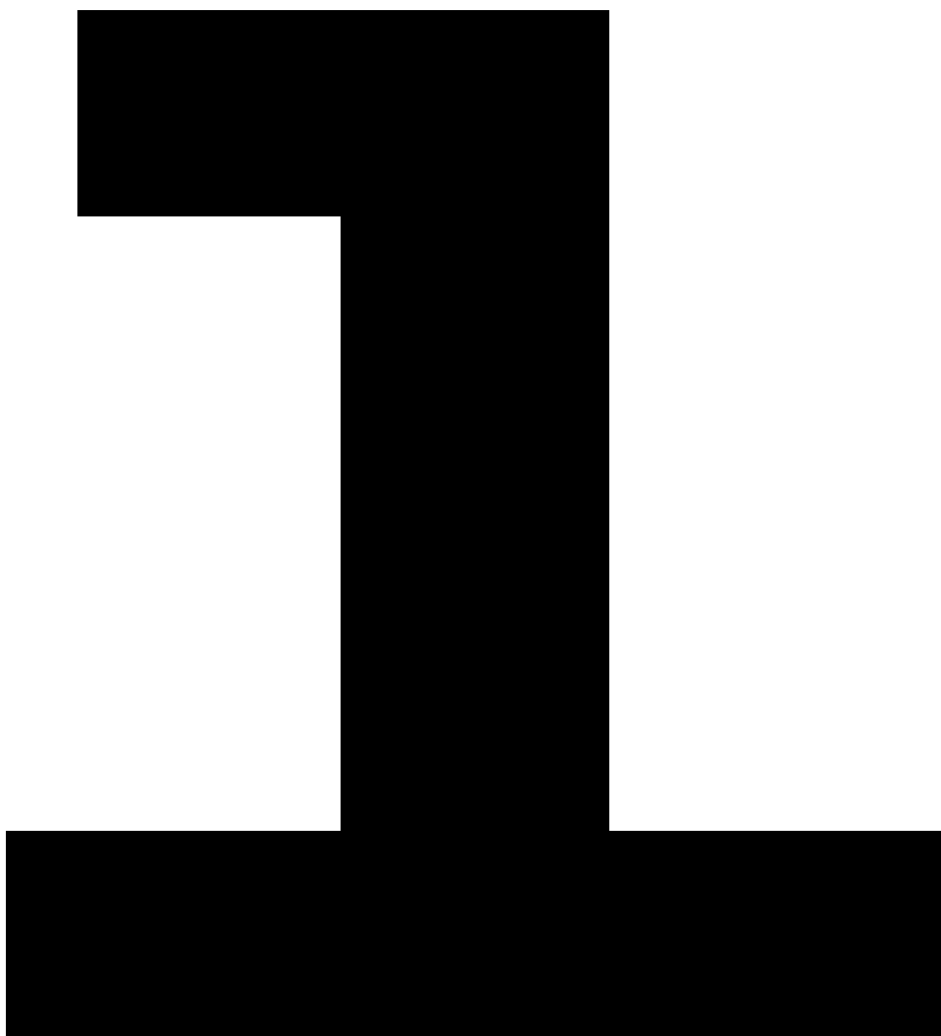
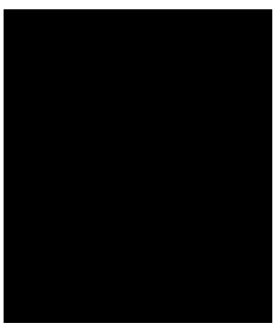
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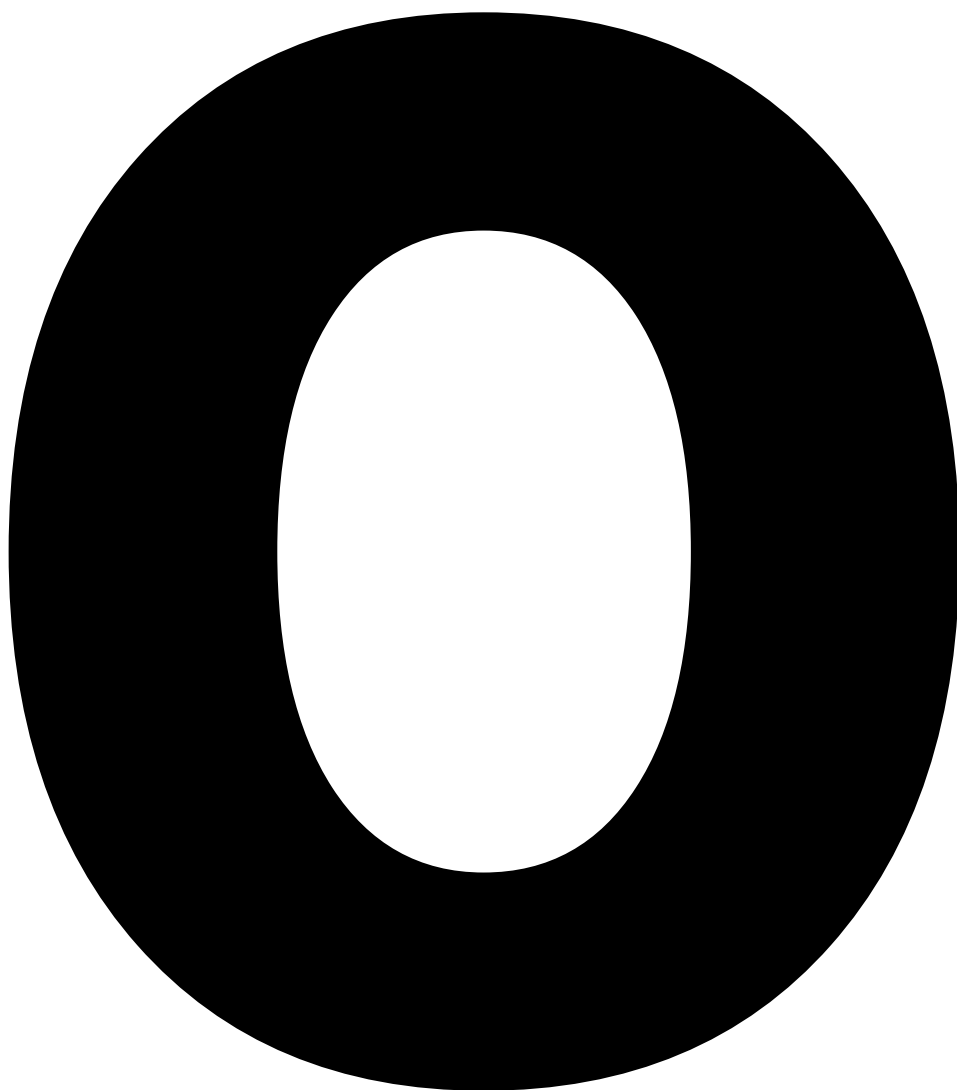














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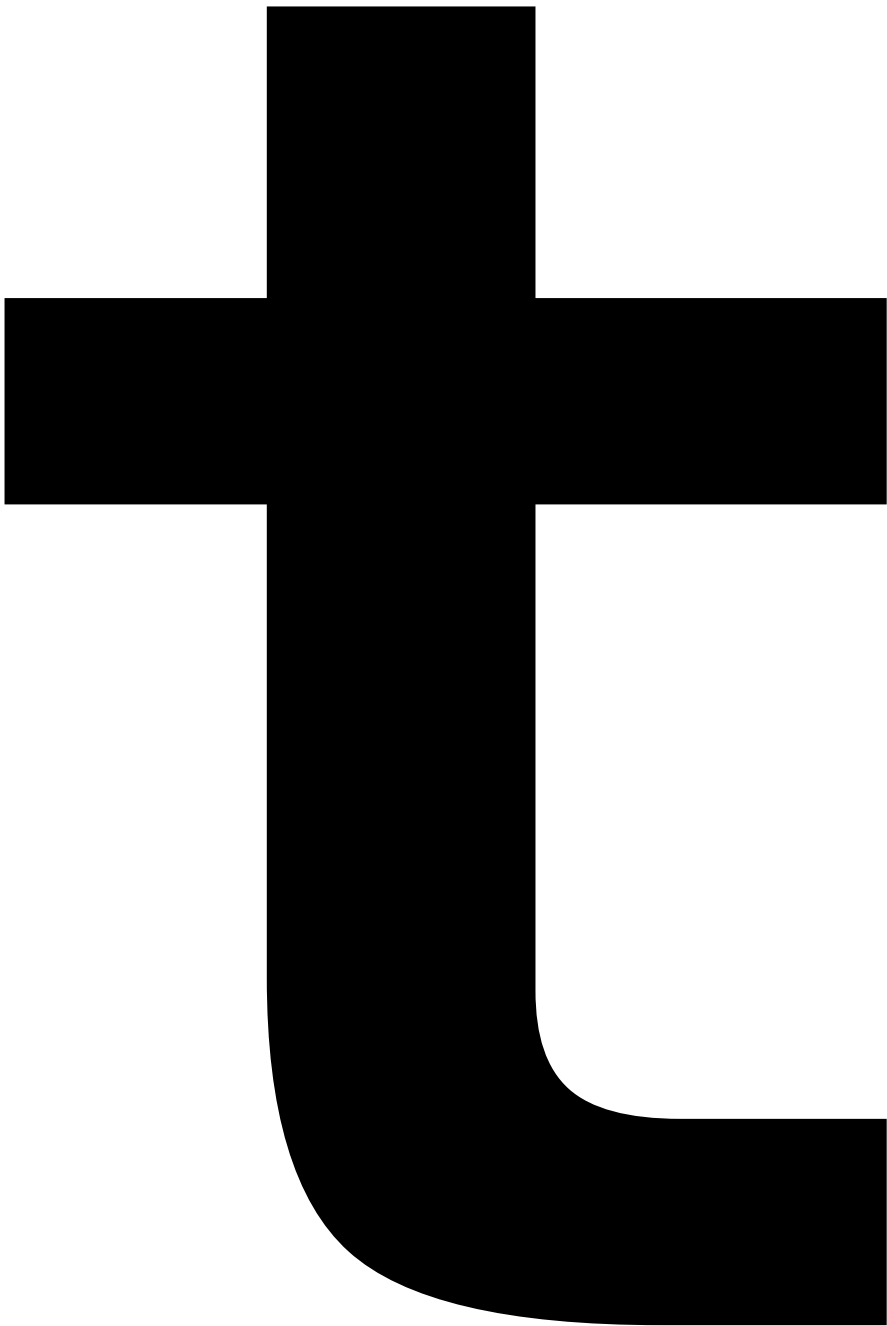
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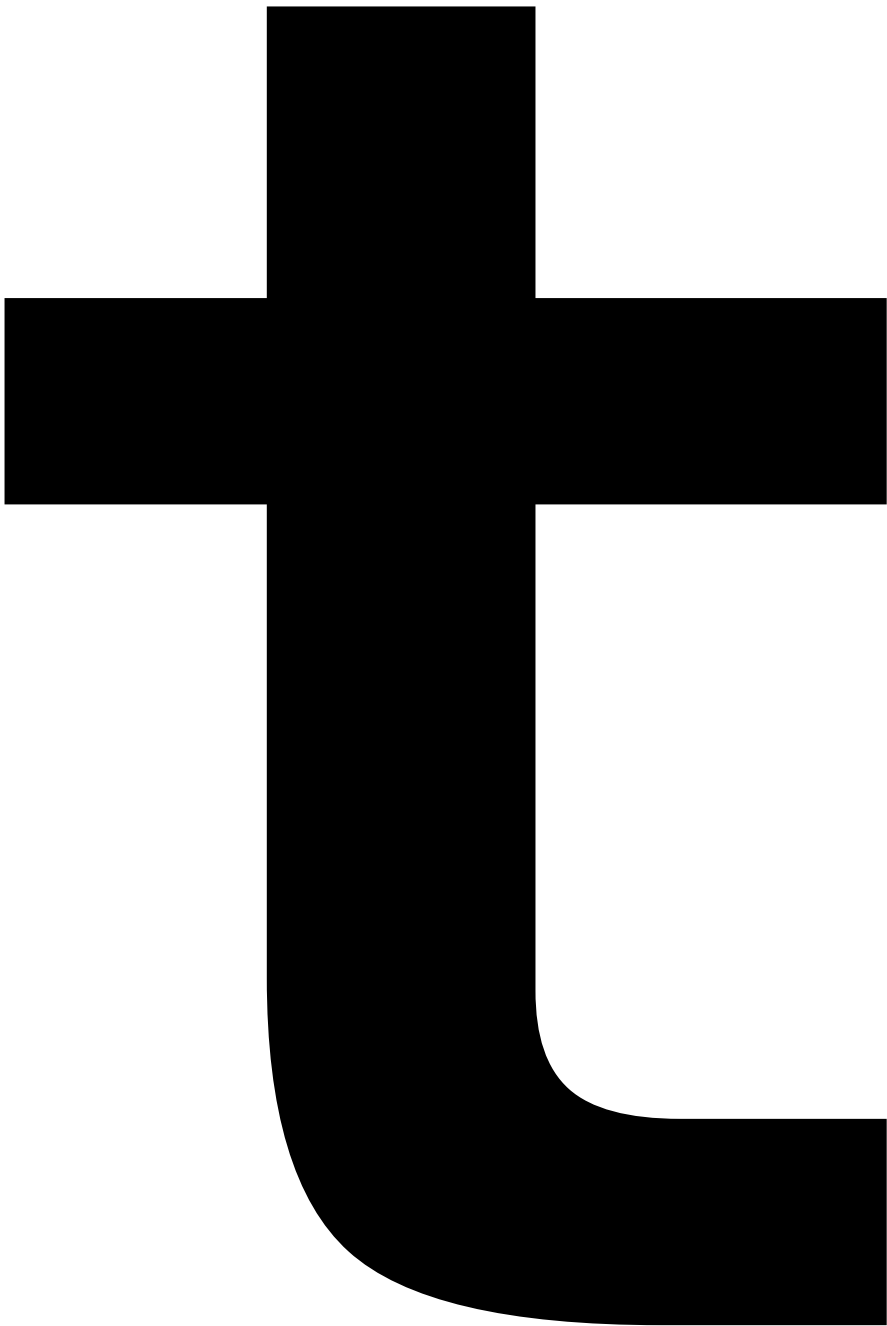
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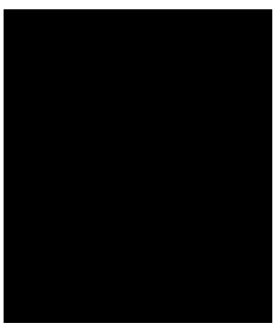
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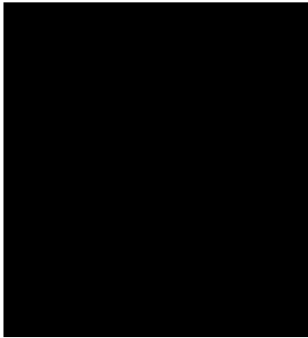


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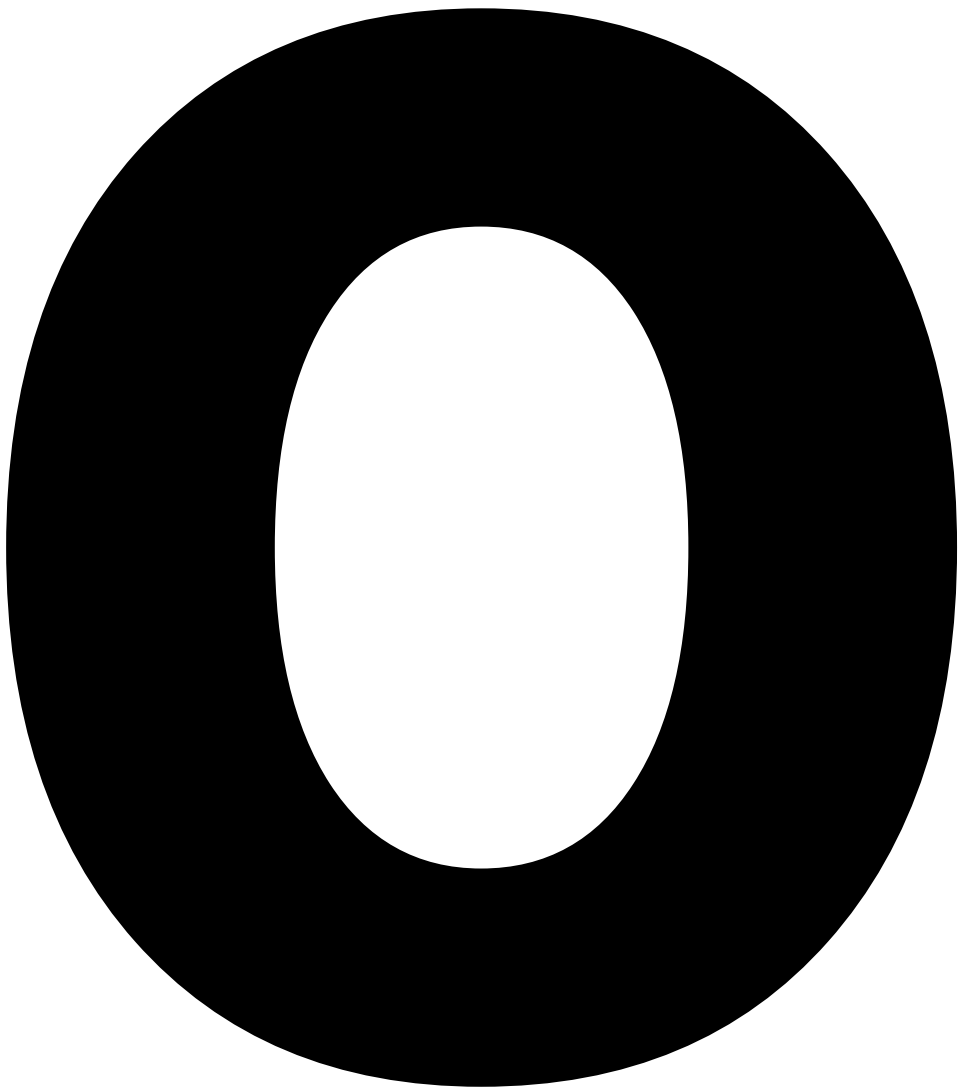
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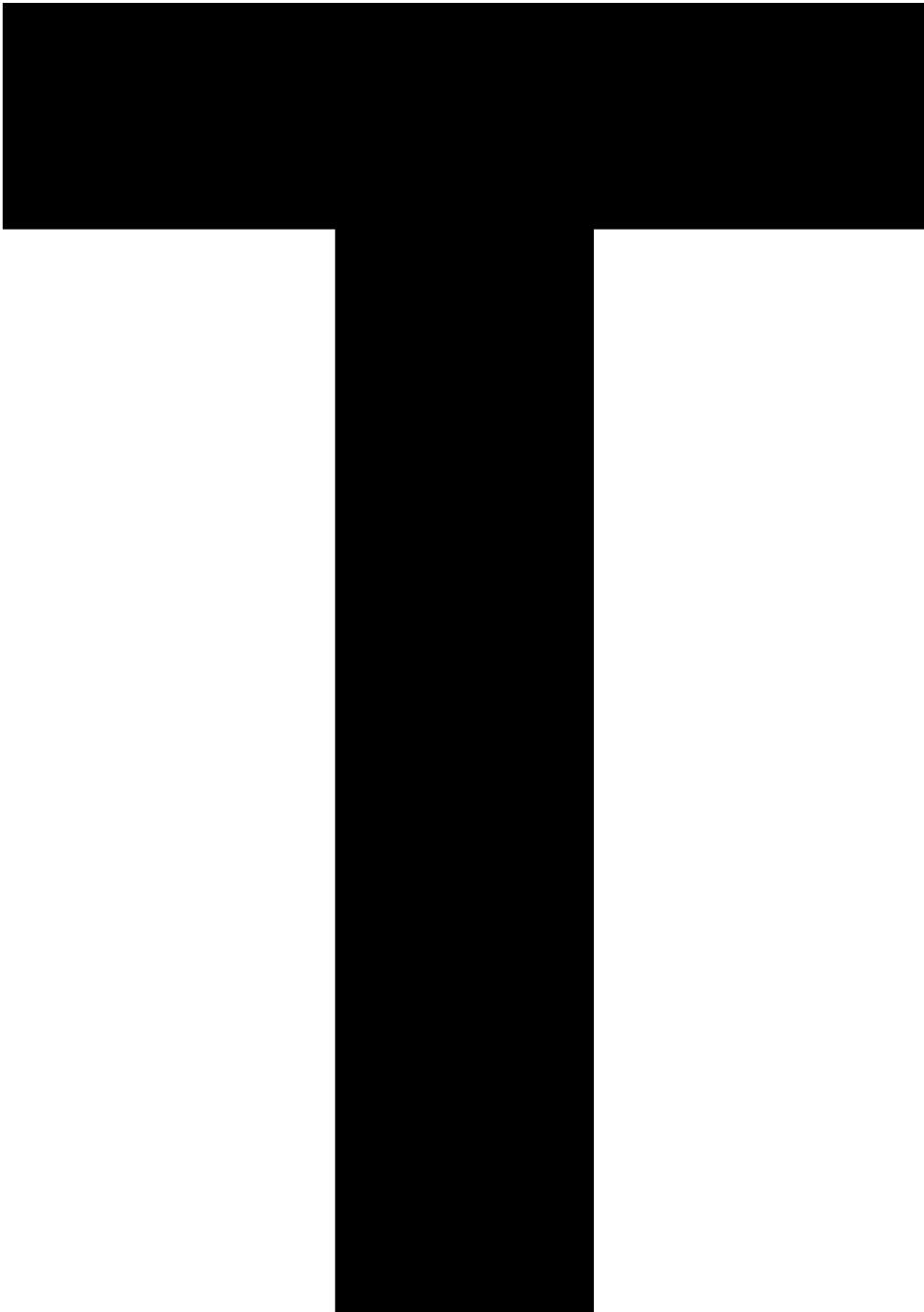
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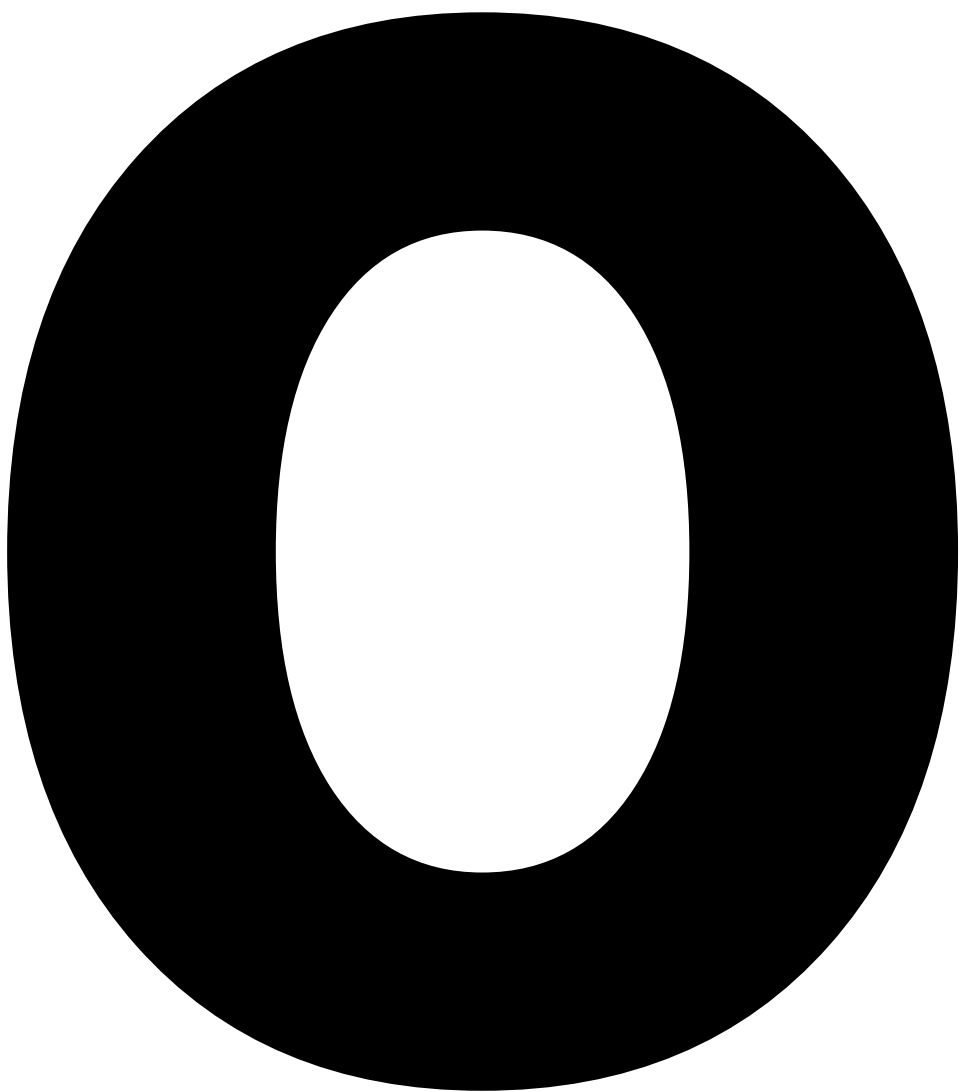






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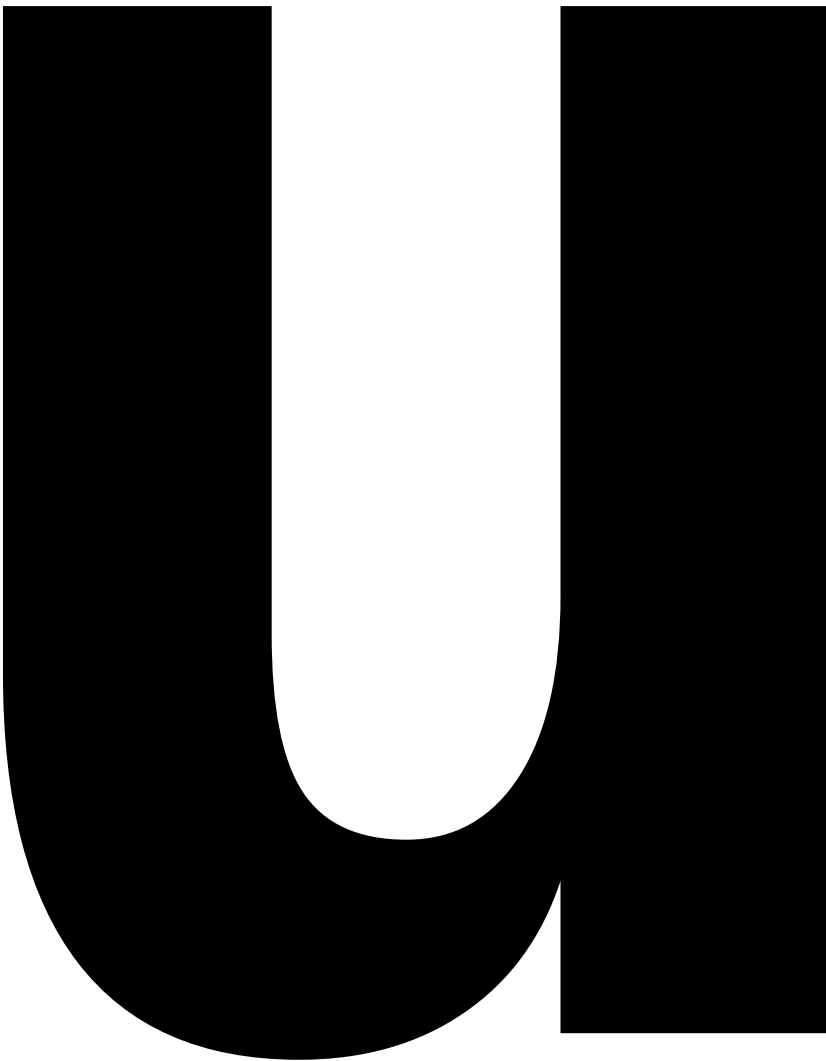






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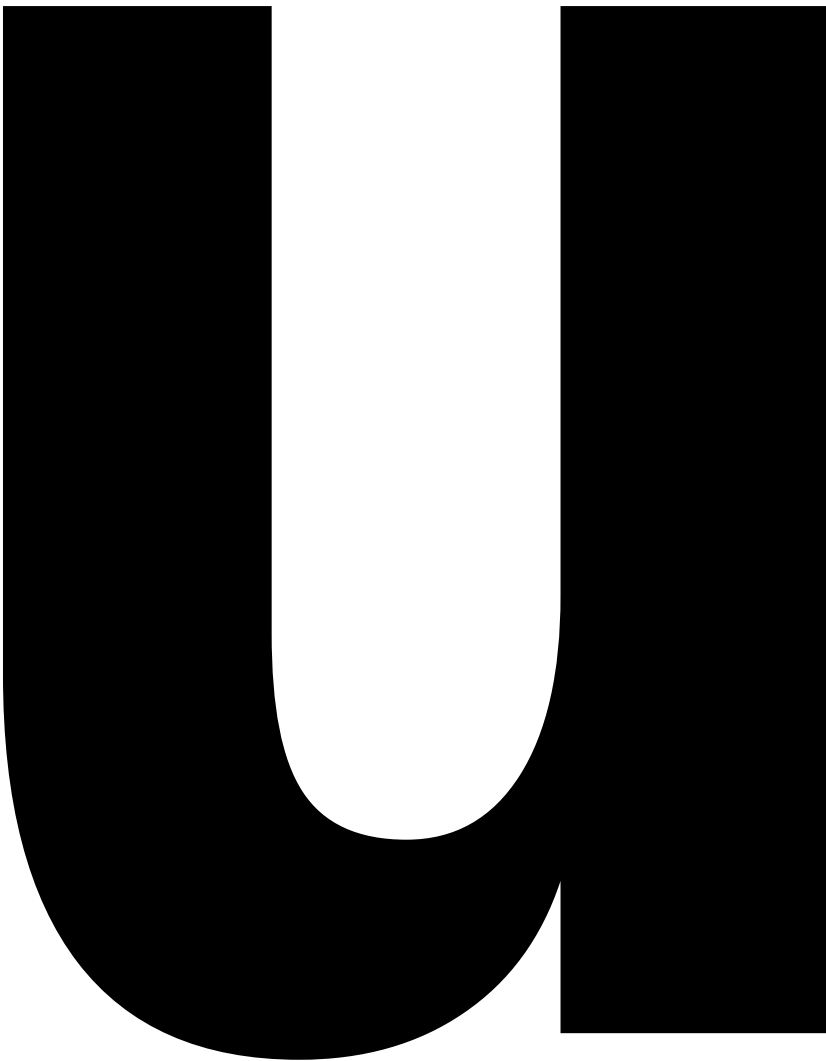
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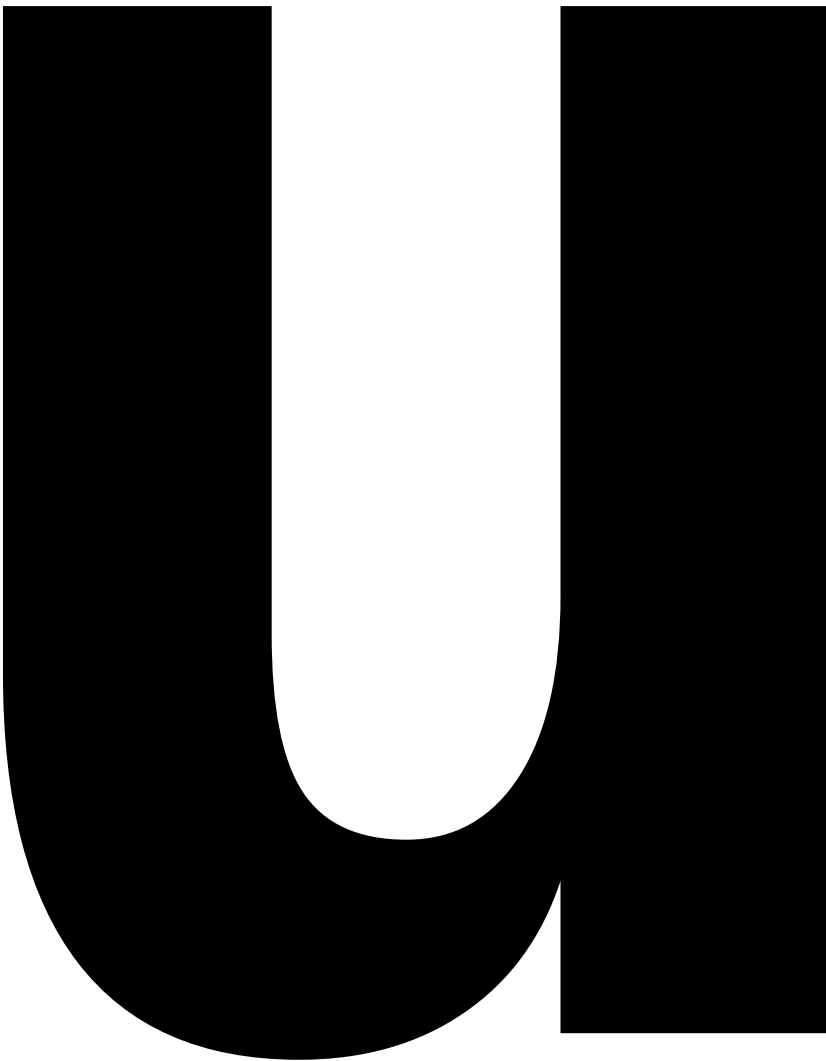


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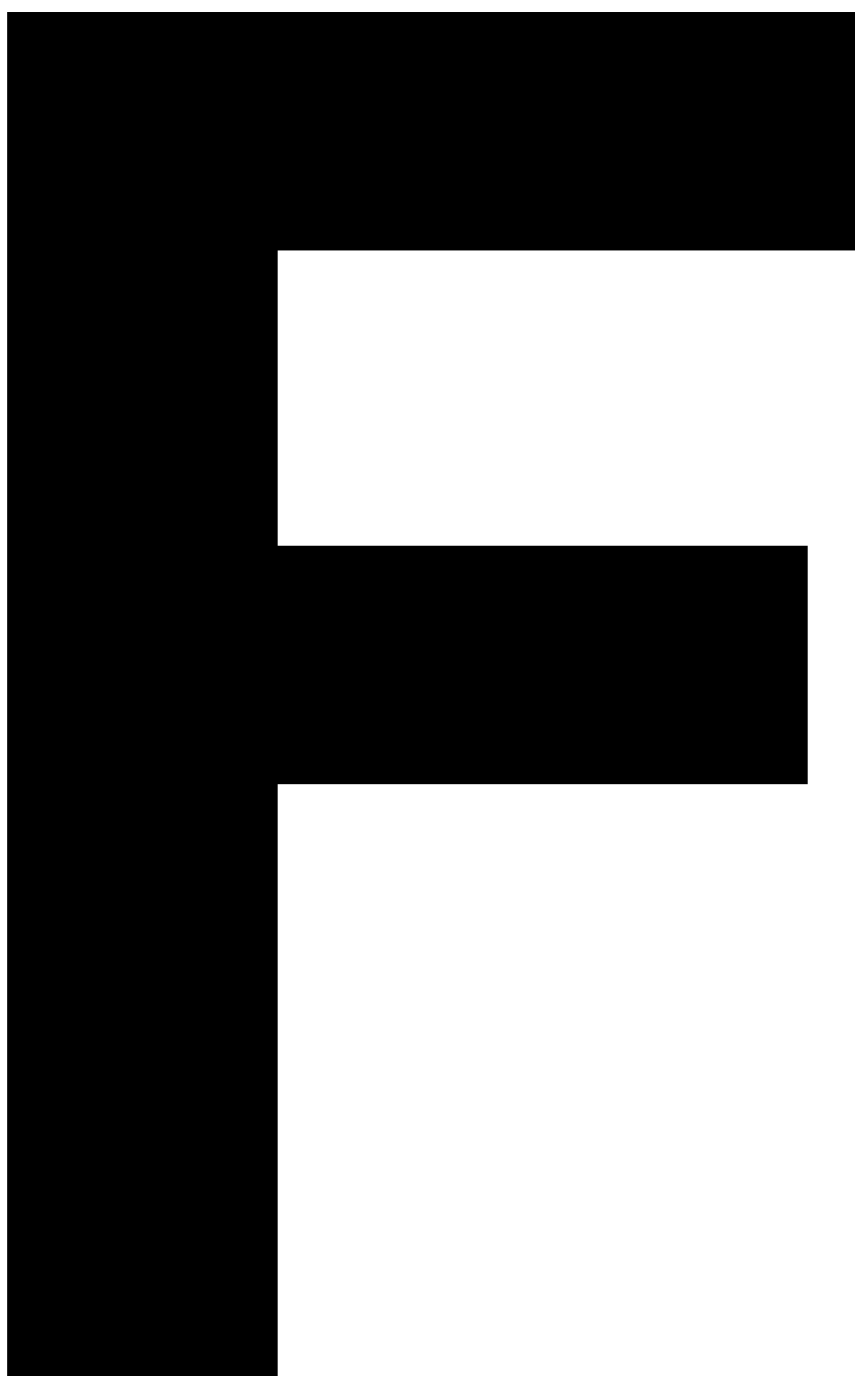
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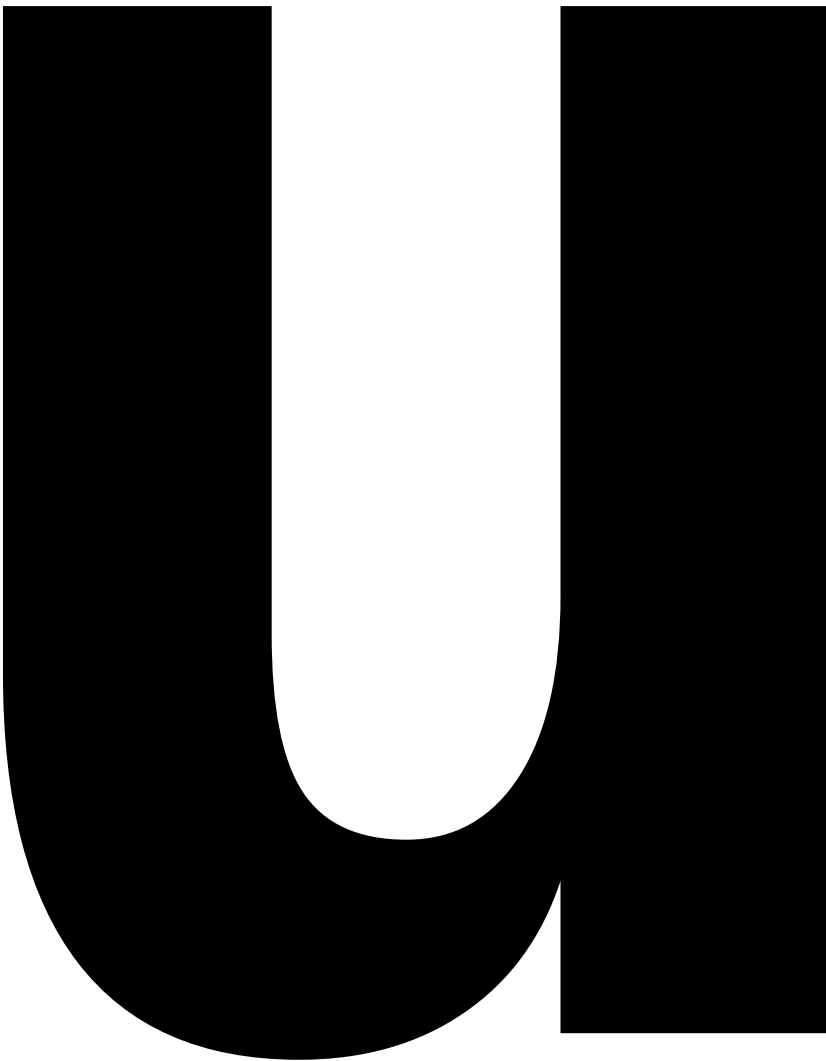


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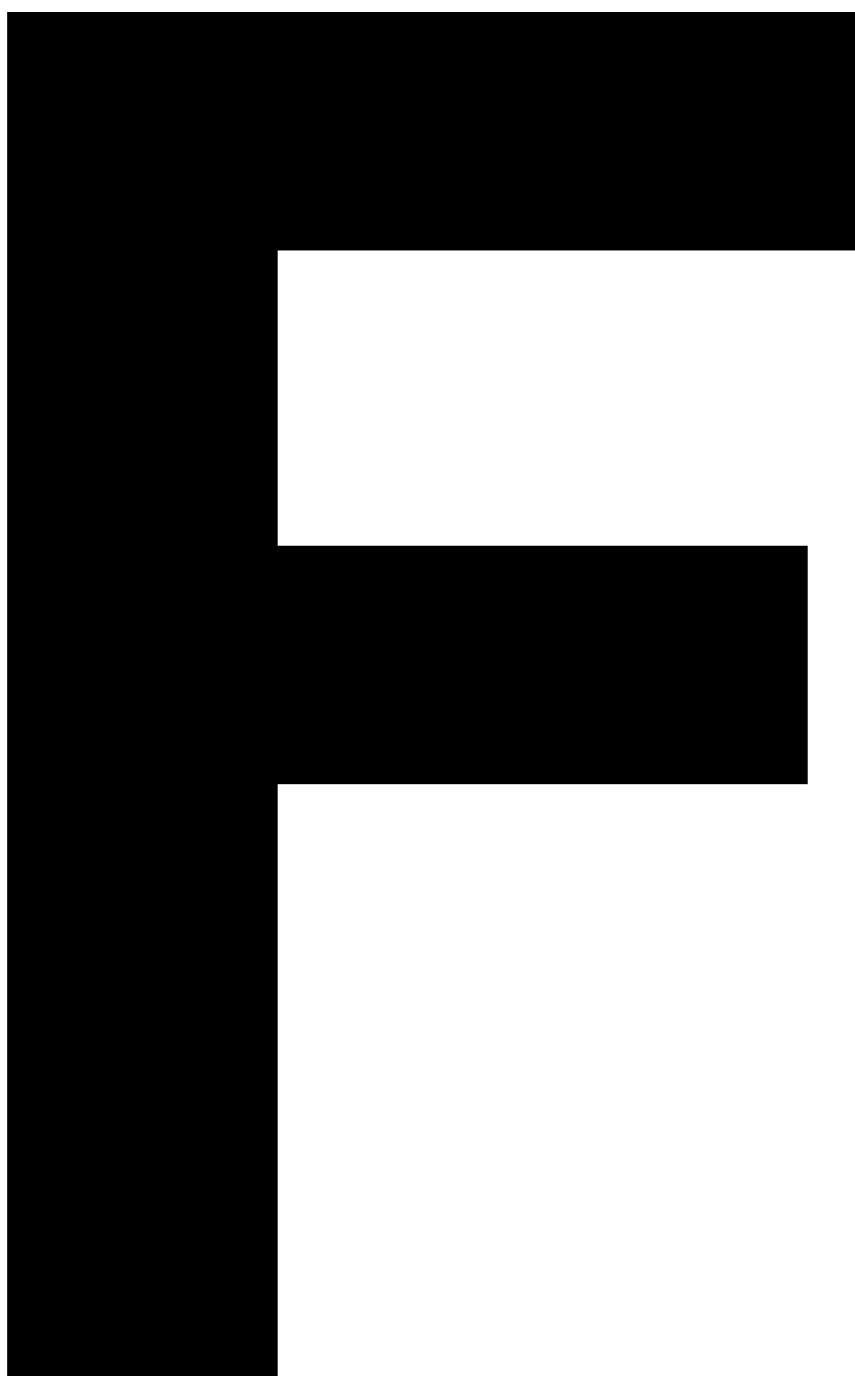
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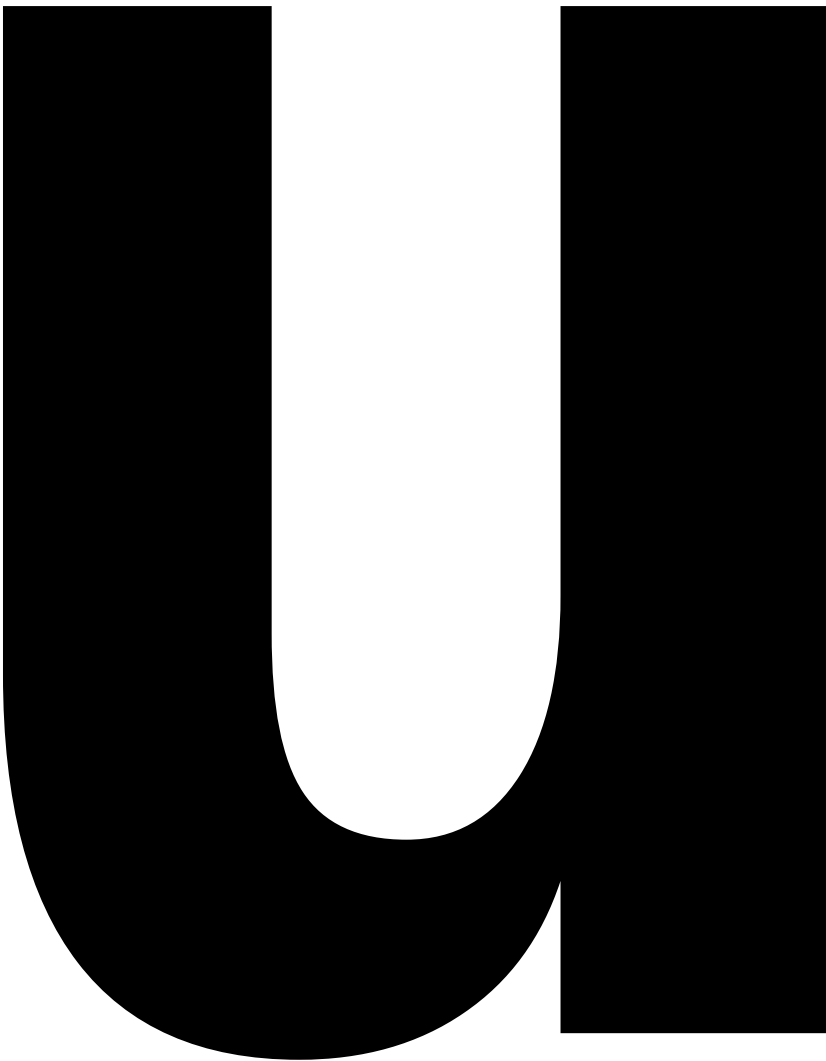
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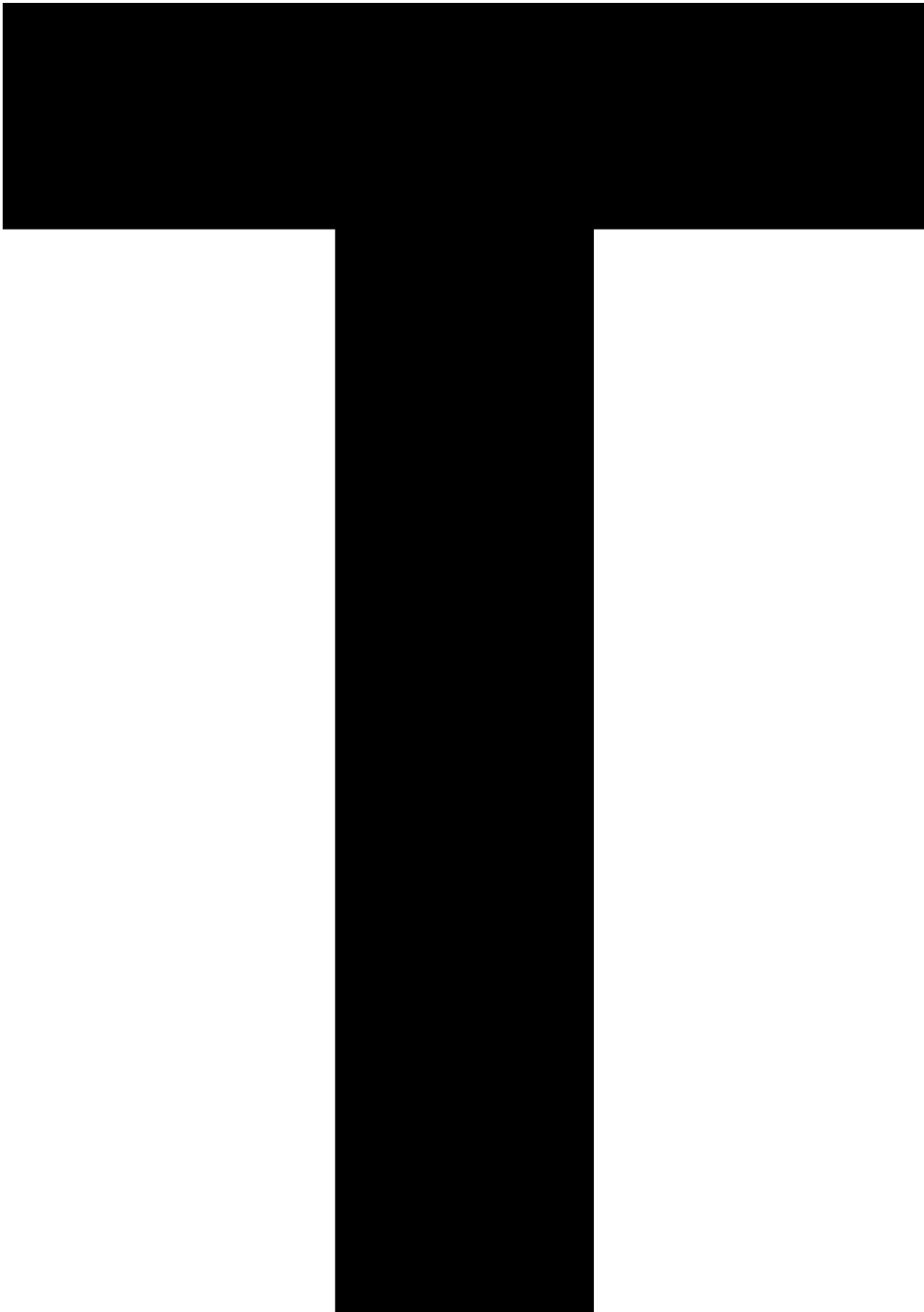


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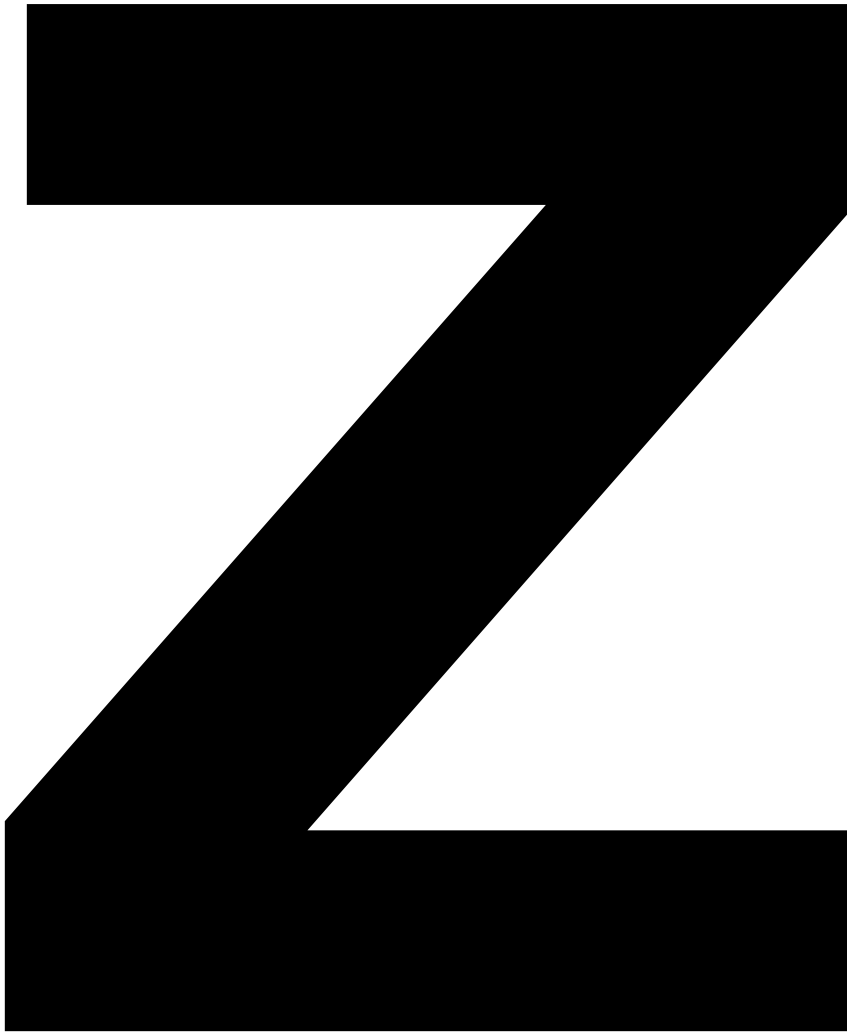


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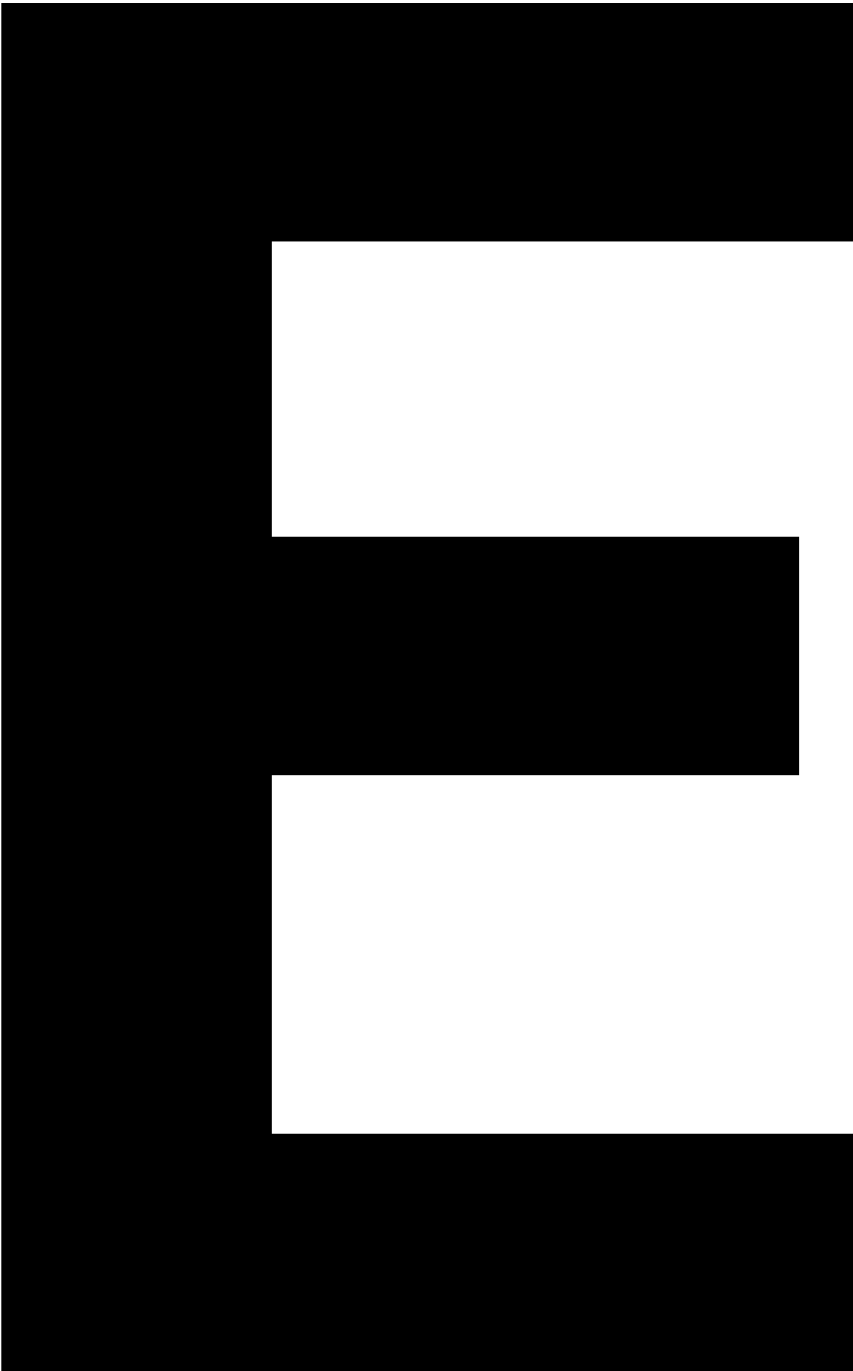


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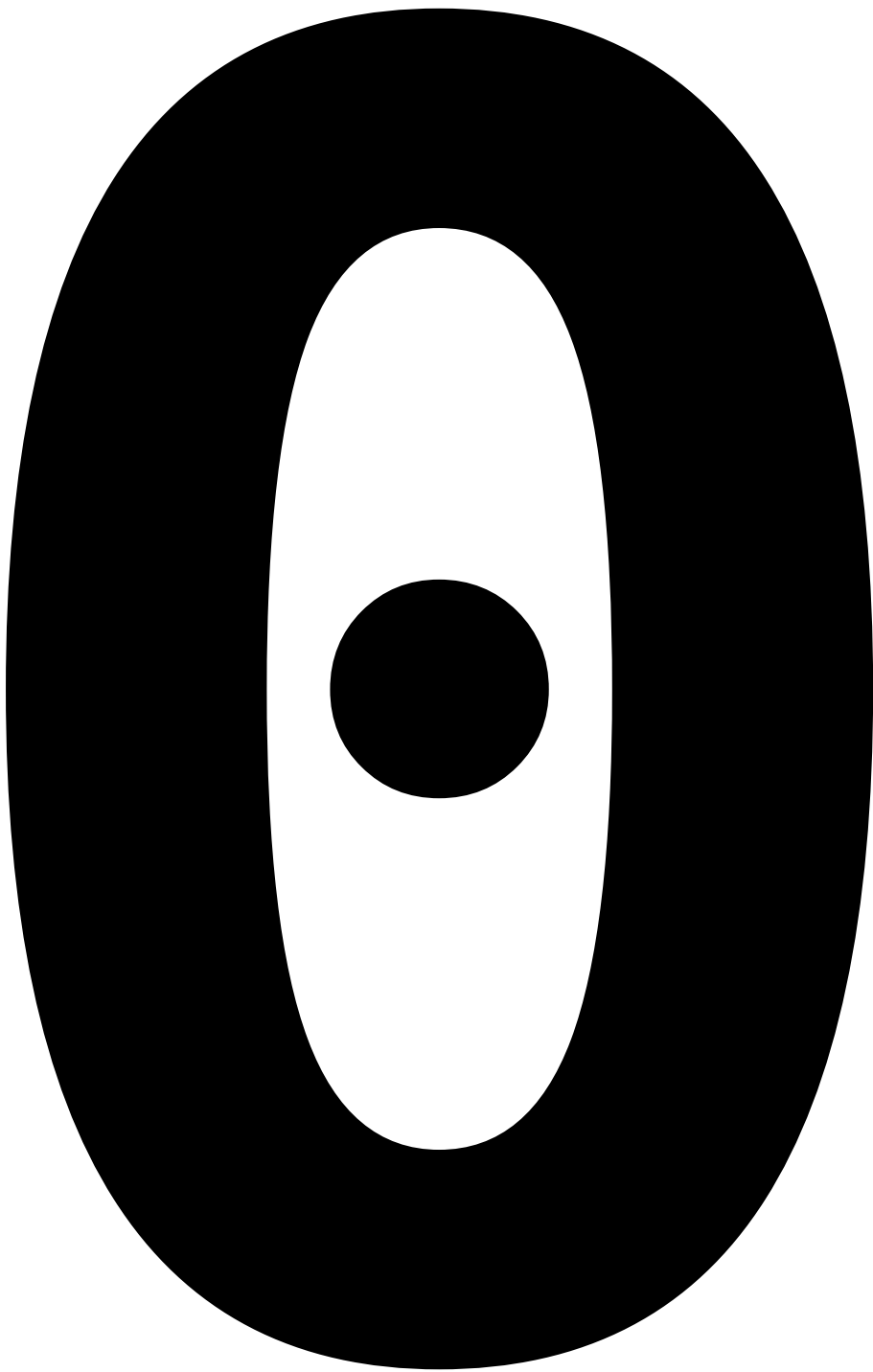
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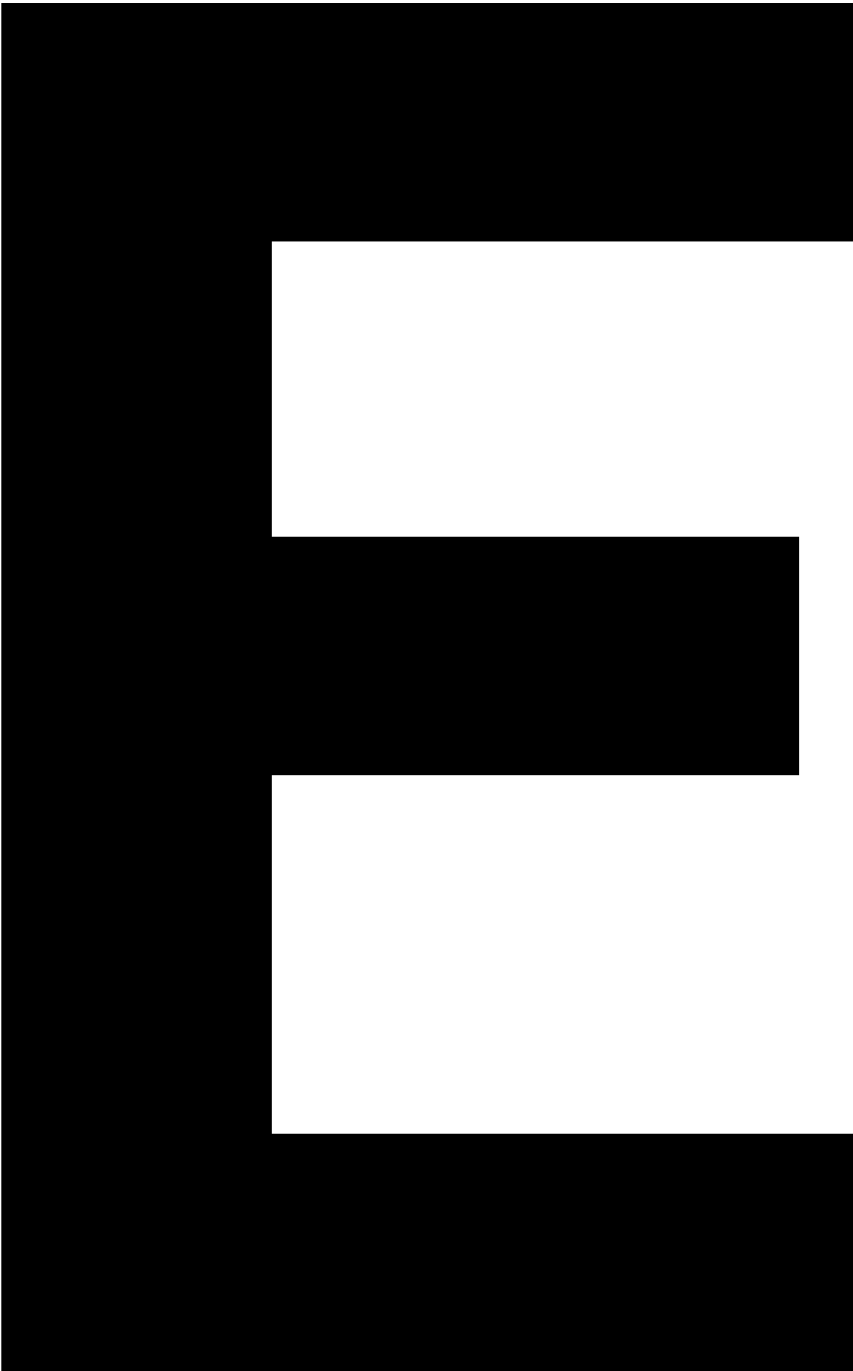


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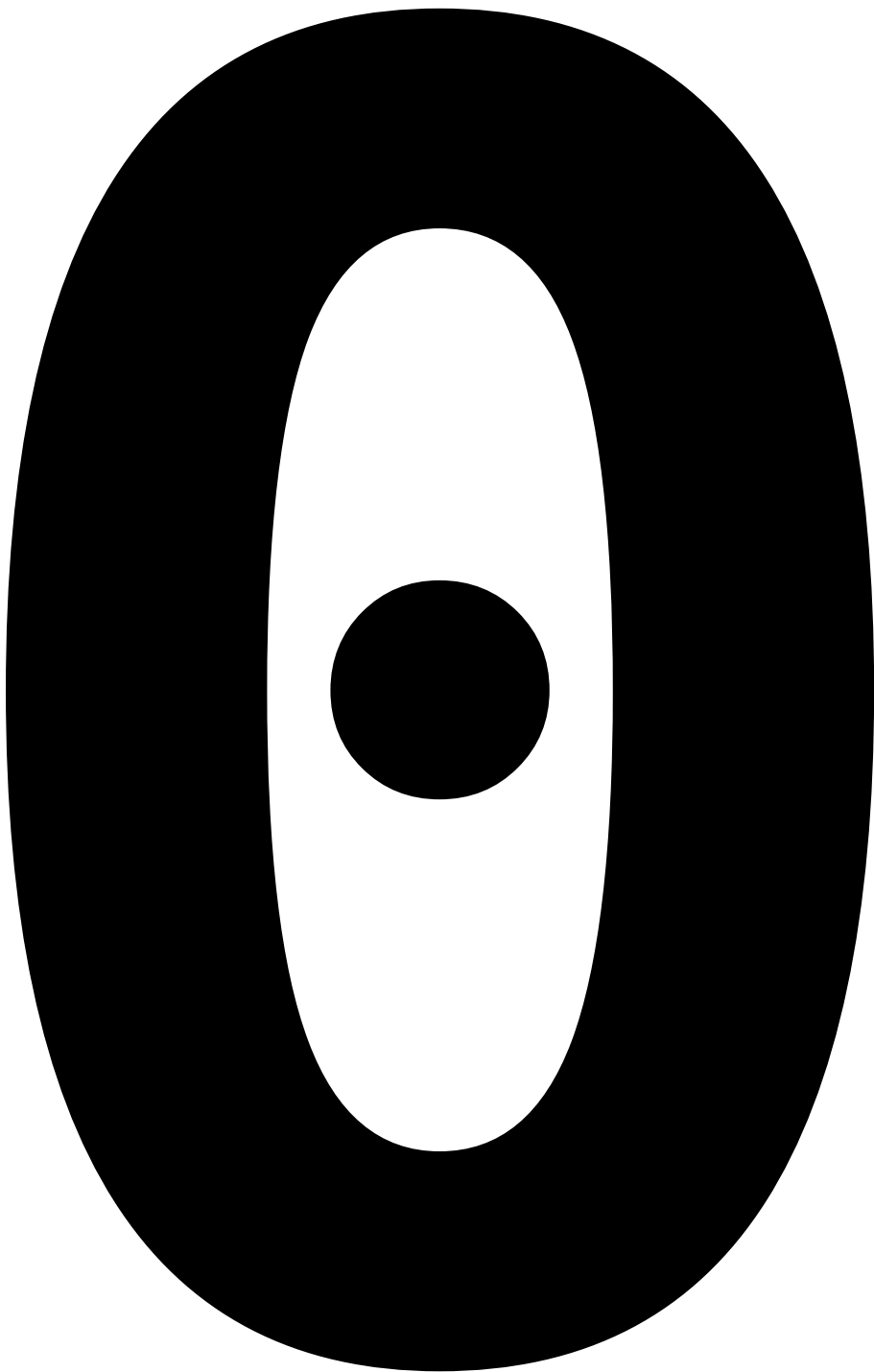
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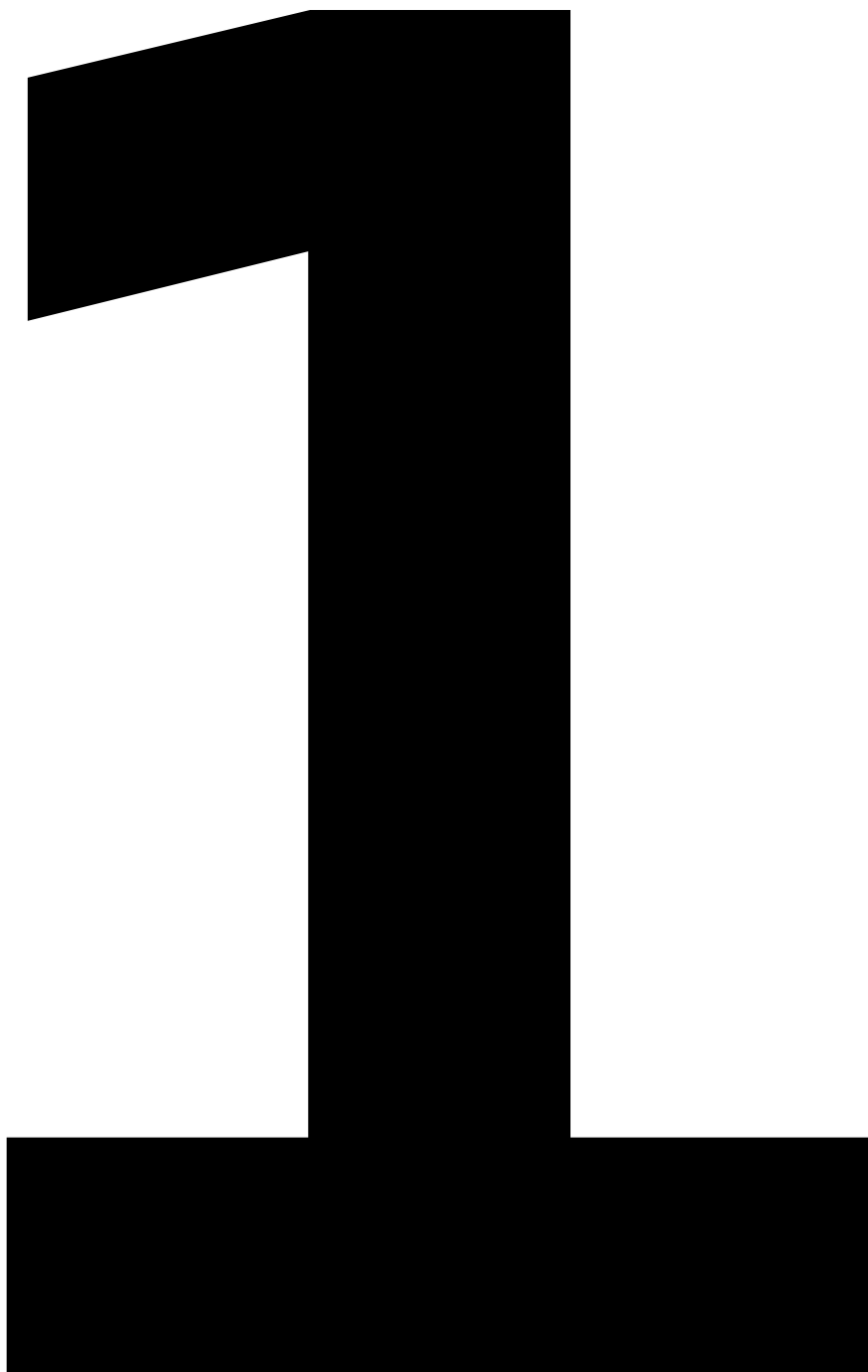


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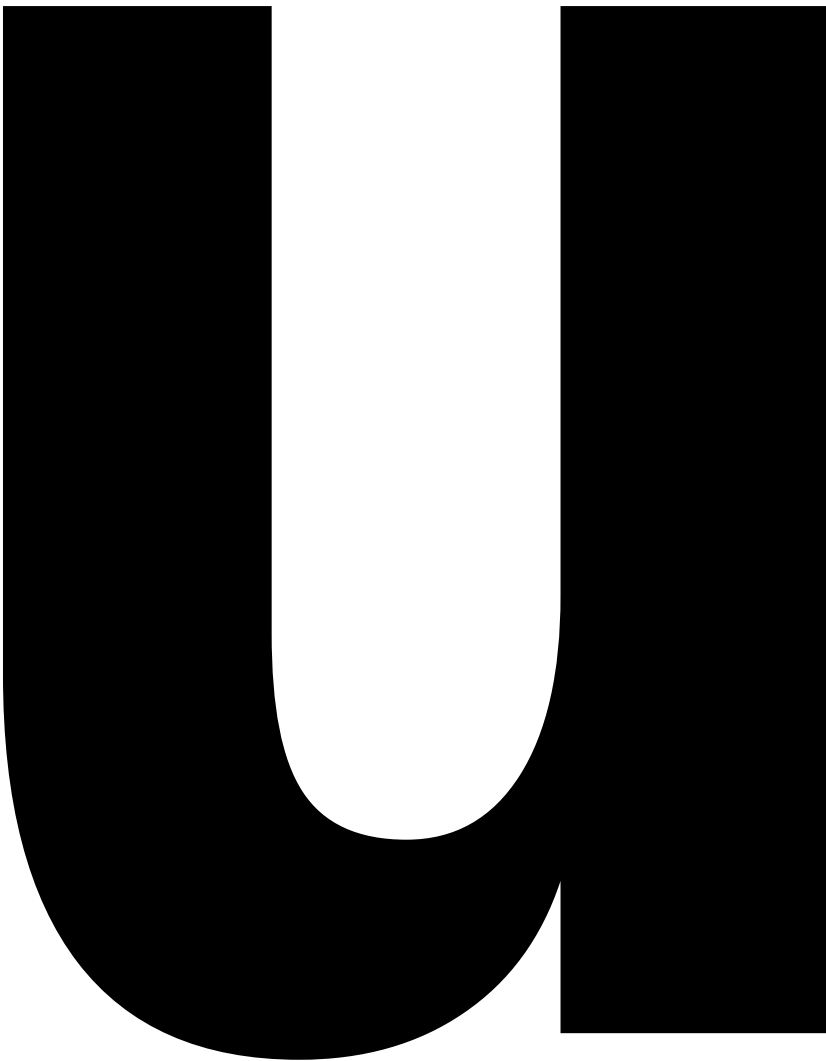
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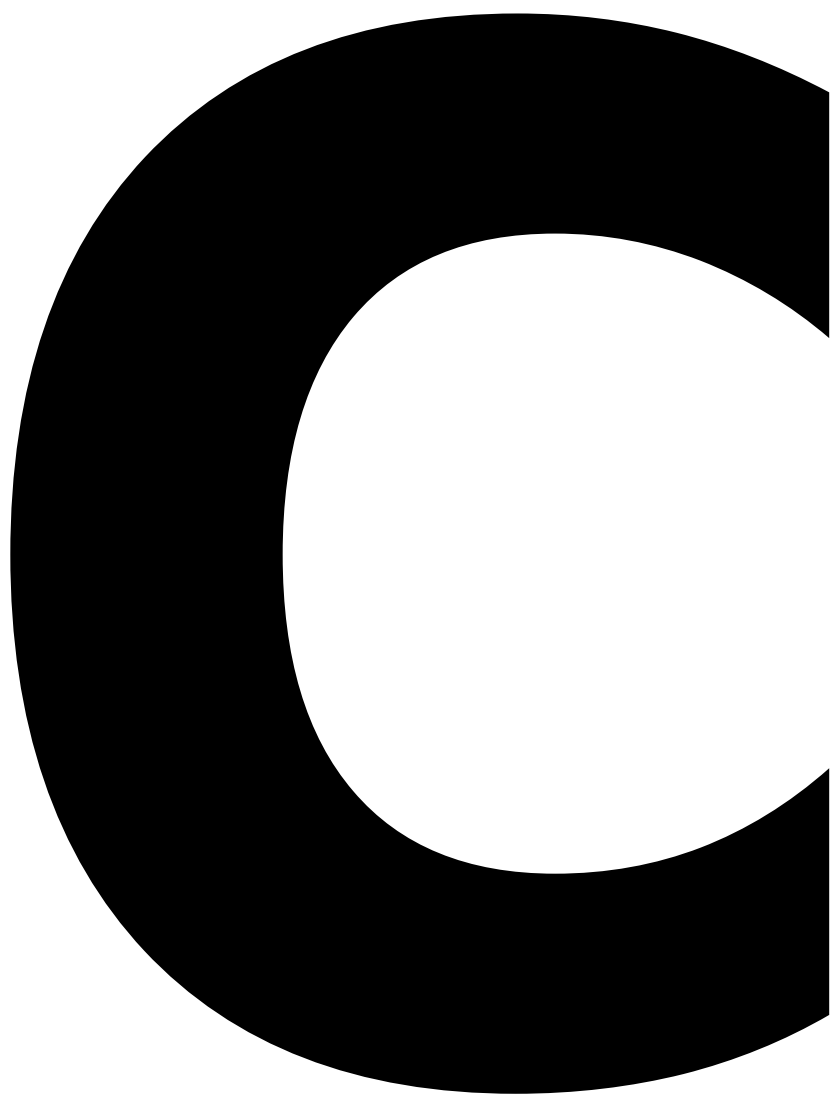






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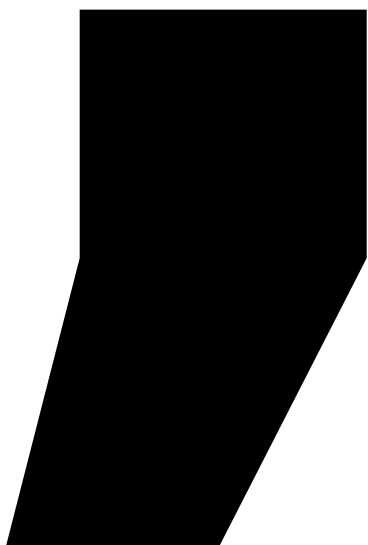


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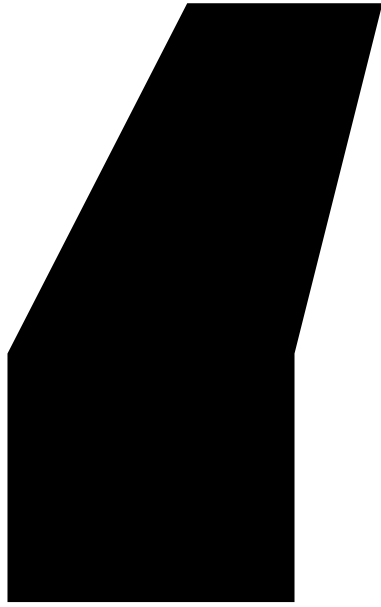
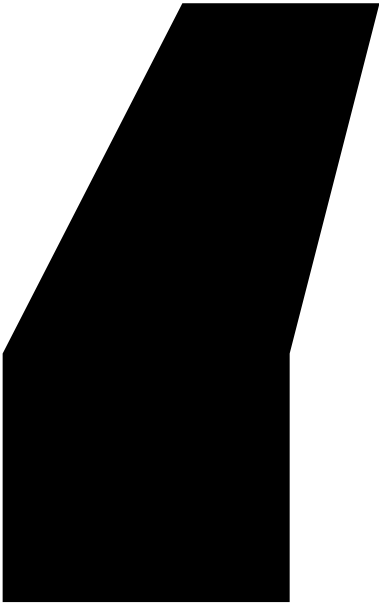


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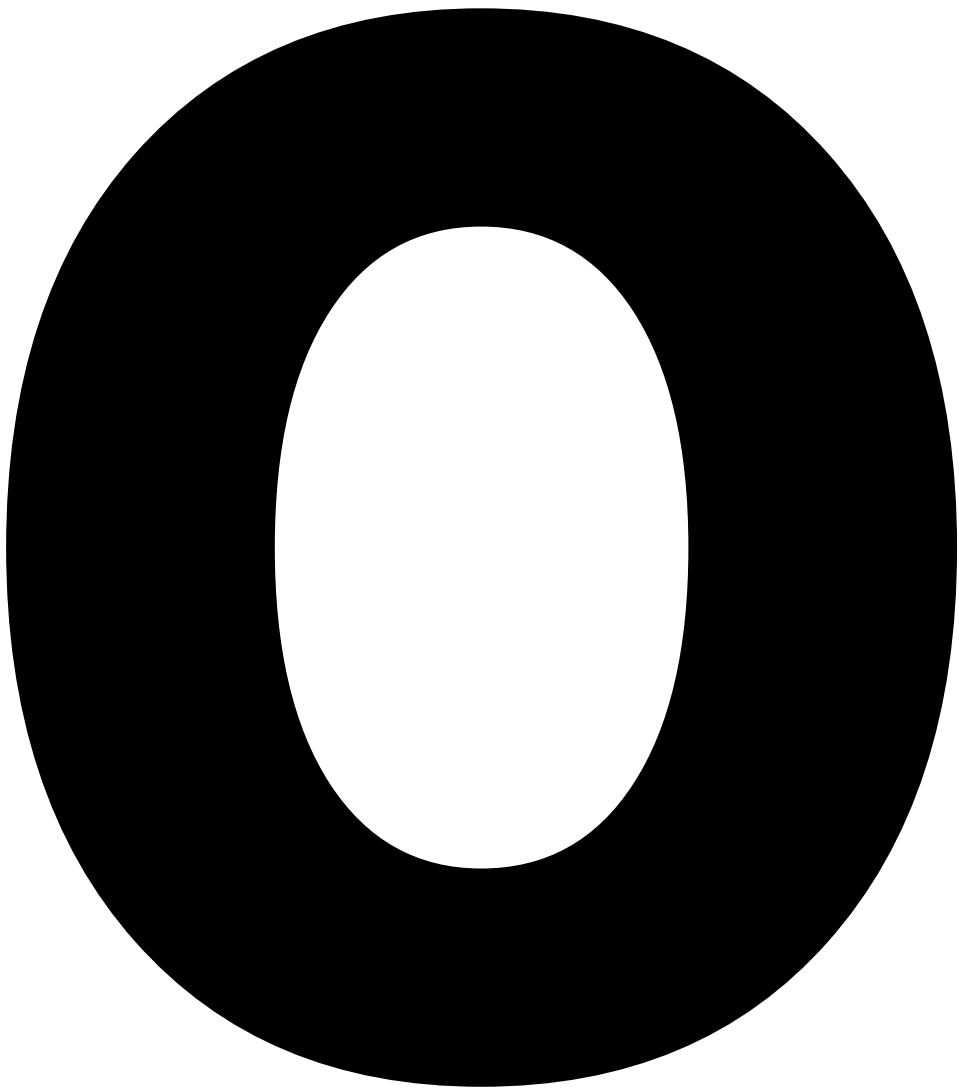


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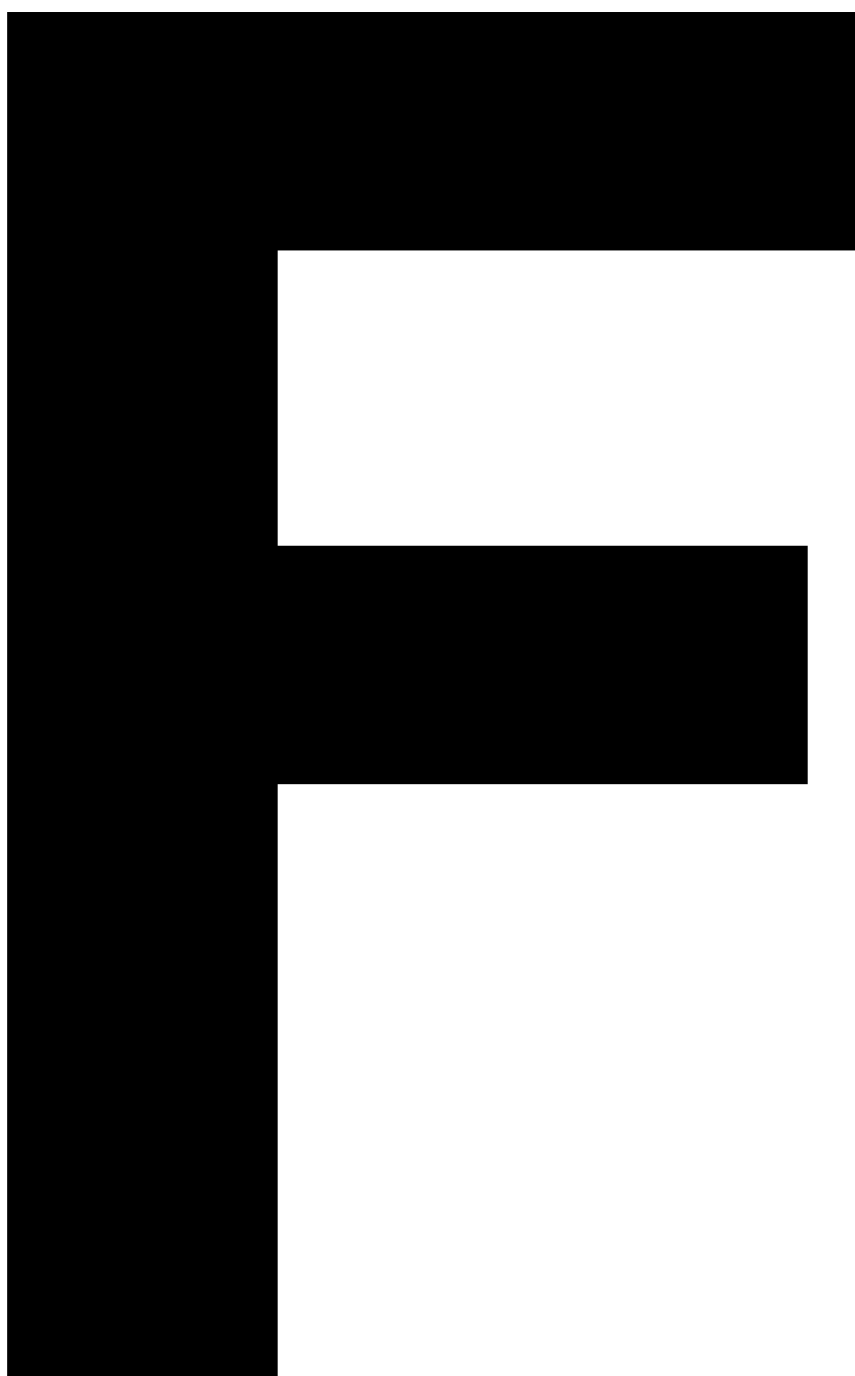


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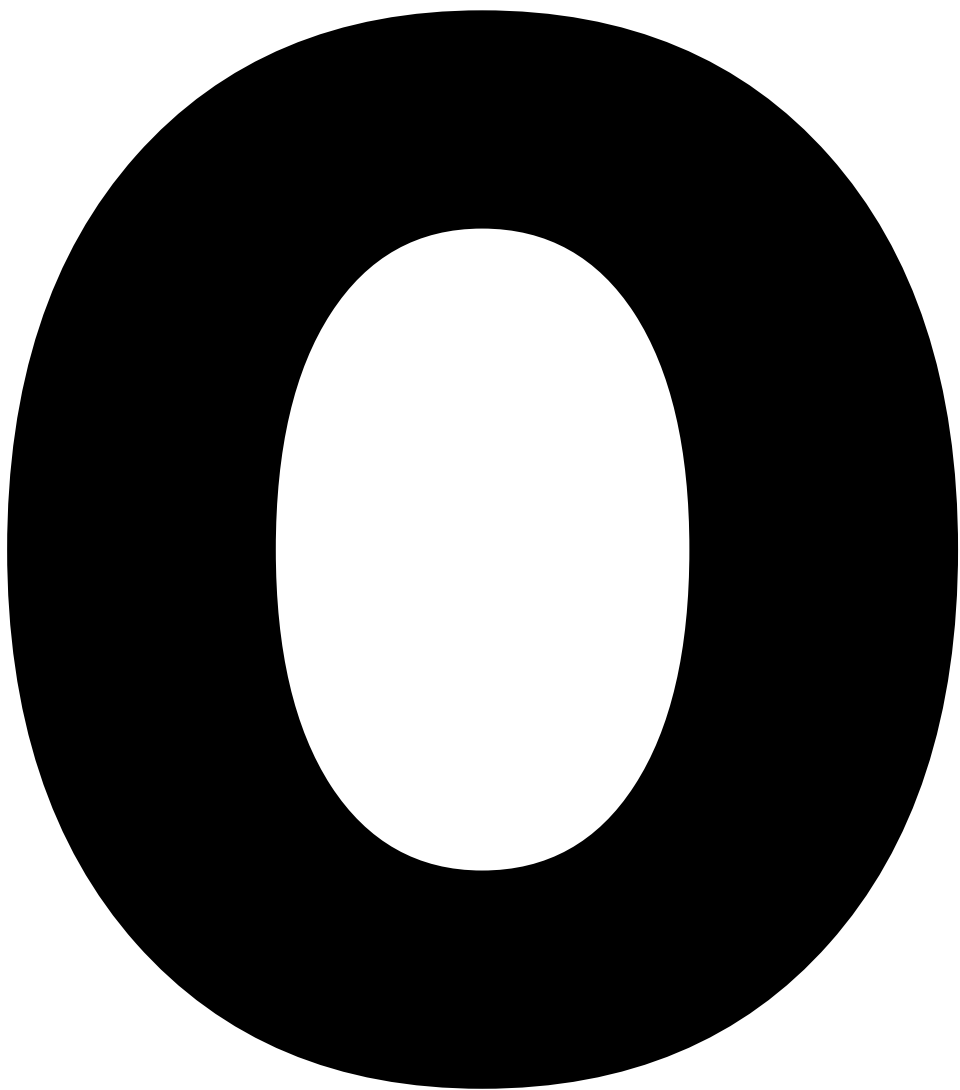


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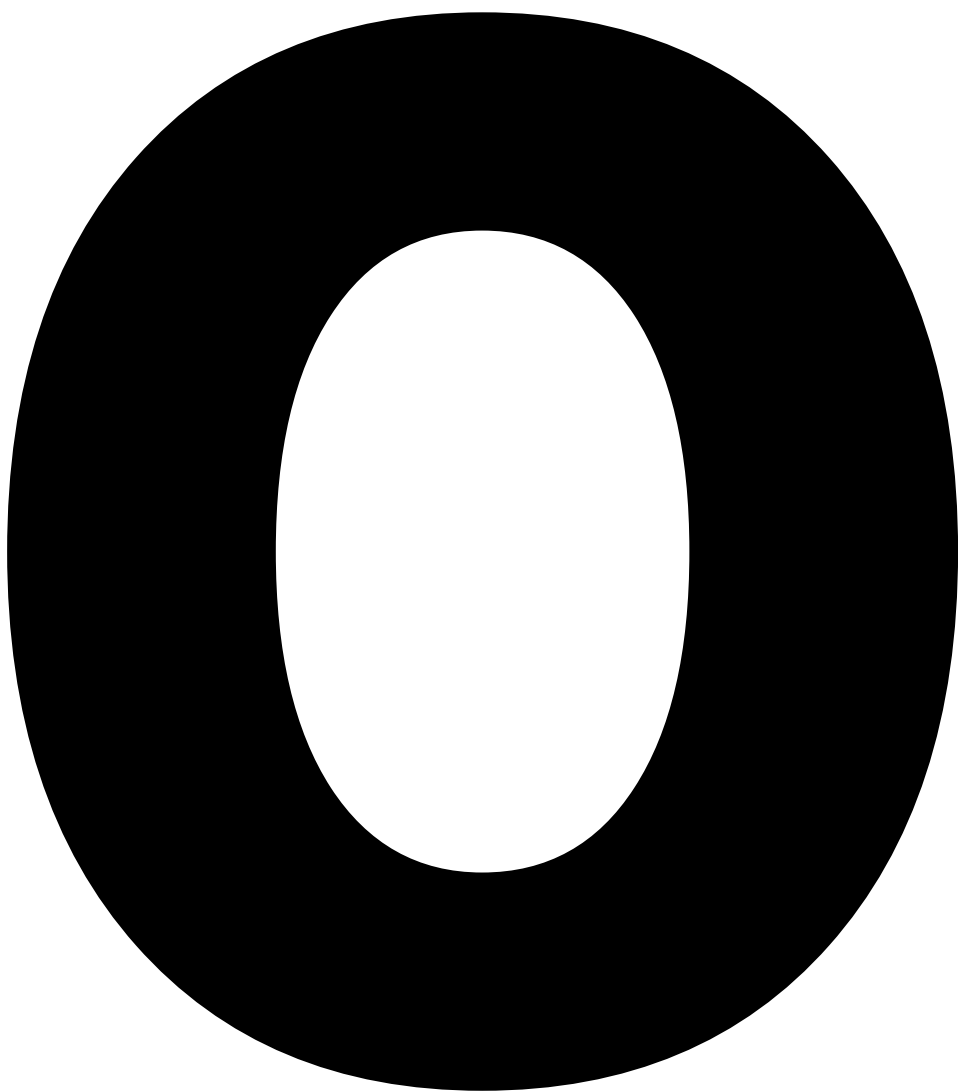
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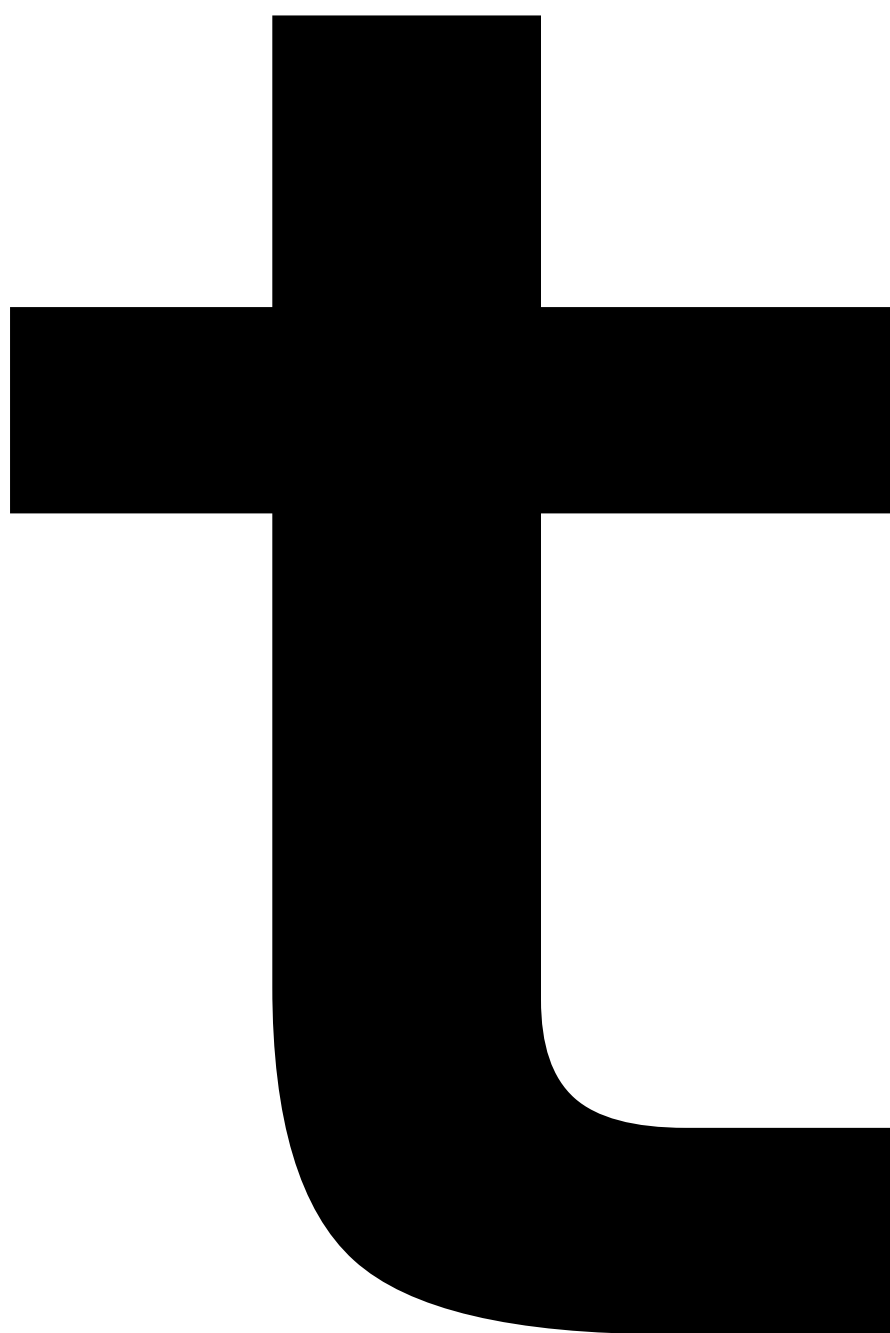
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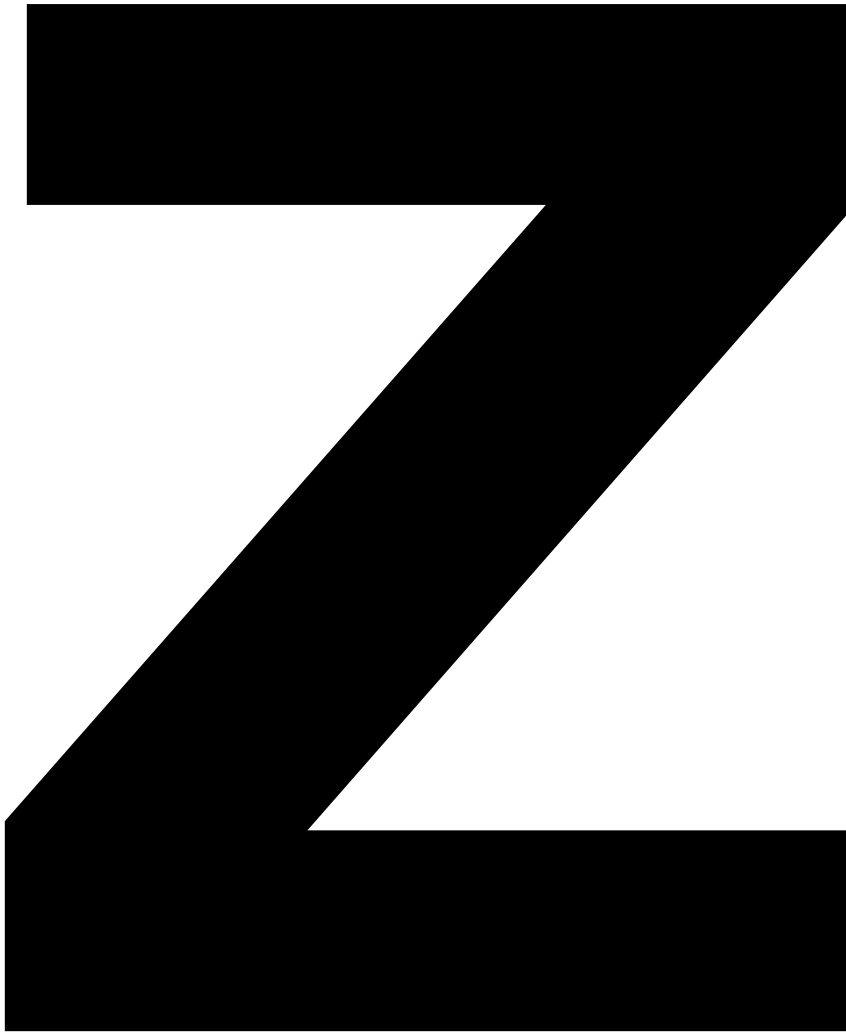


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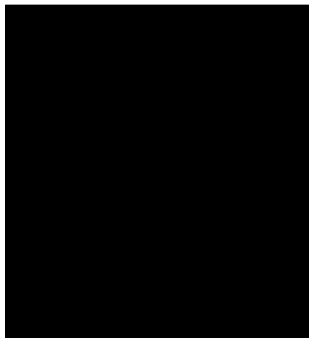


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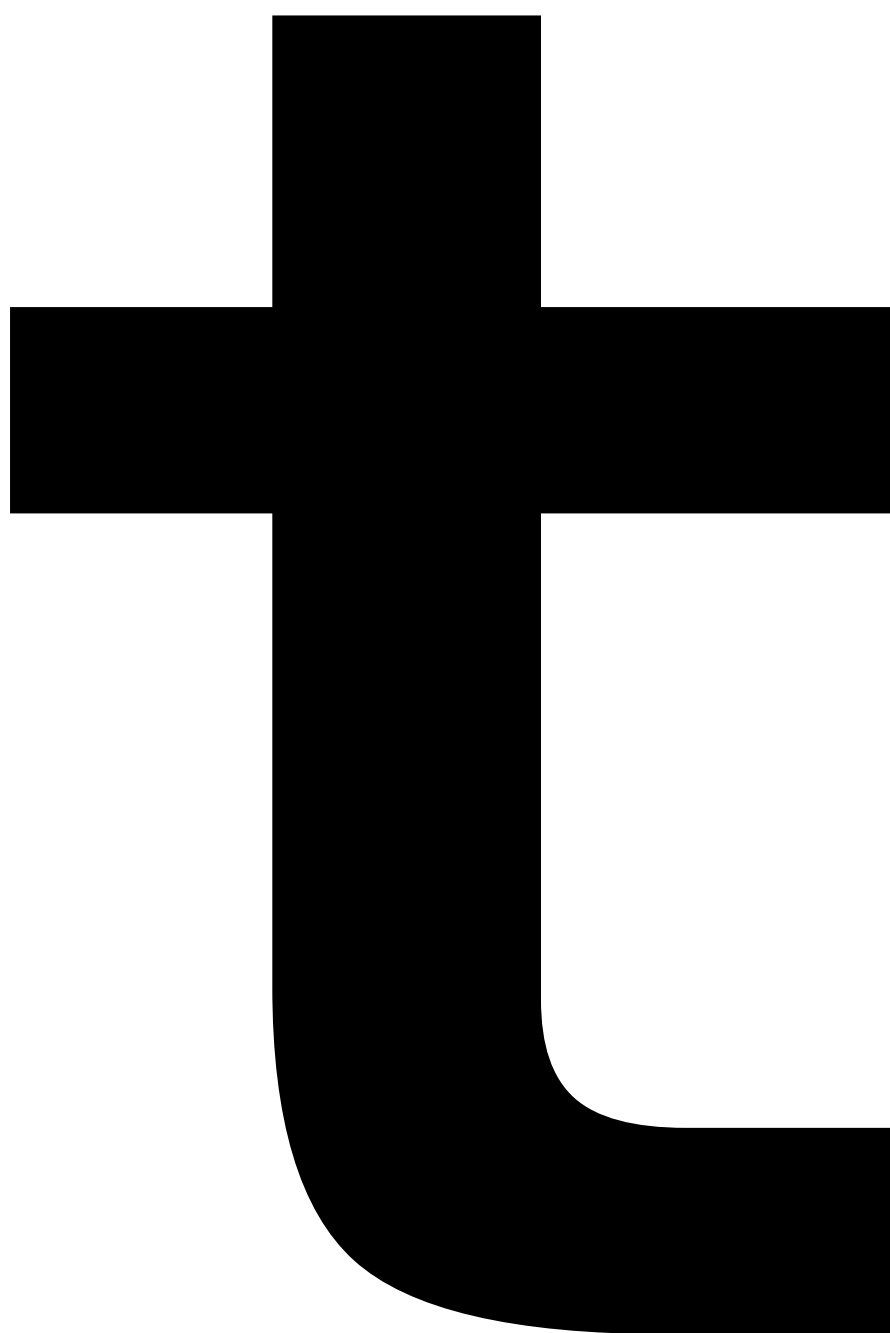














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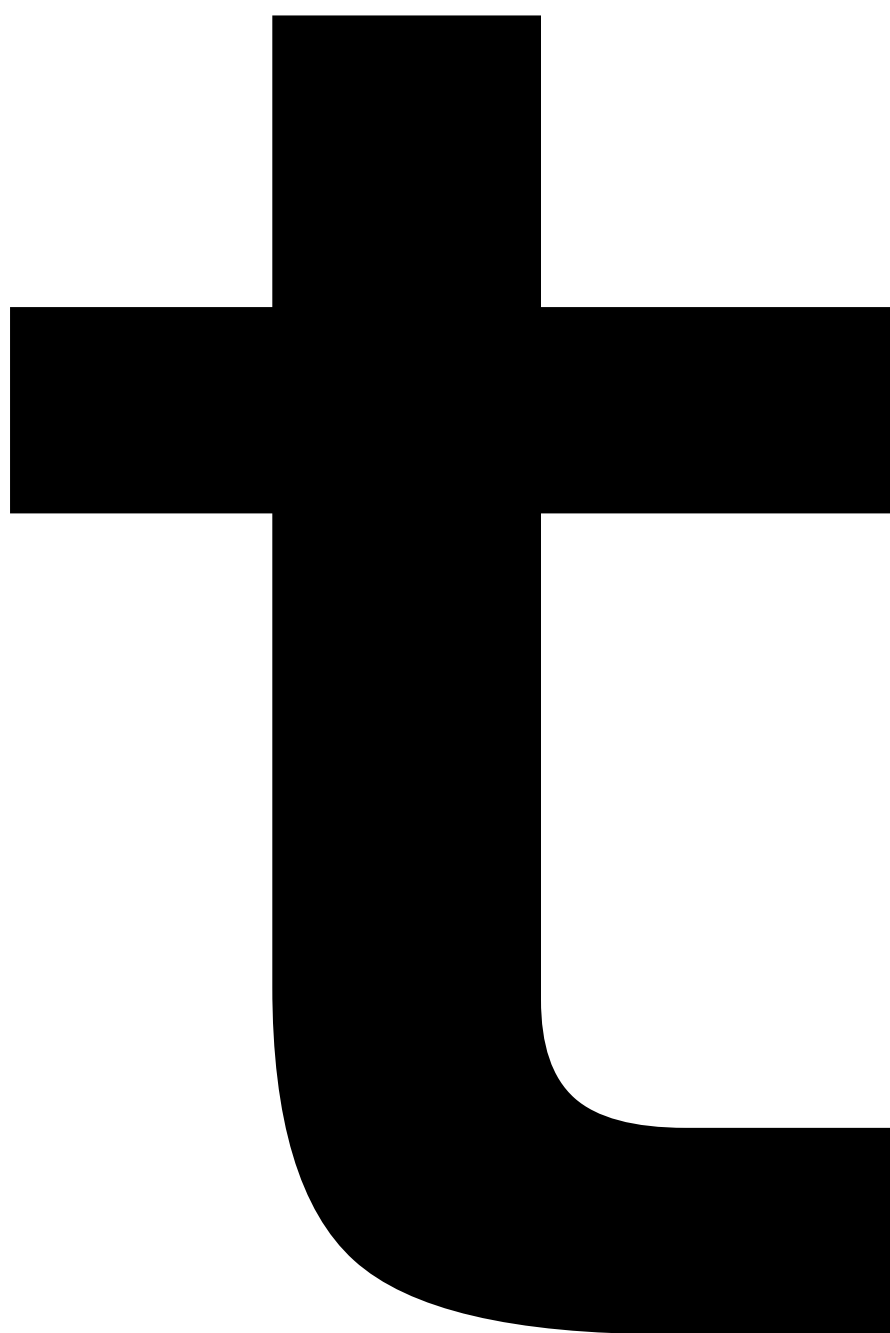
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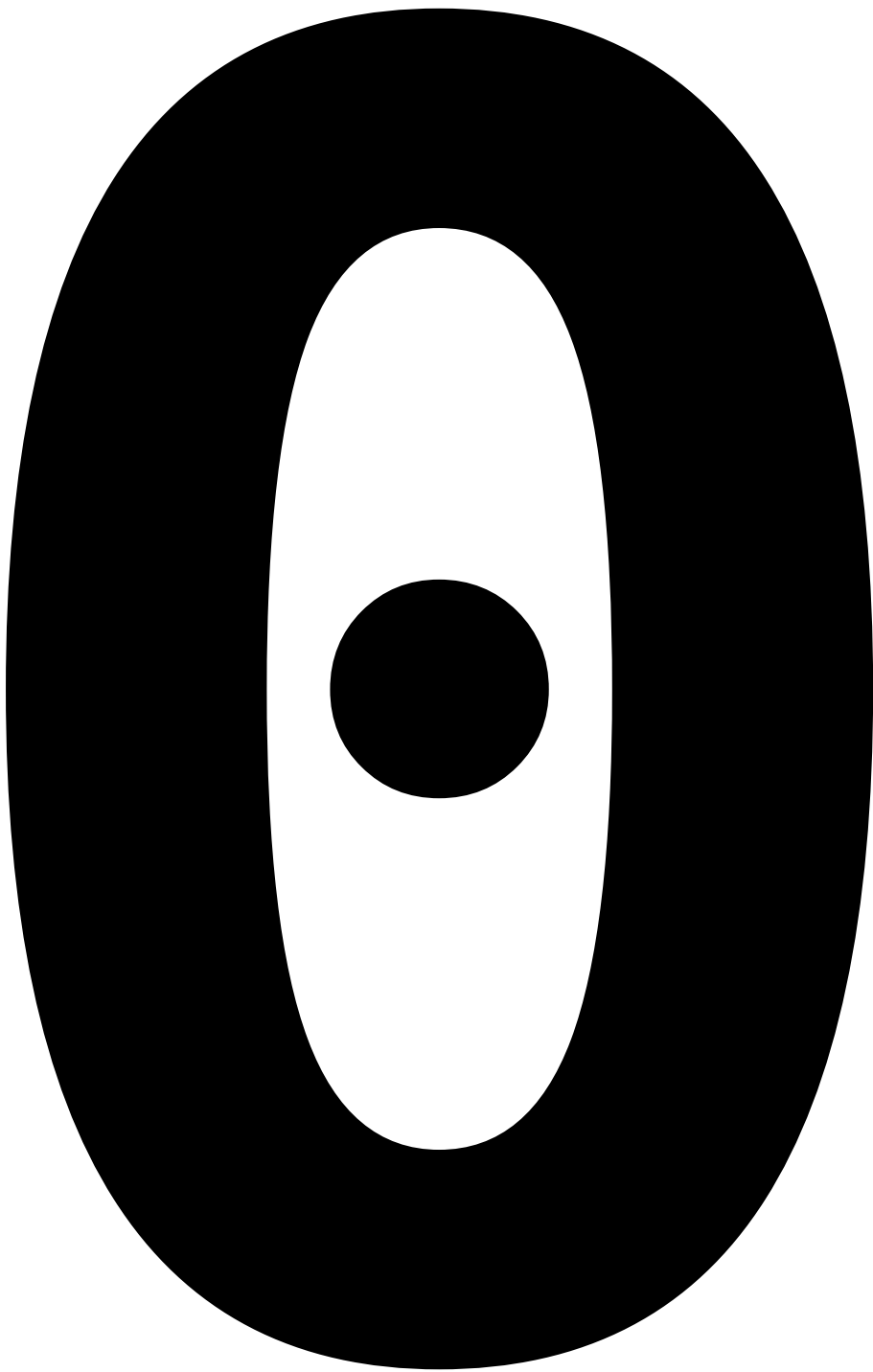




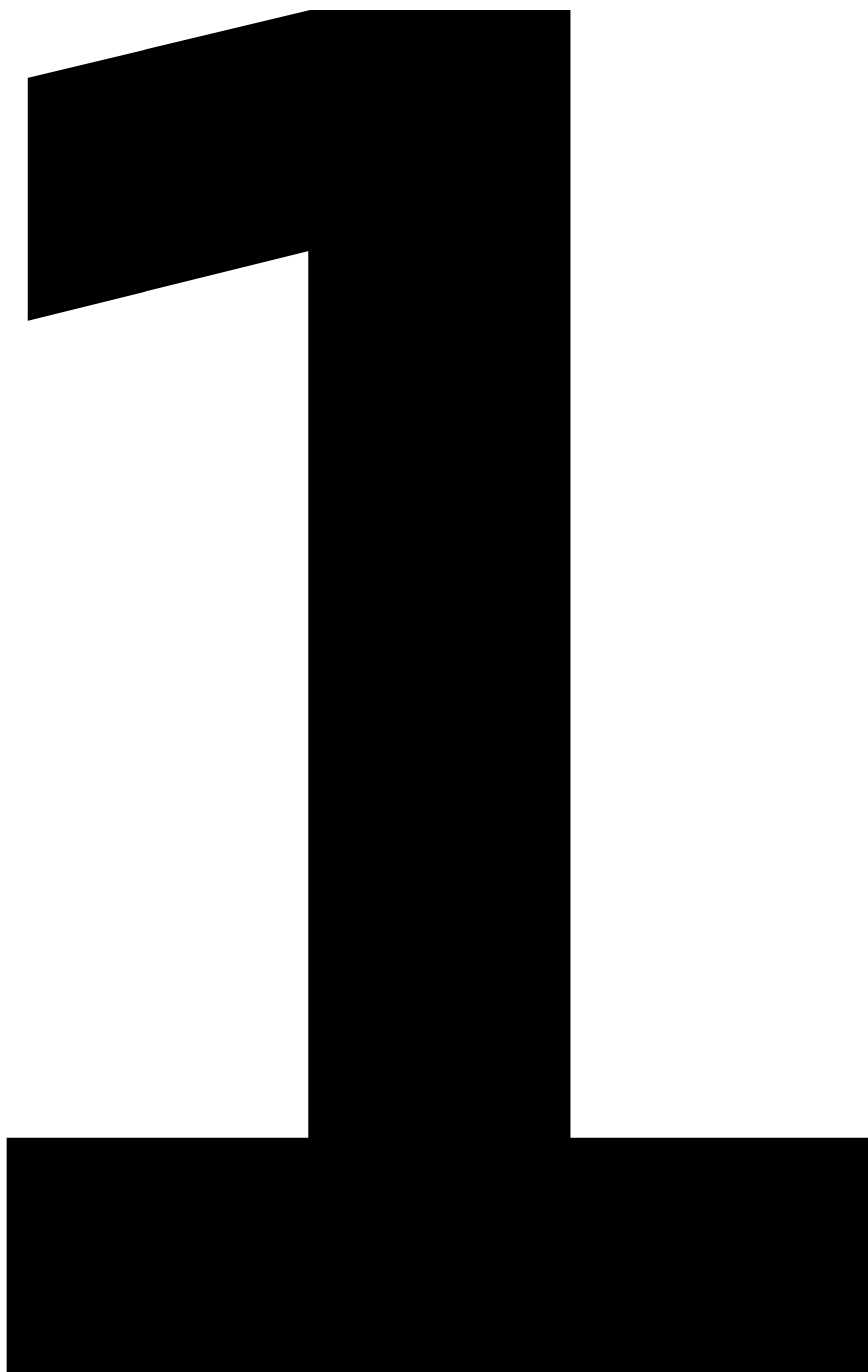
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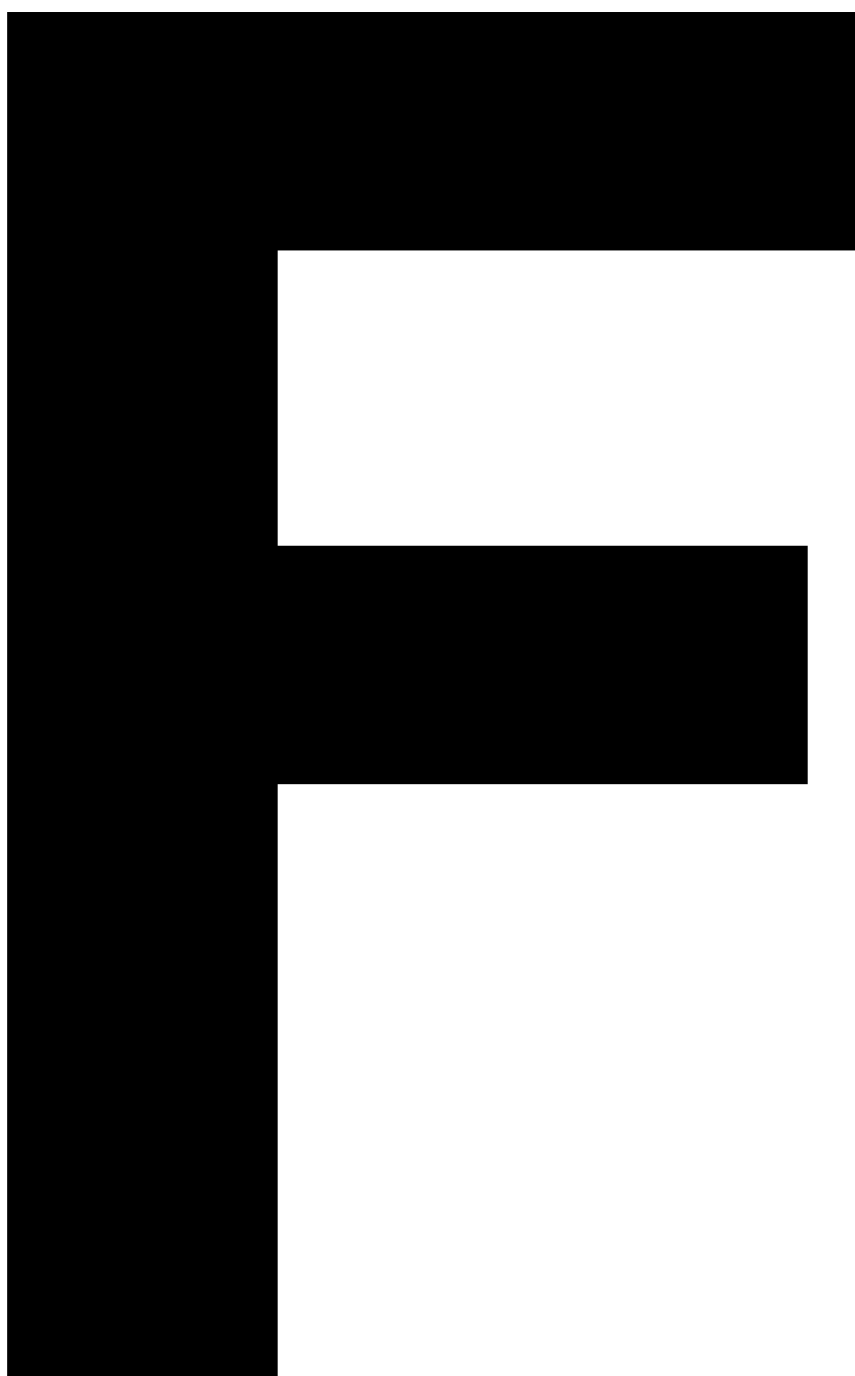


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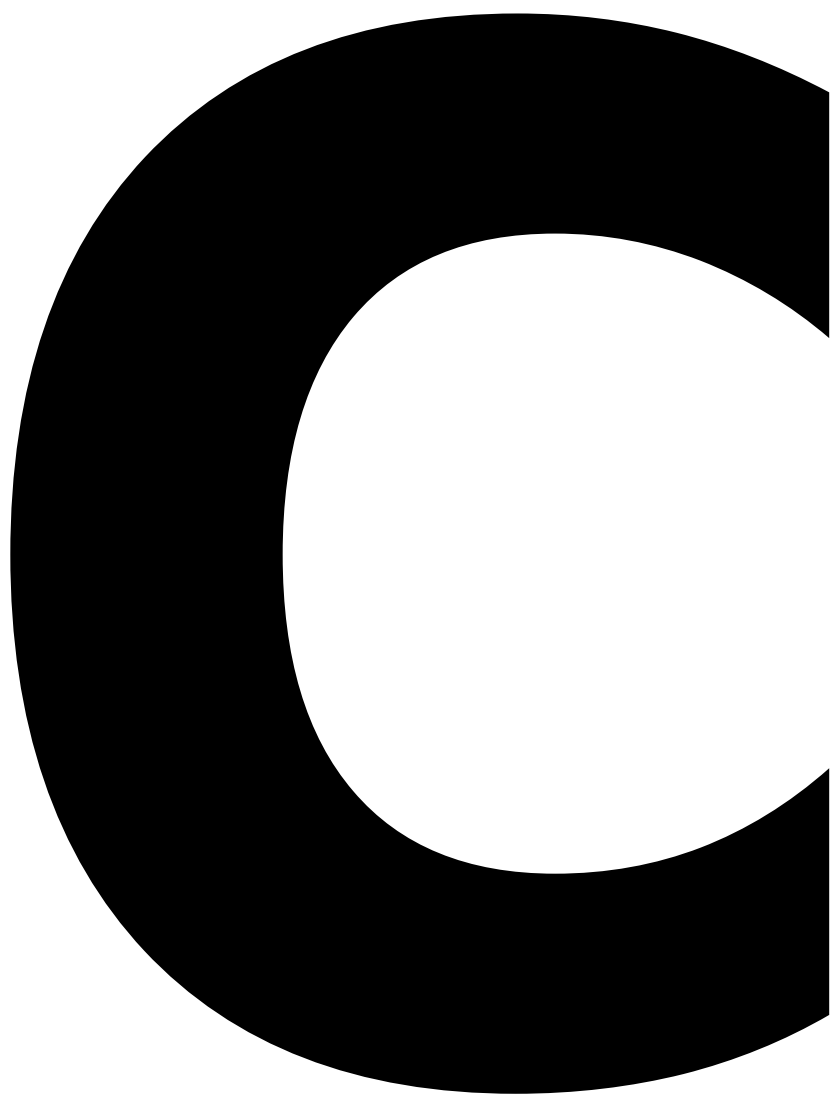


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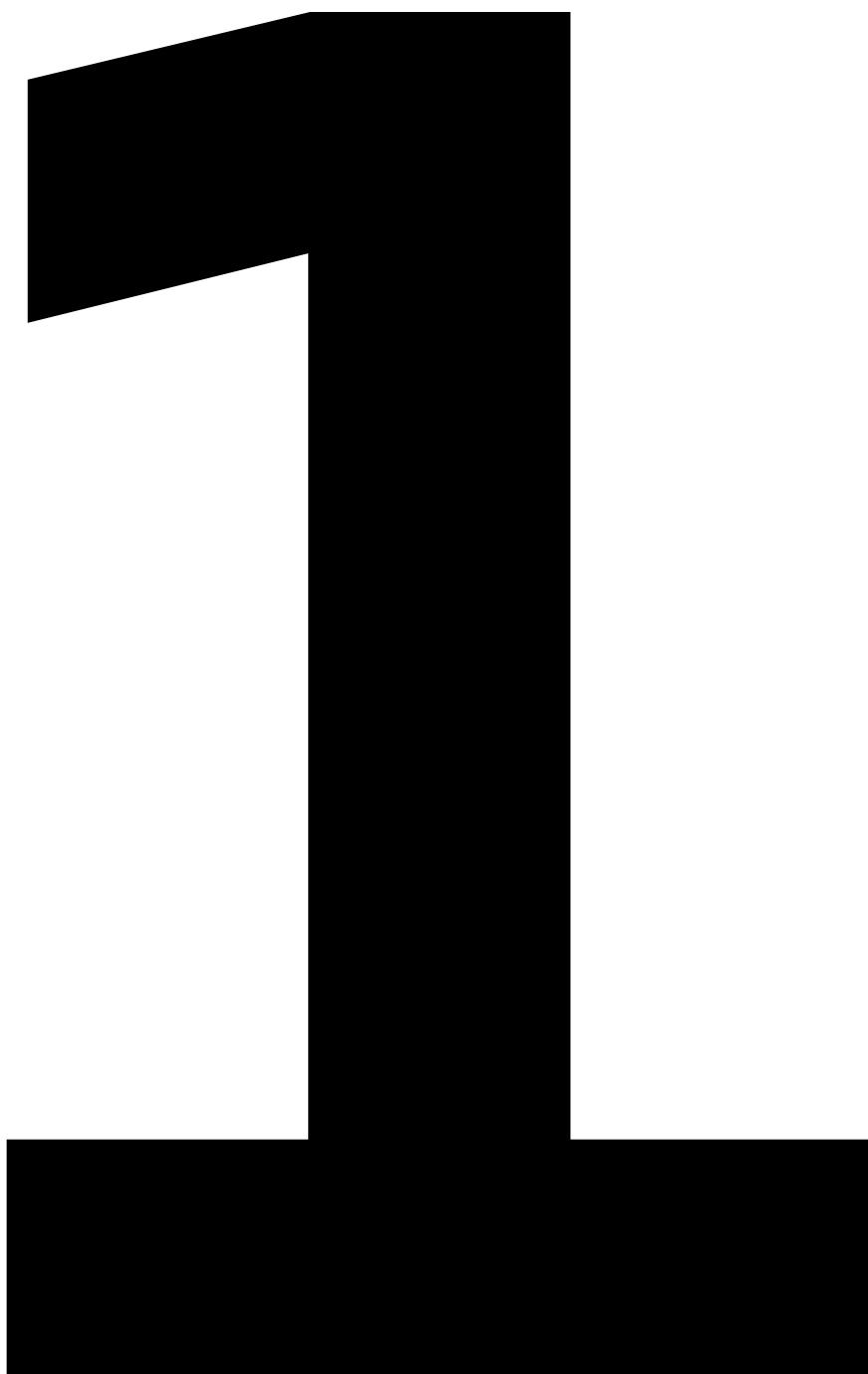


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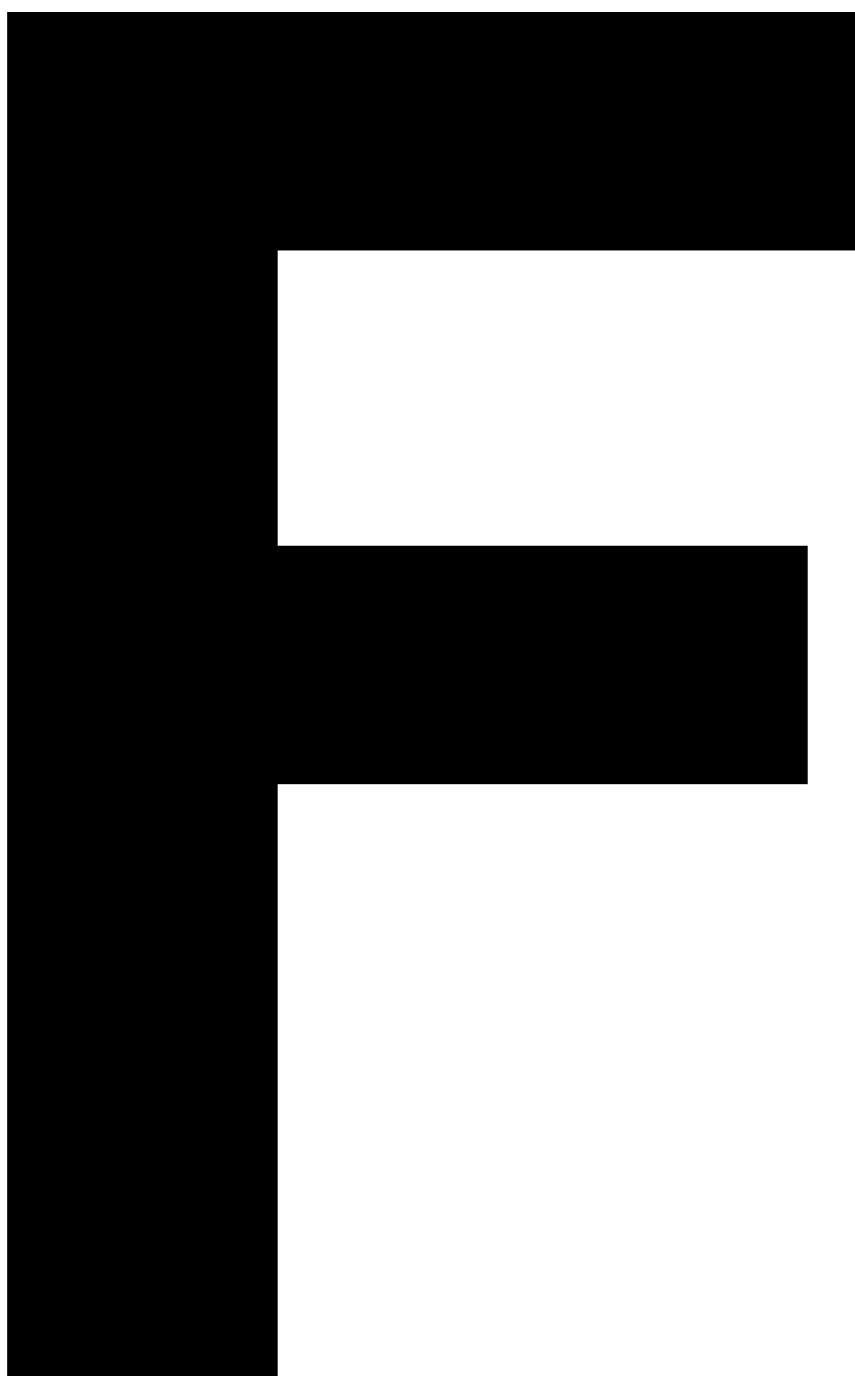
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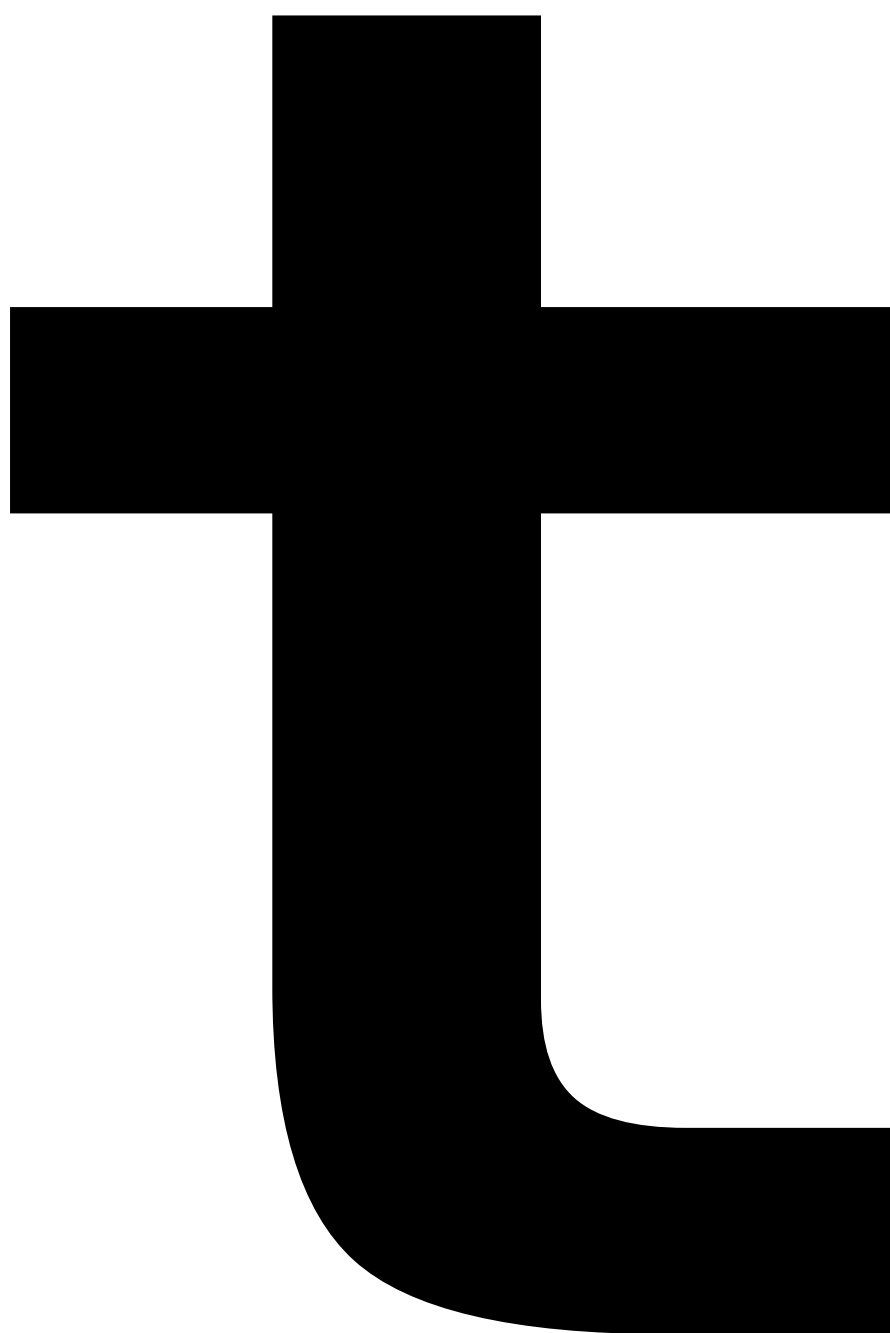


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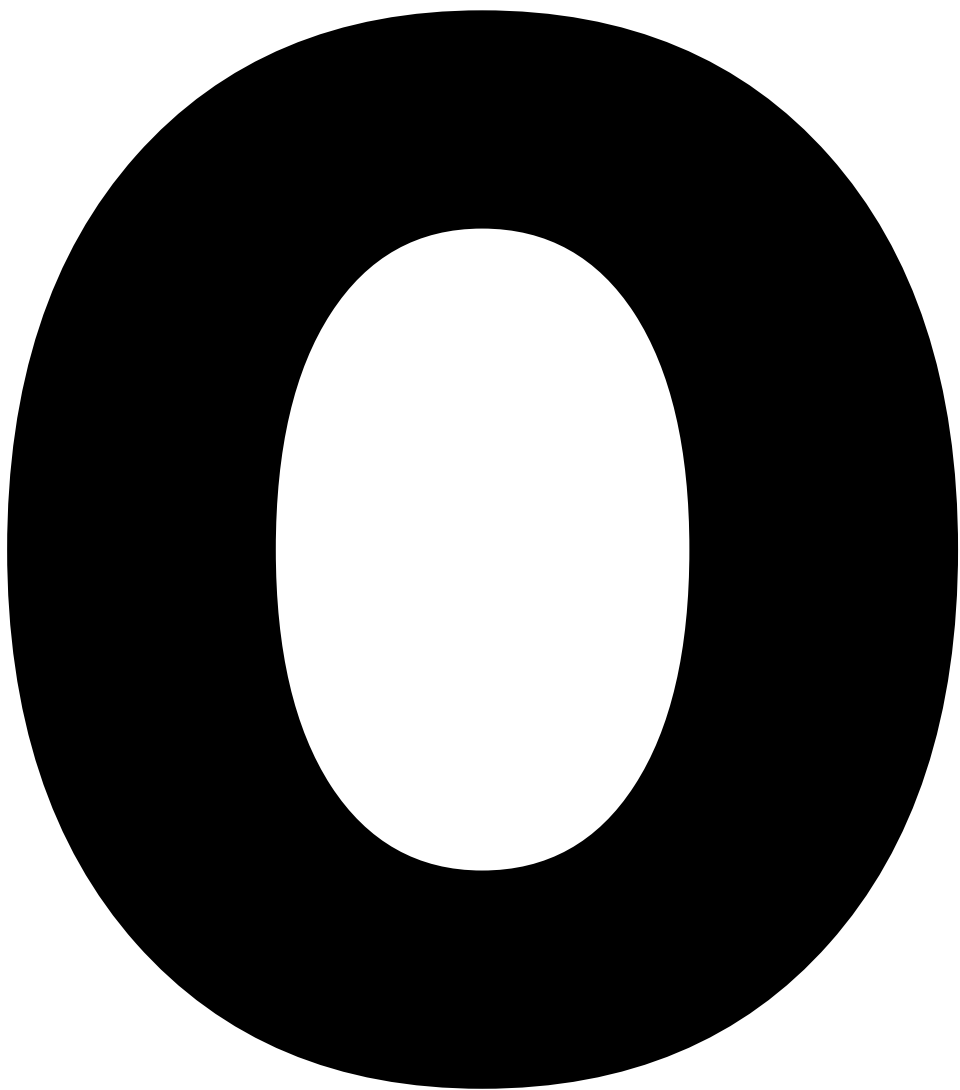
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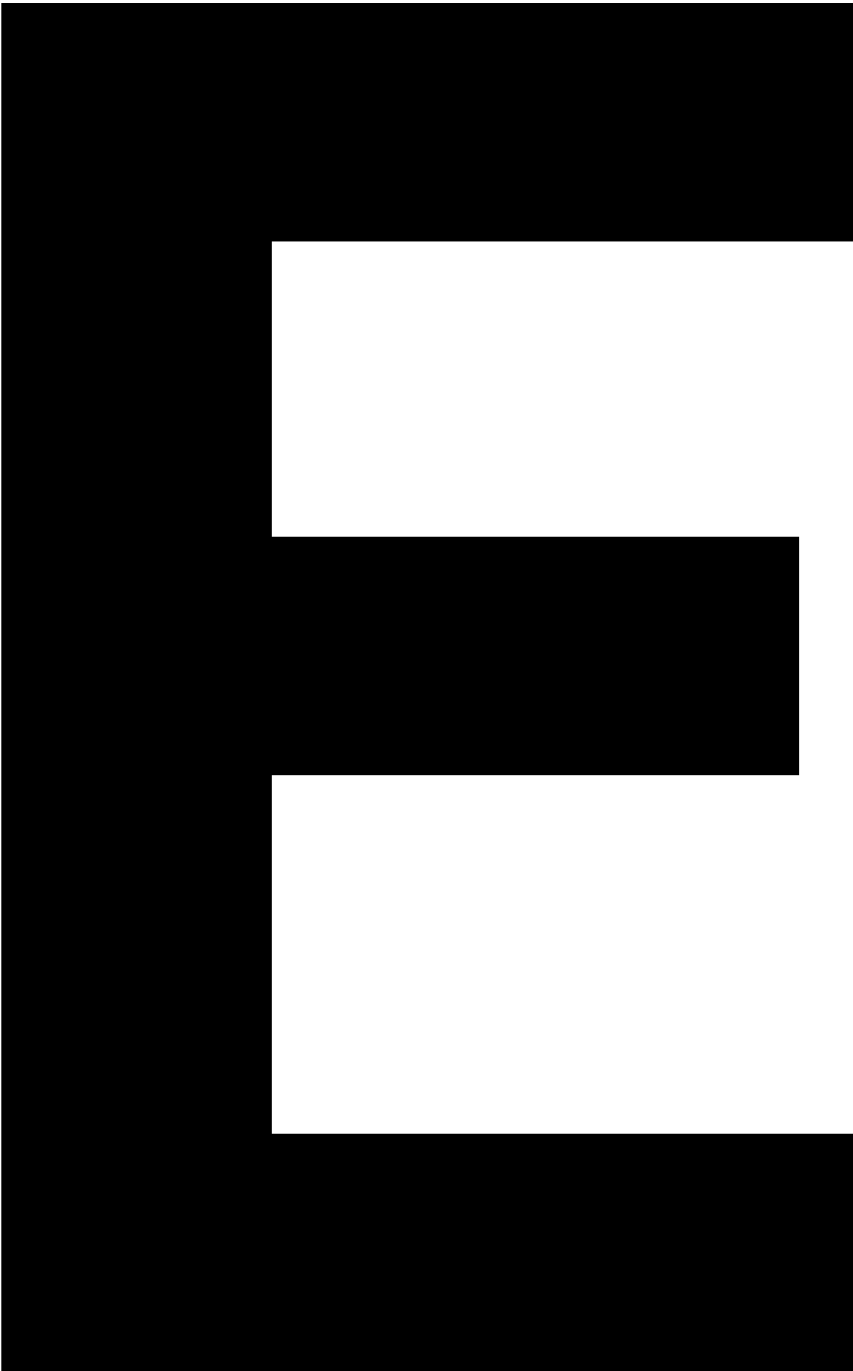


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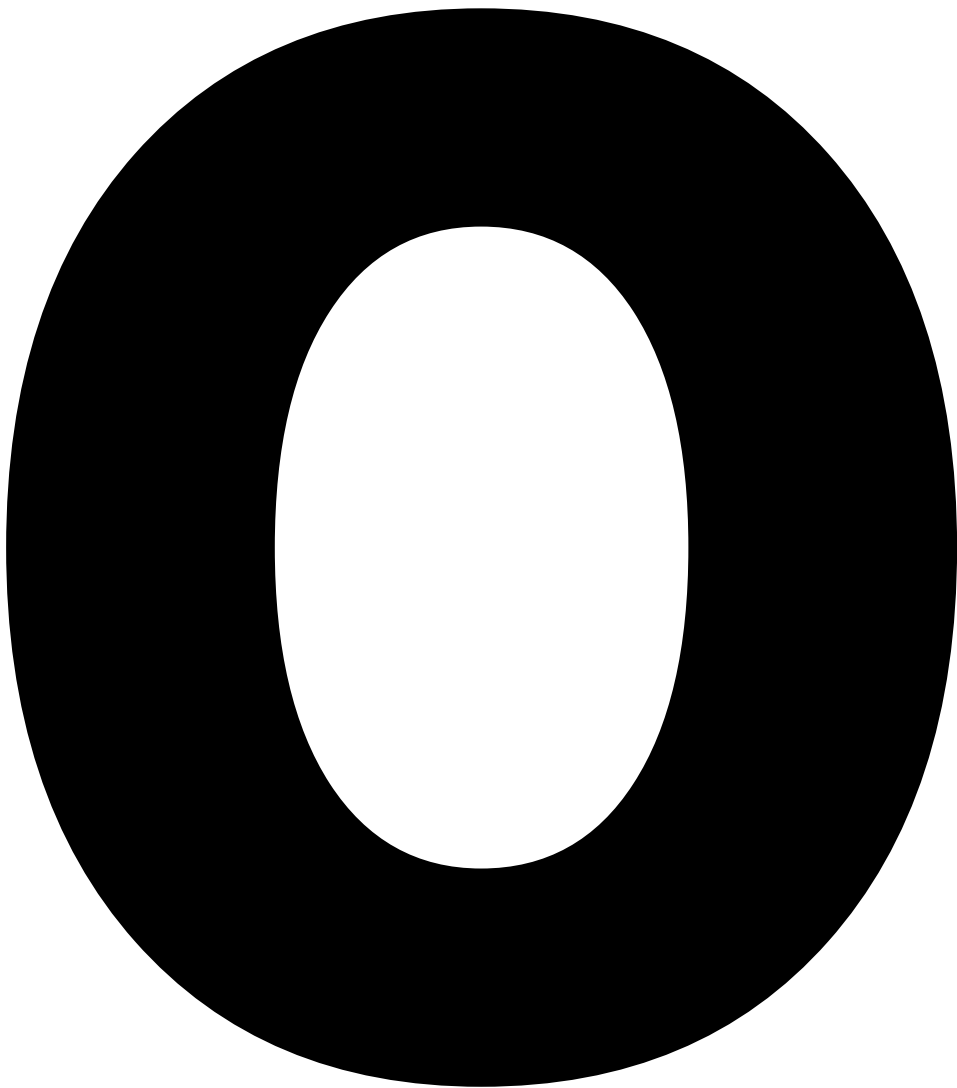


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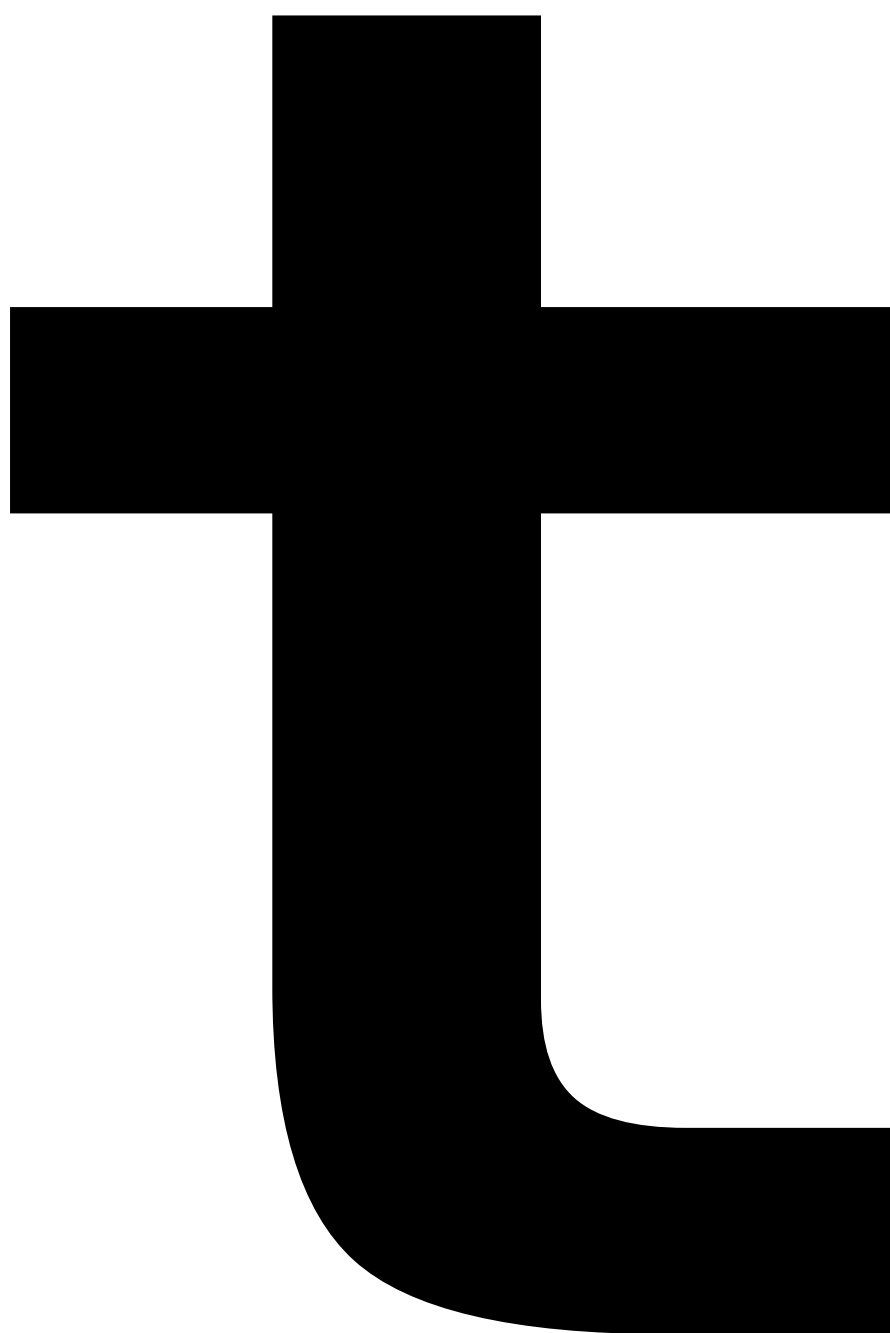


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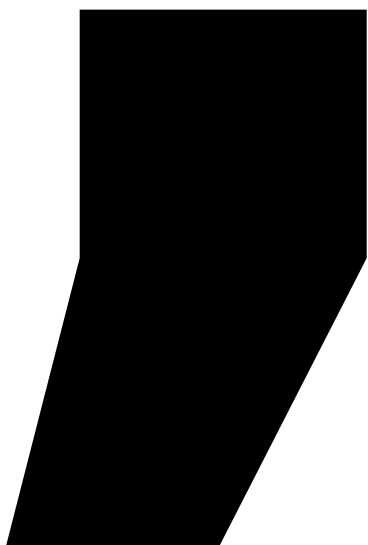


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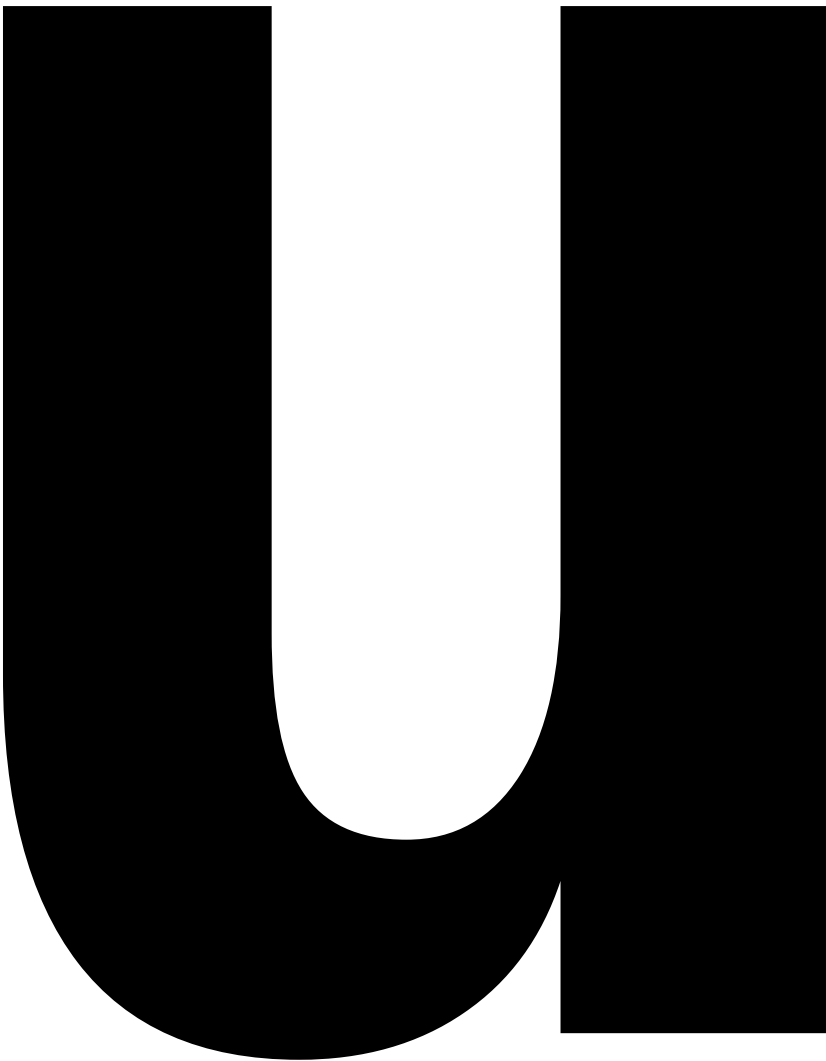






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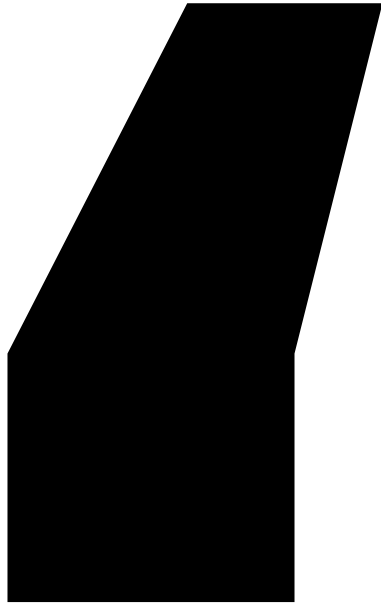
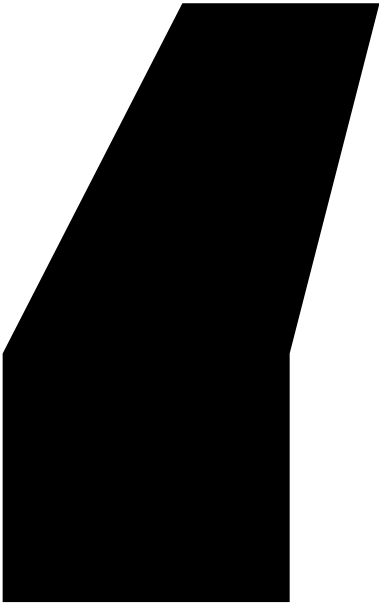




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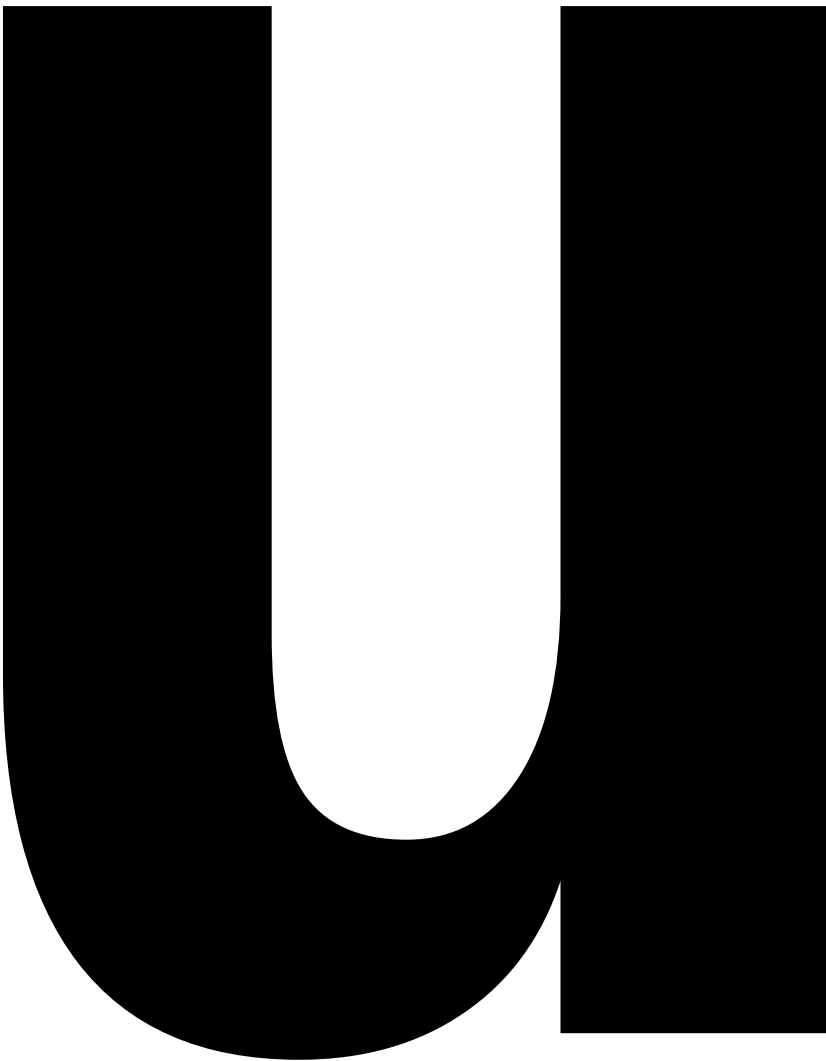


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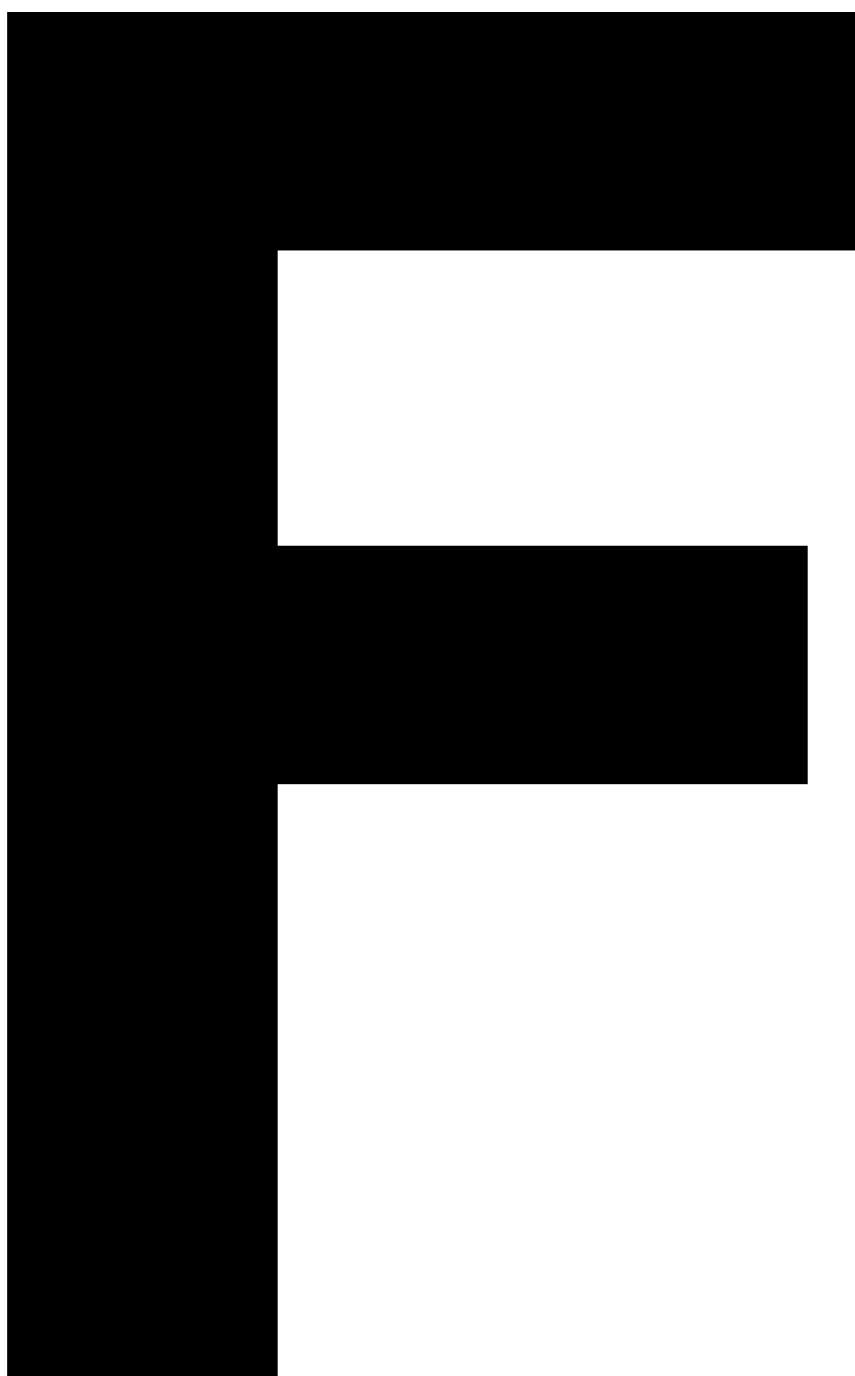


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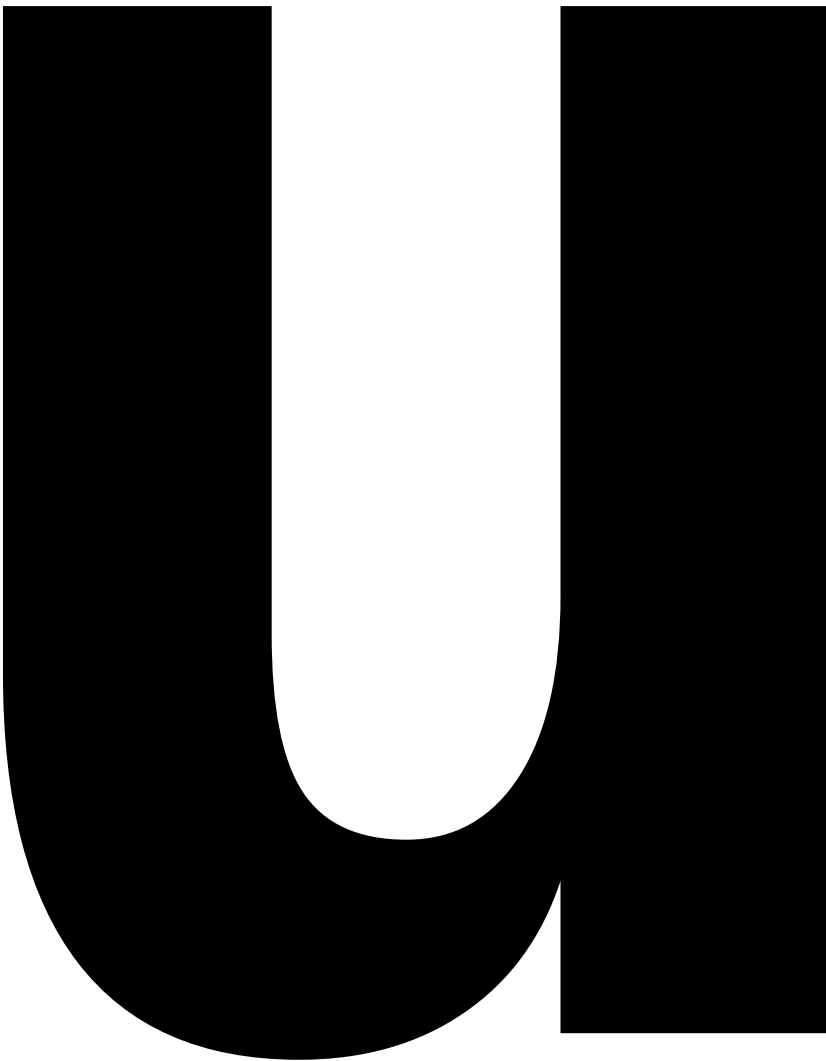


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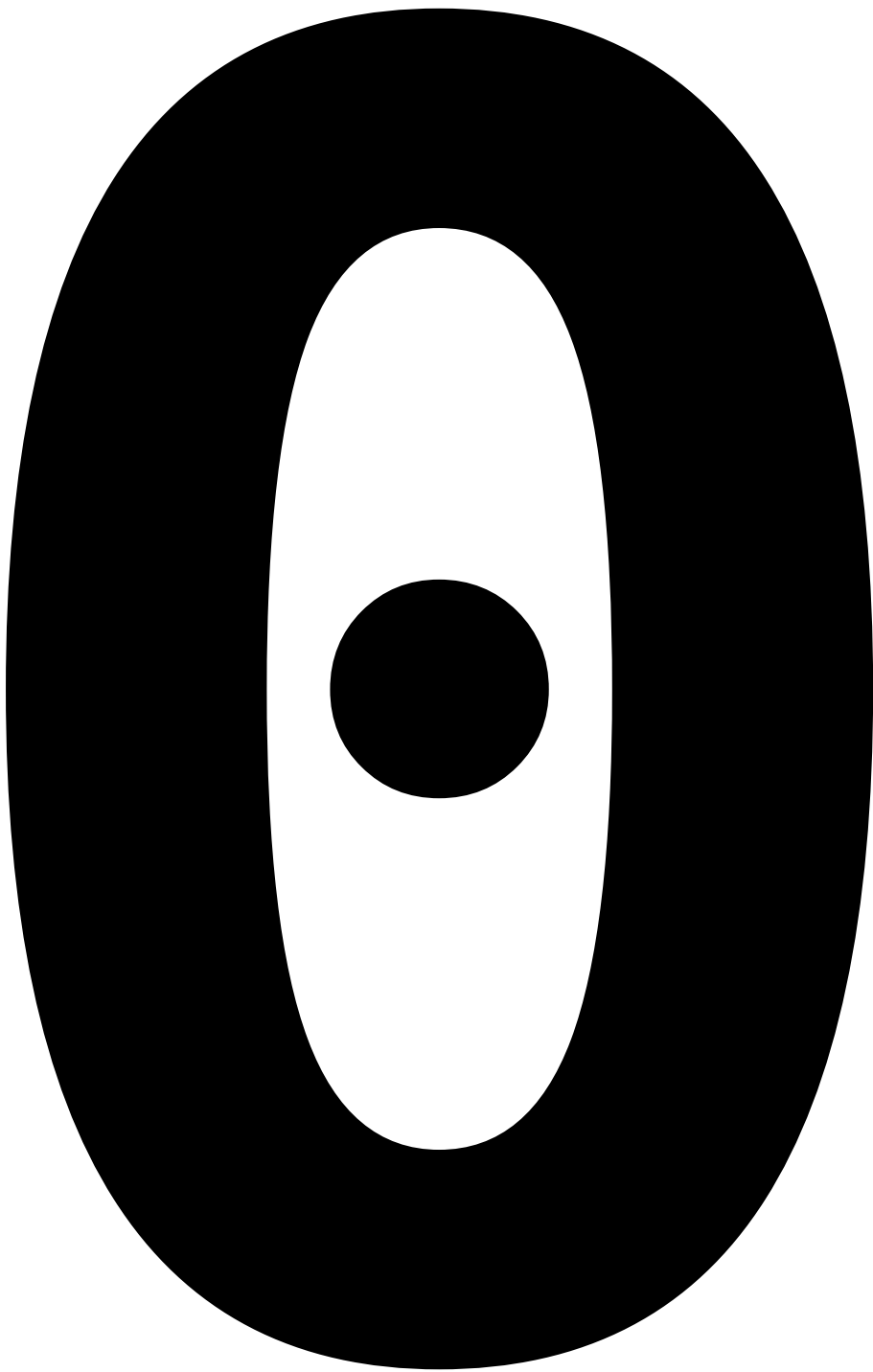
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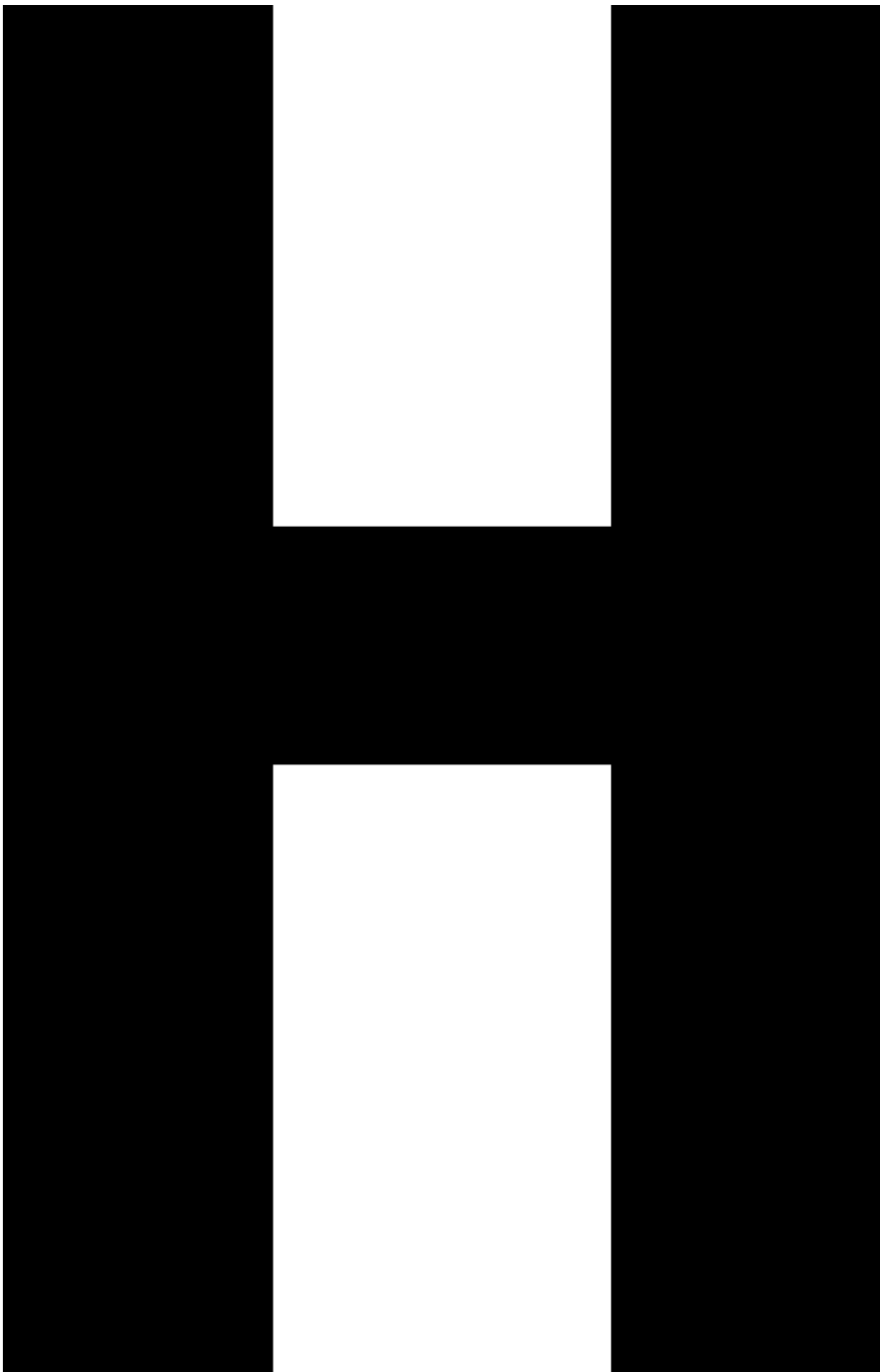




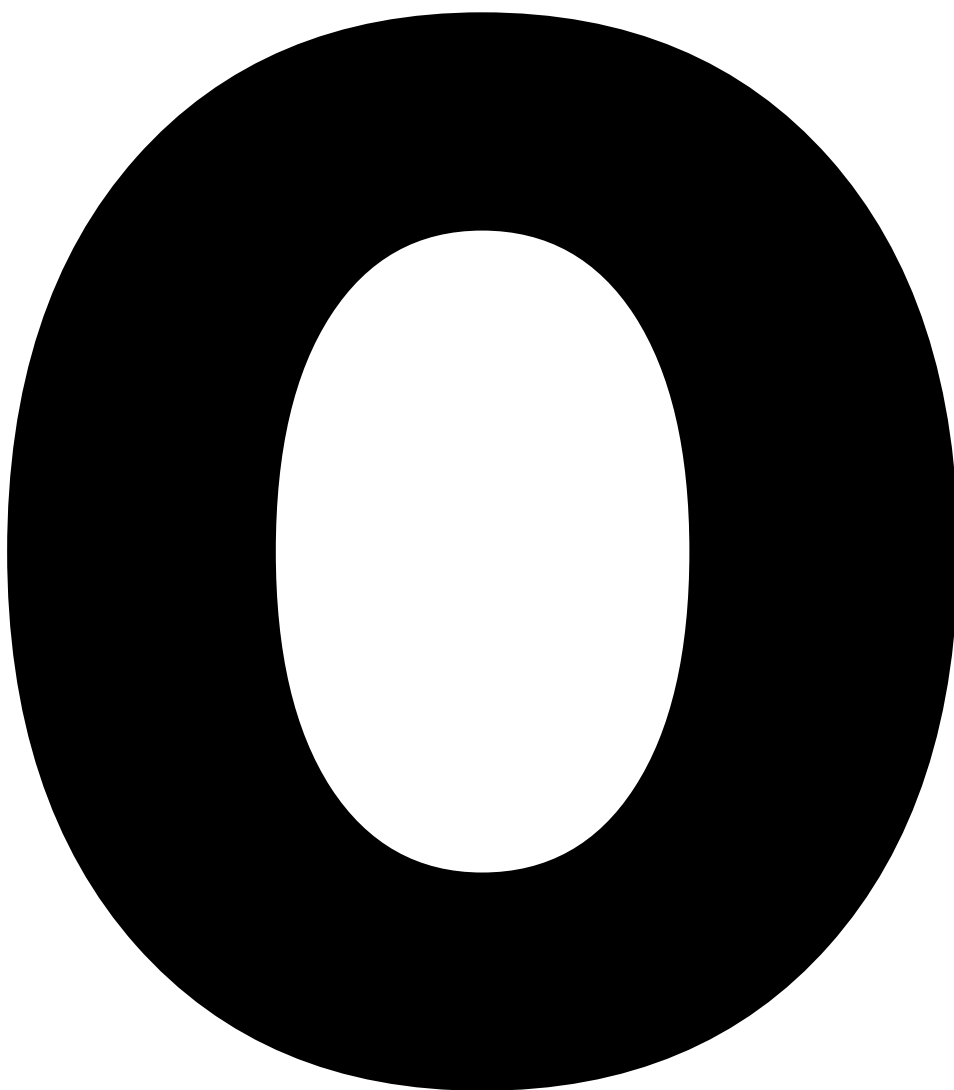


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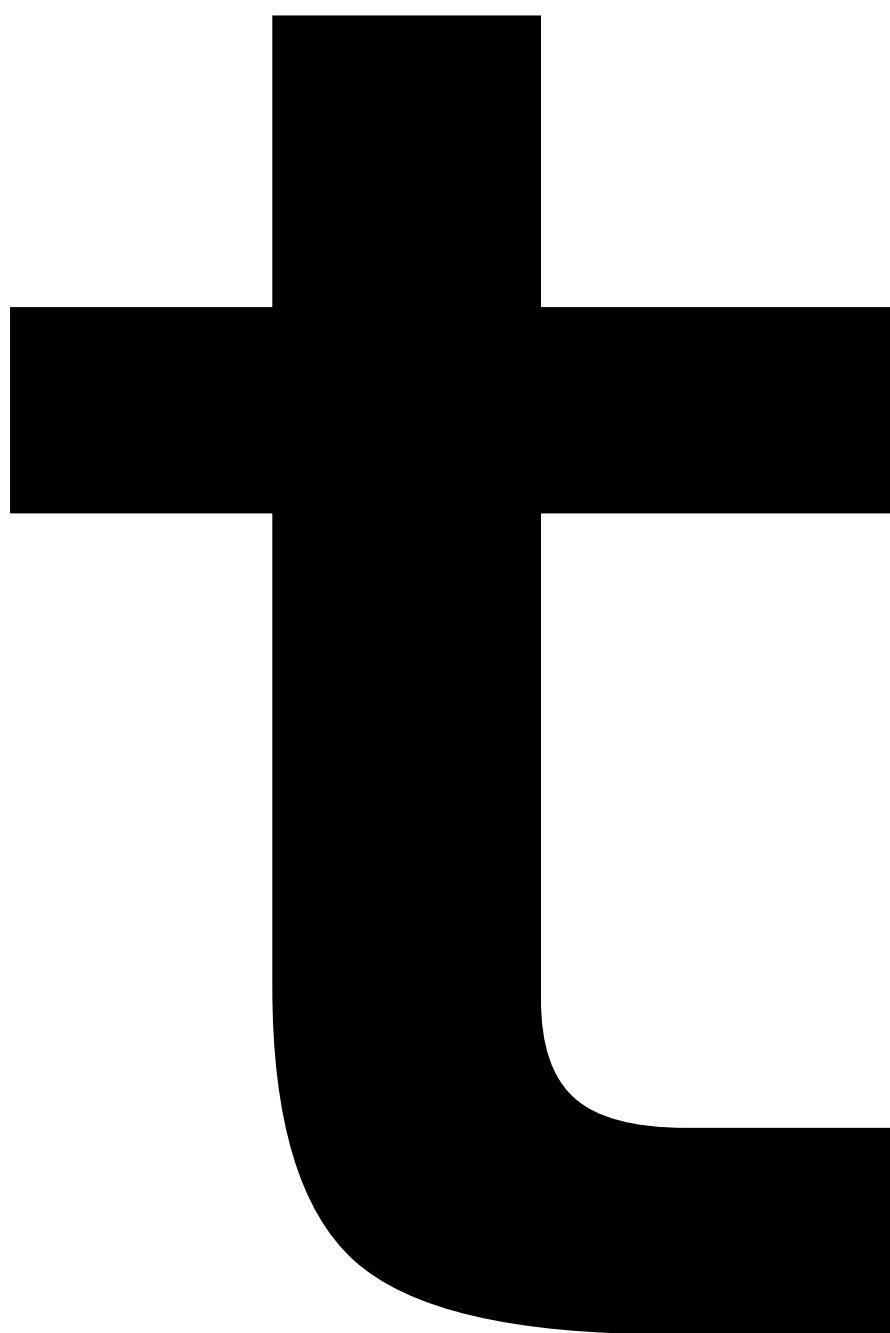




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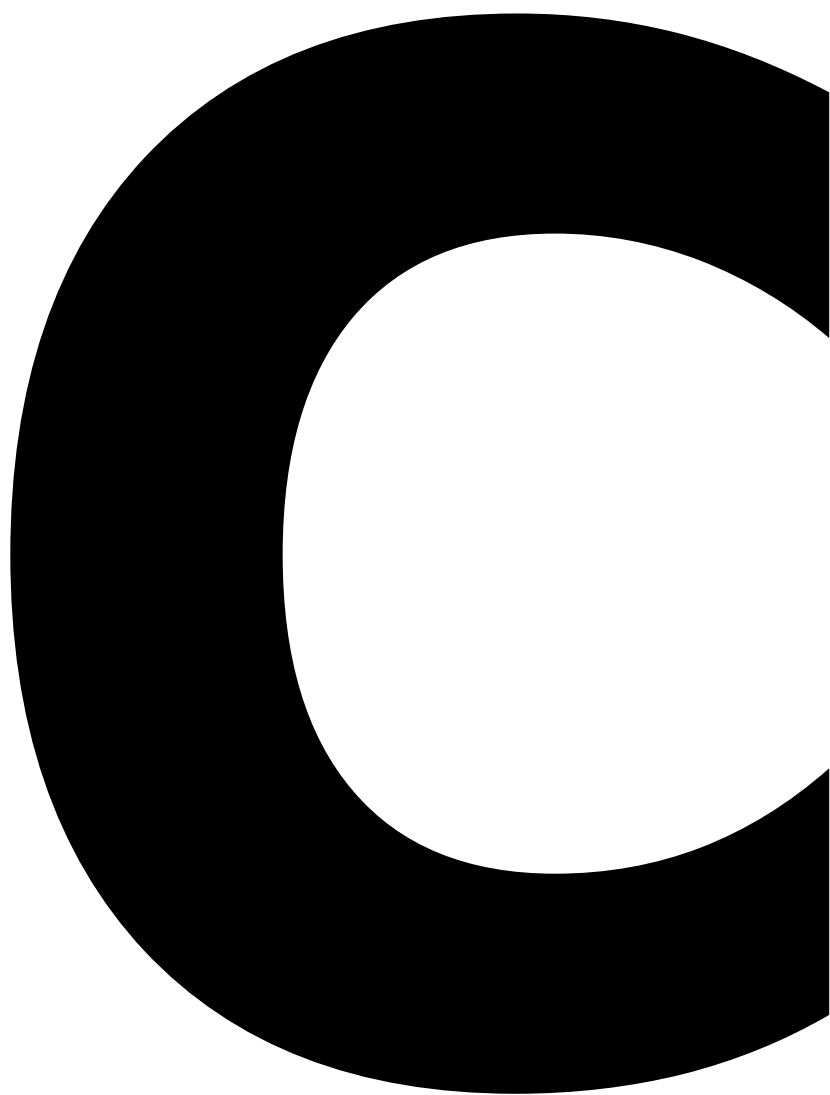


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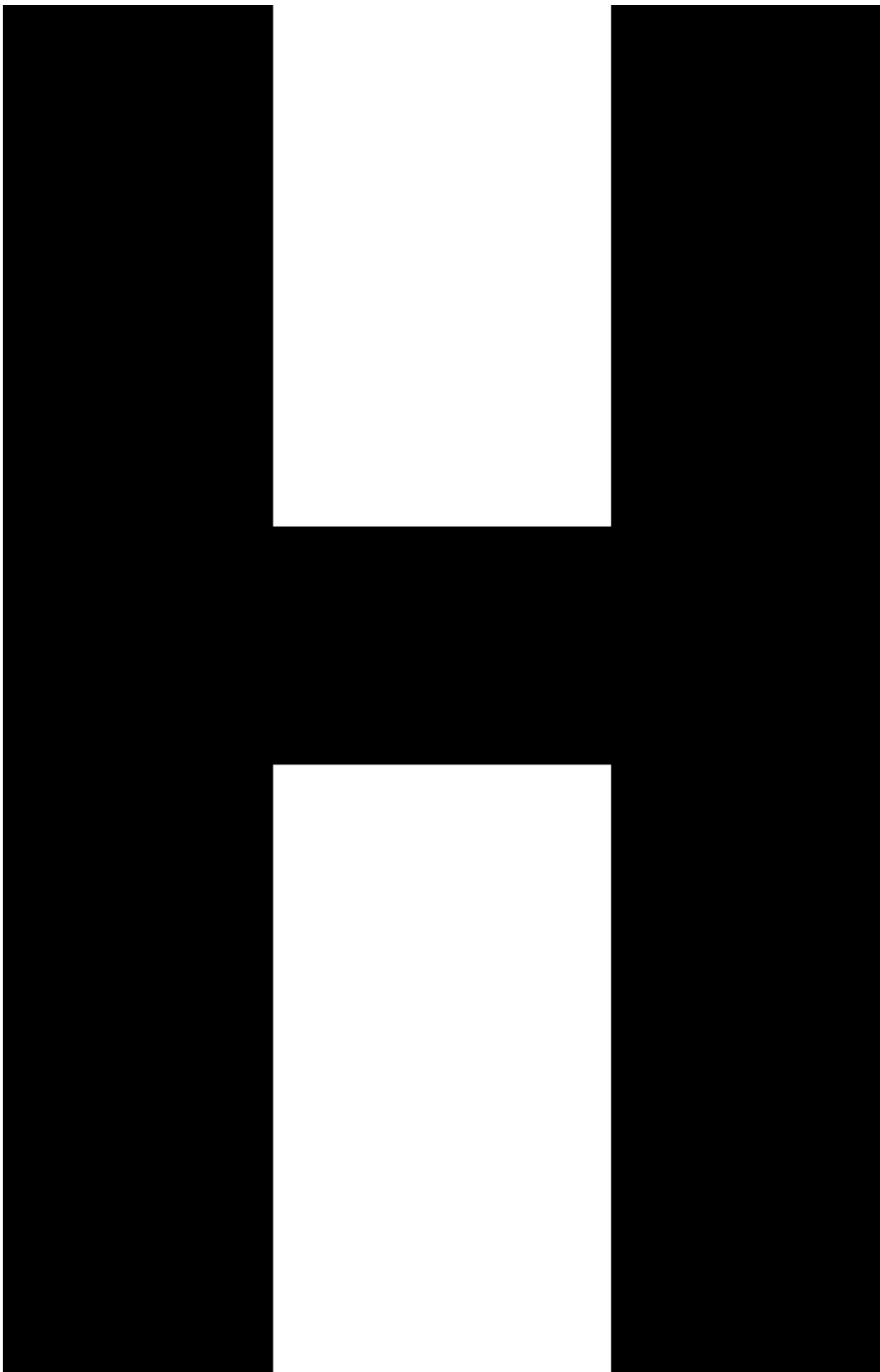






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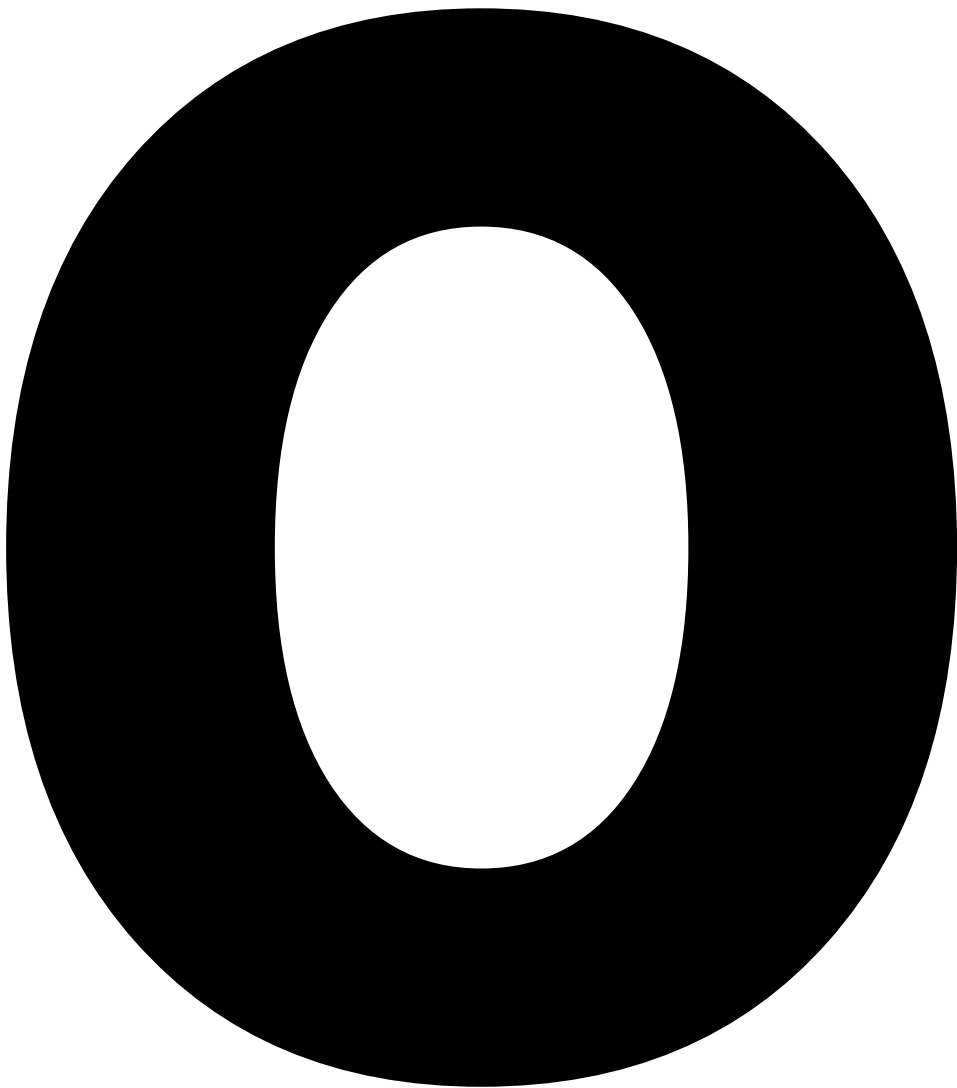
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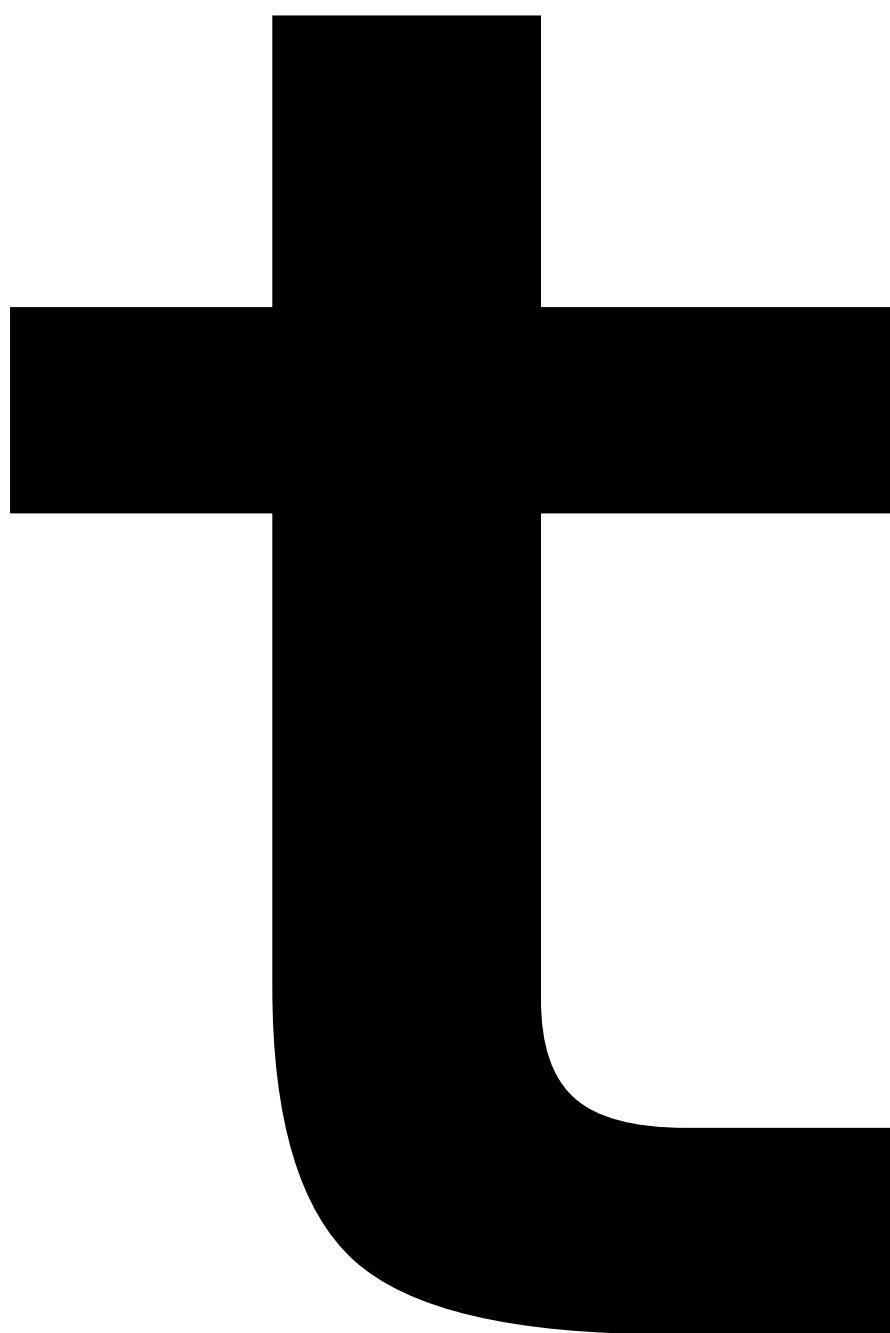
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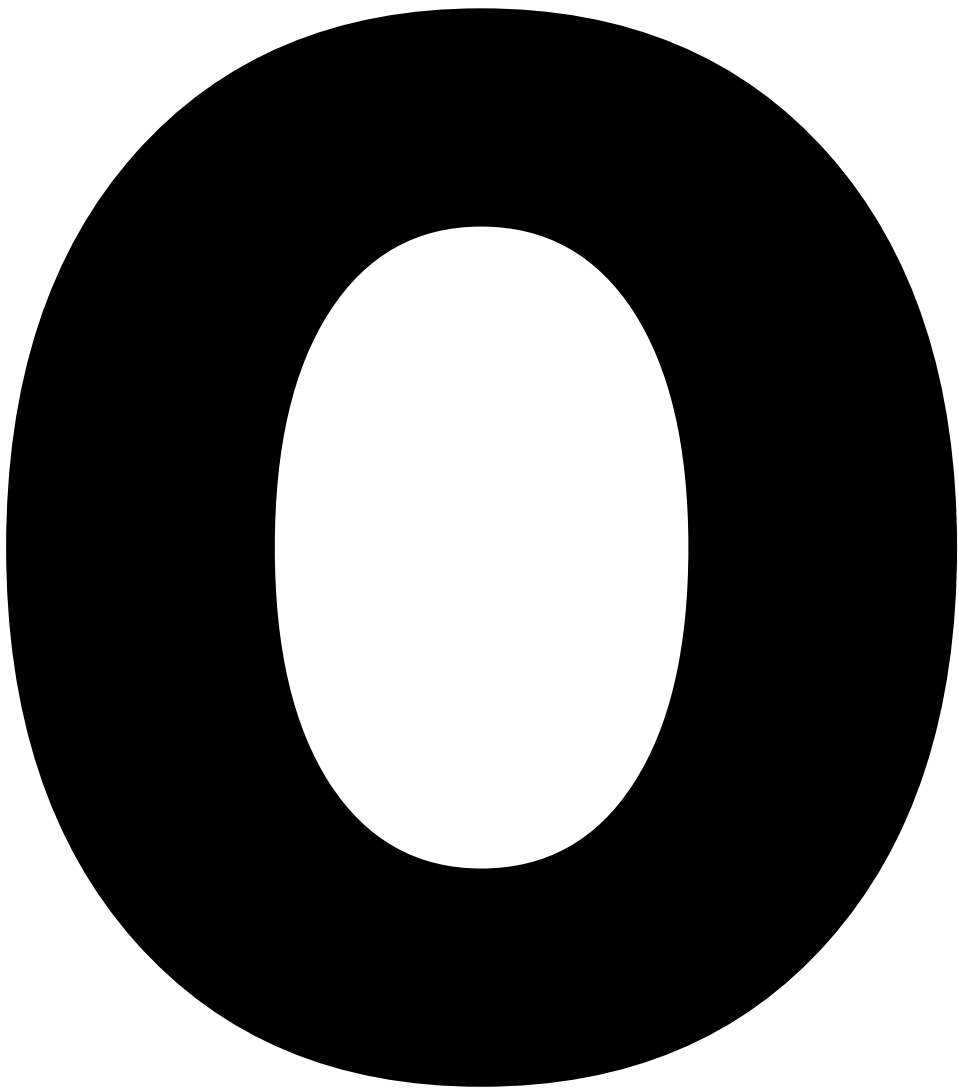
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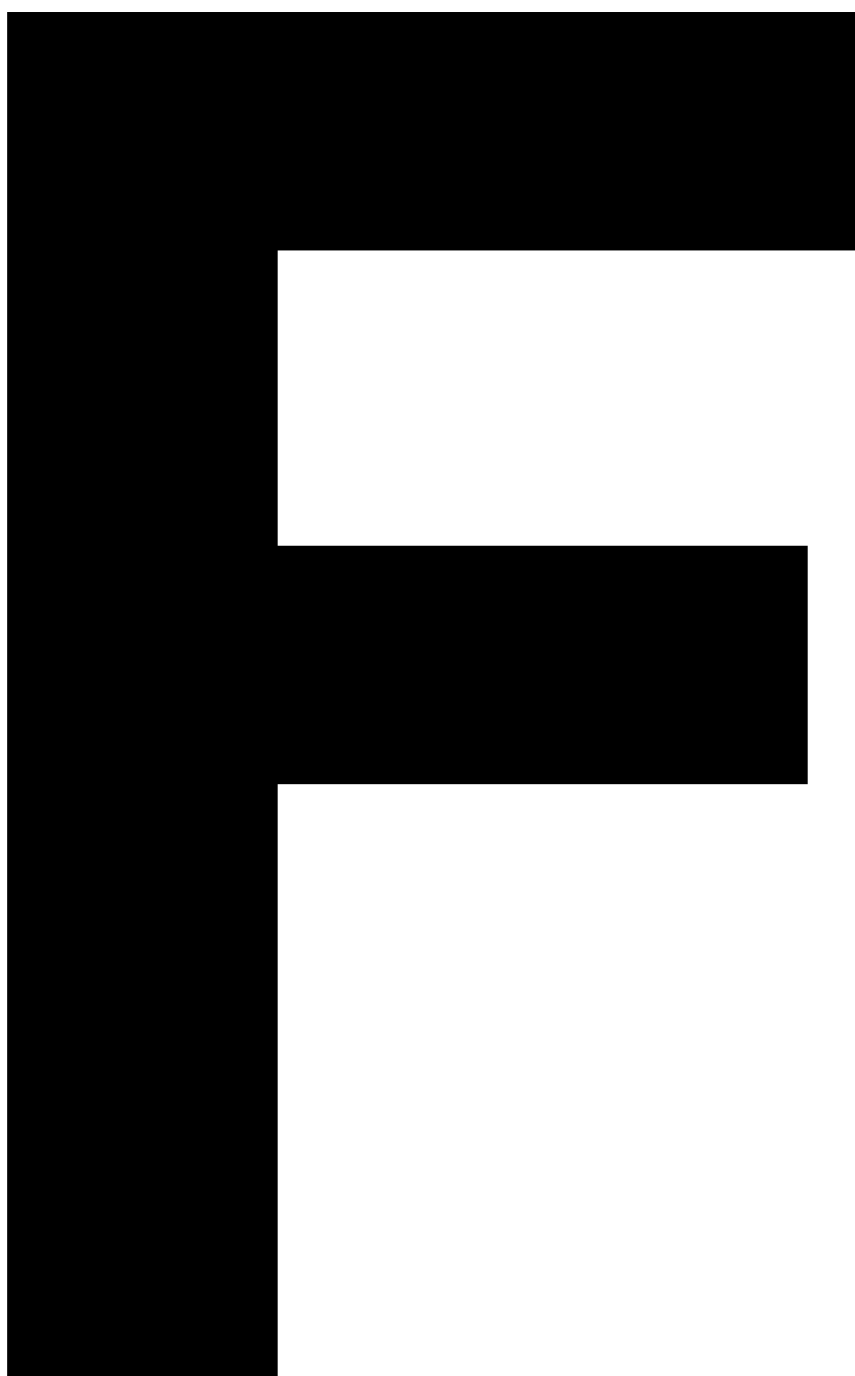


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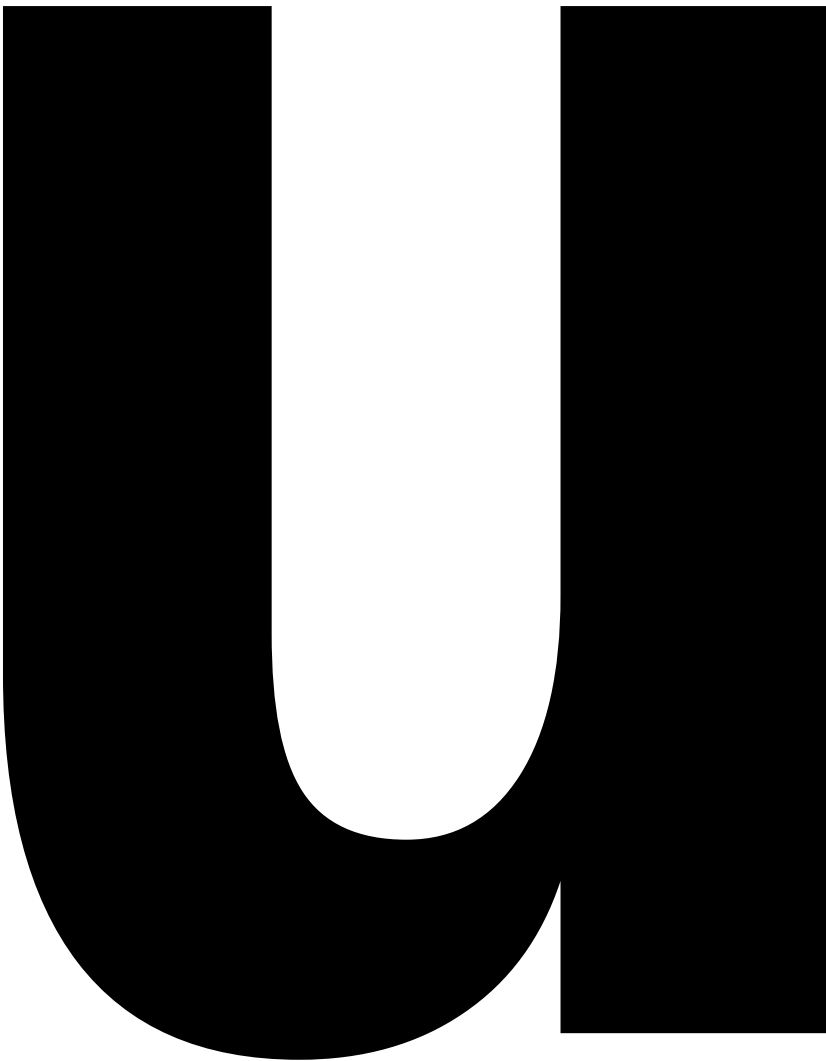




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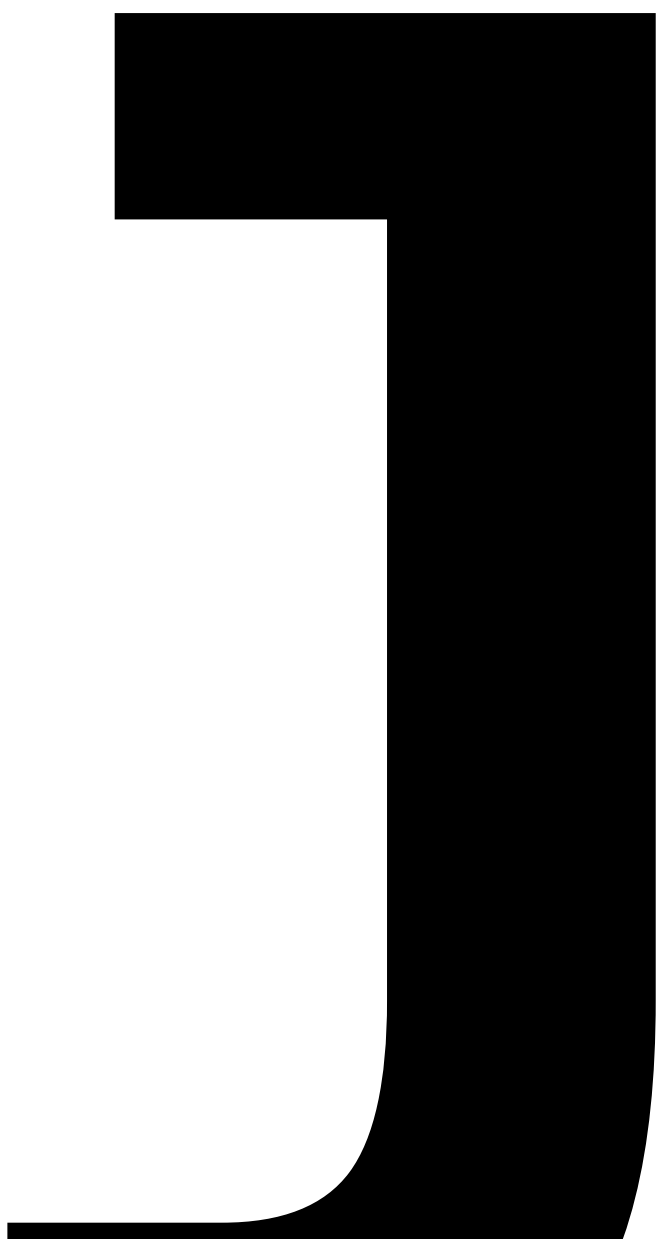
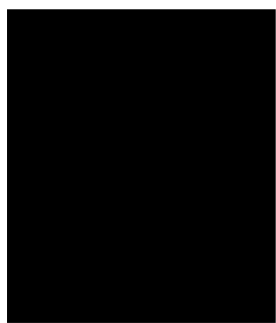






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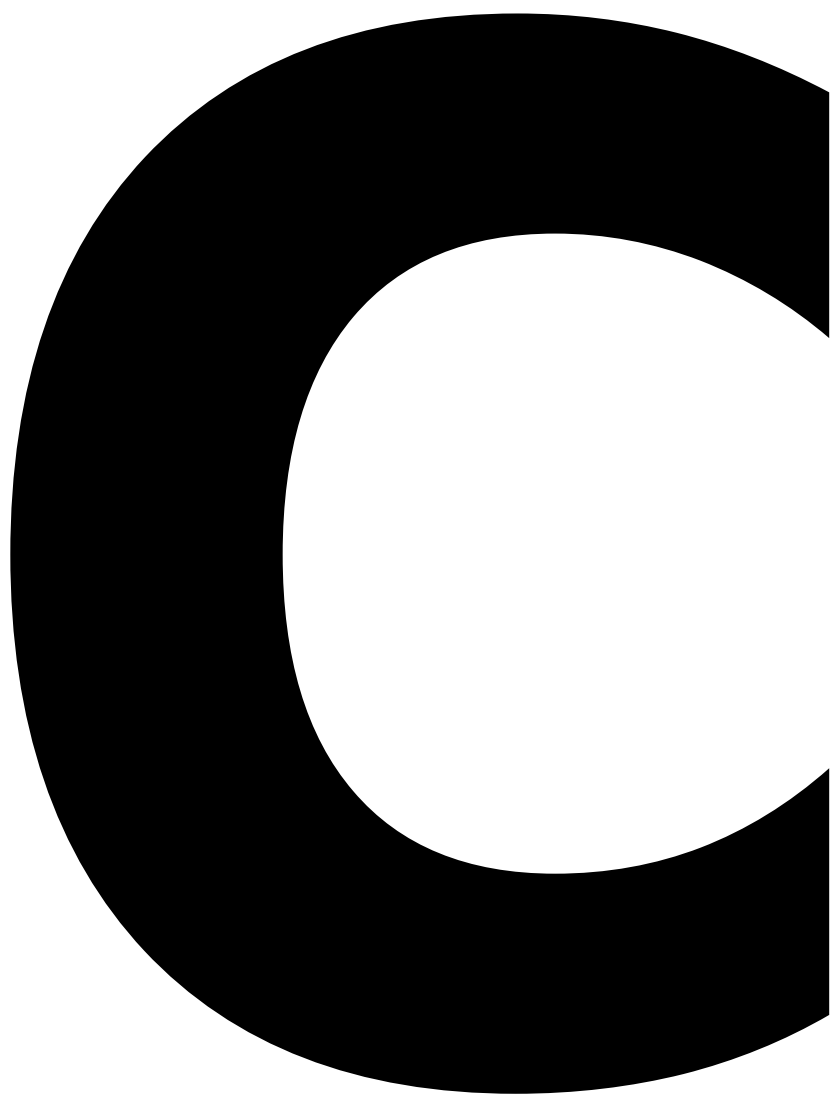
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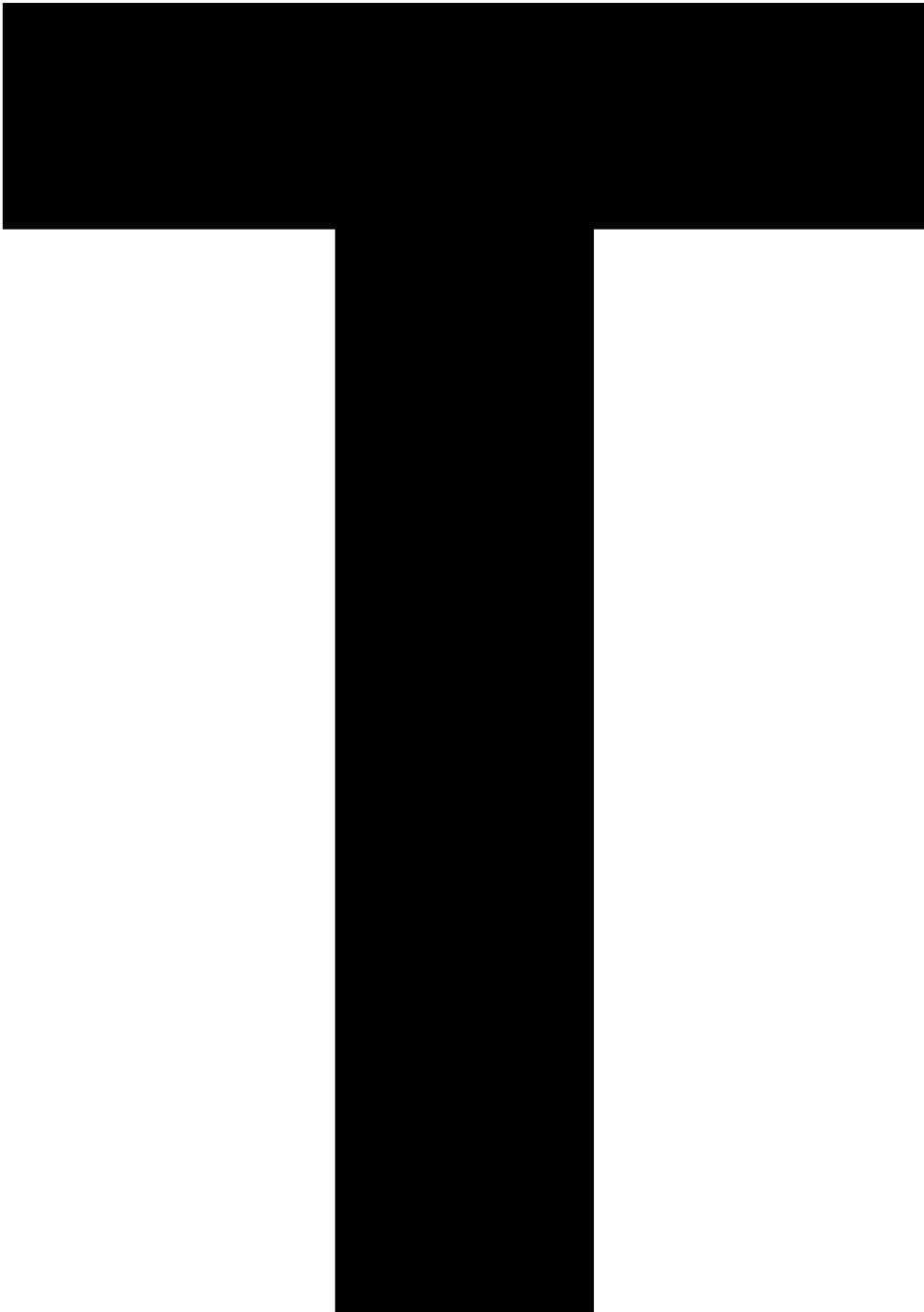










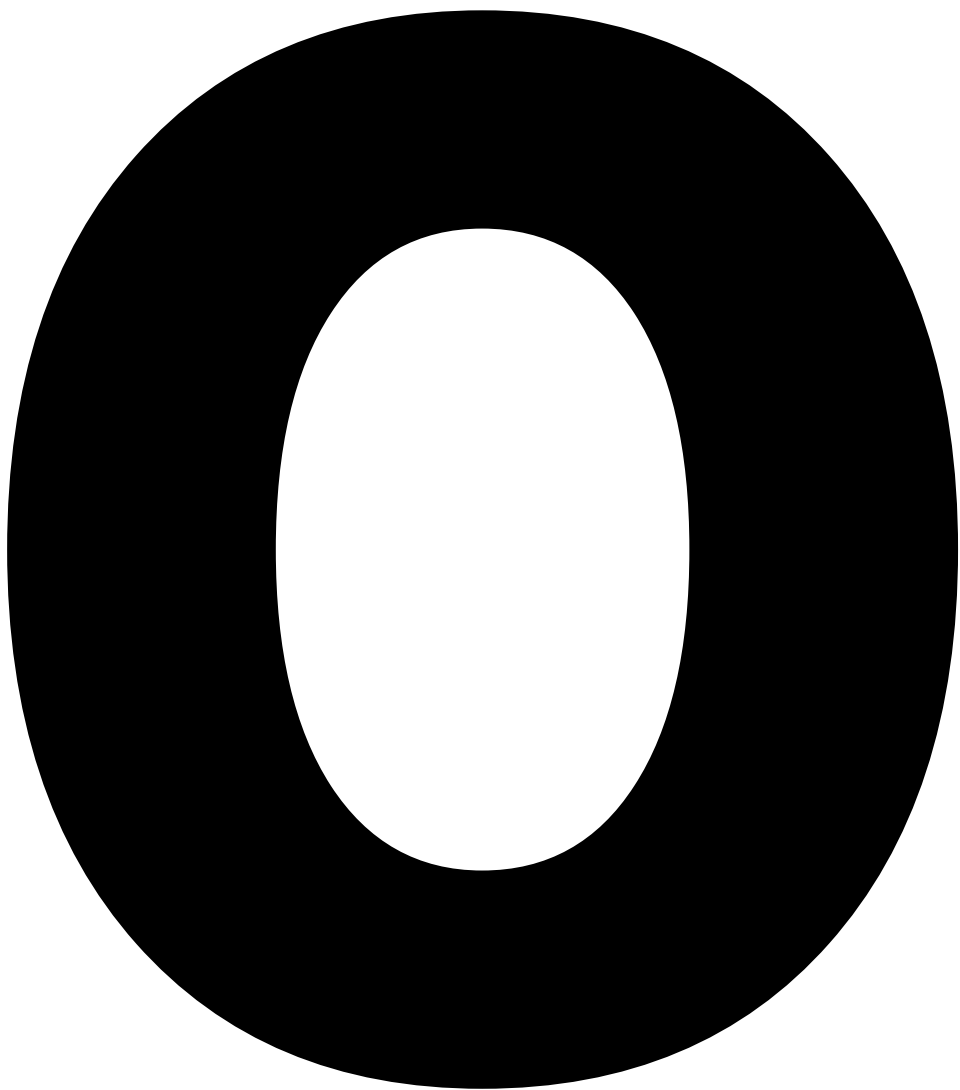






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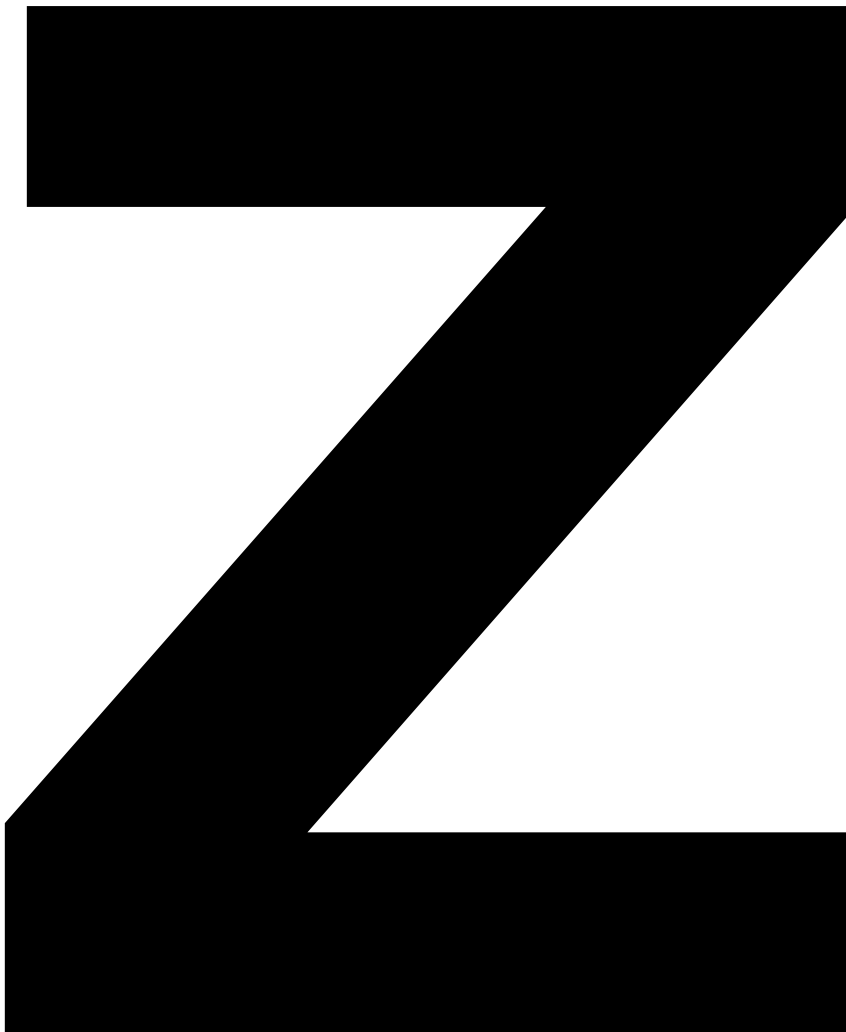
















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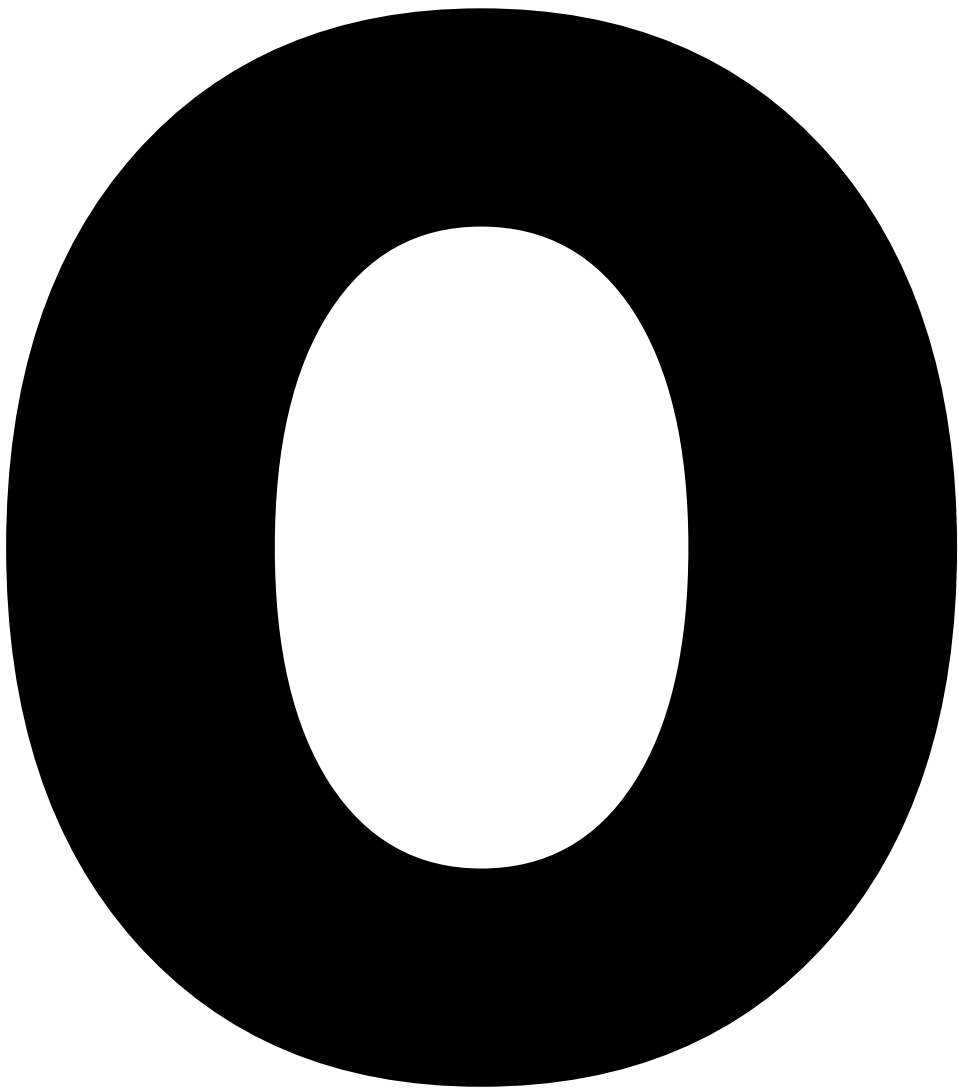
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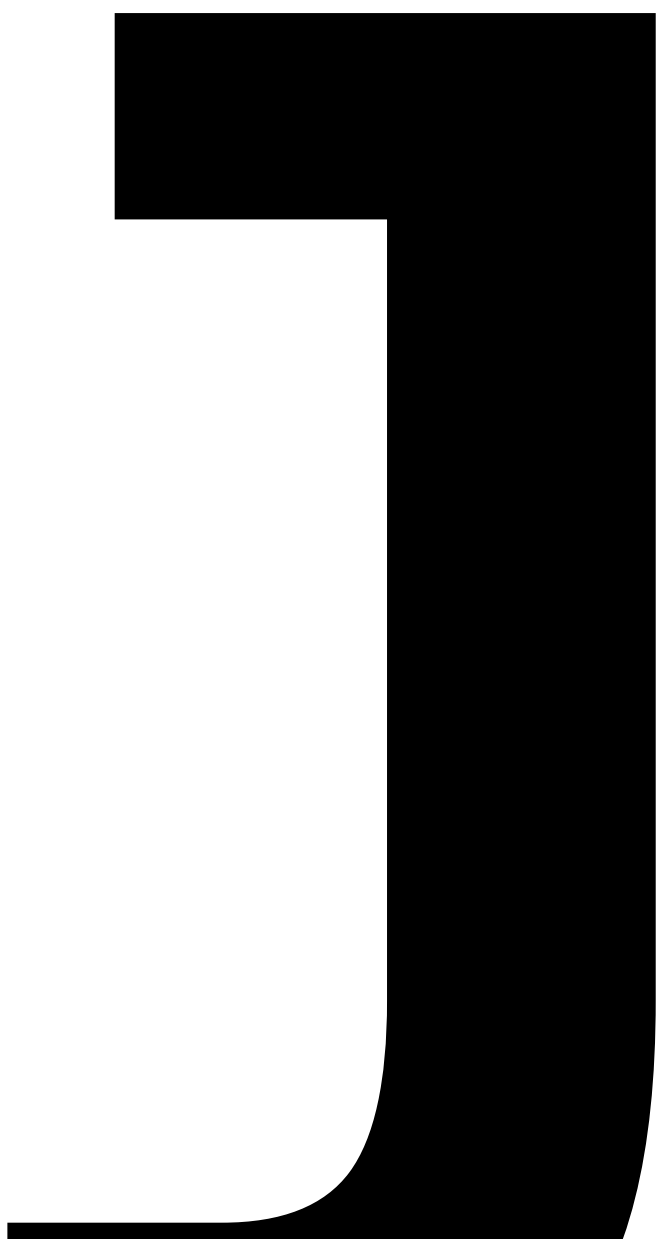
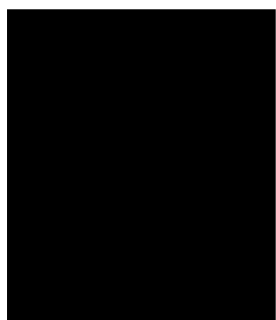






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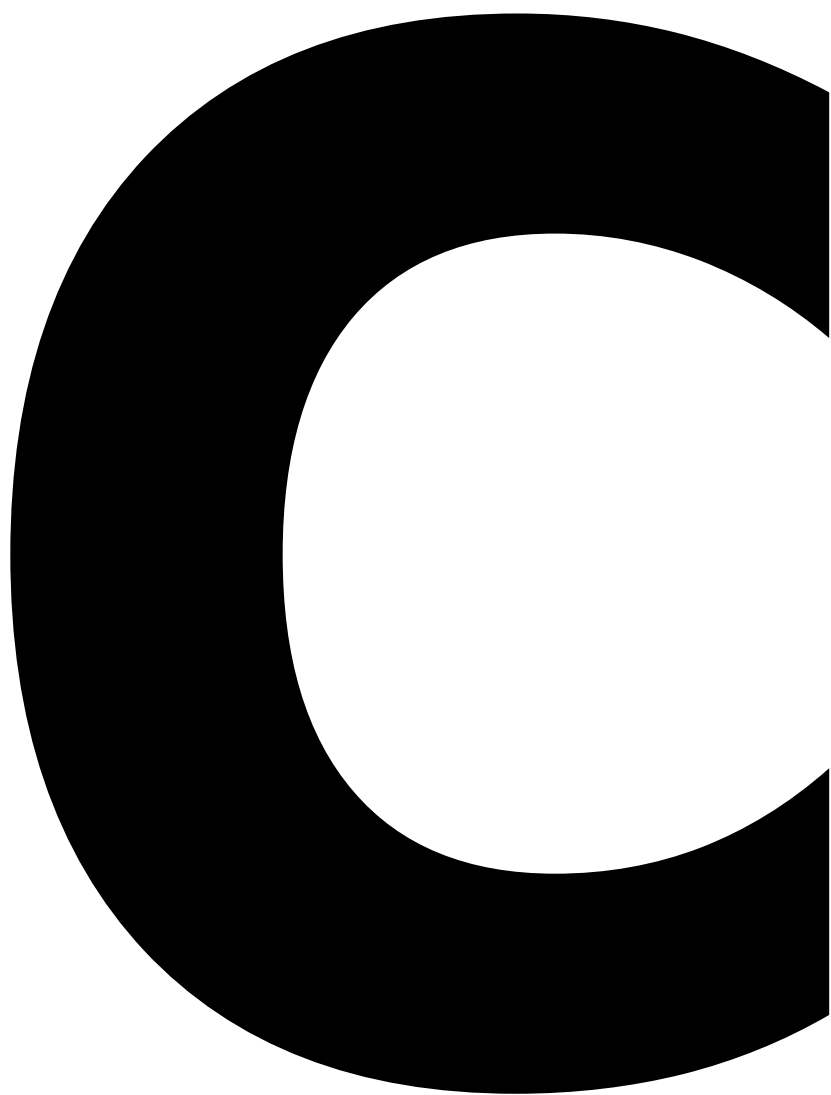






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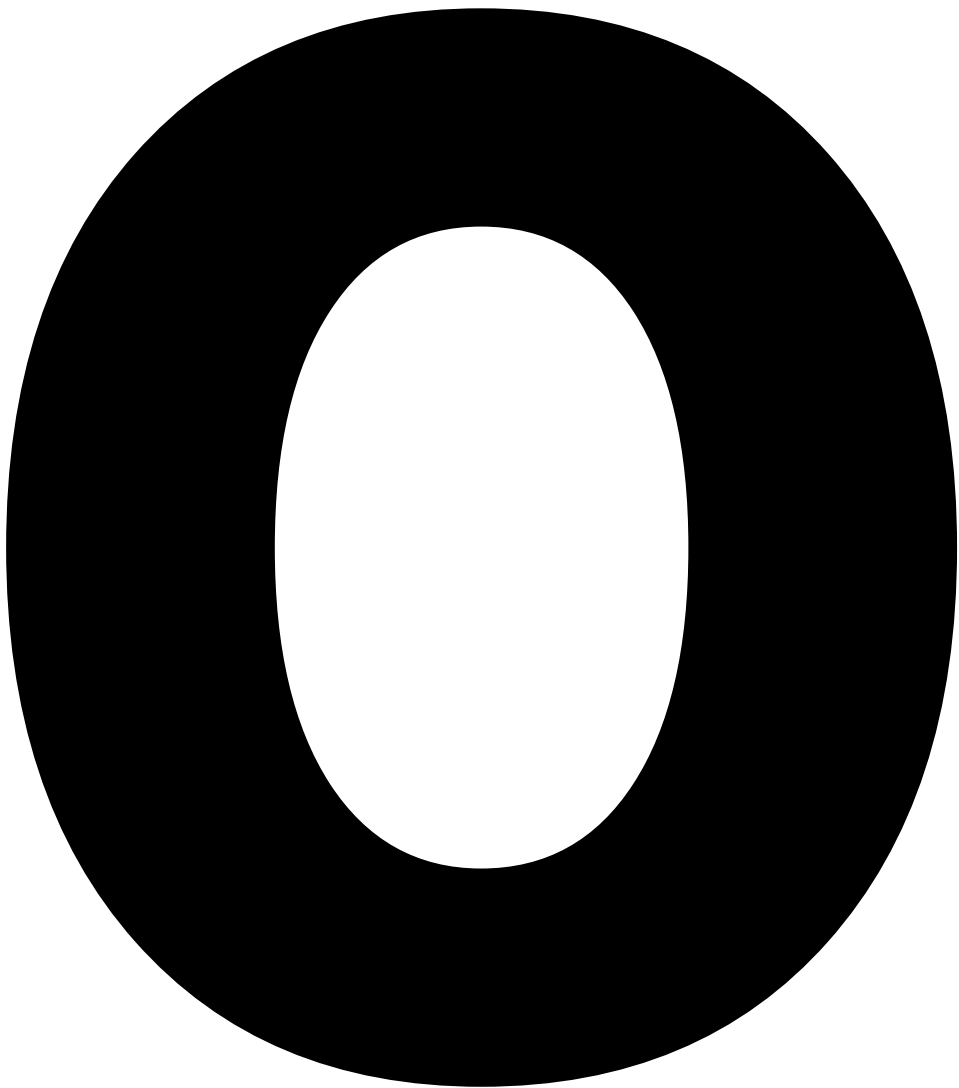


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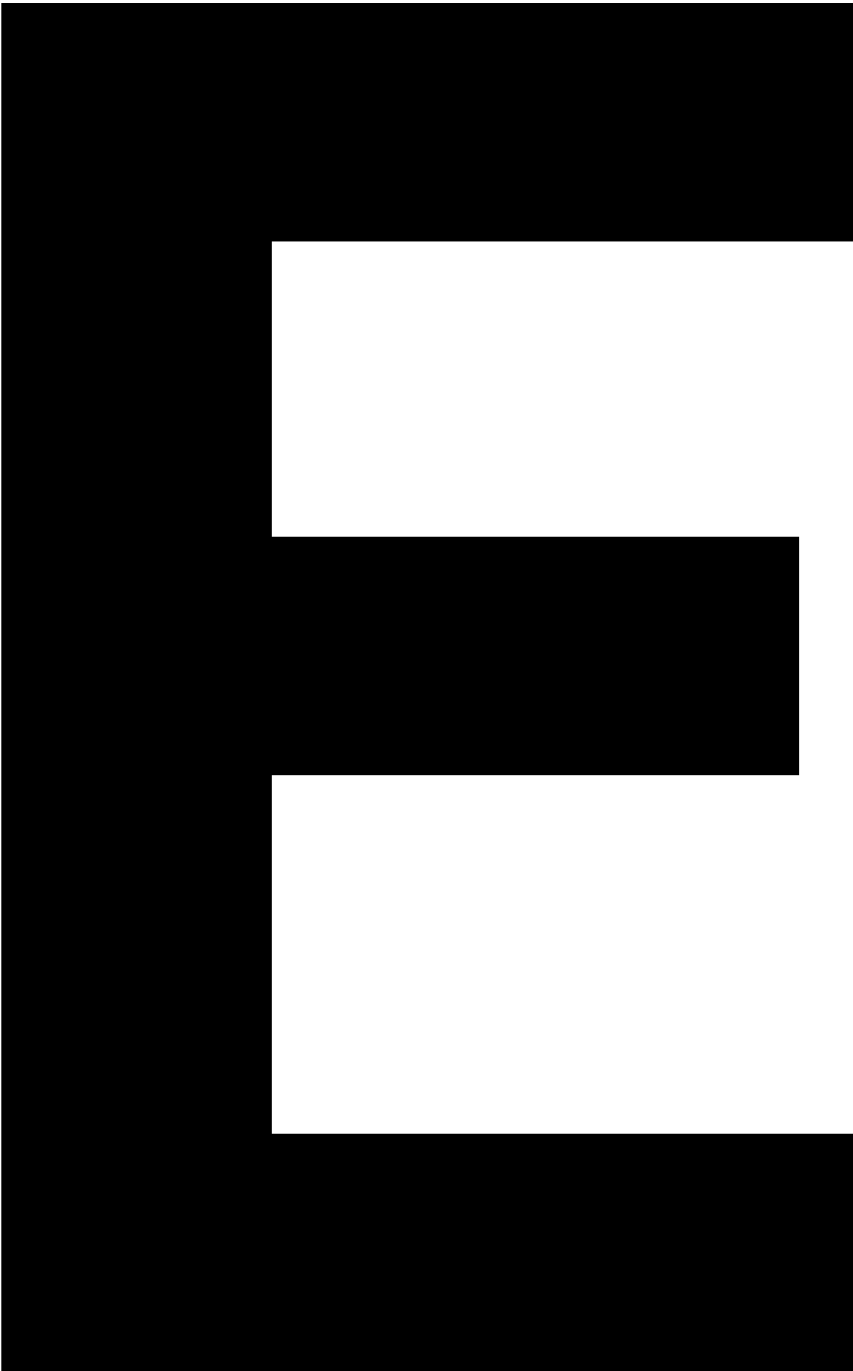


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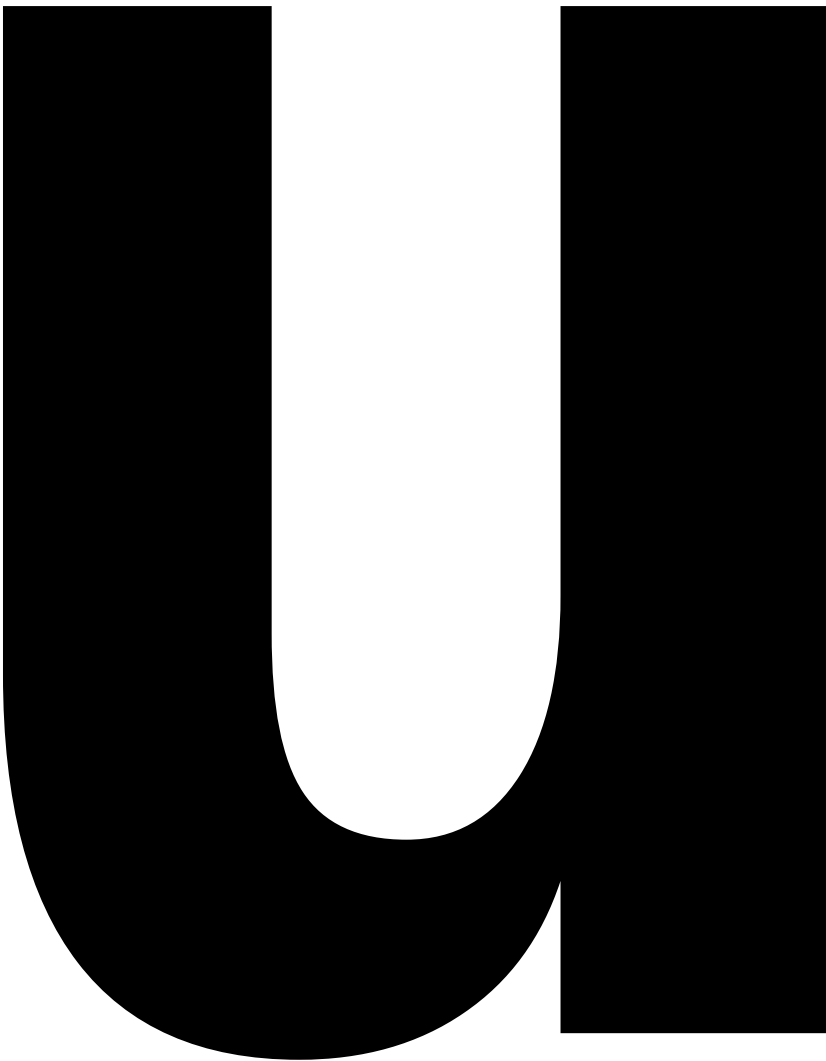
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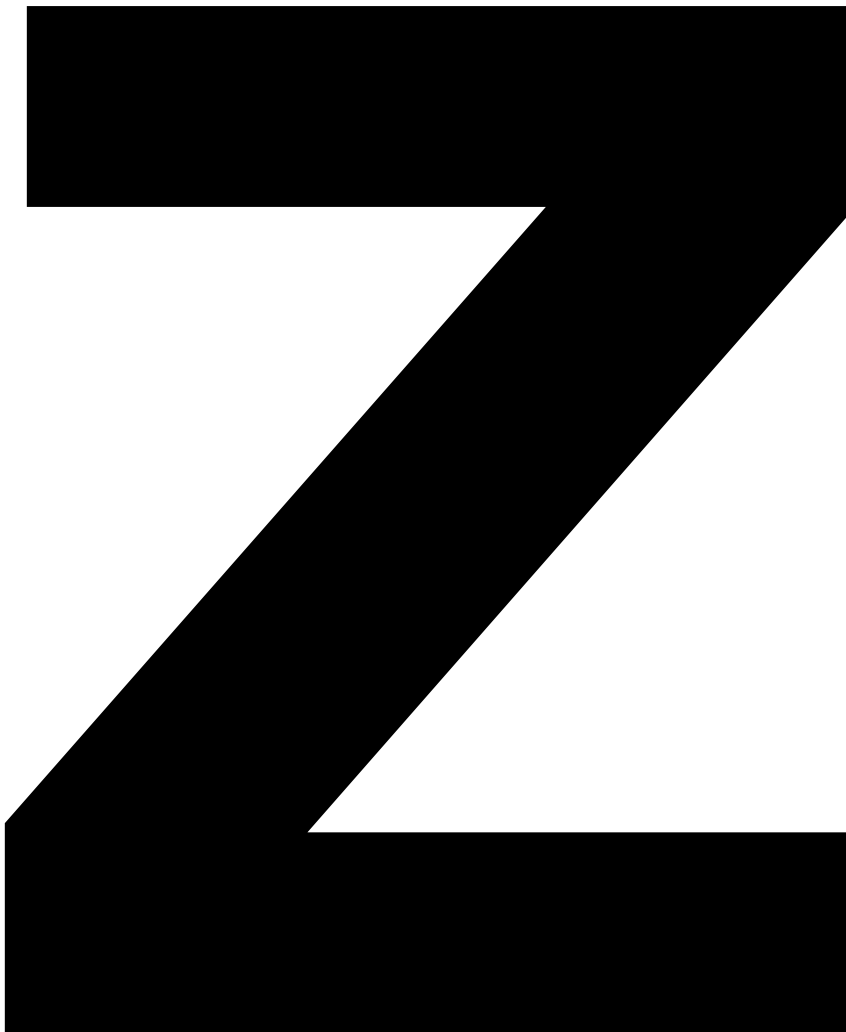






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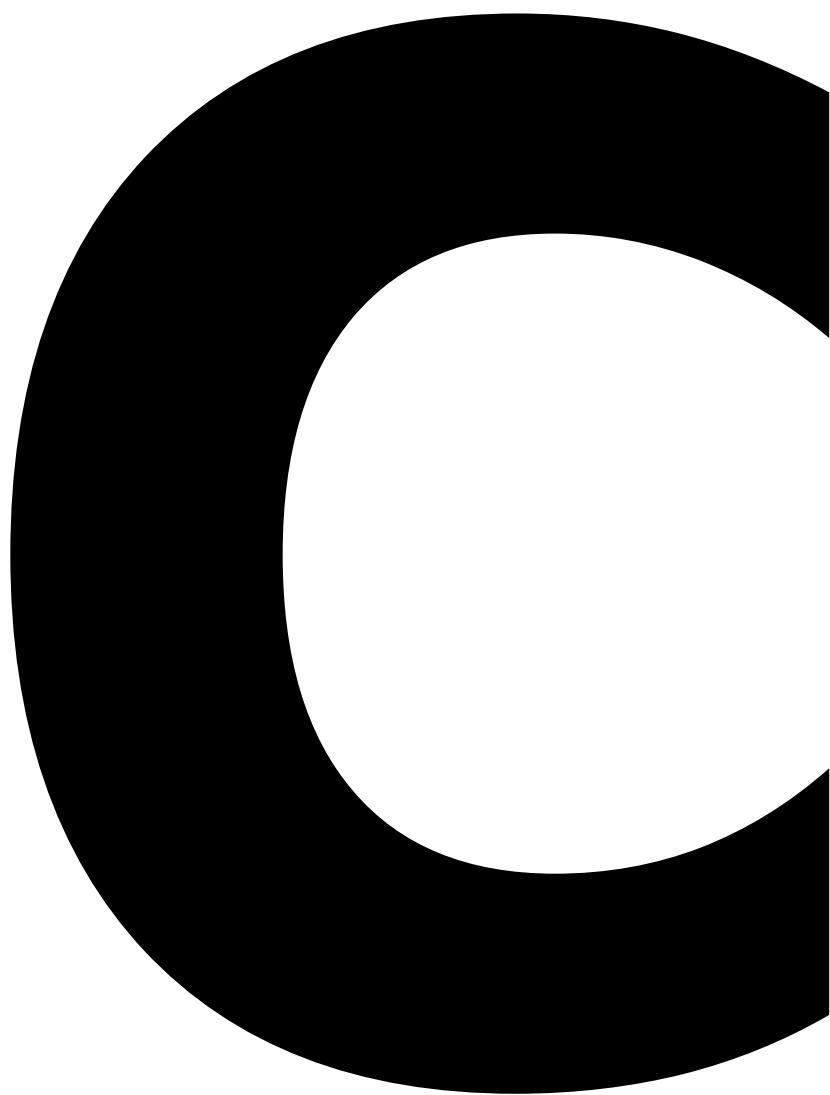


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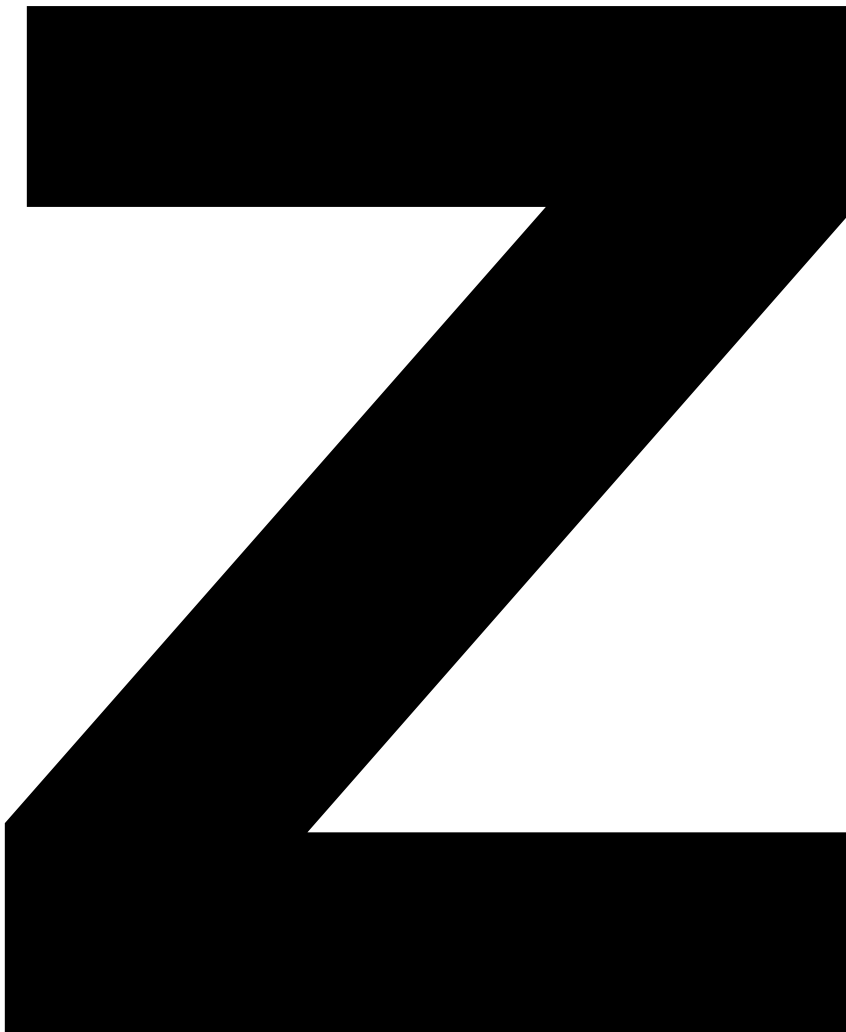


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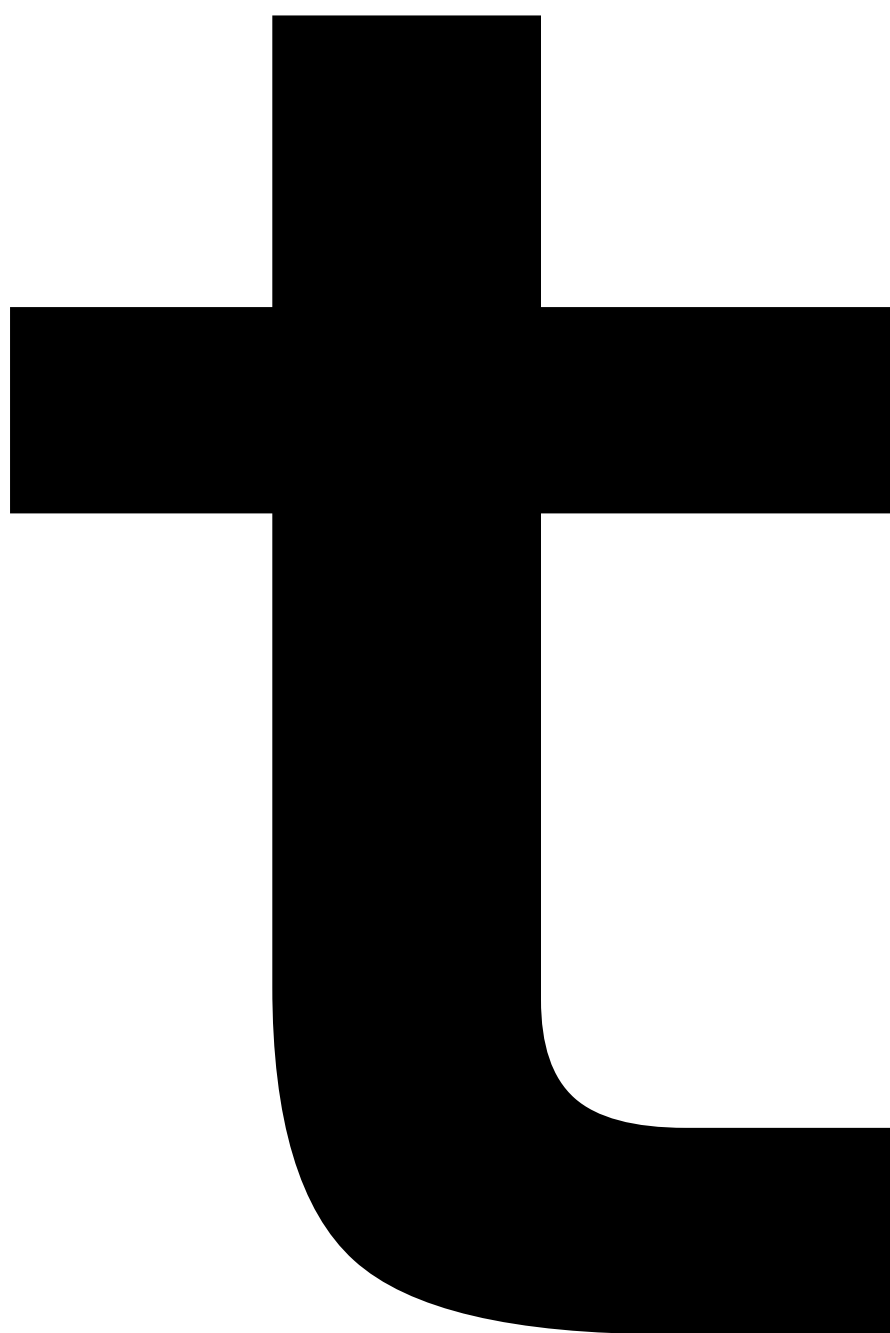
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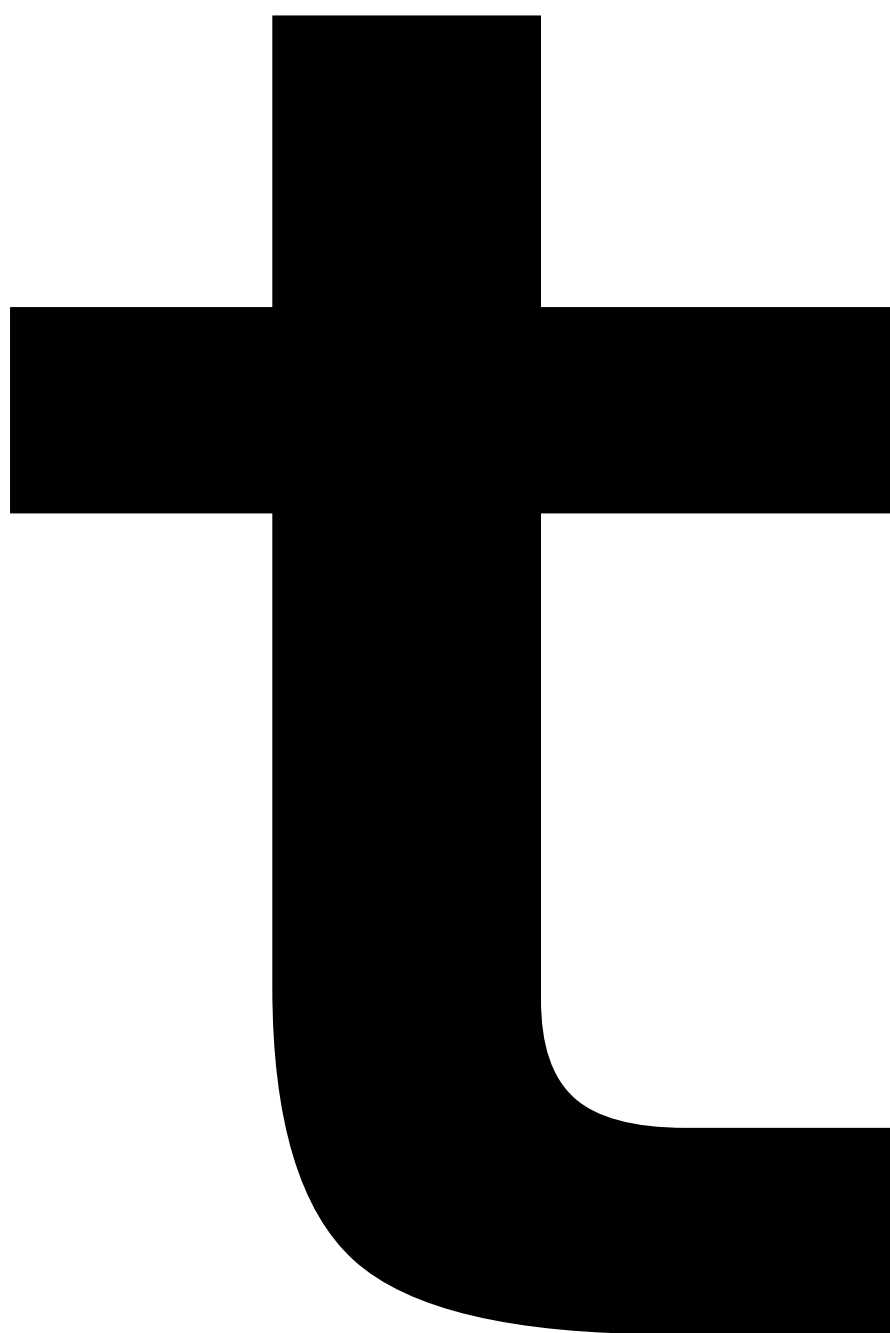


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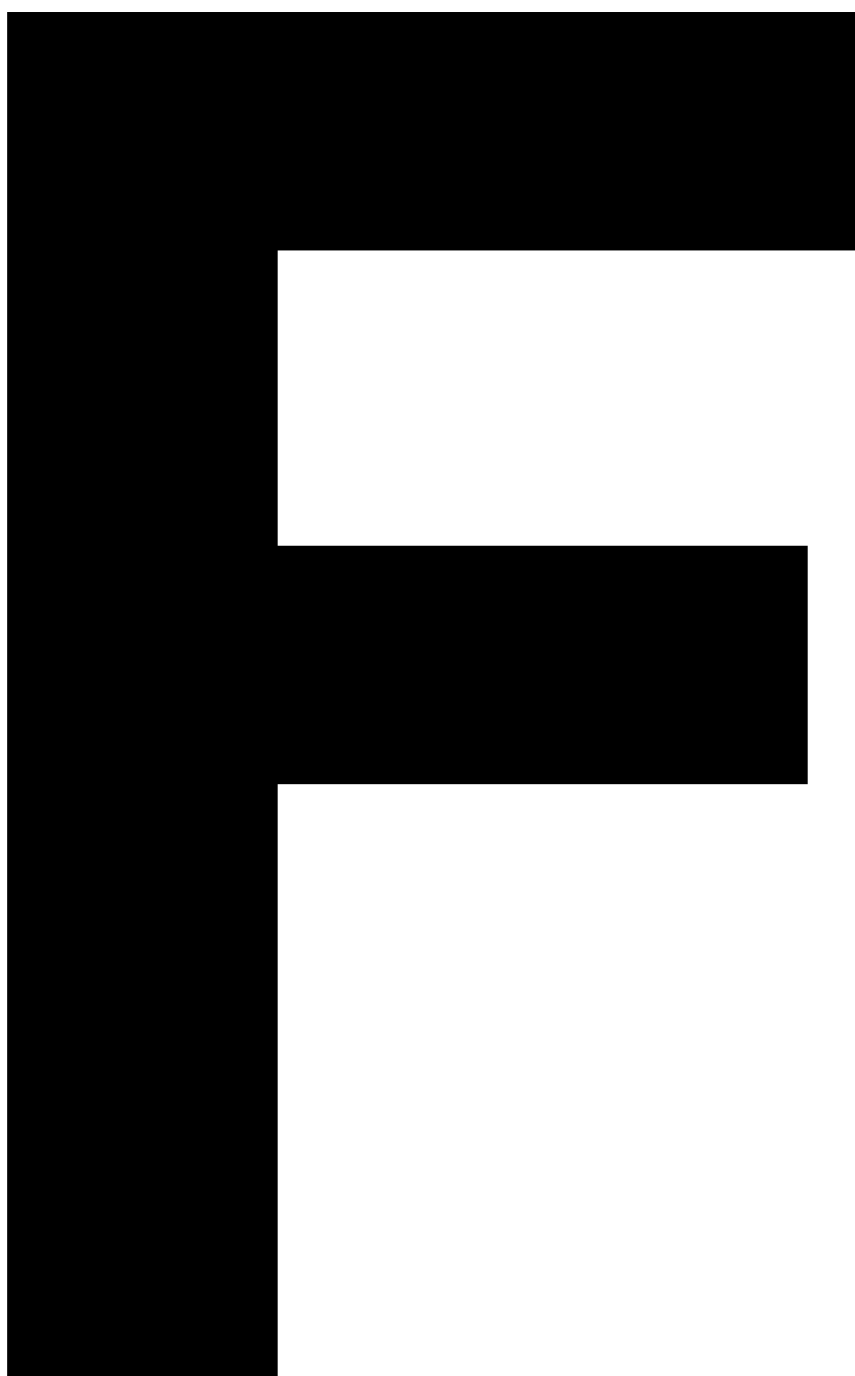


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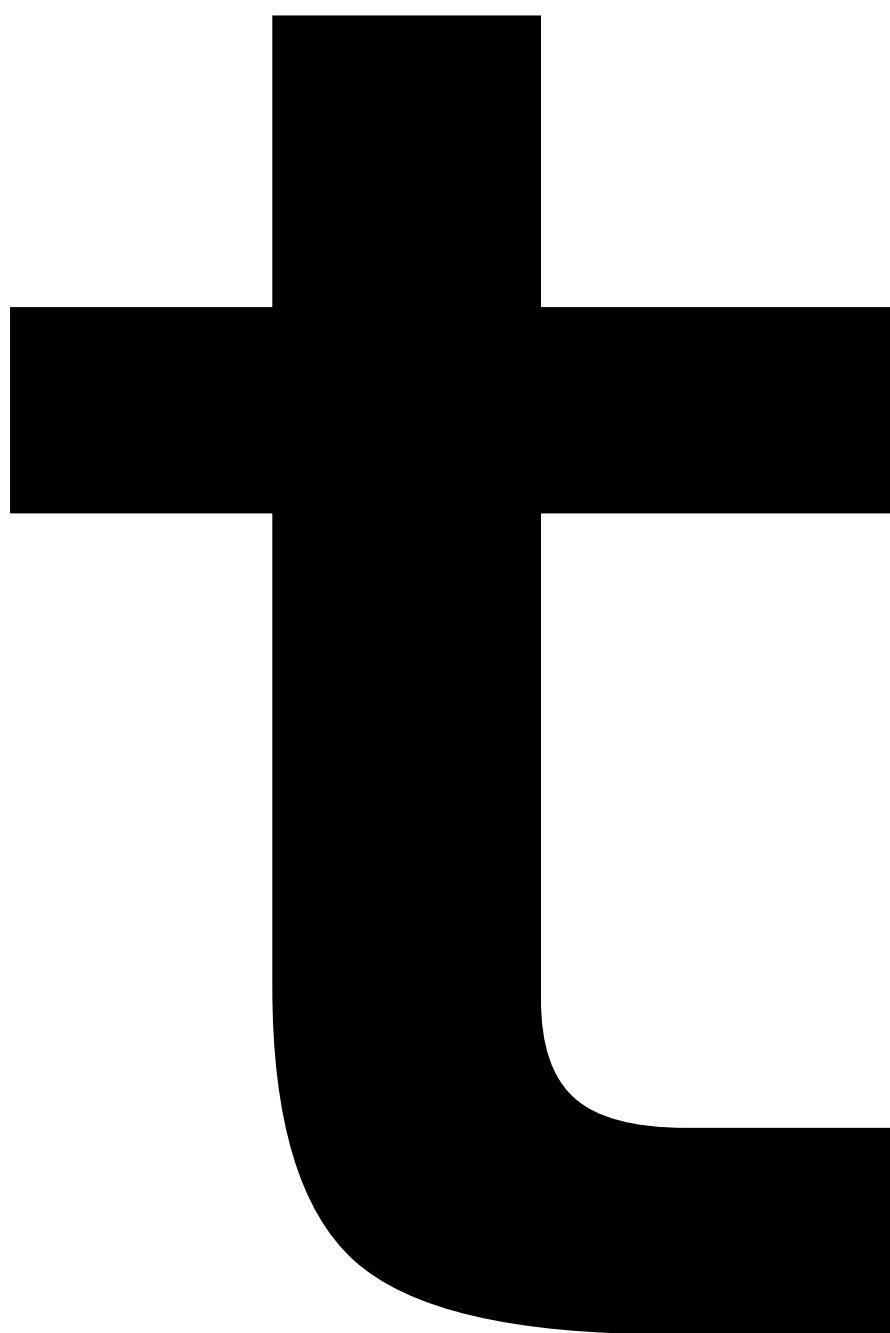


















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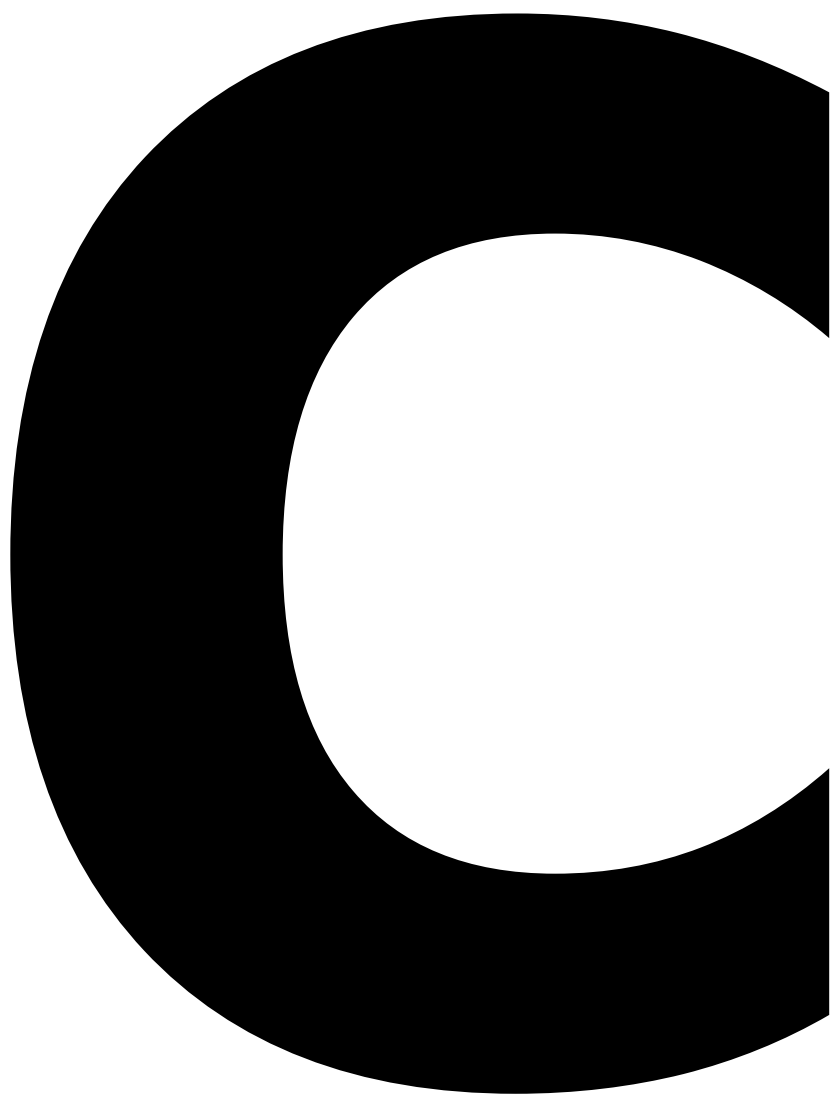




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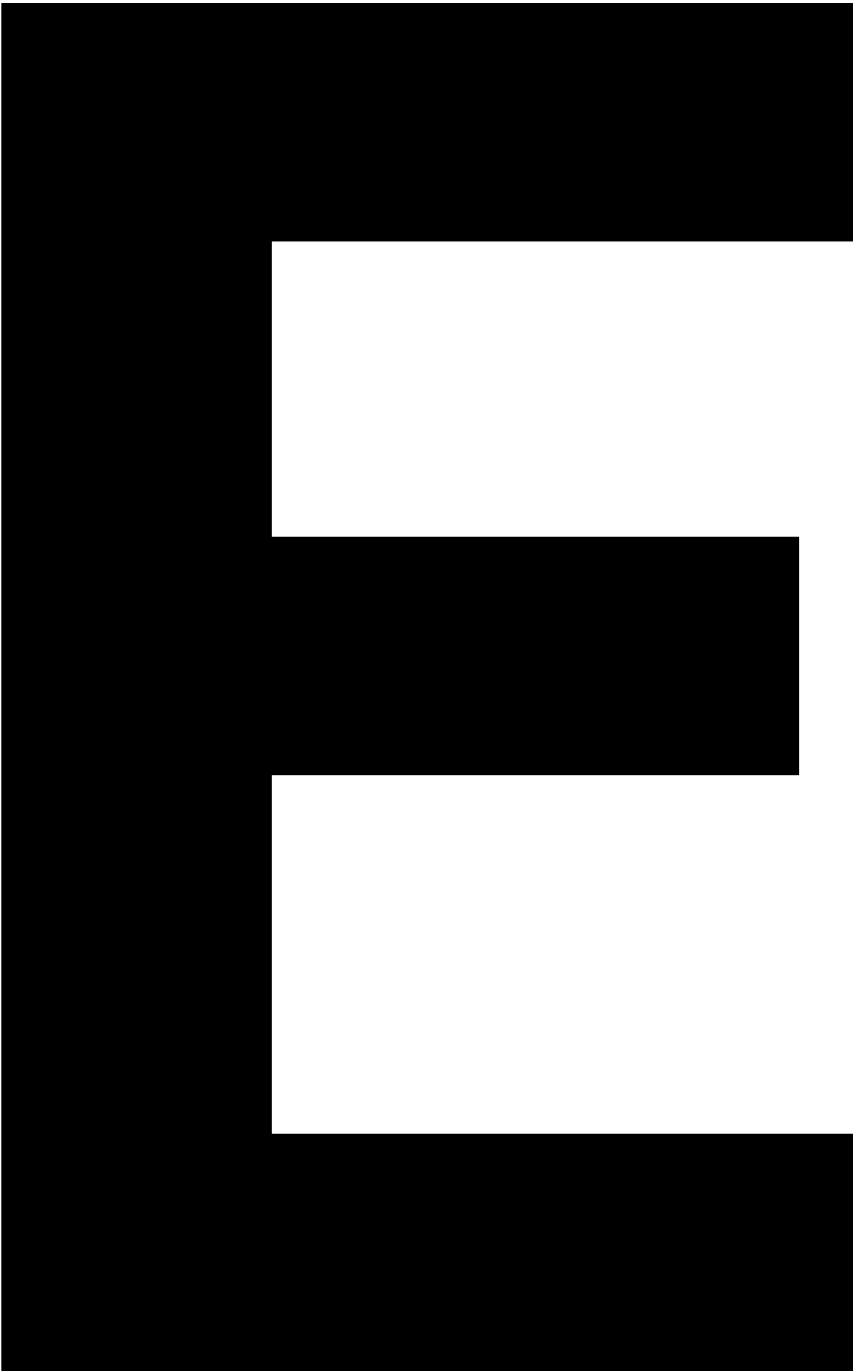




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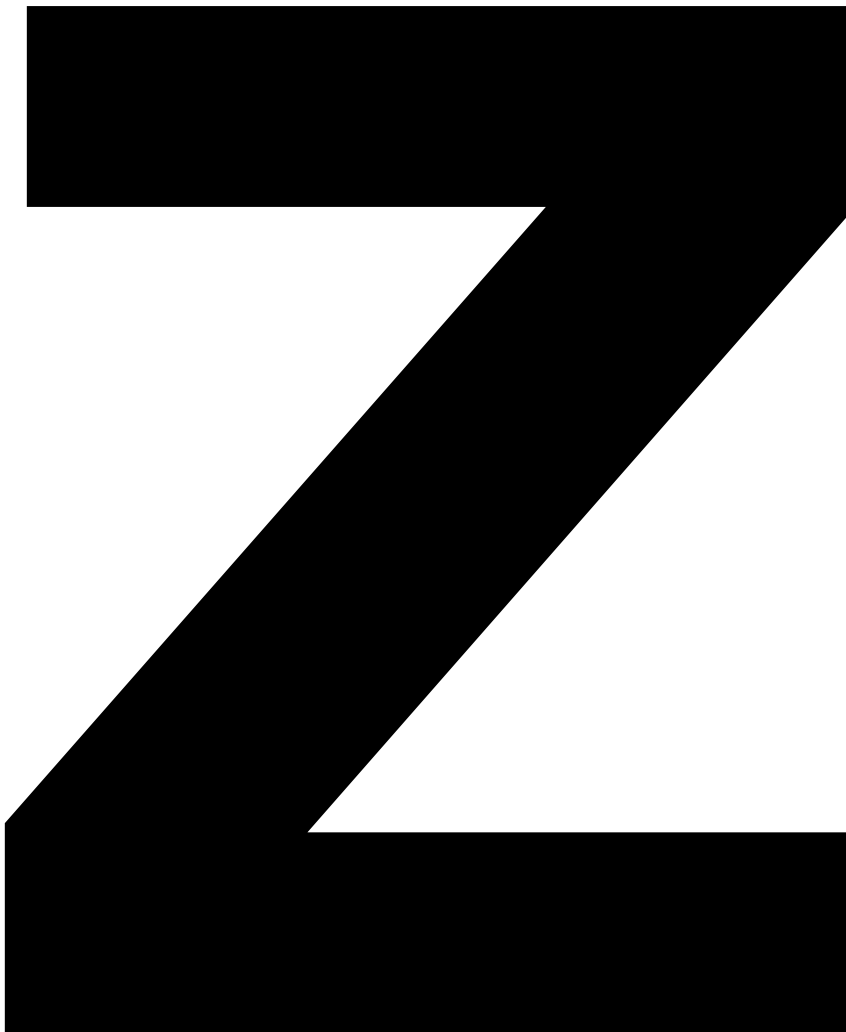






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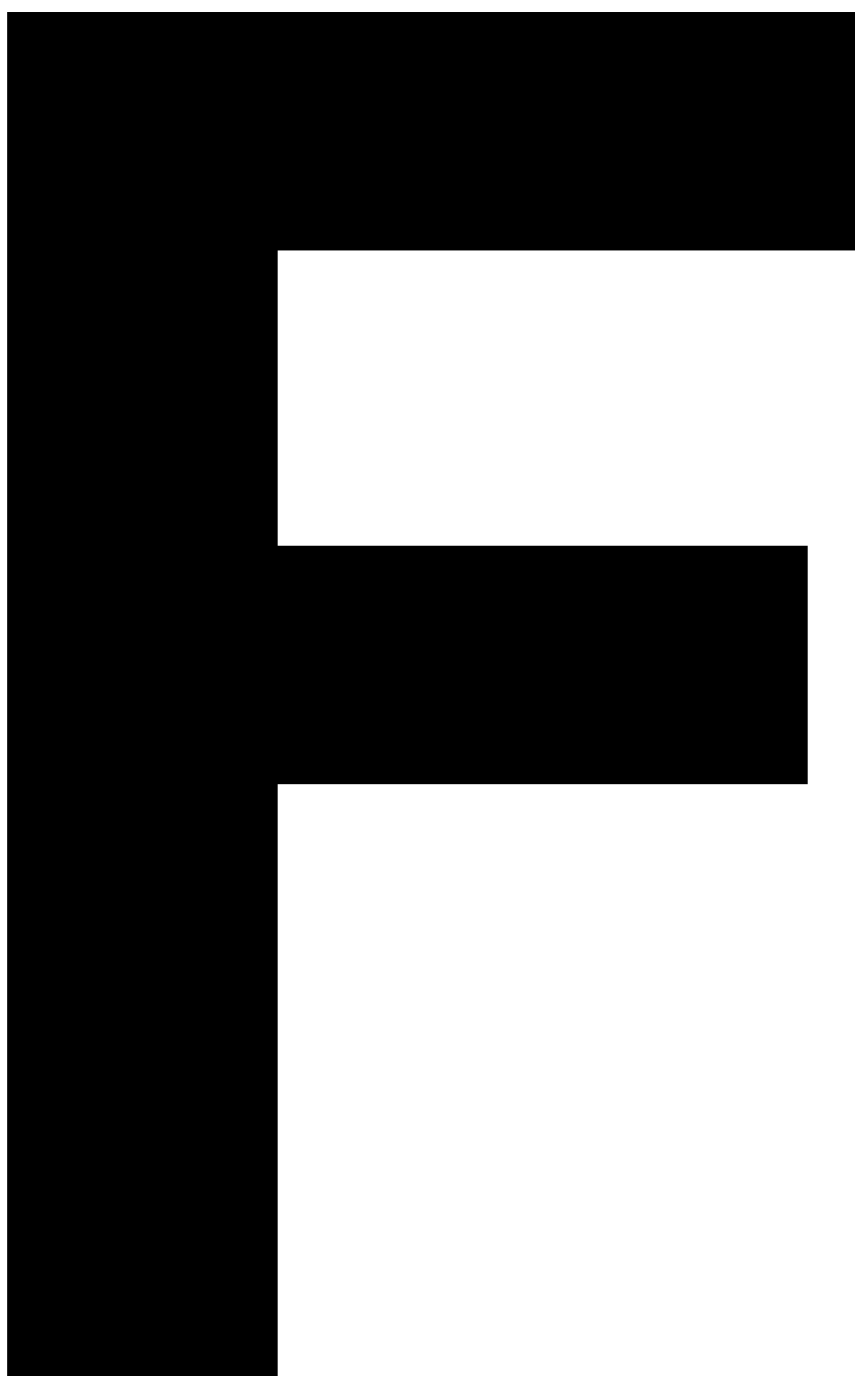


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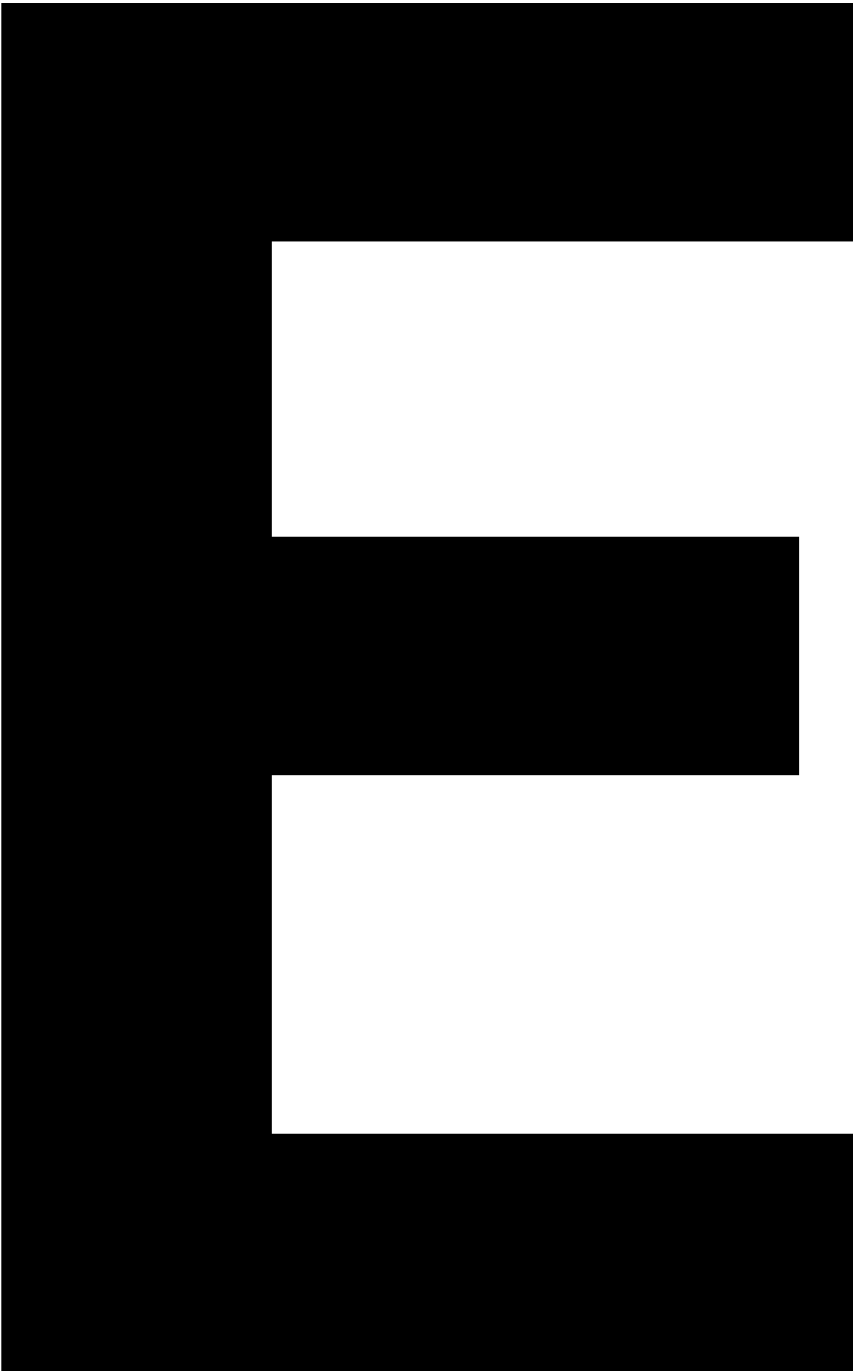
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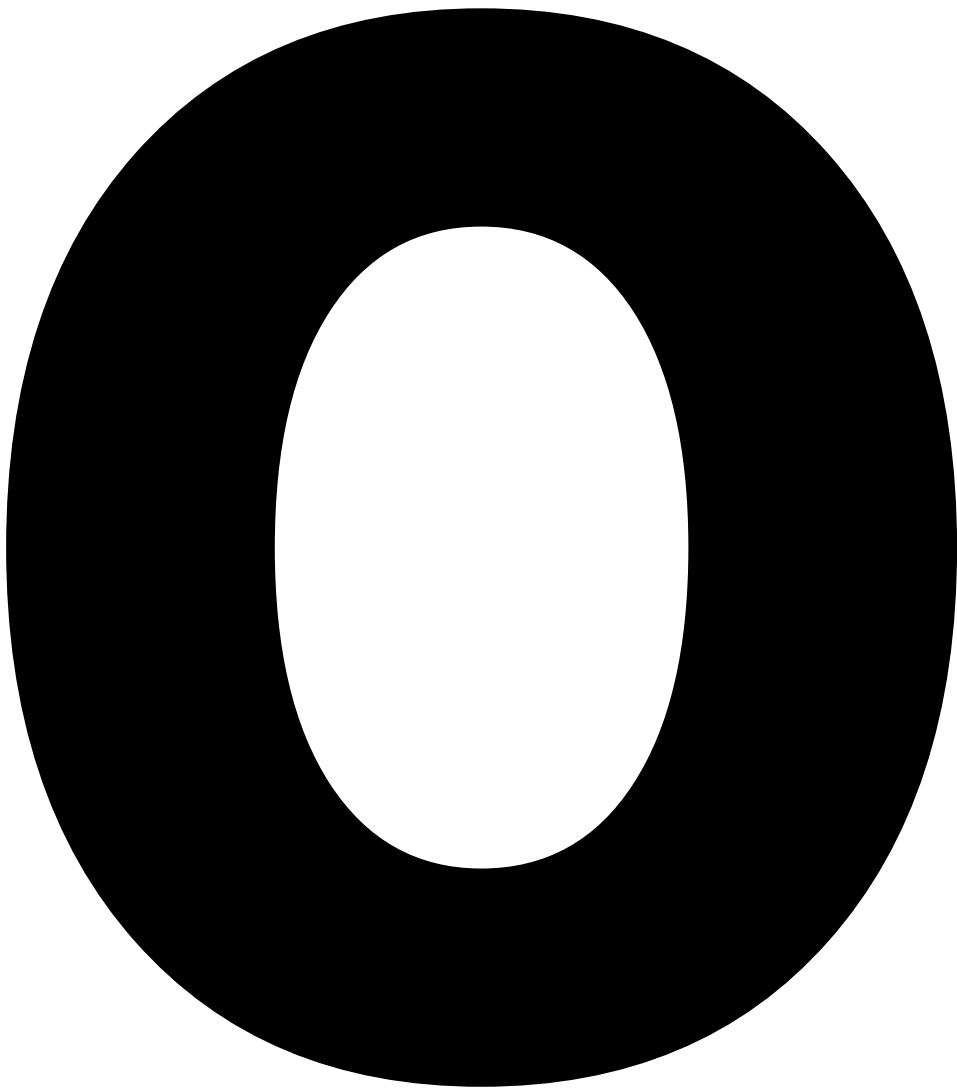
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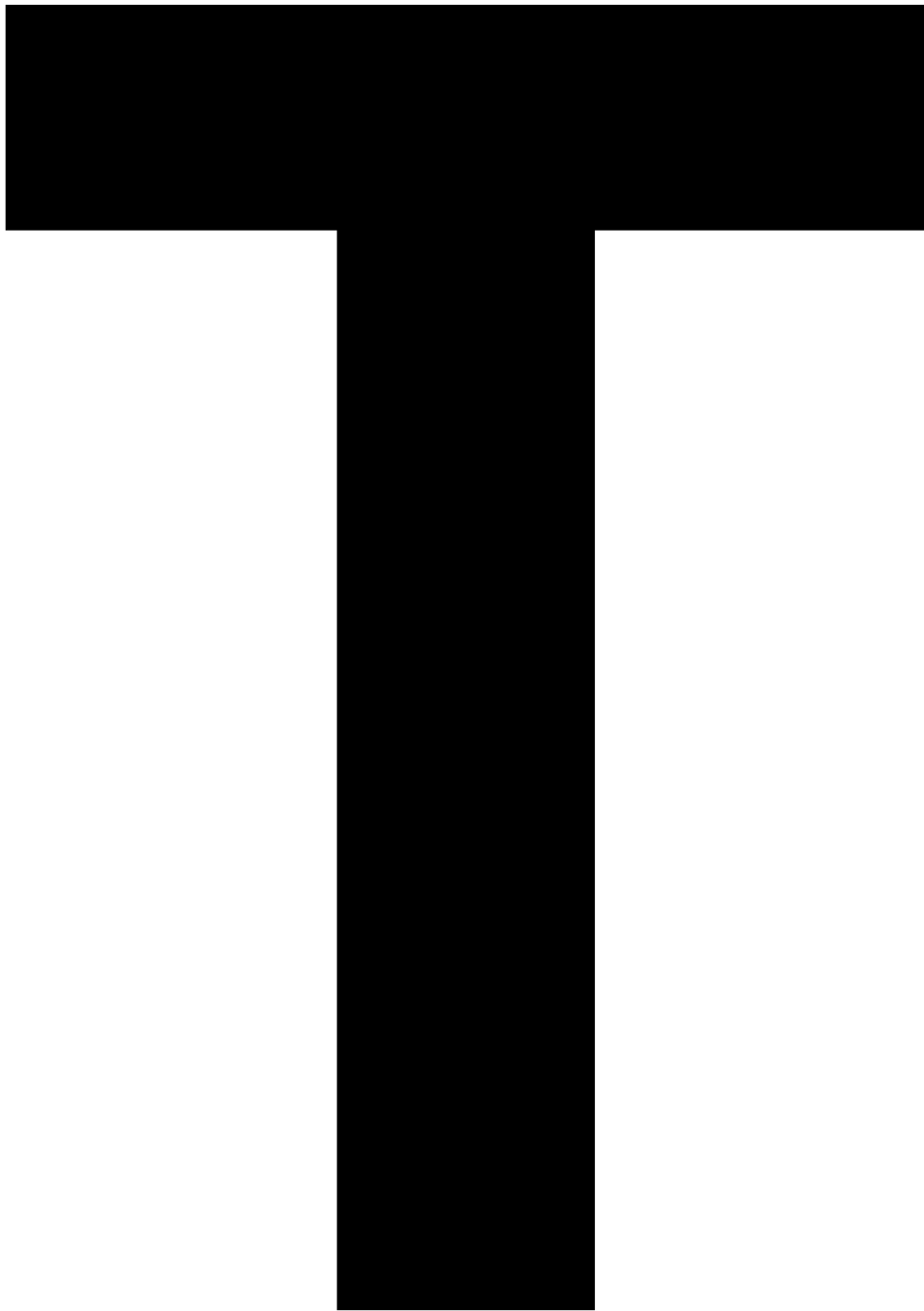
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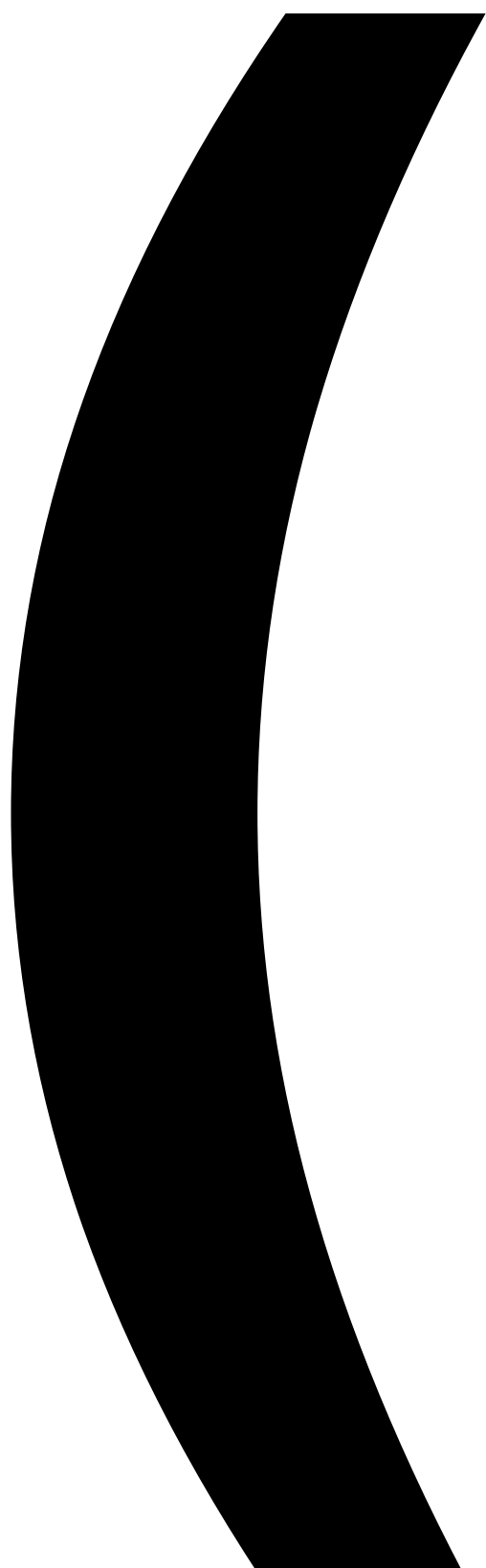
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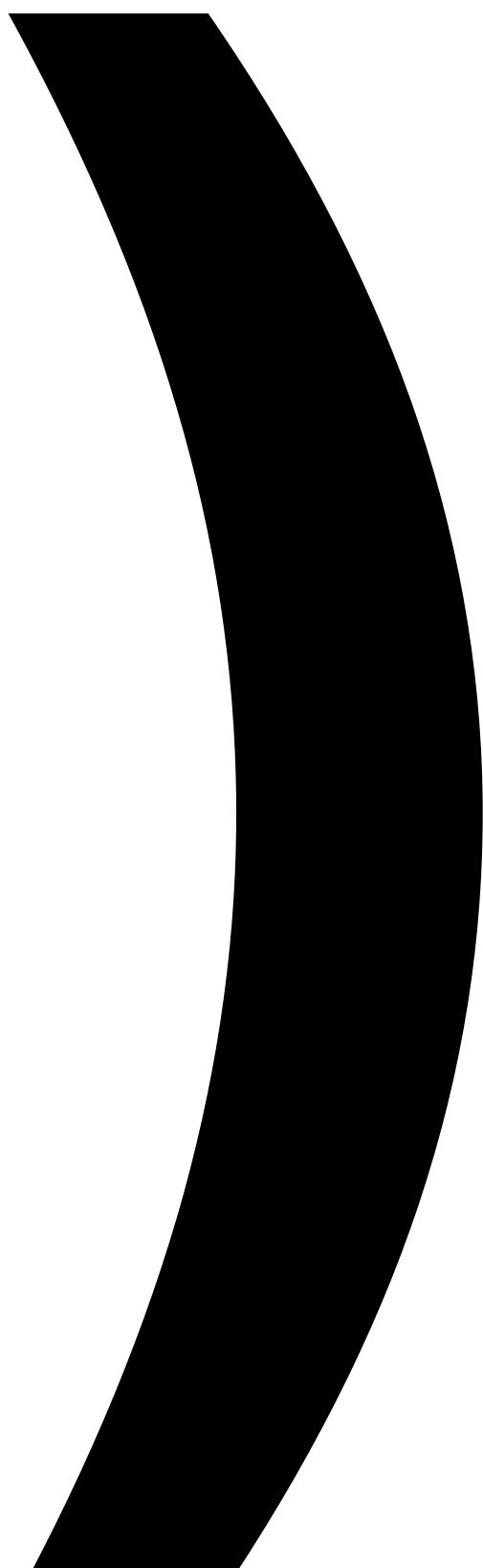


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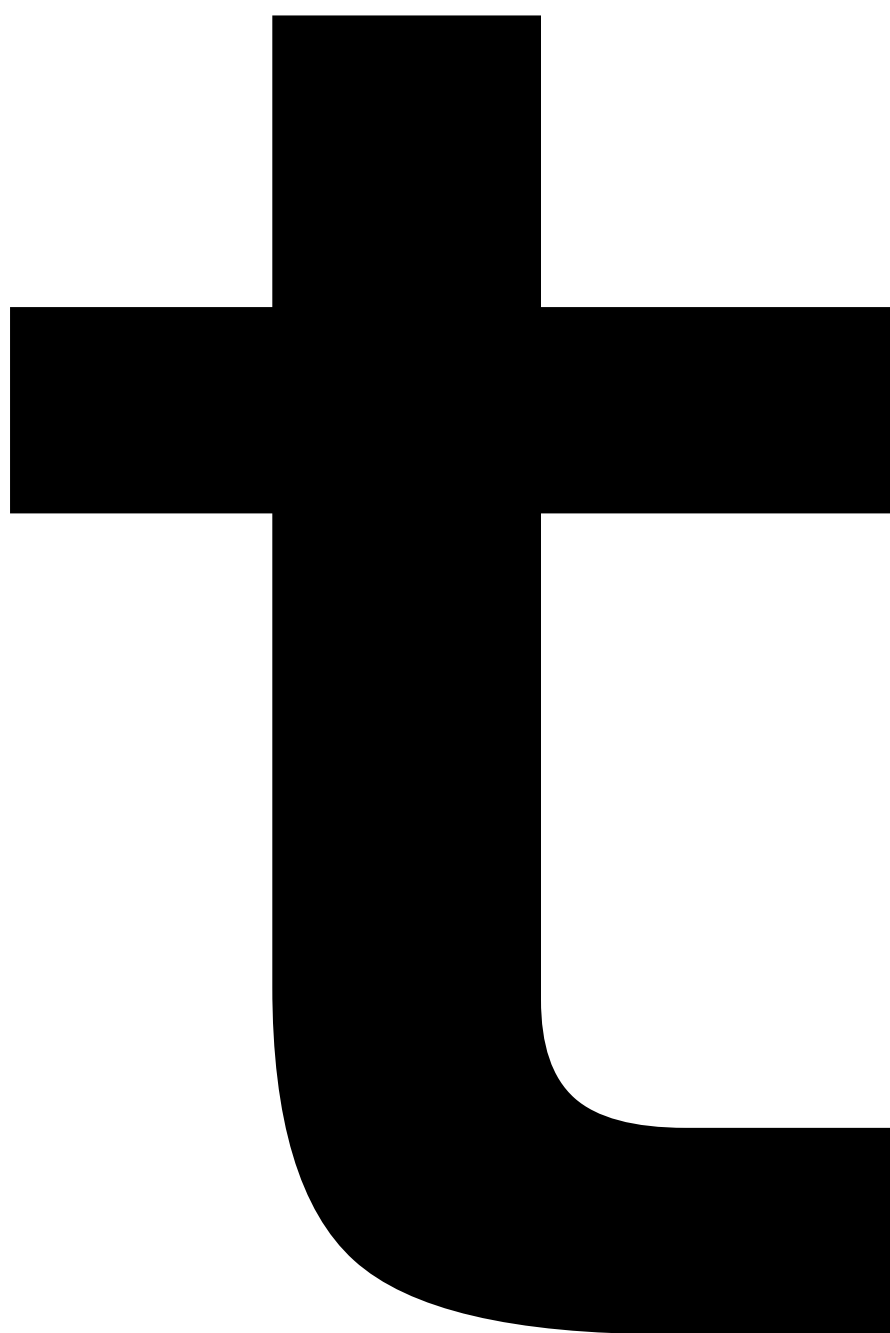
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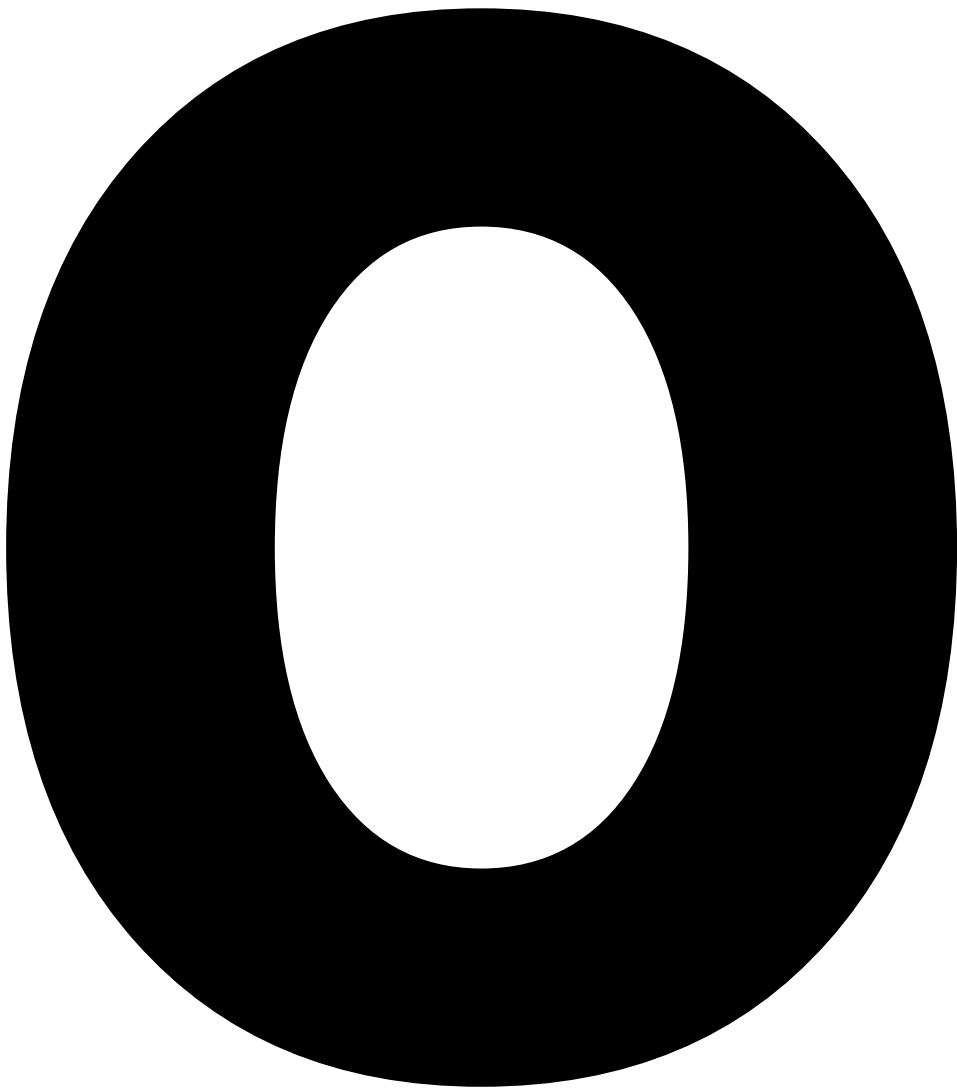














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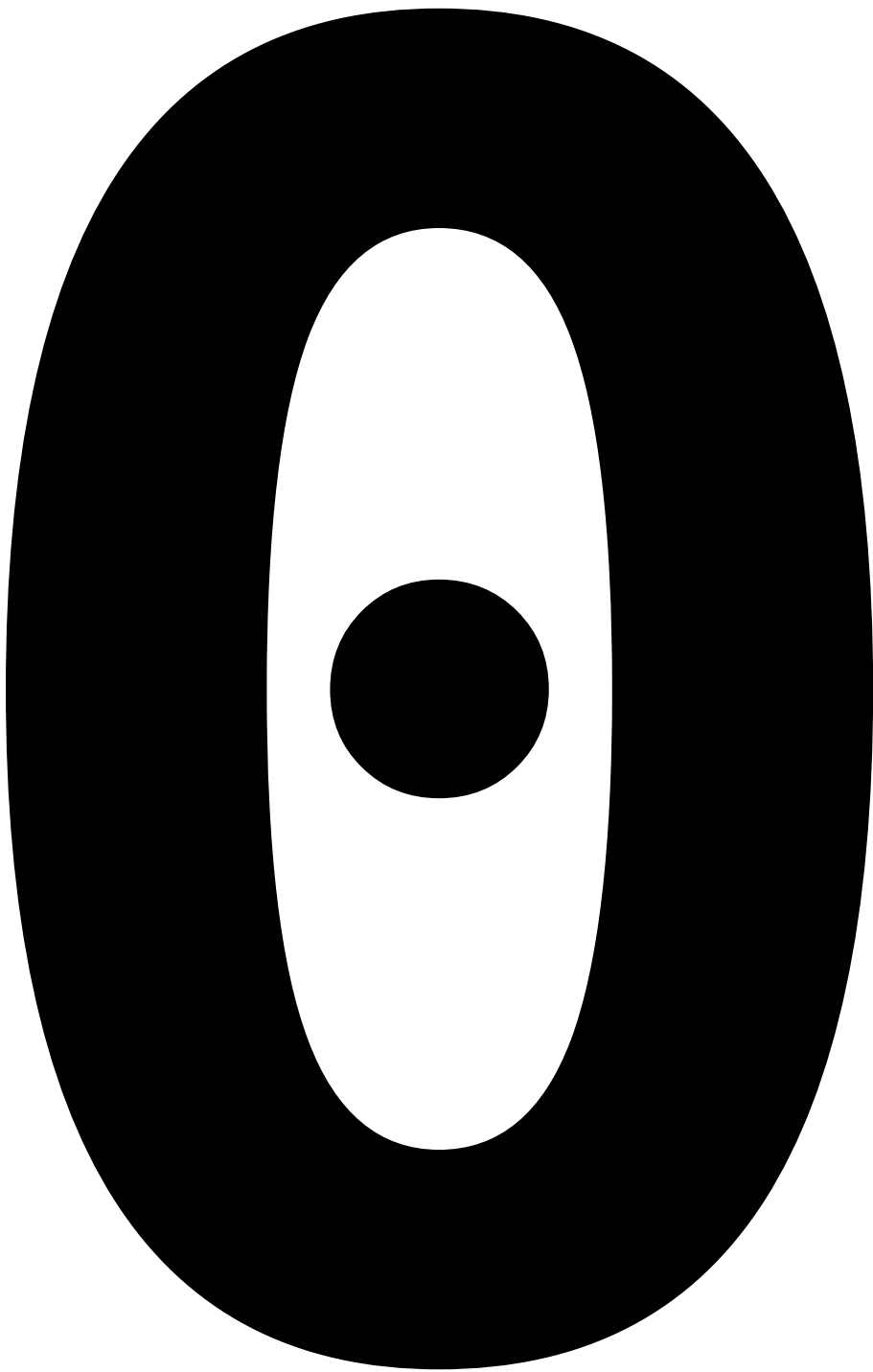
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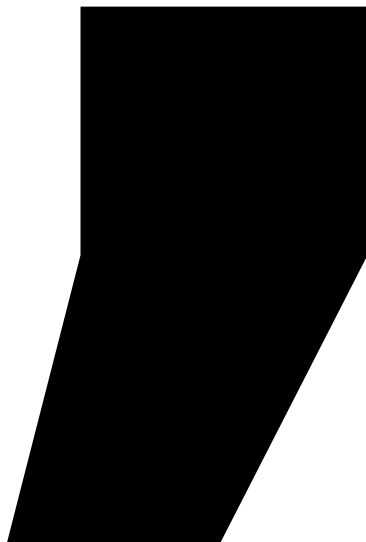
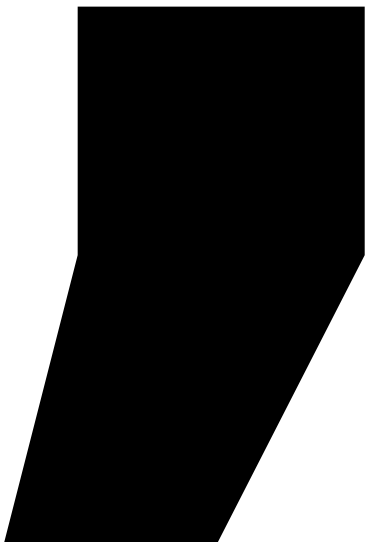


**e**



**o**



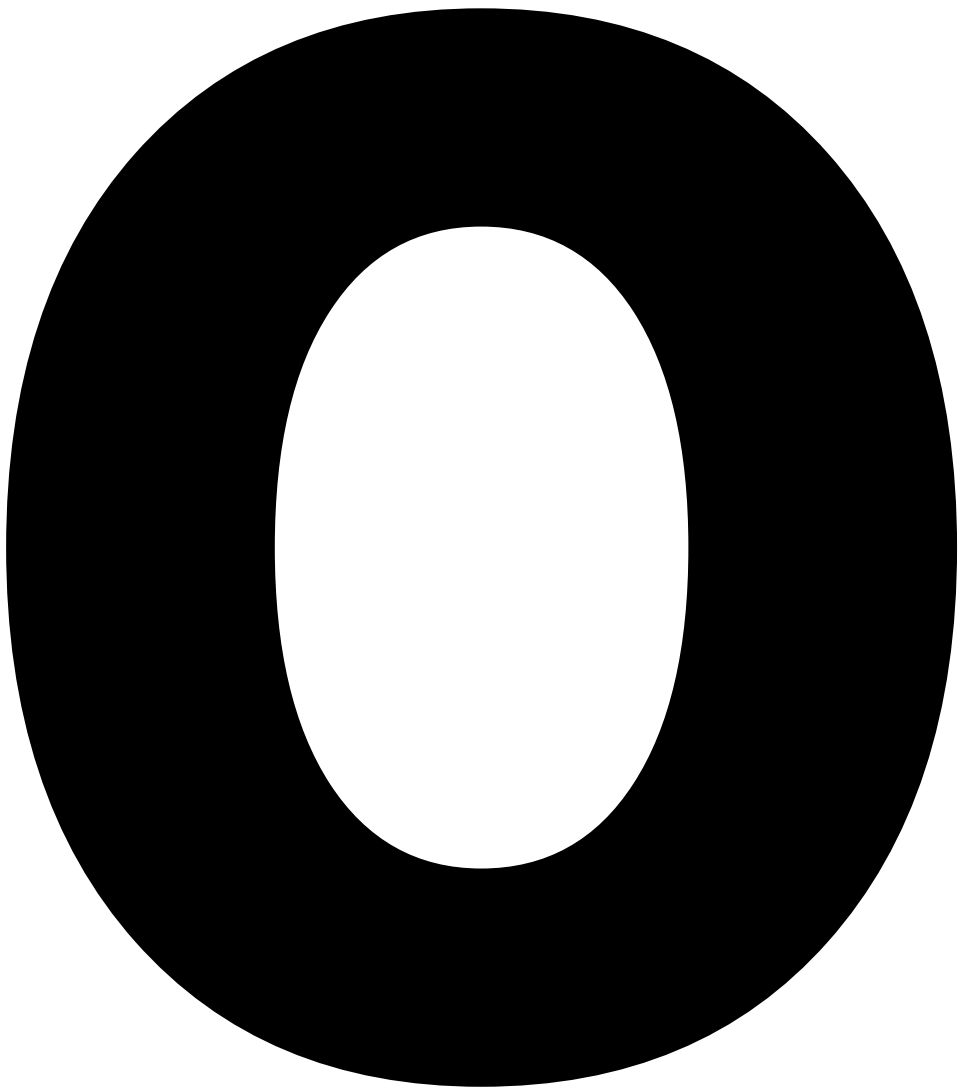






**K**







**m**



**m**





**J**







**e**



**10**





**e**



**r**



**M**



**5a**









**u**



**n**



**o**



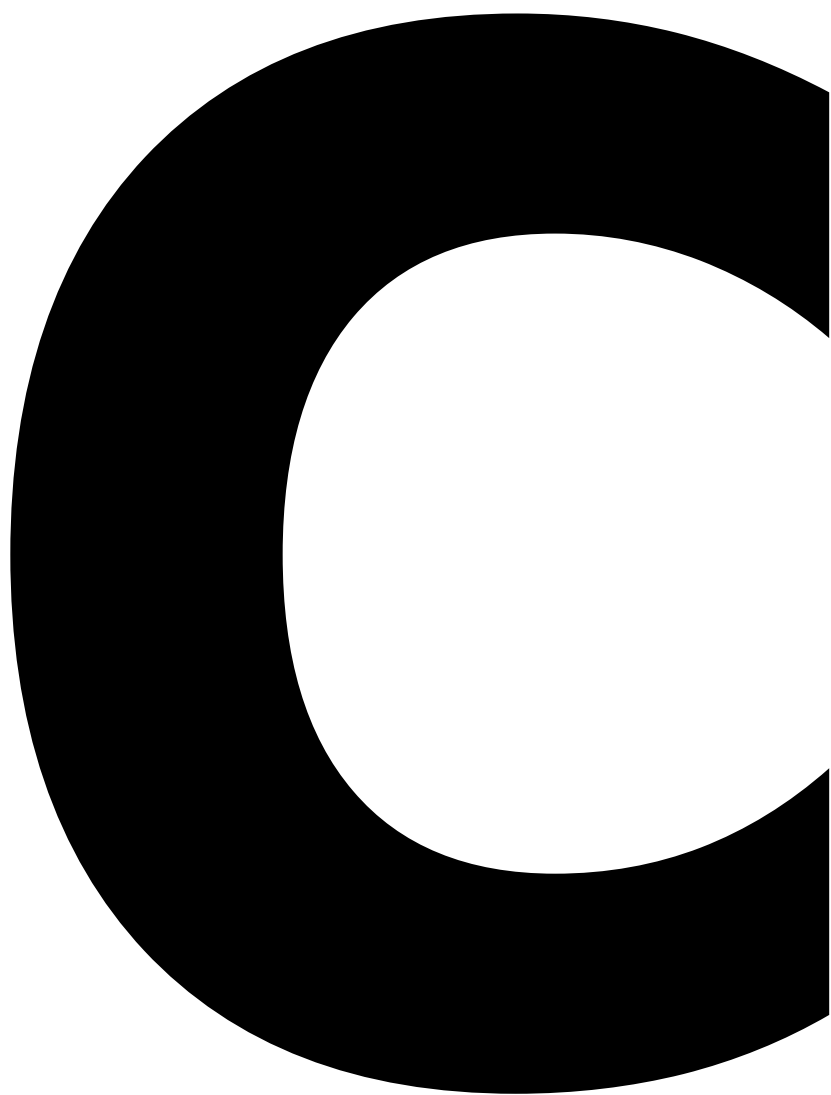


**m**



**5a**







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**B**





**5**



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**m**





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**w**







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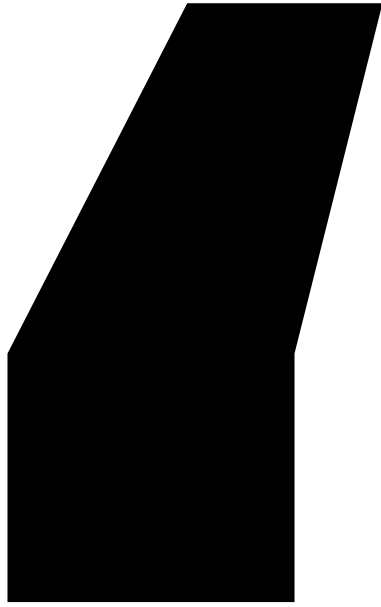
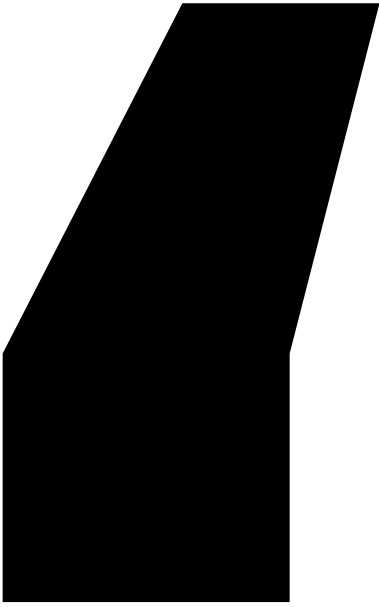


**u**



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**h**













**PO**

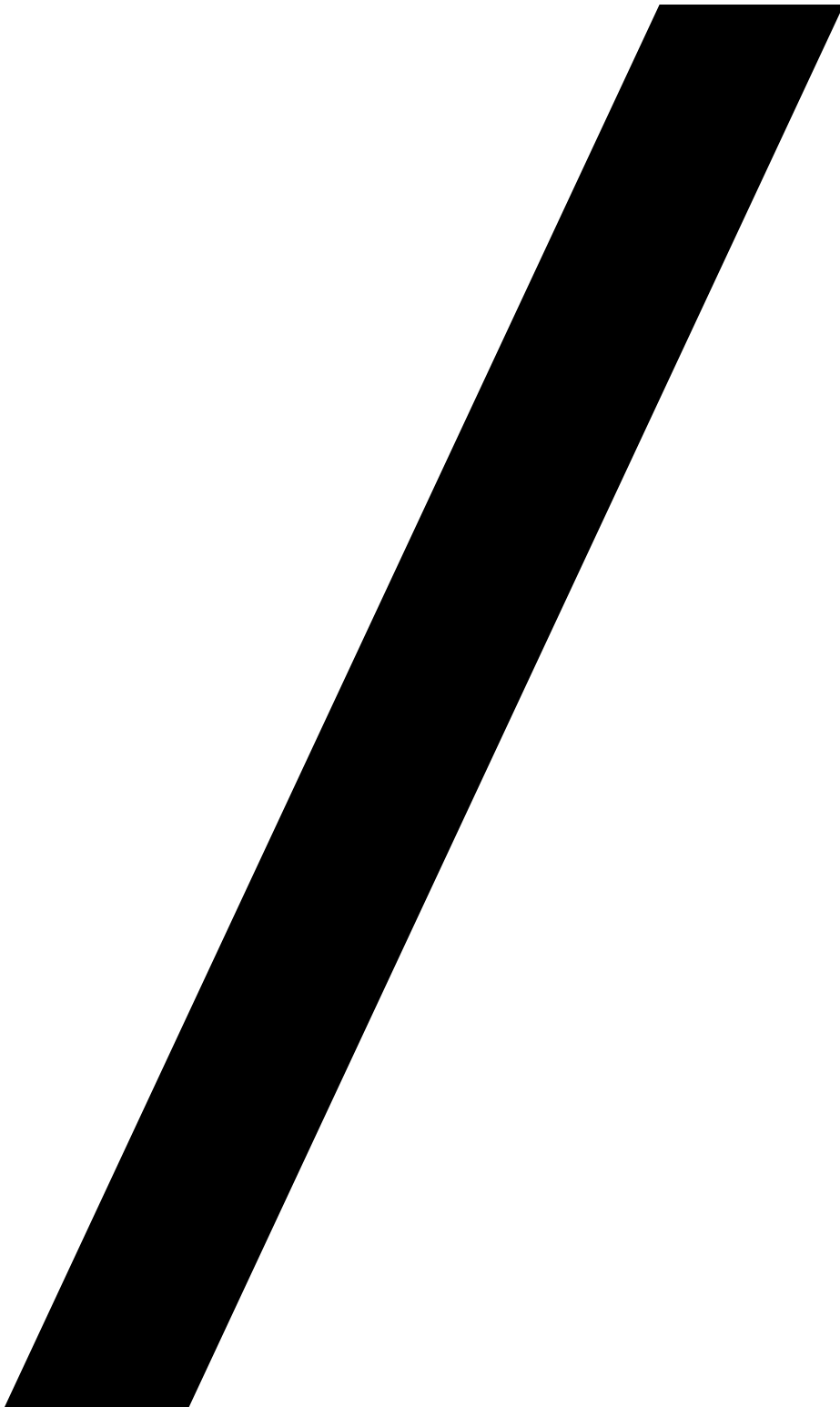


**S**



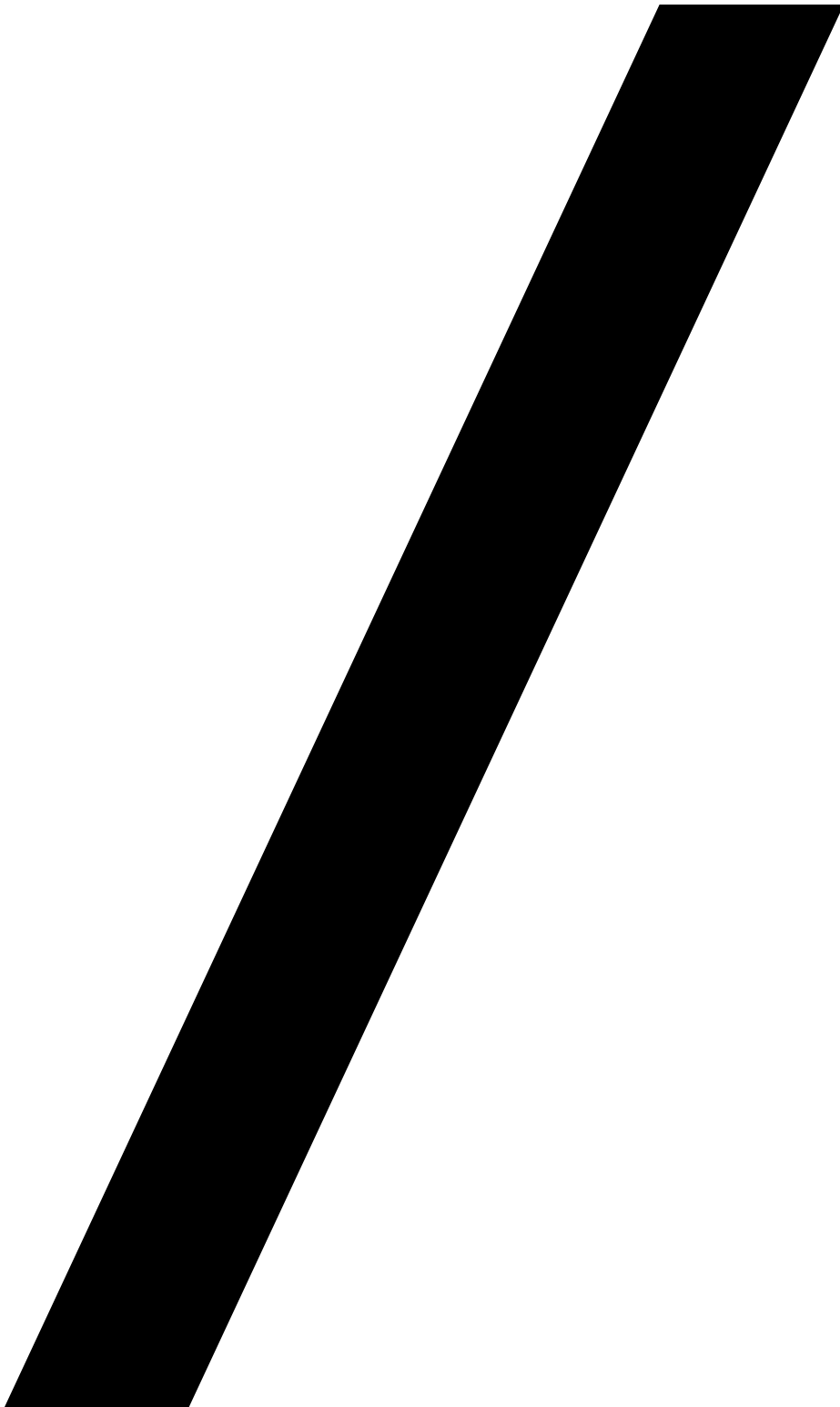














**w**



**w**



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**V**







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**u**



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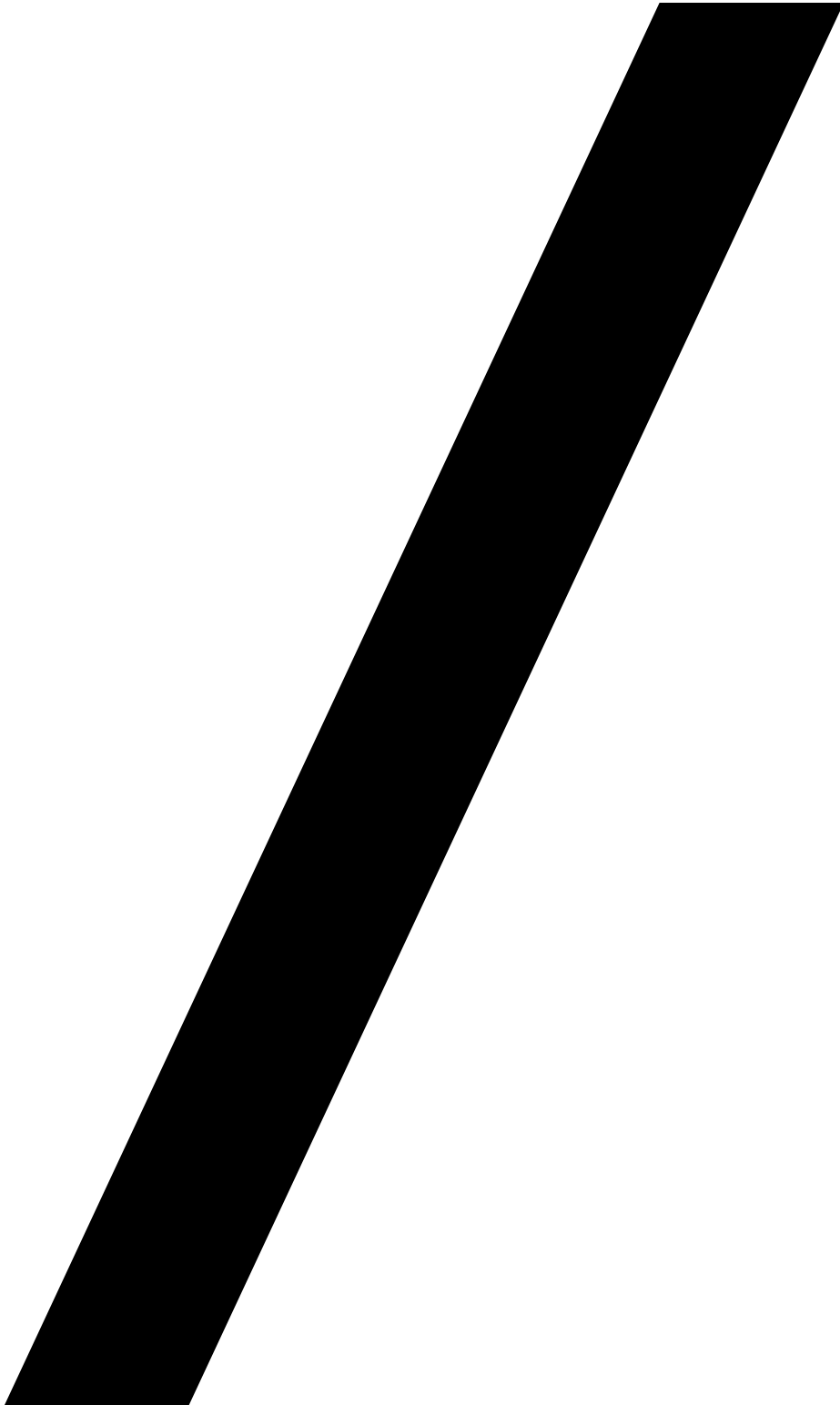




**m**









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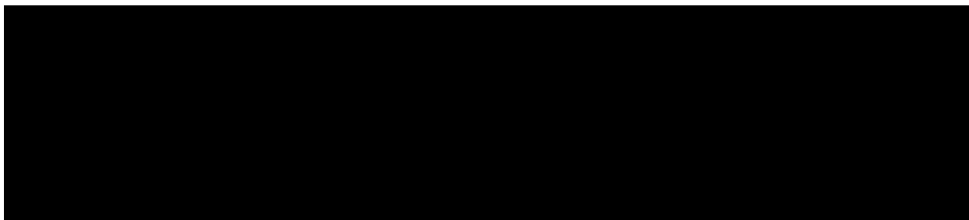
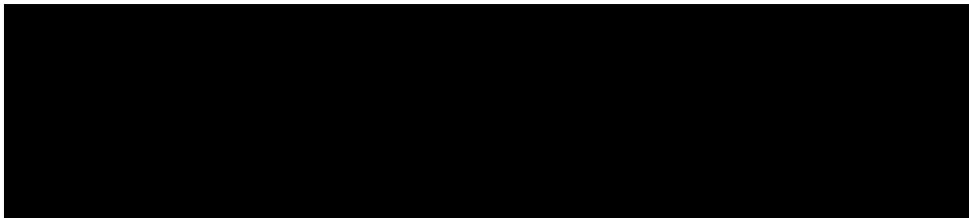




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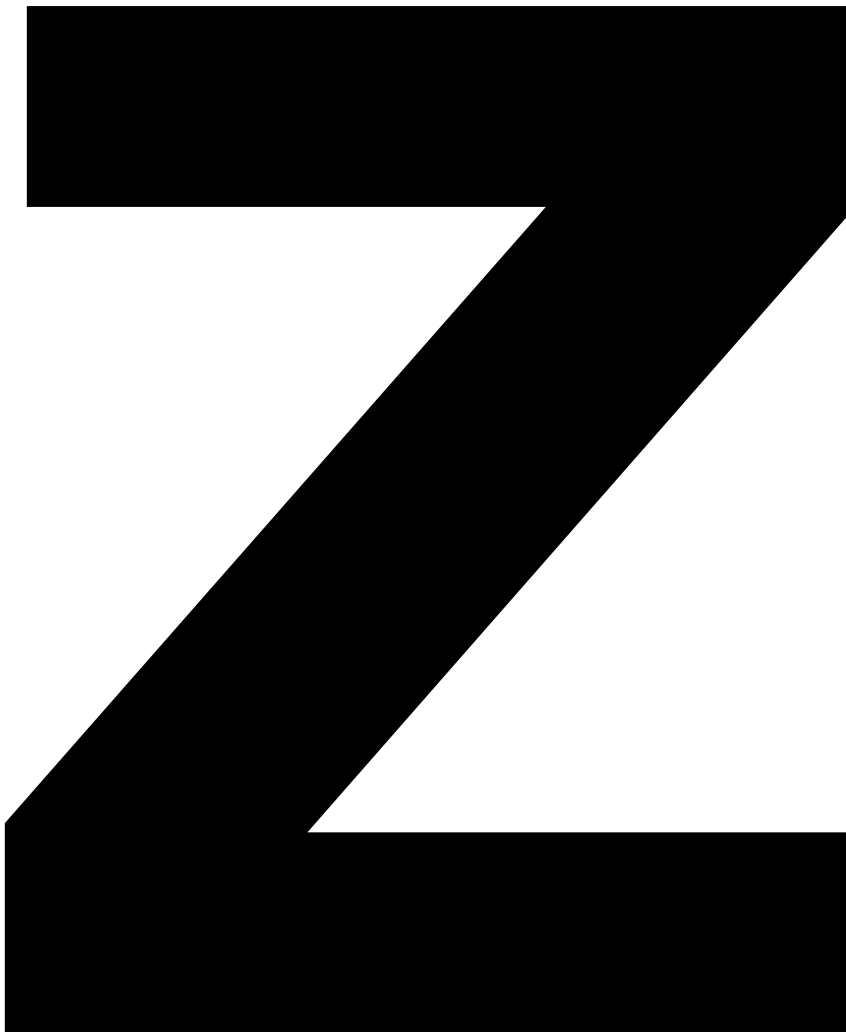


**R**



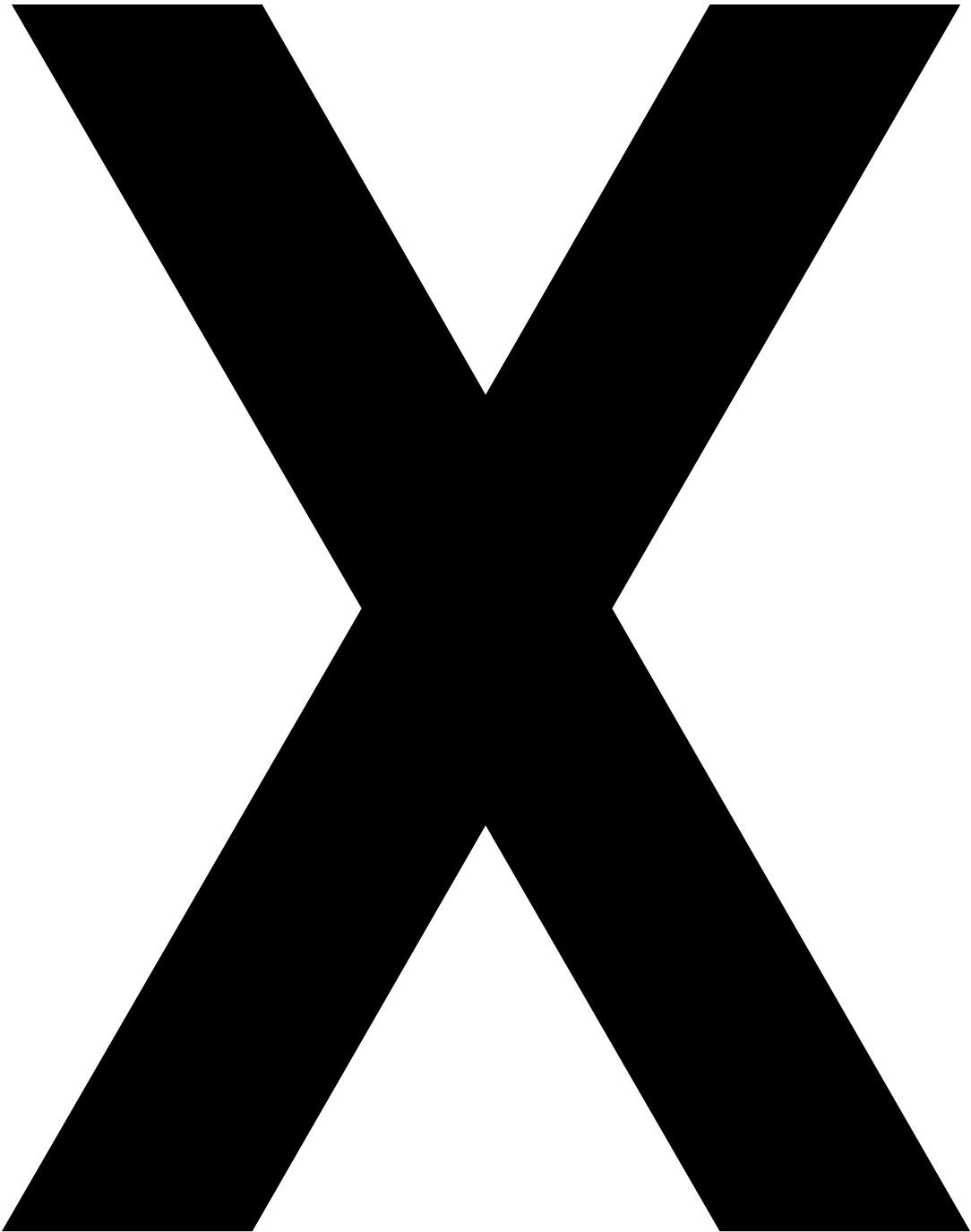
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**3**

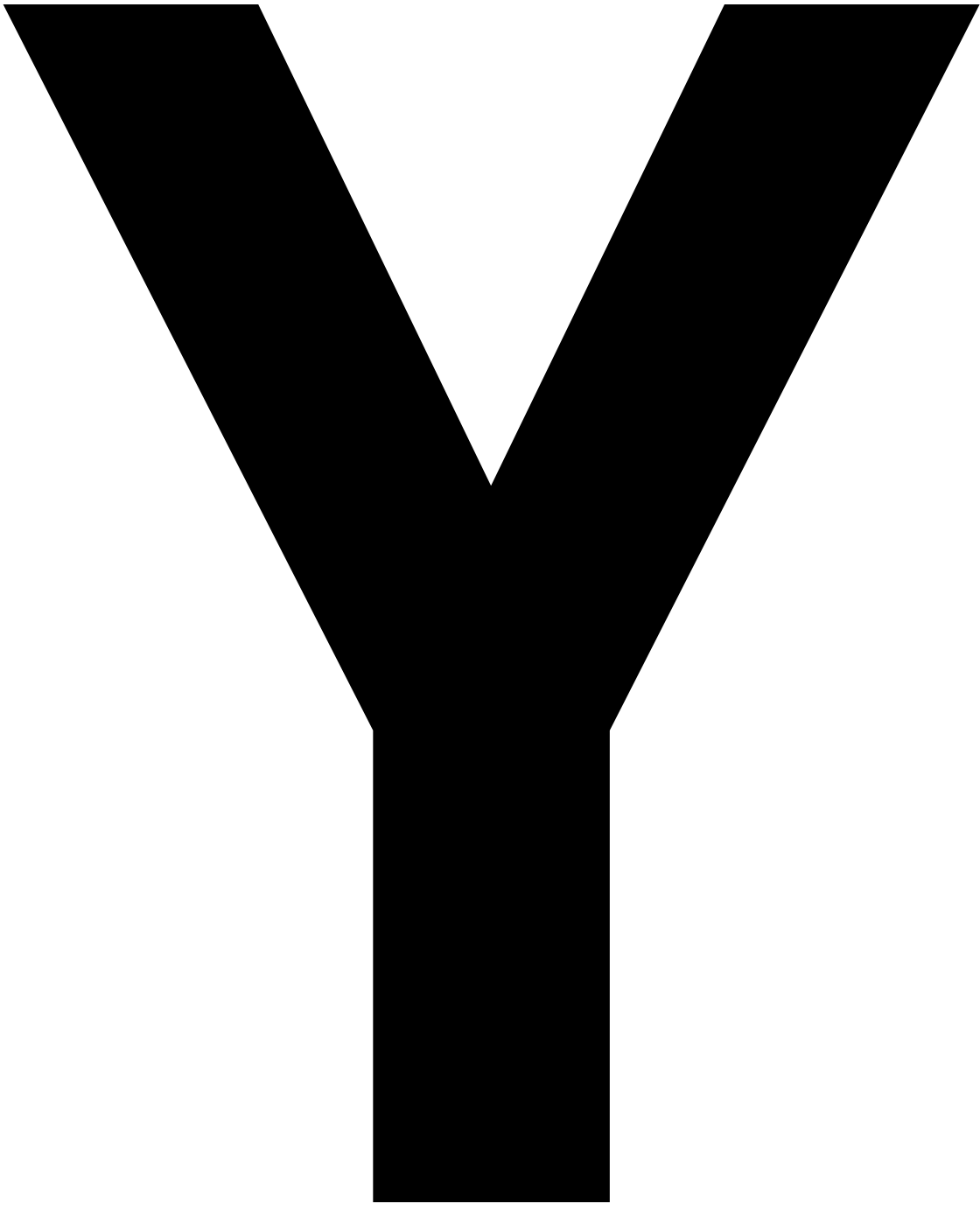


**r**



**C**









**V**







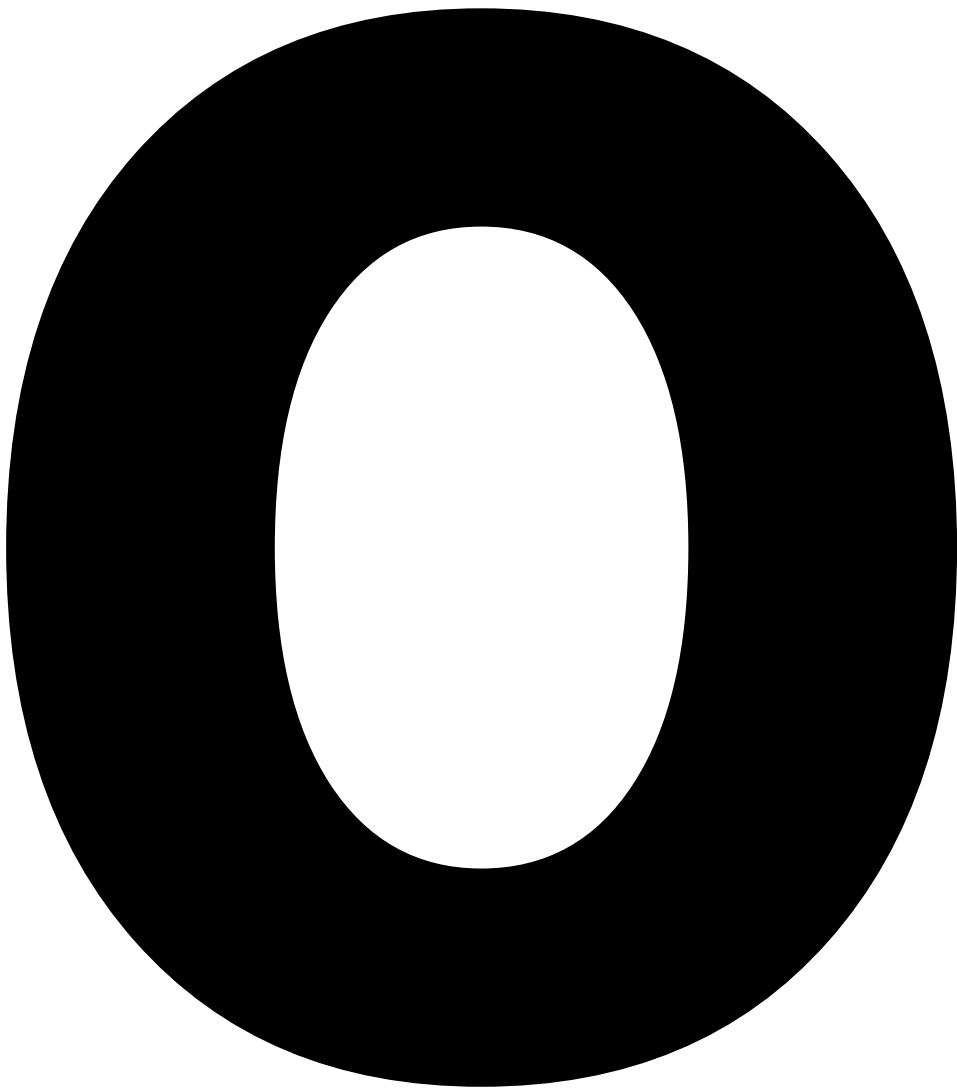
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**J**







**Q**





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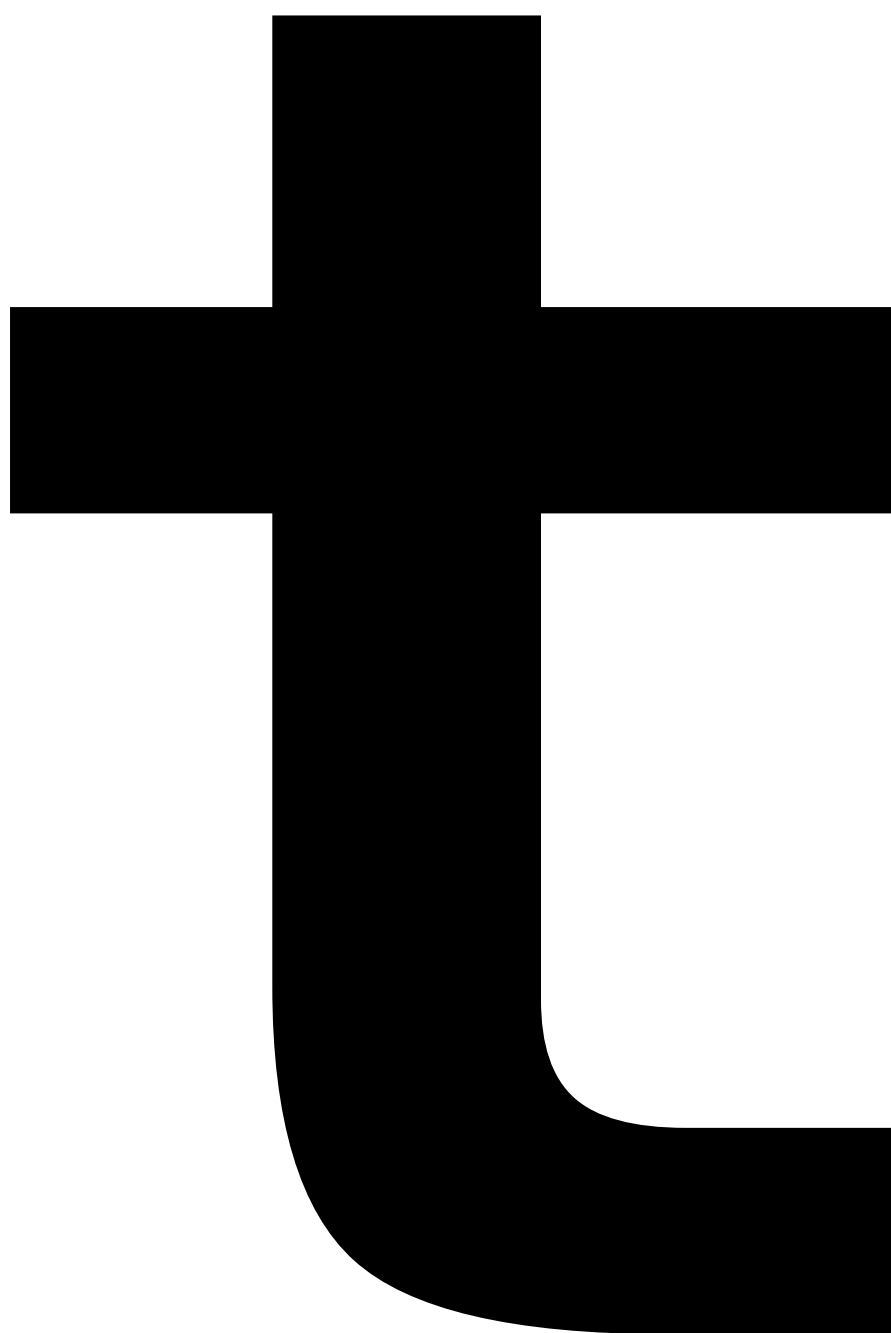


**5**



**r**









**Q**

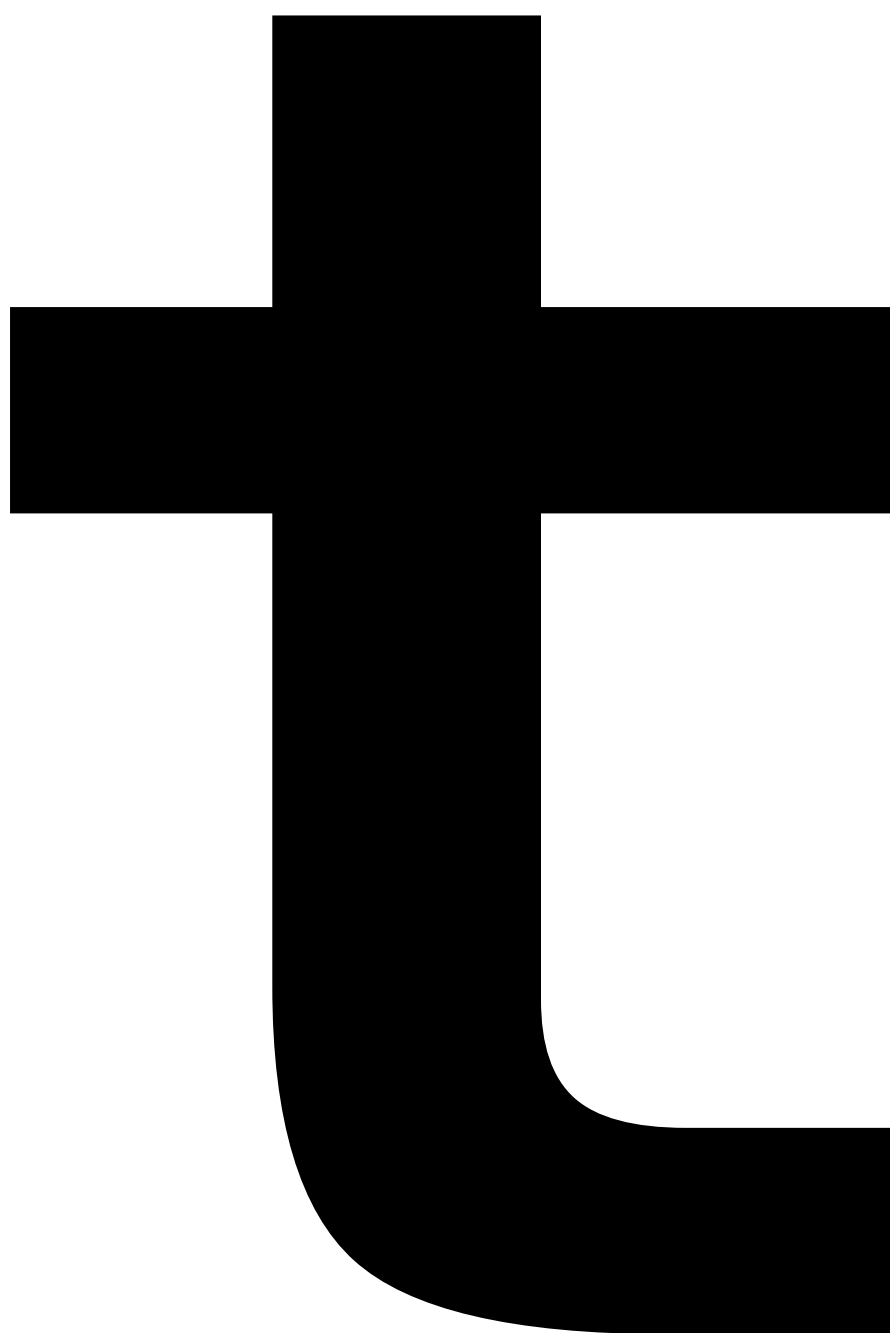






**J**









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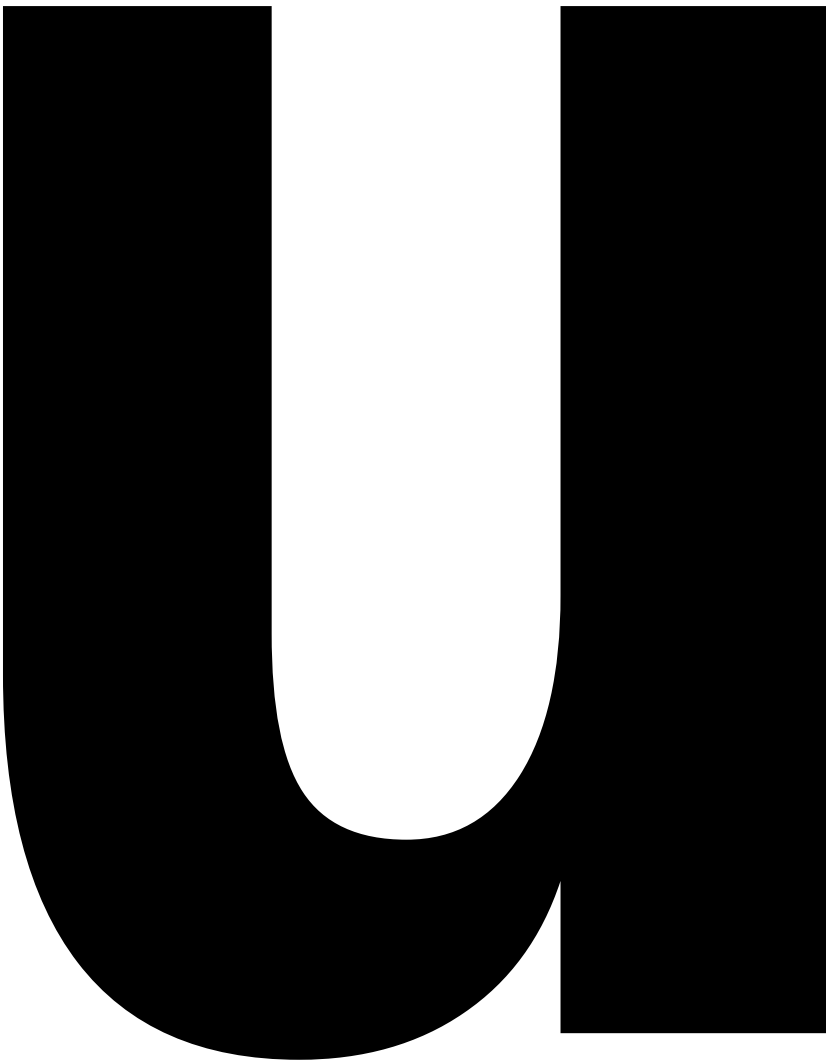
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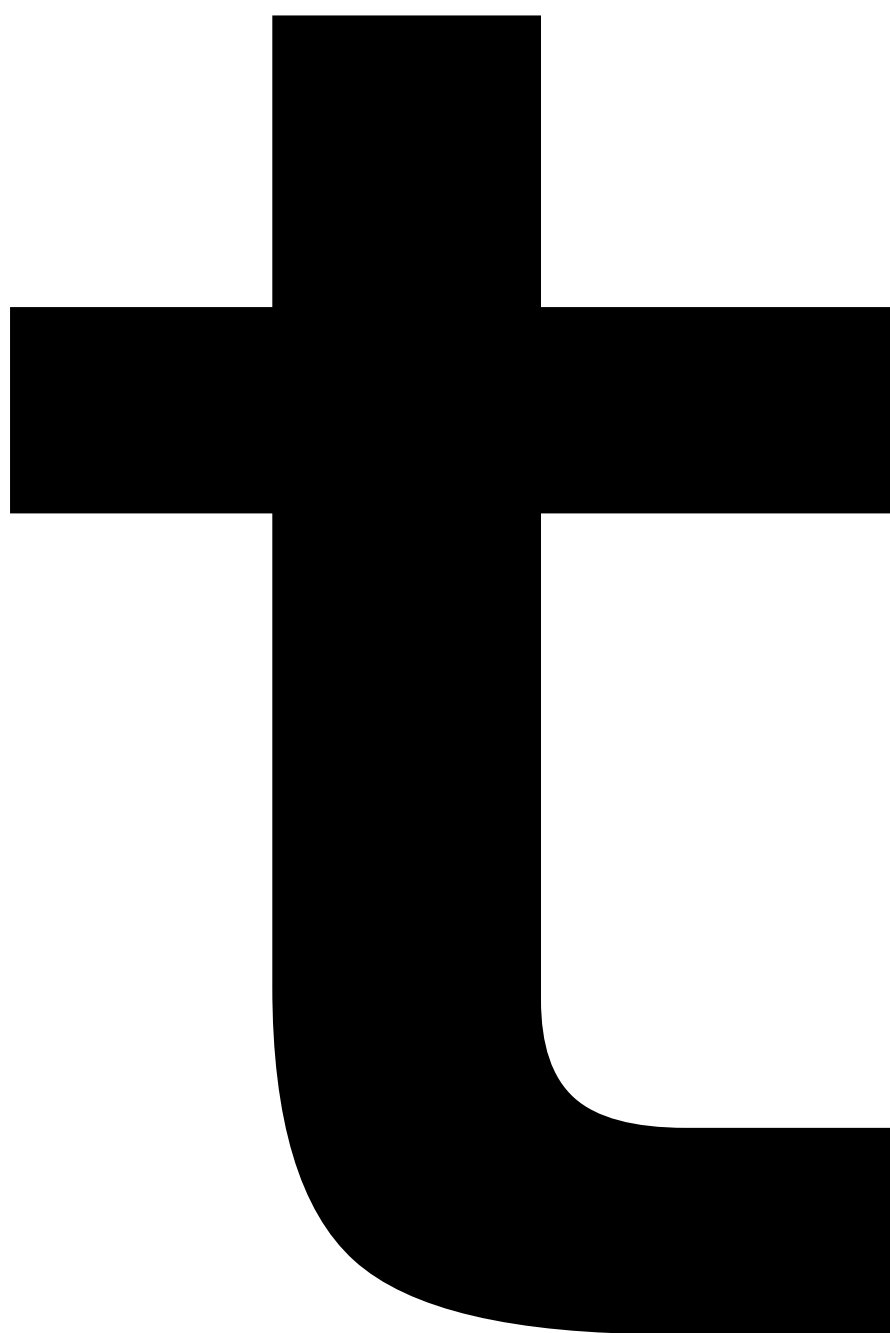
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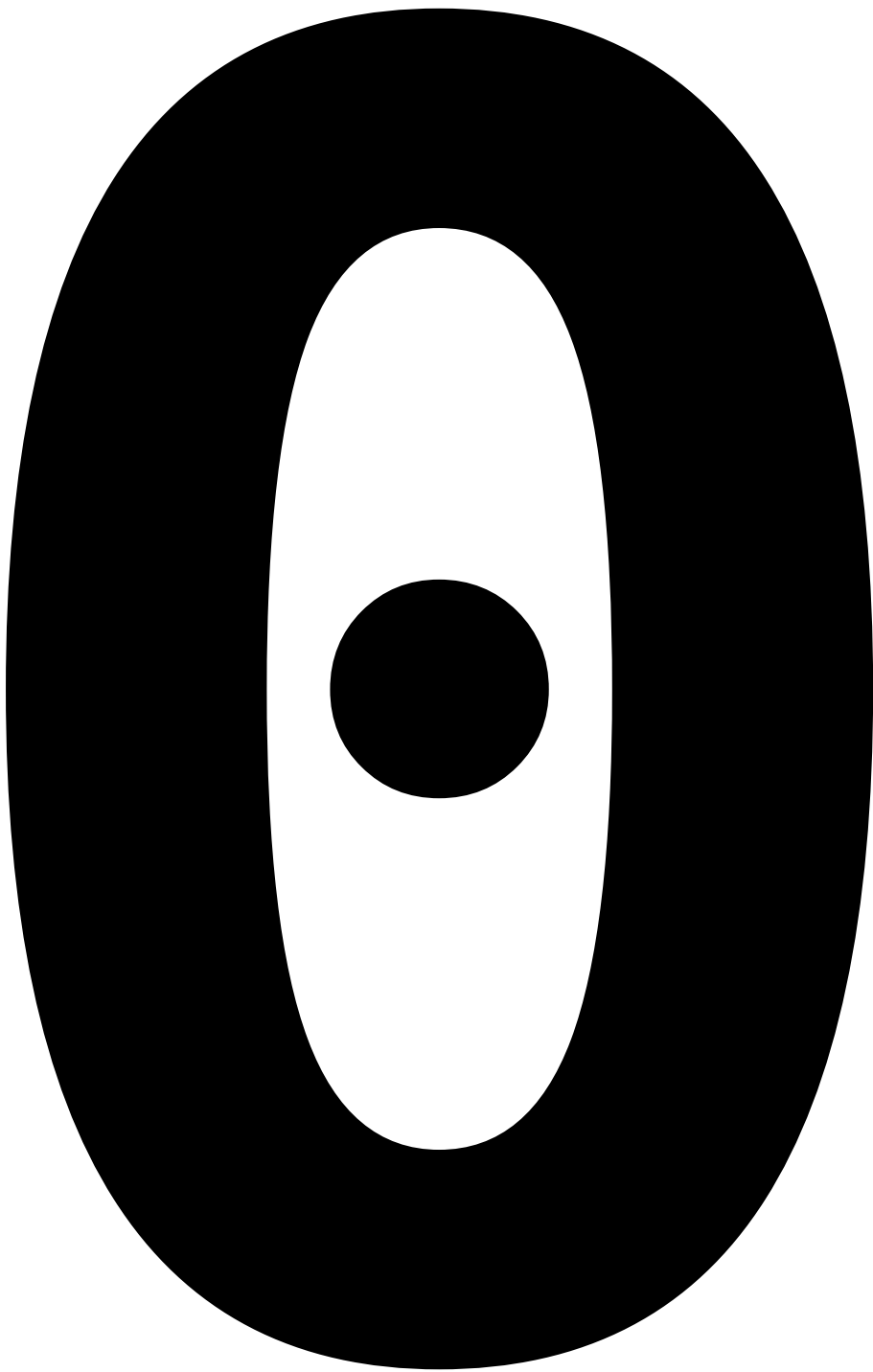




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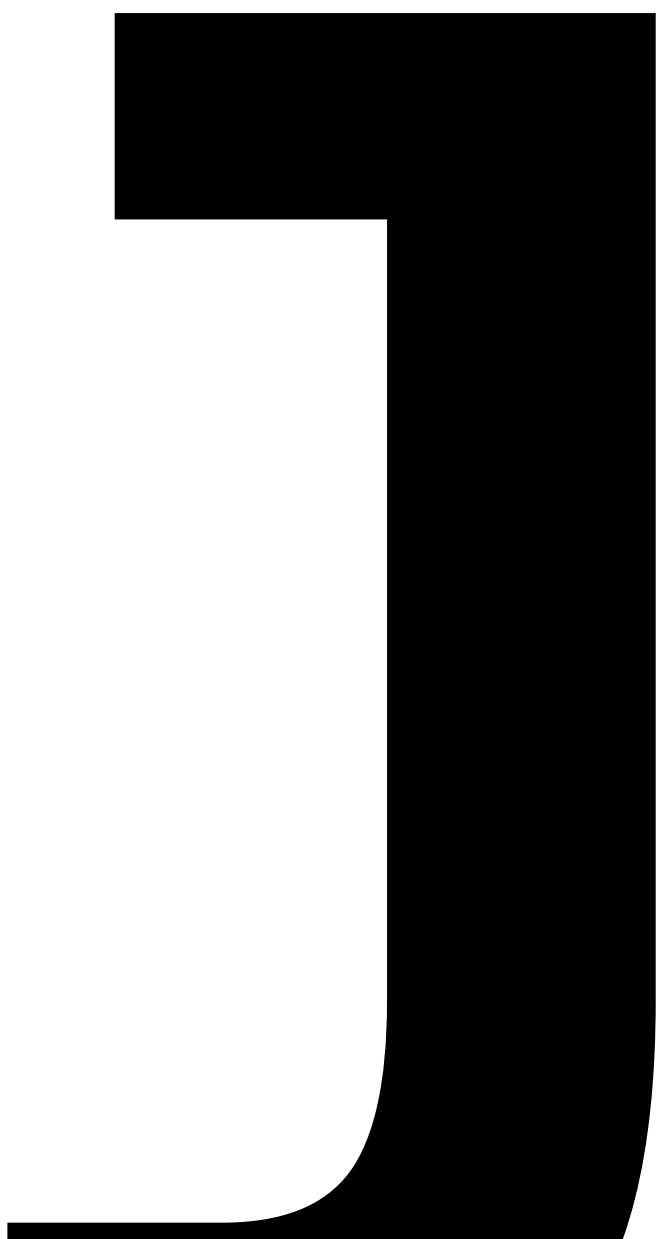
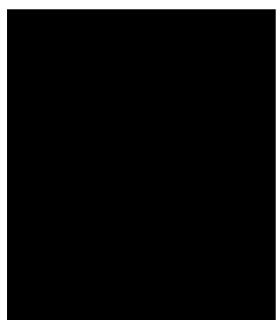






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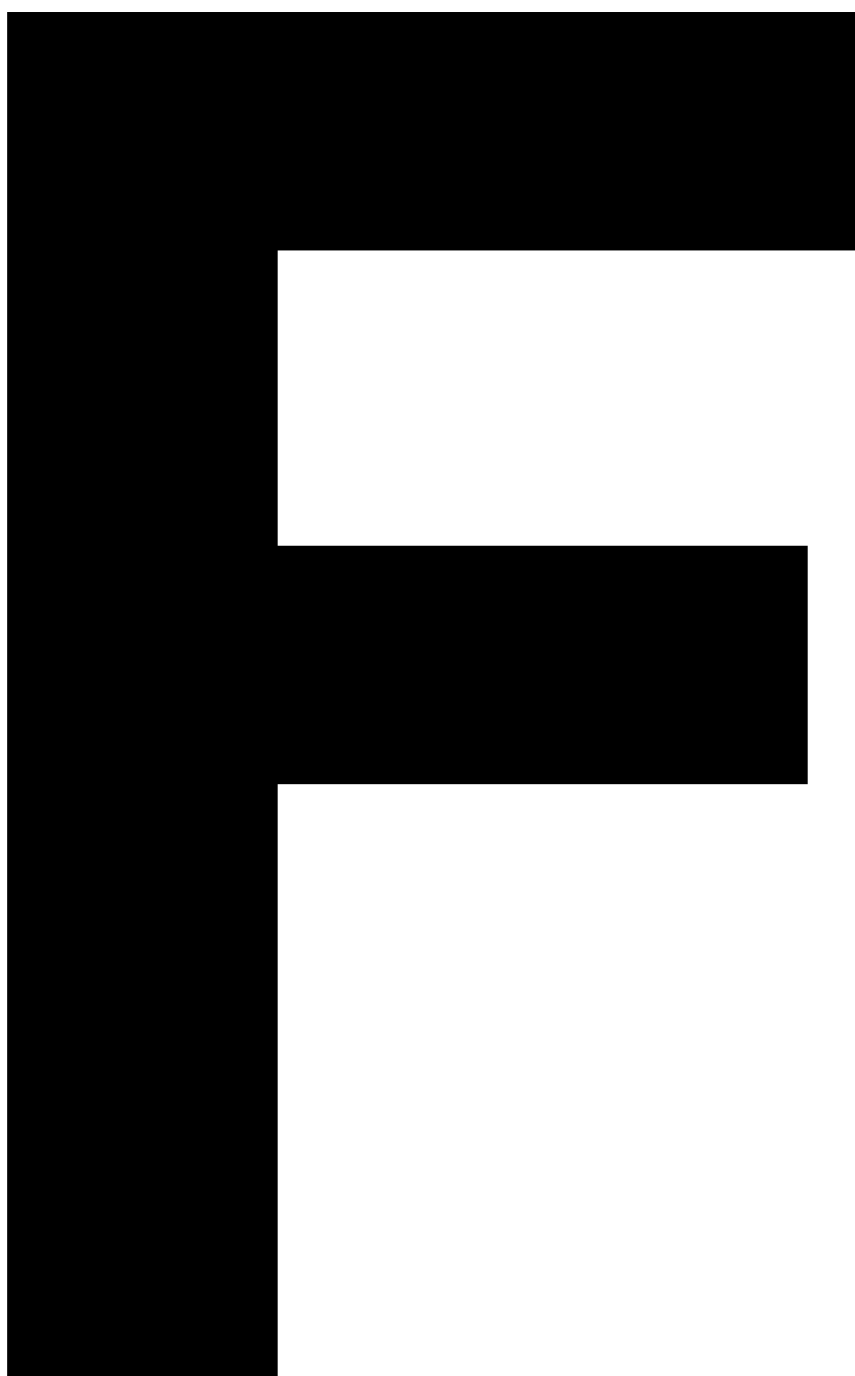


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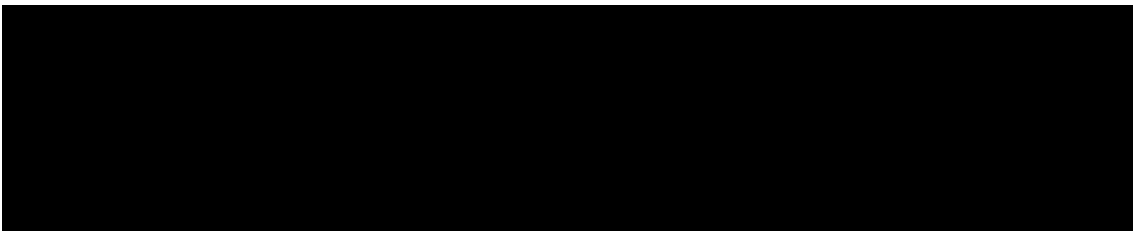
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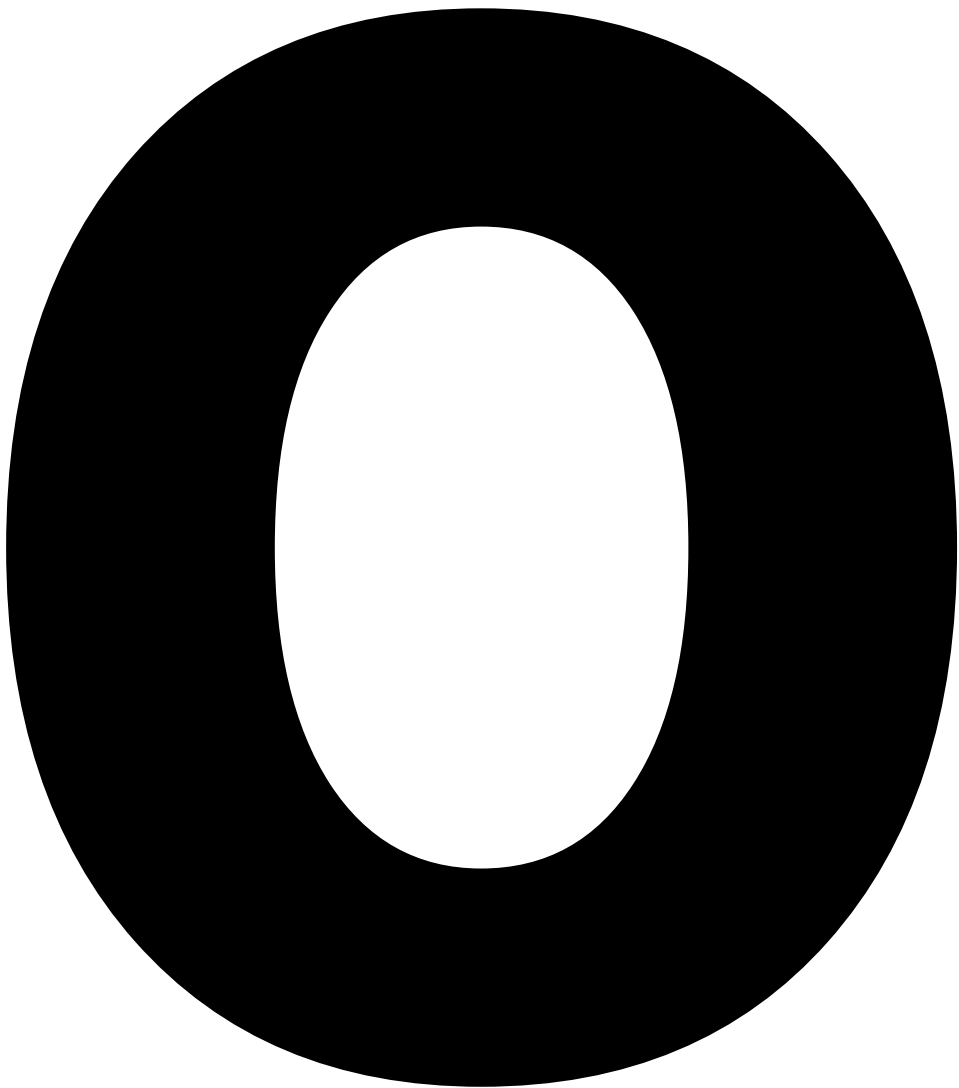


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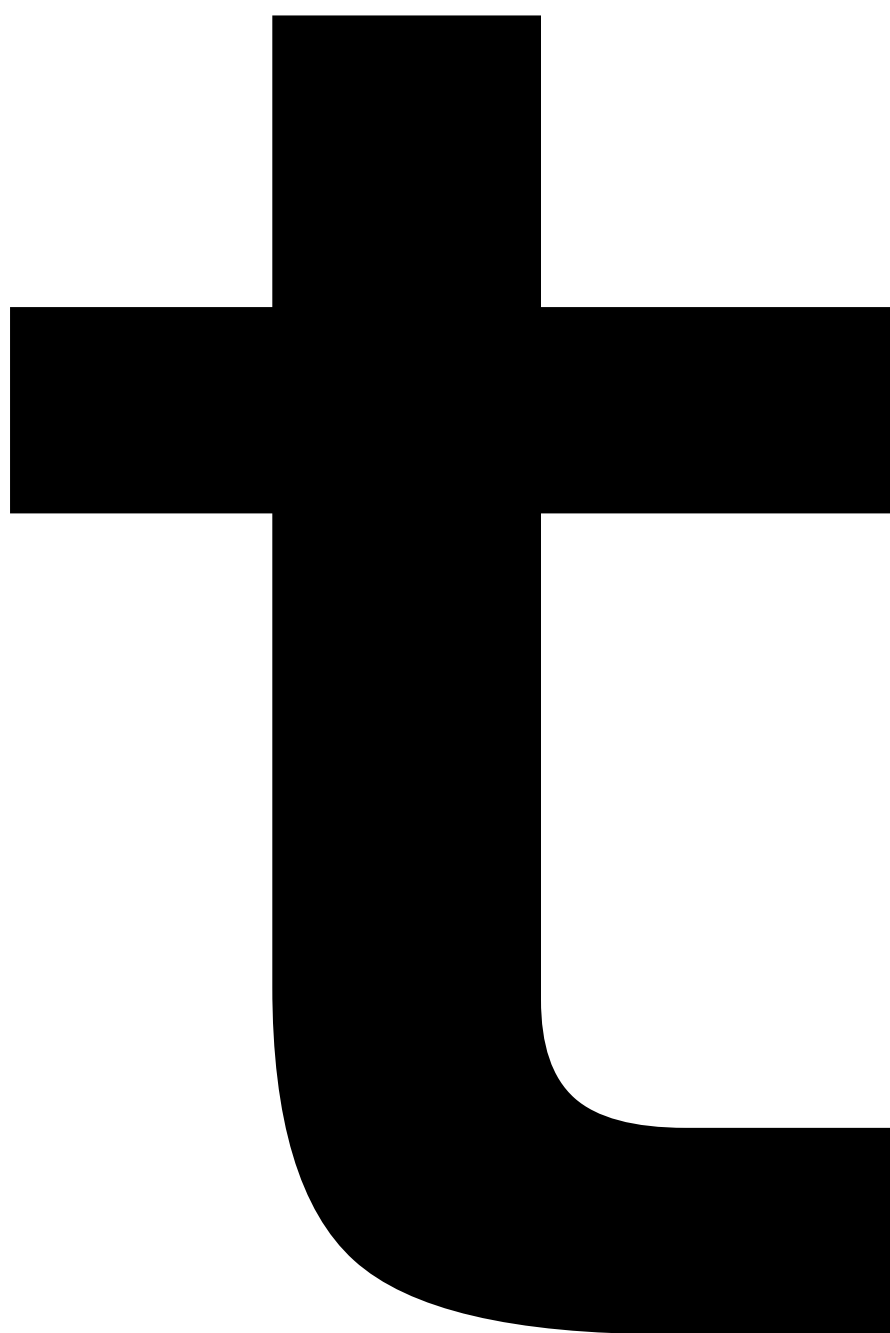
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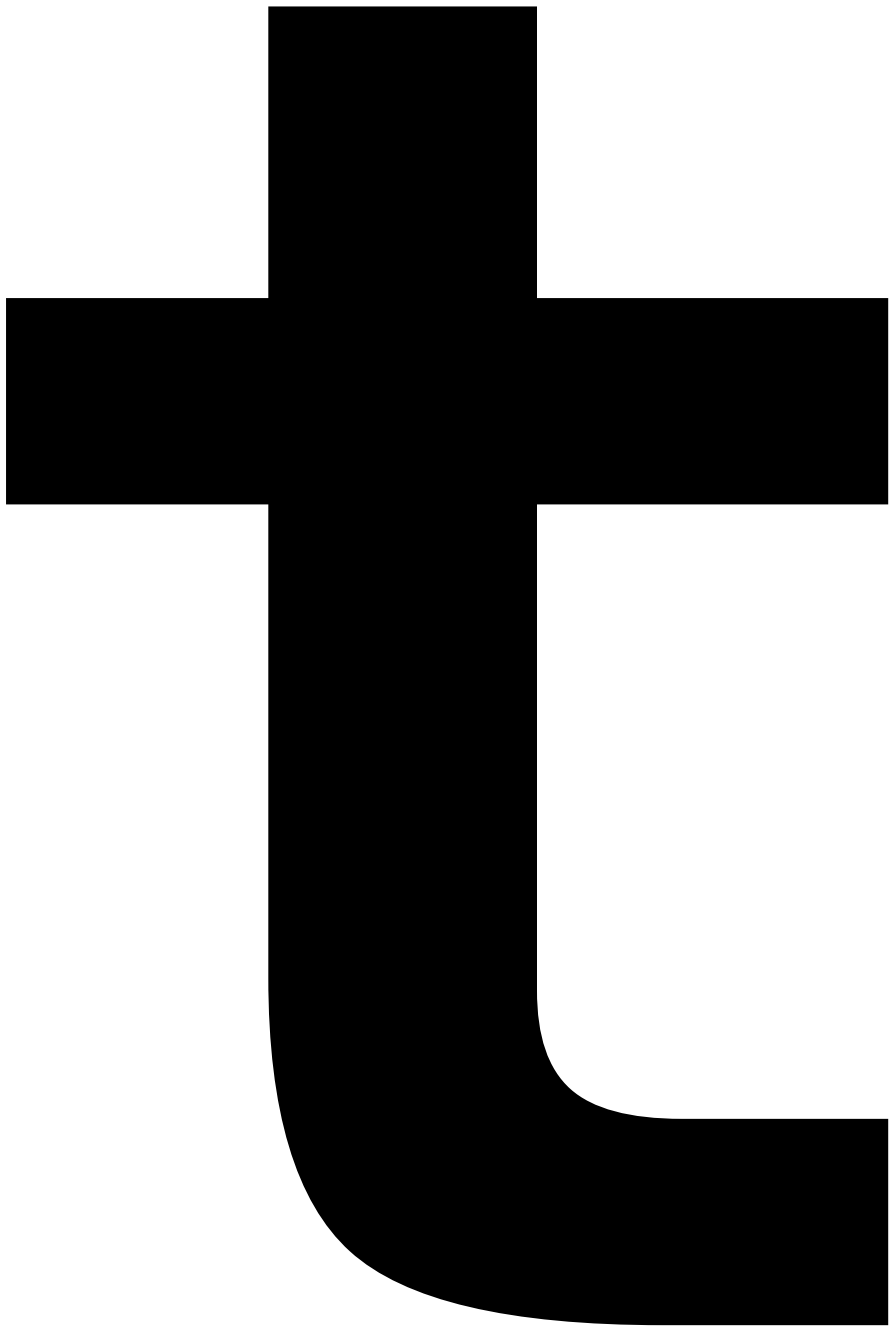
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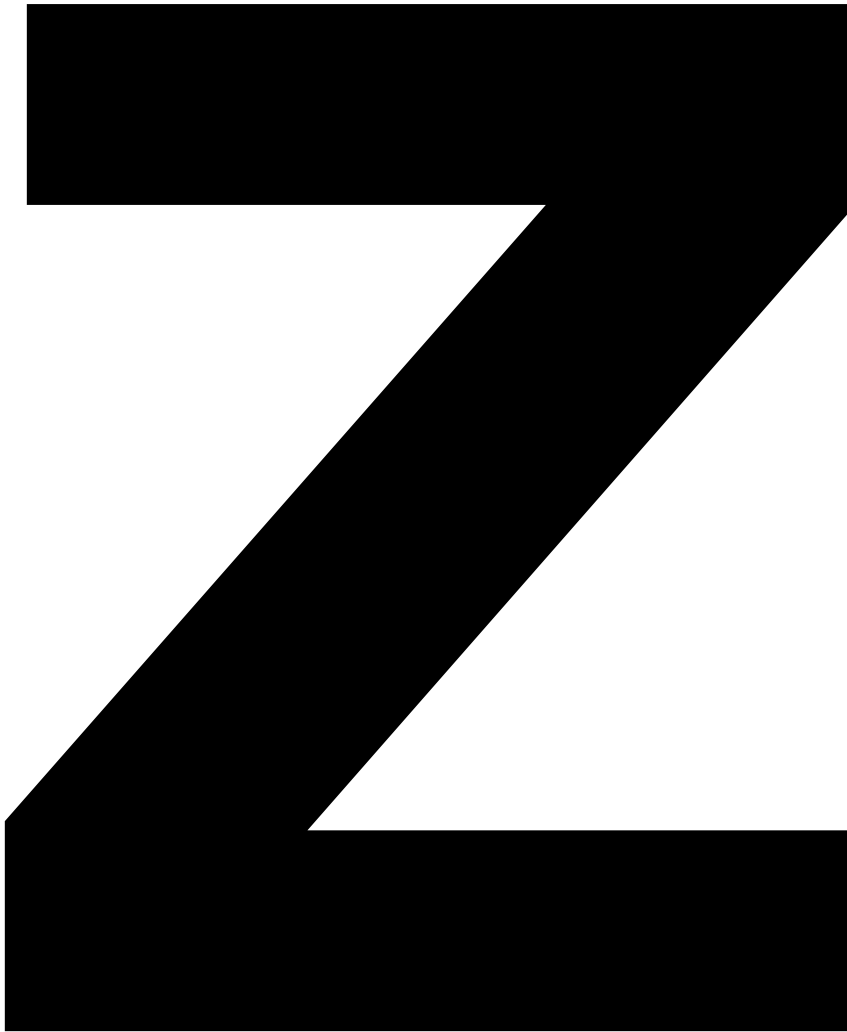
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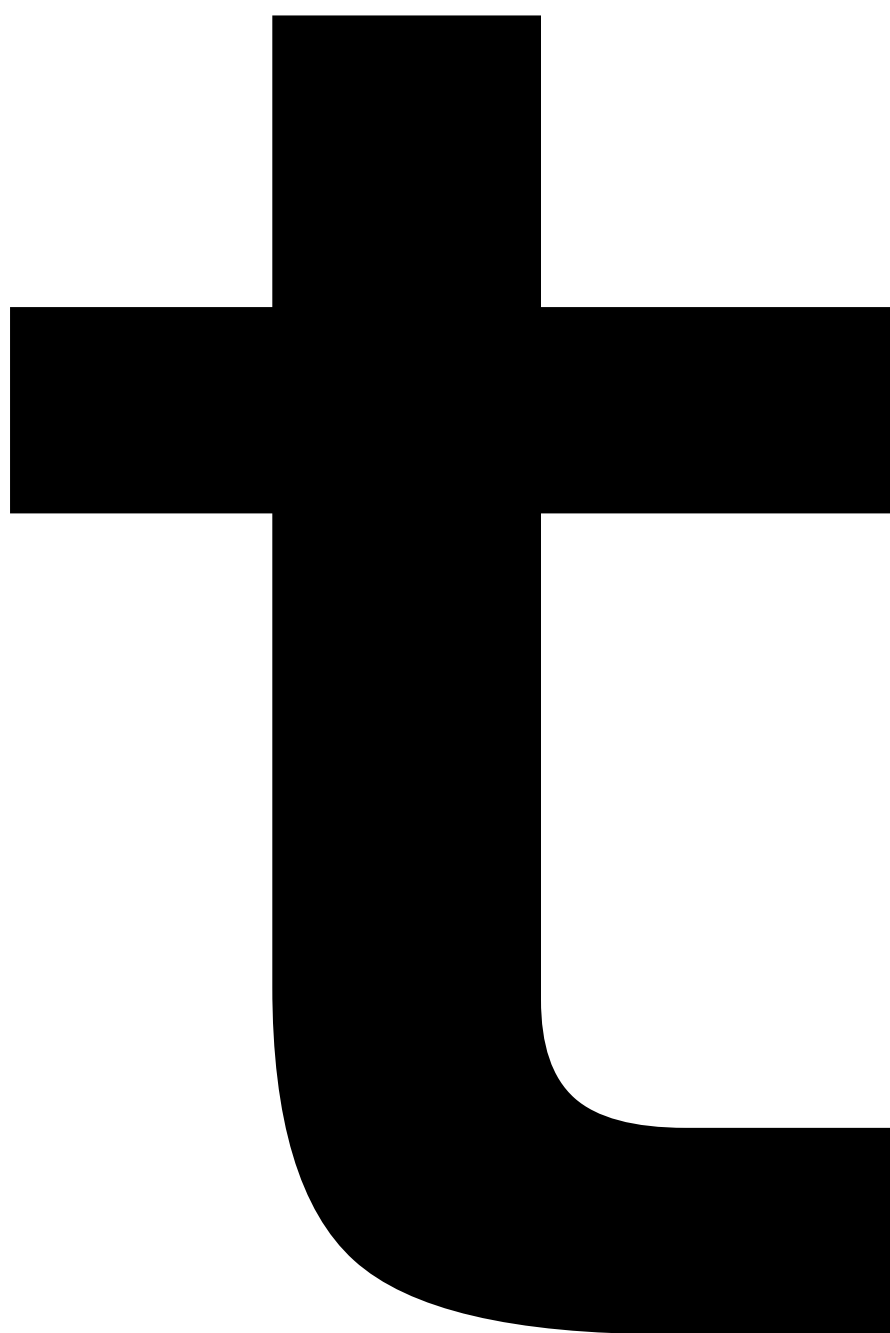














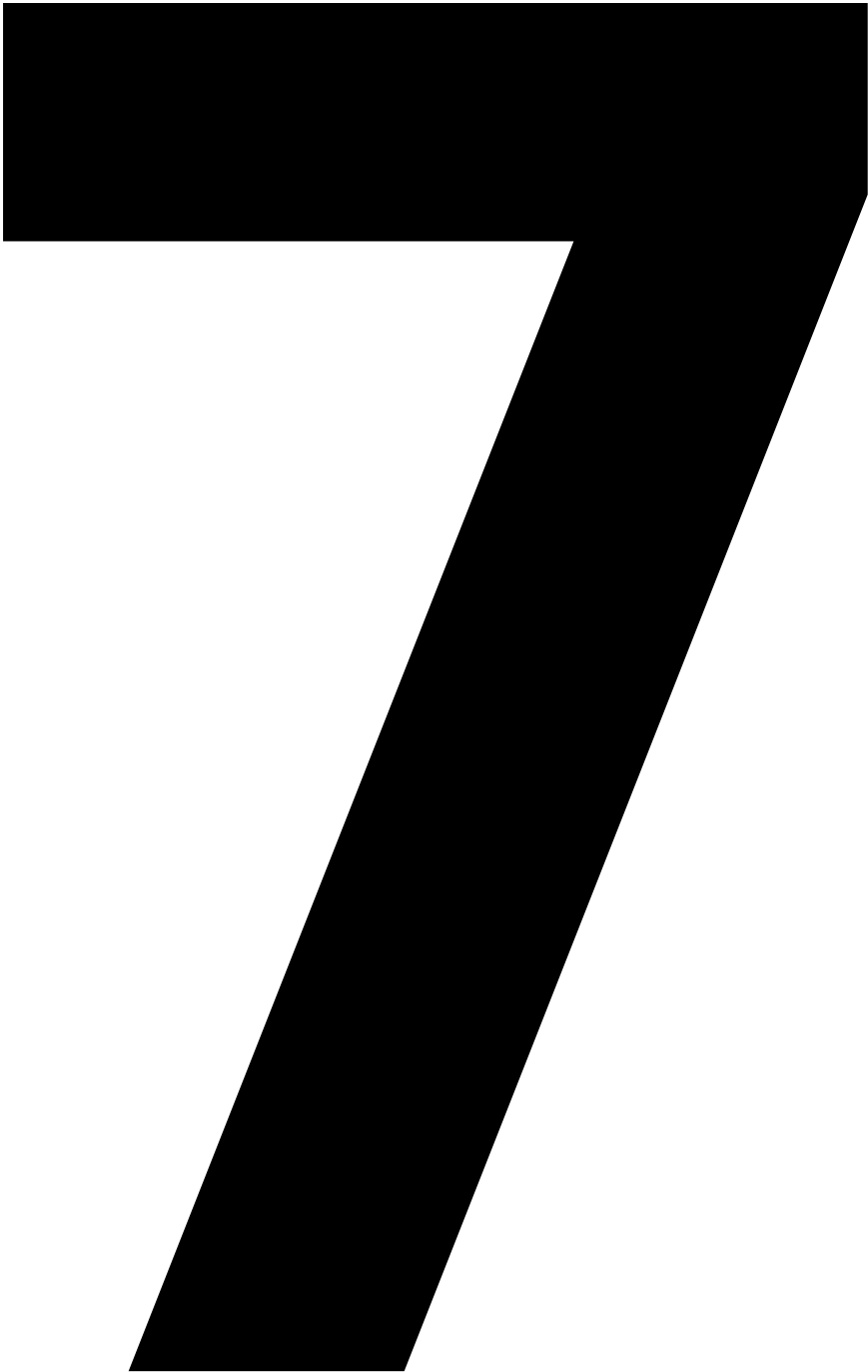
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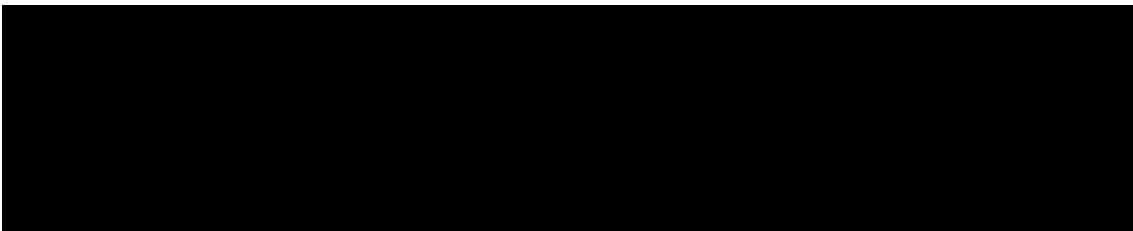


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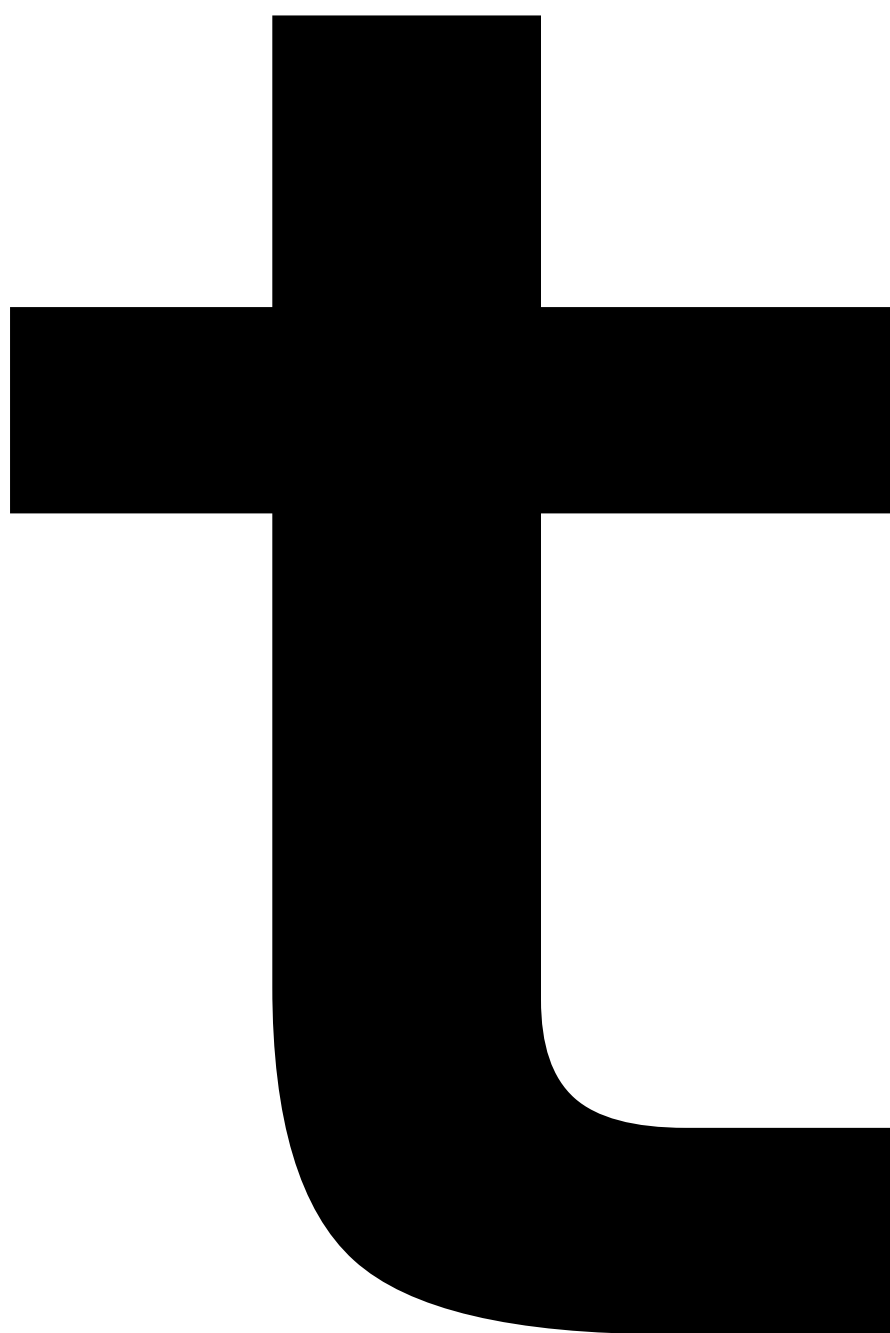
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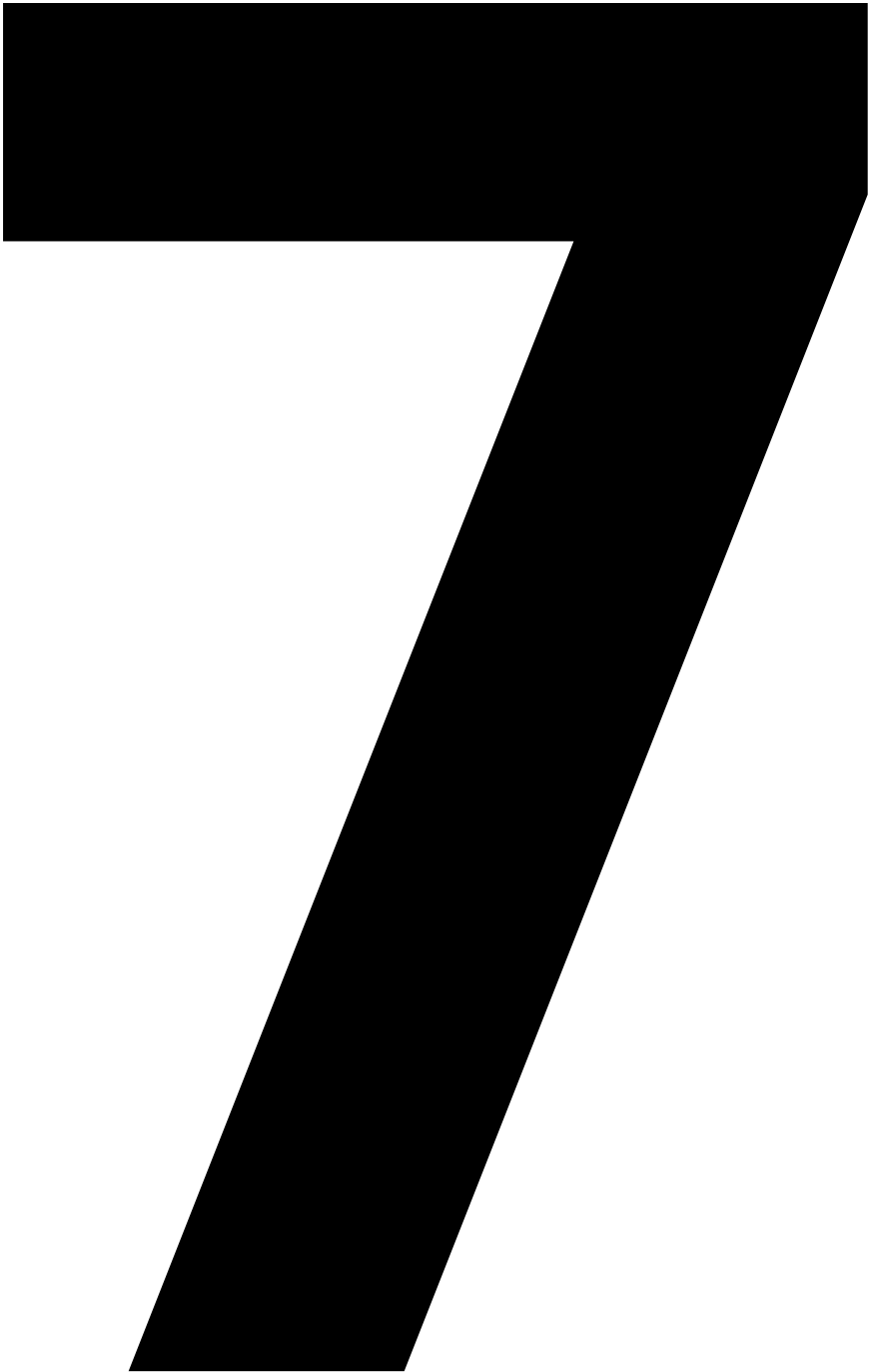
**m**

















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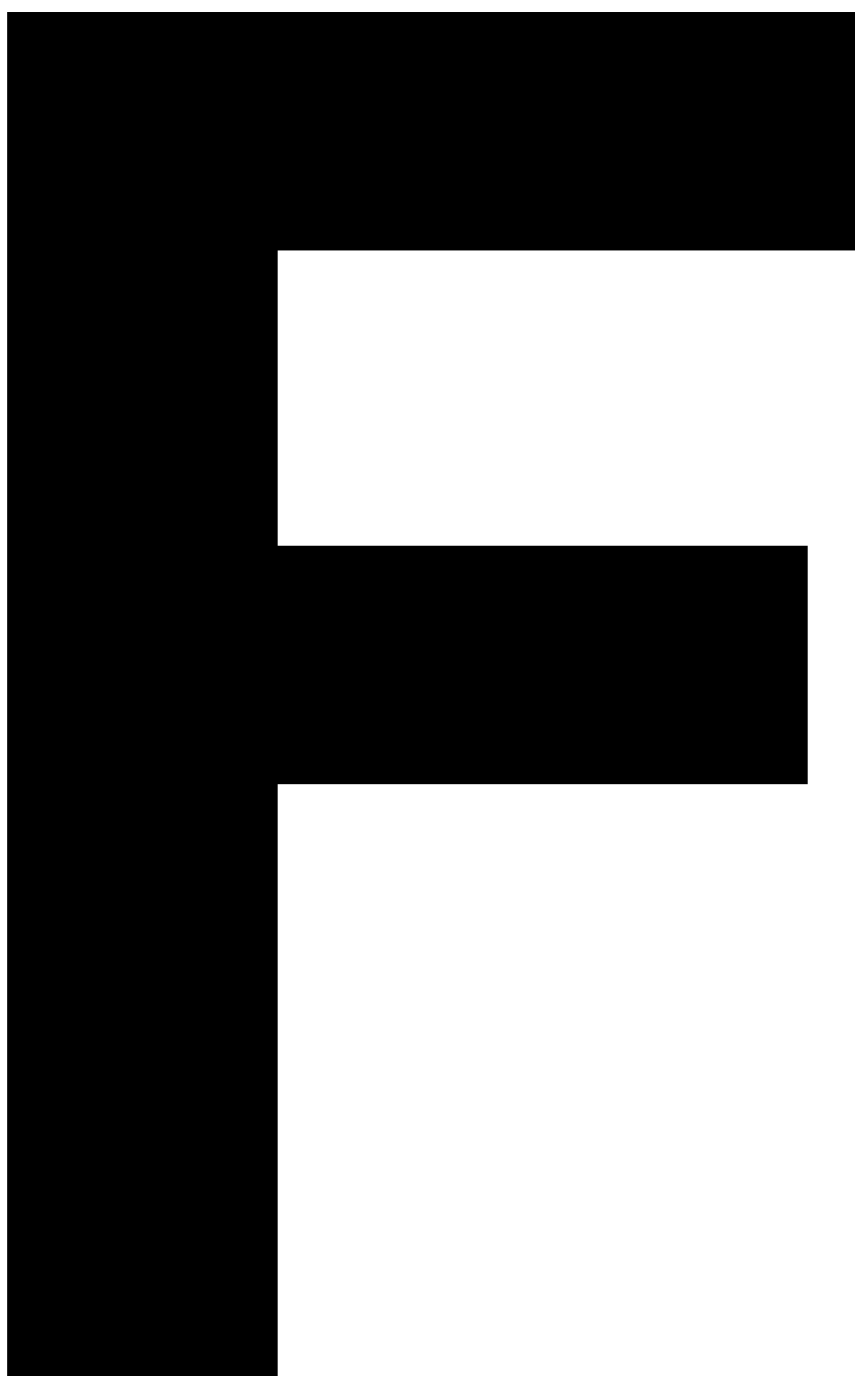
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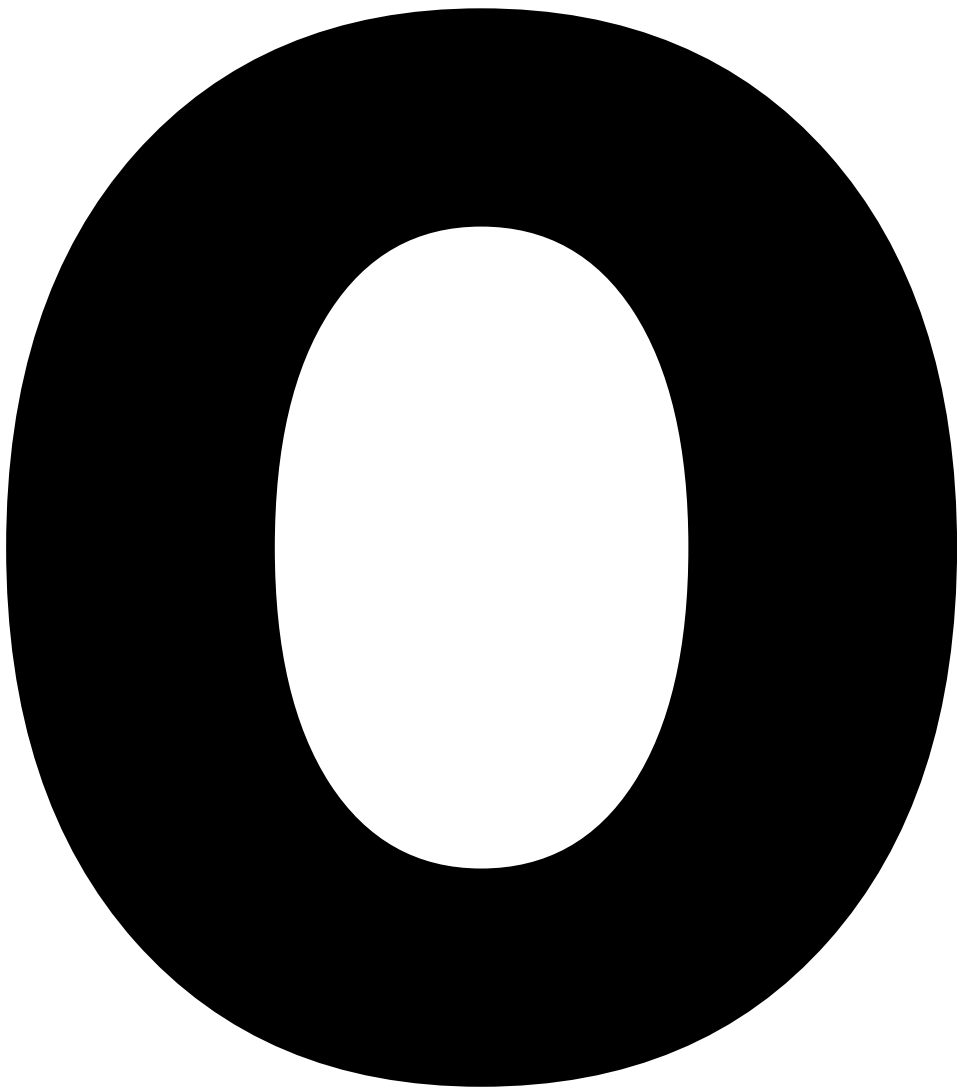


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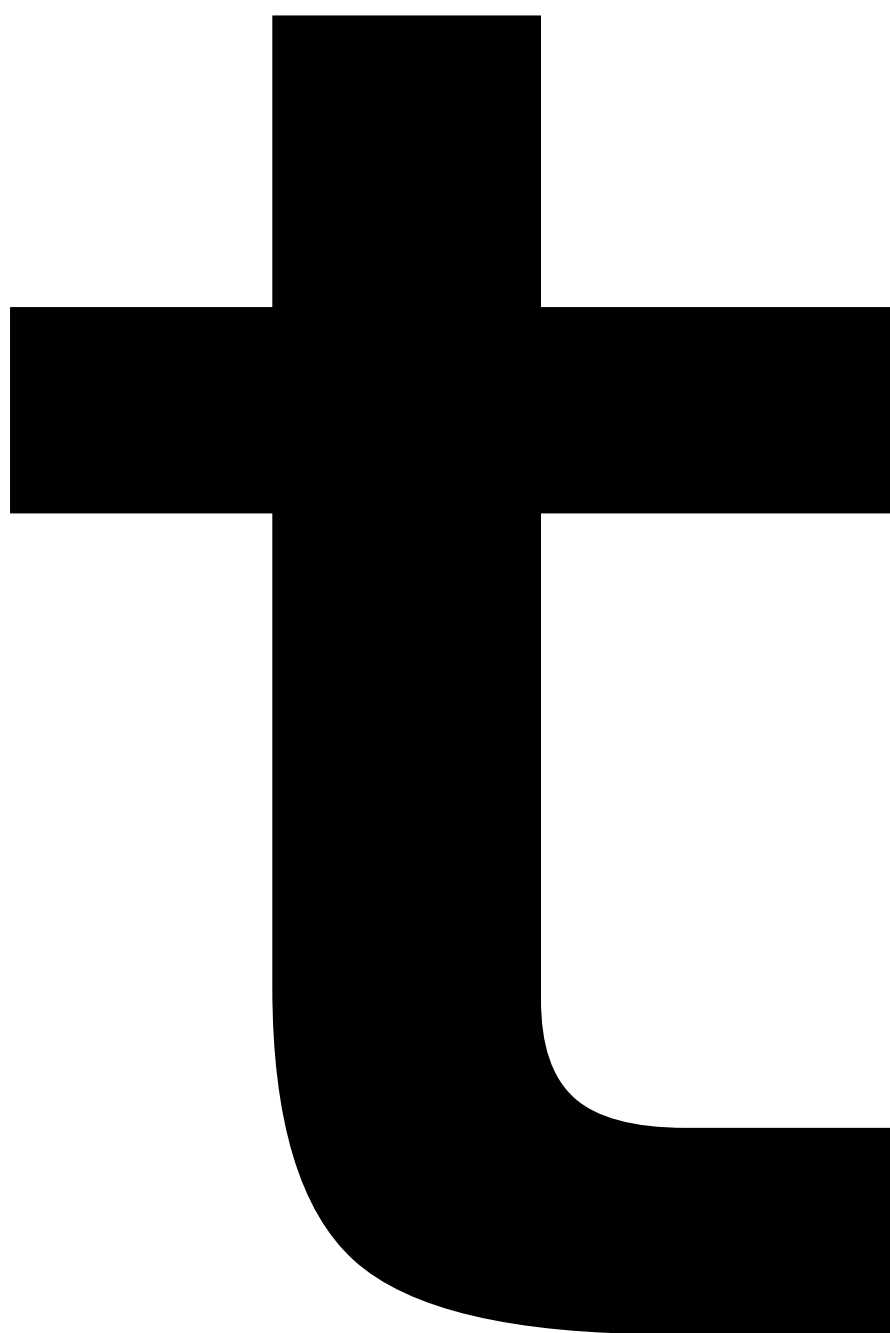














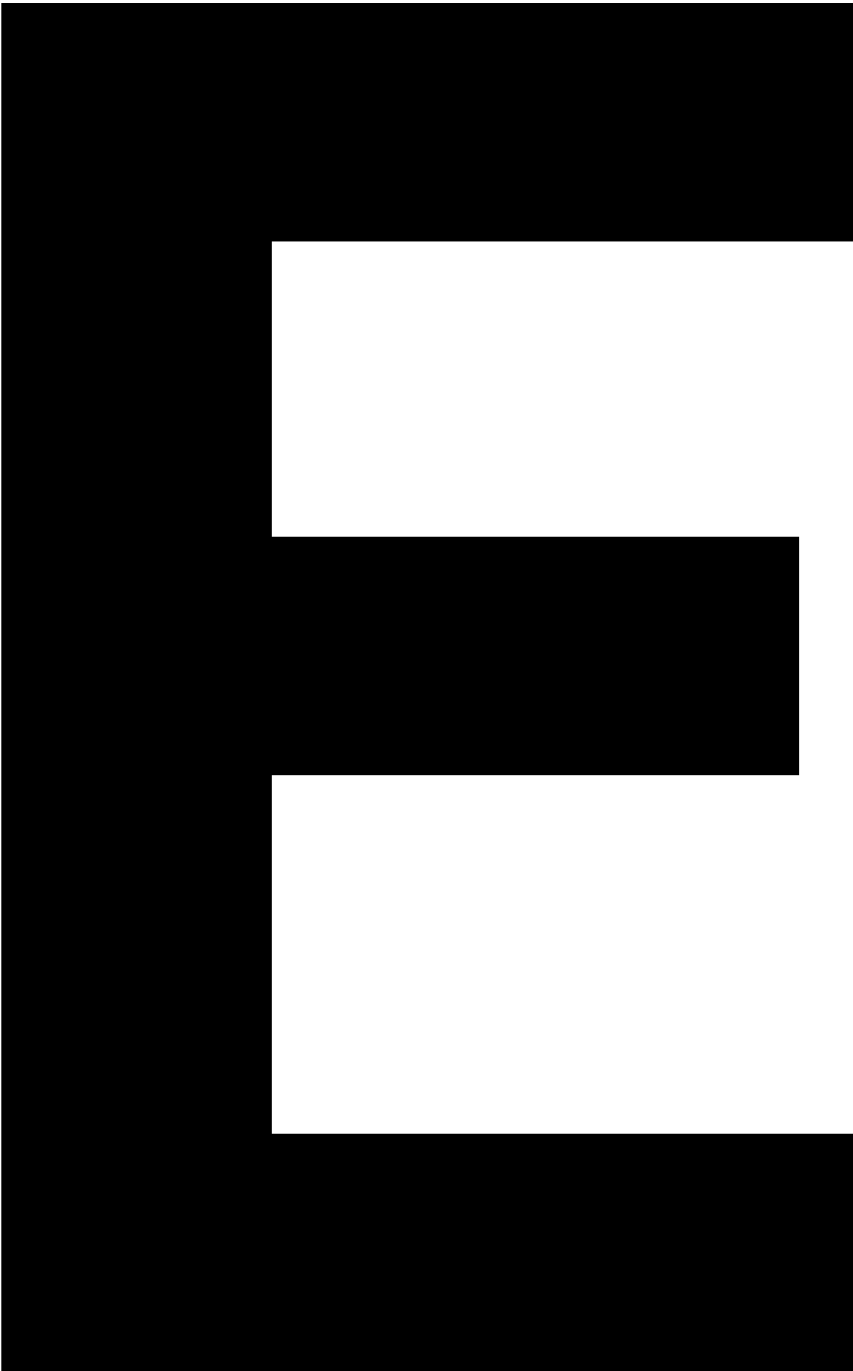














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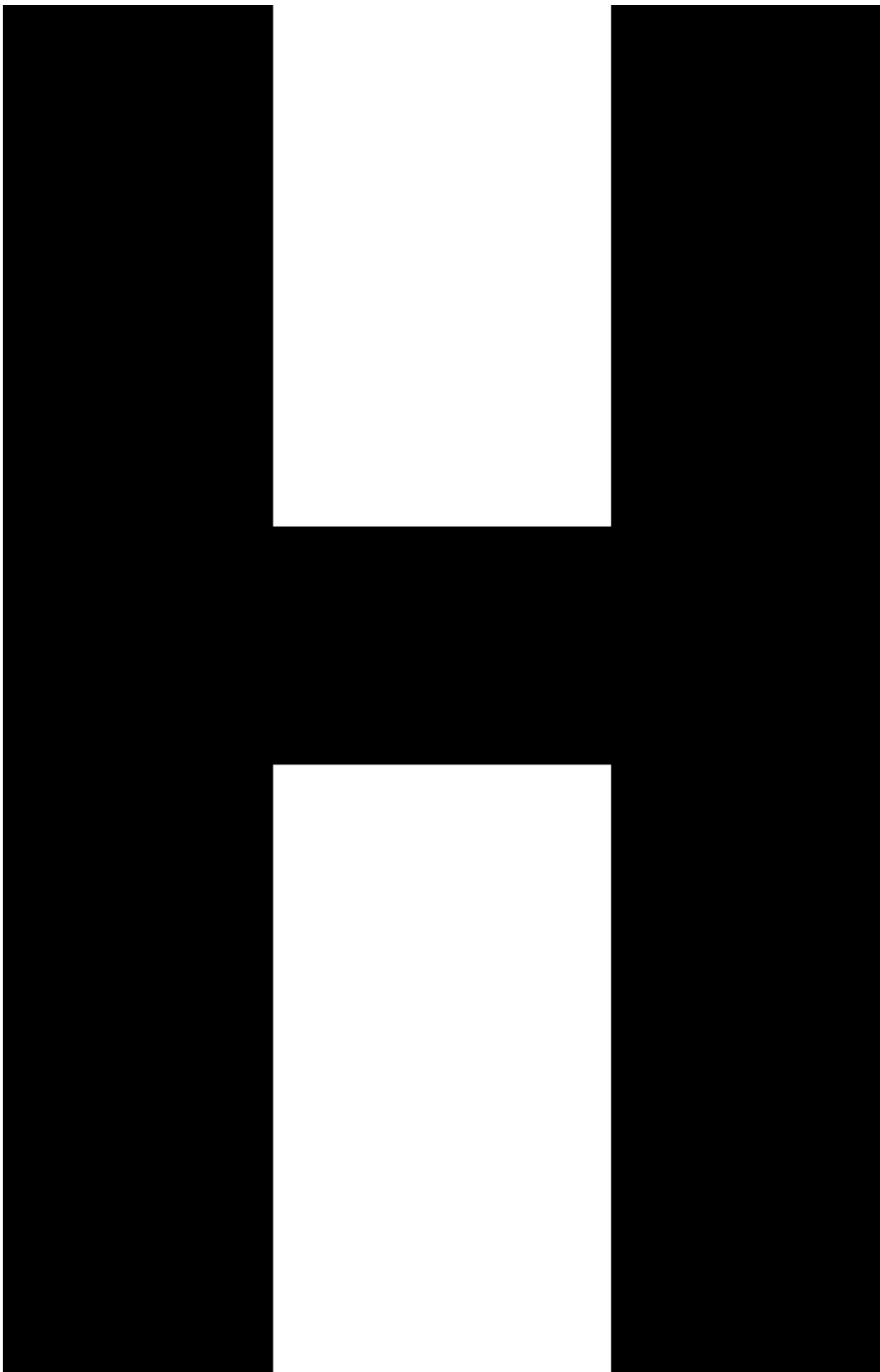


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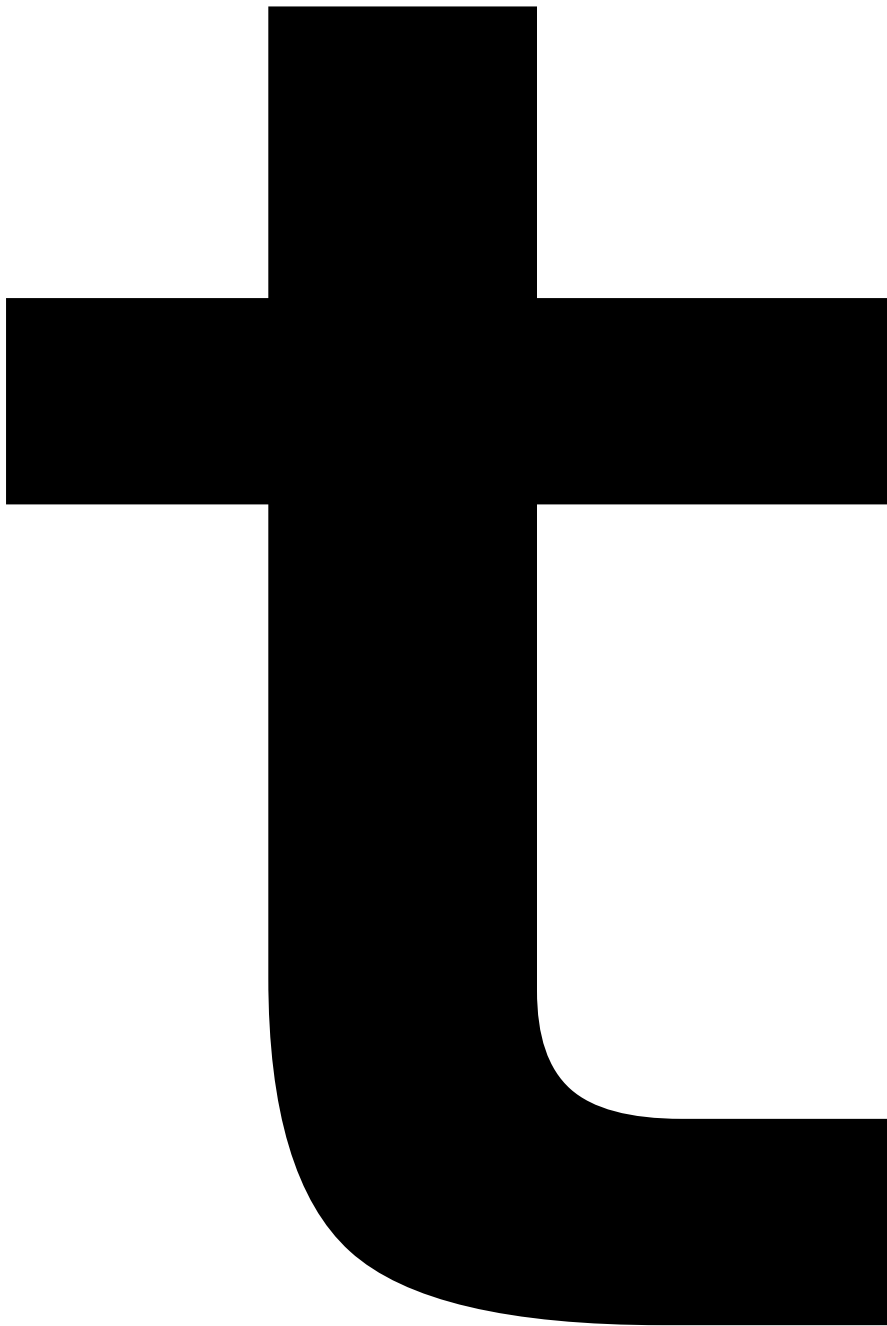


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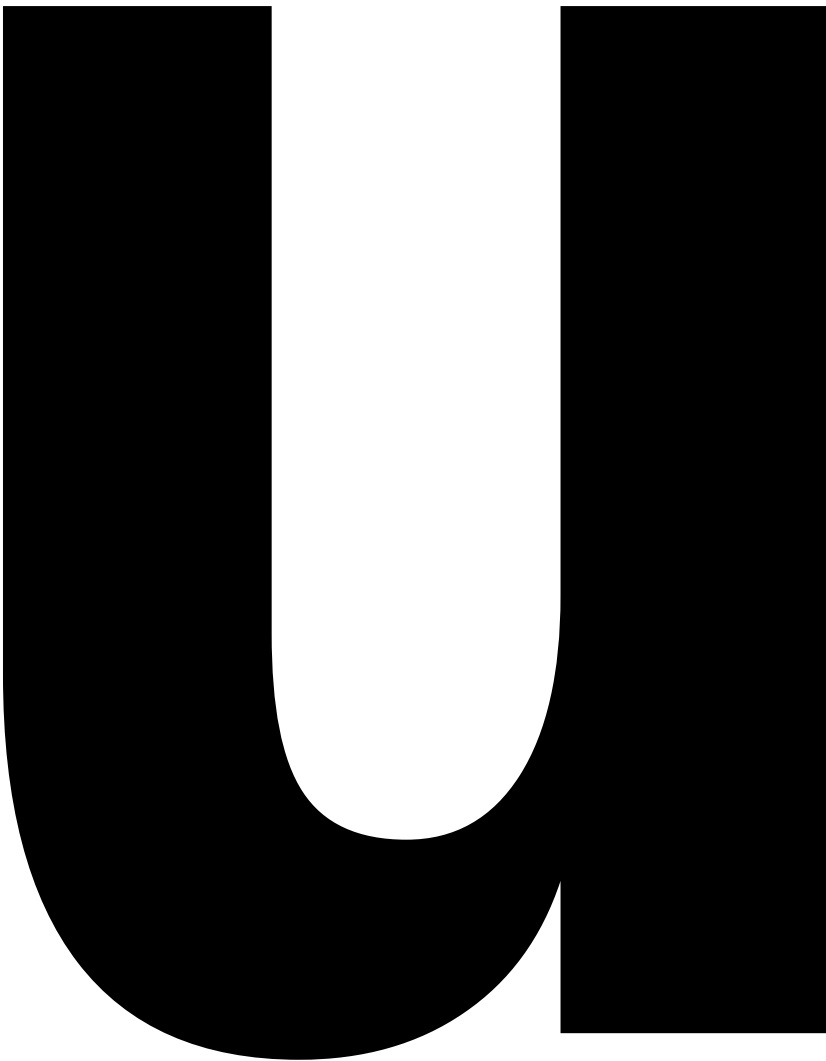


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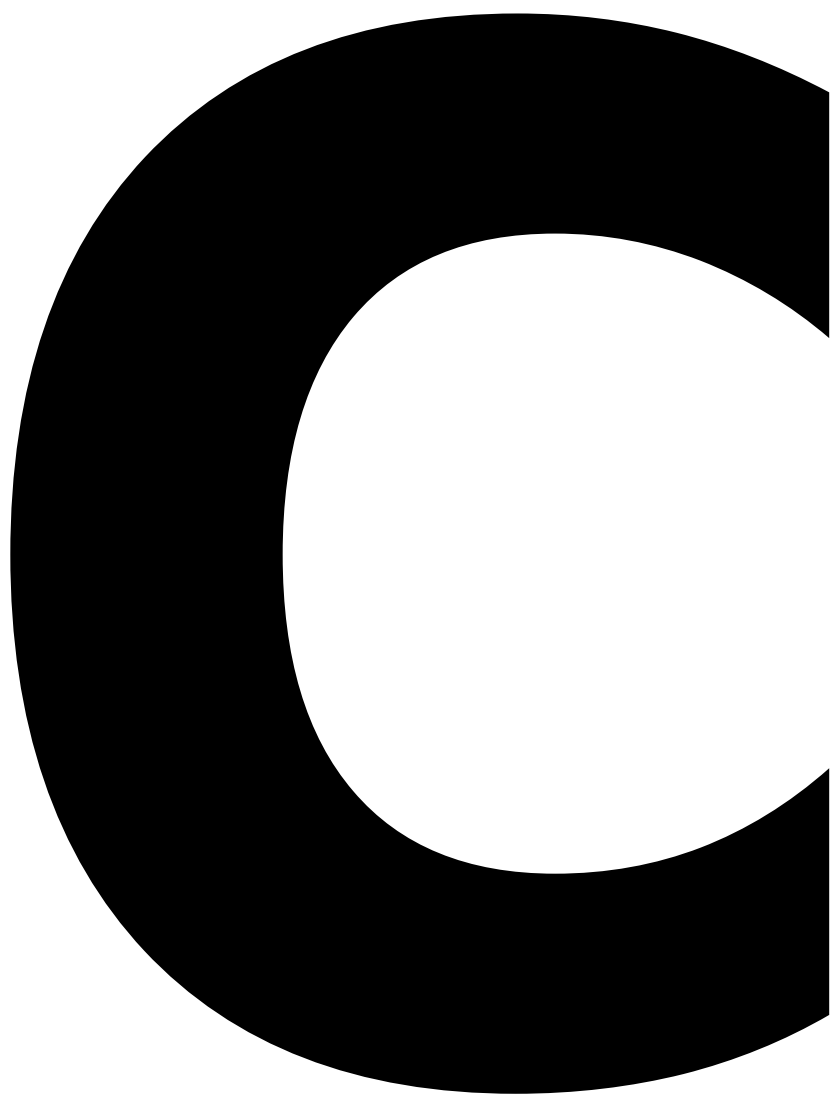


**u**



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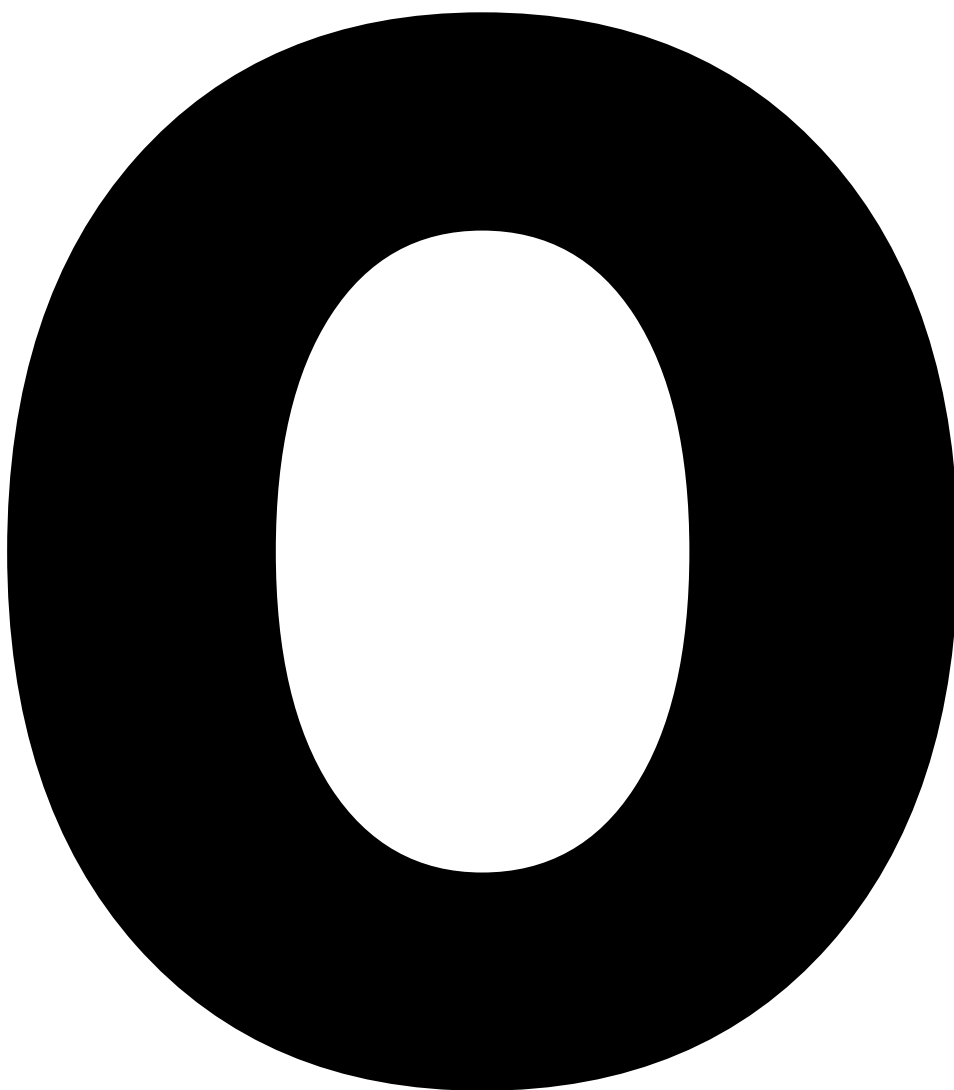


**e**



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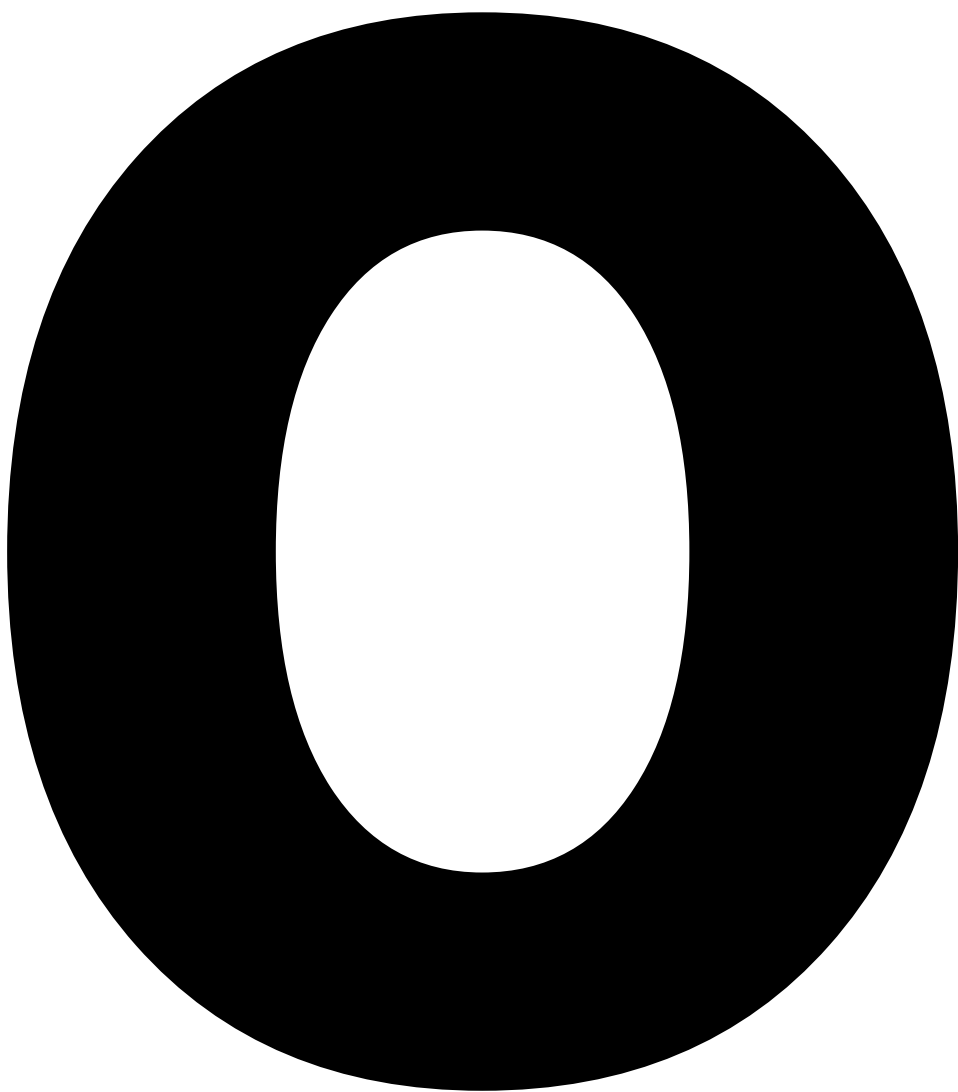


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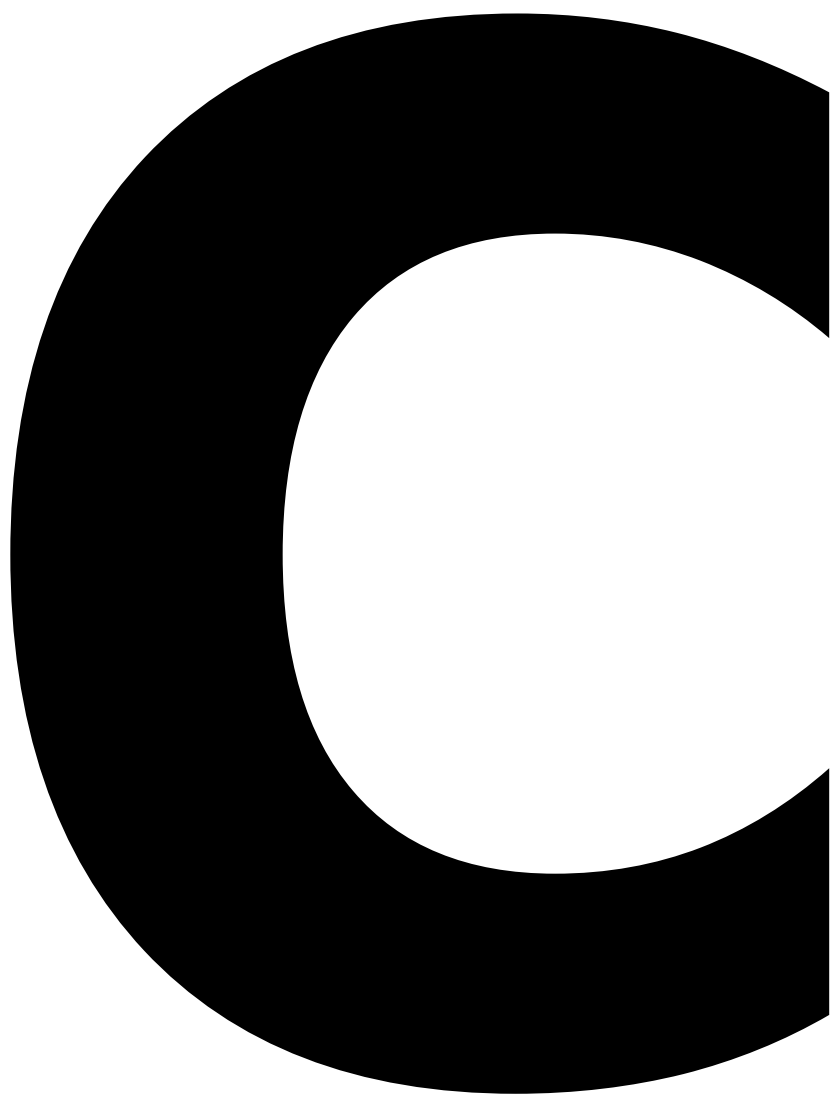
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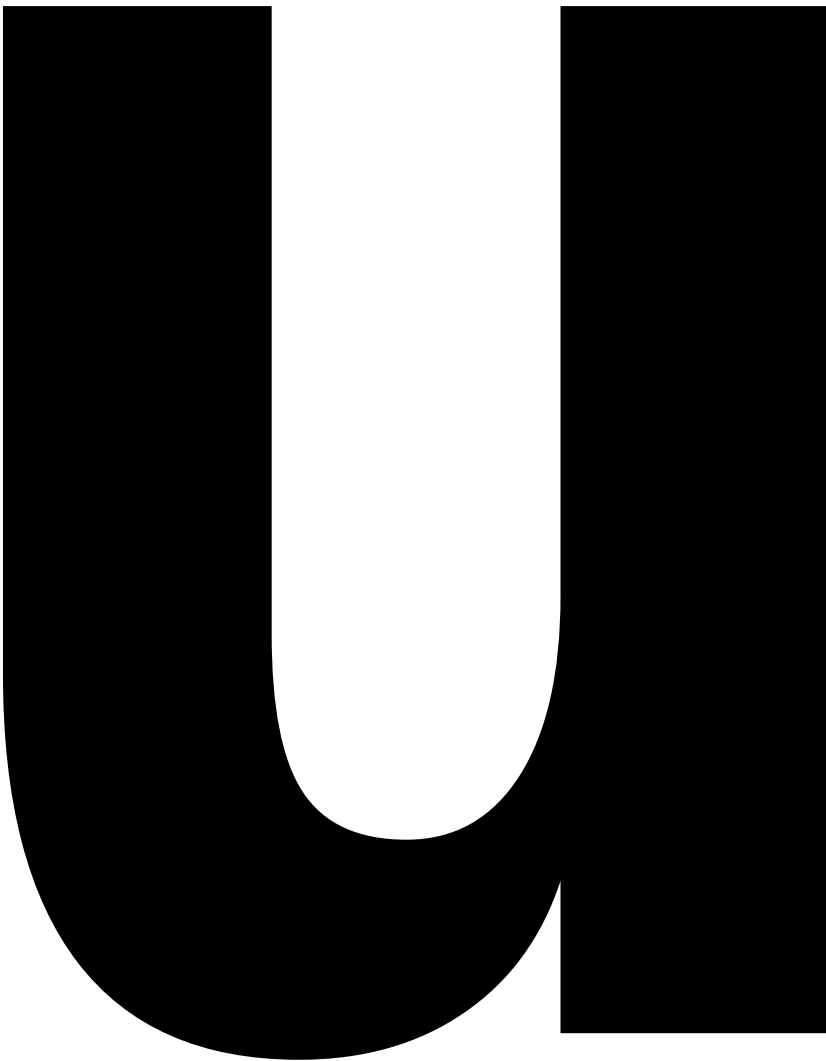


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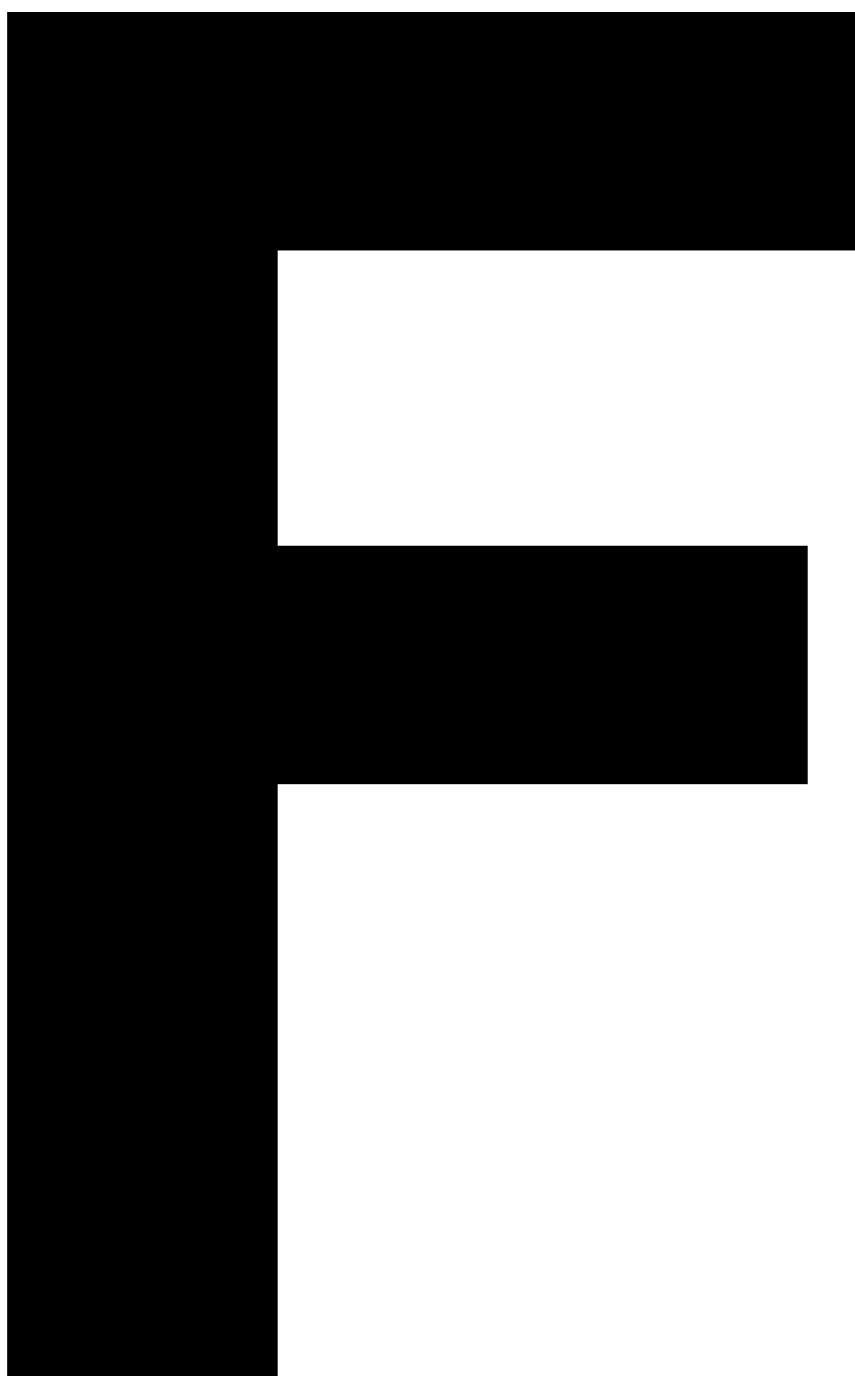




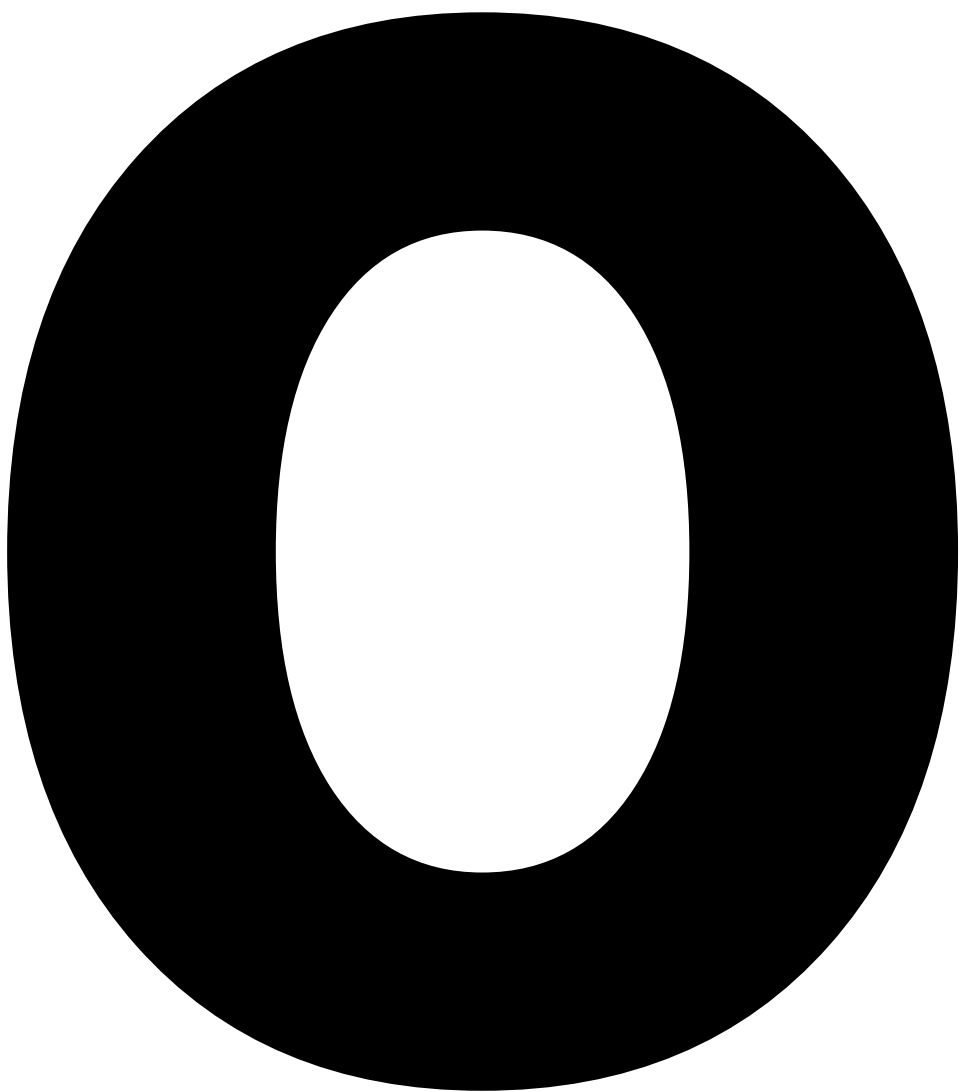






















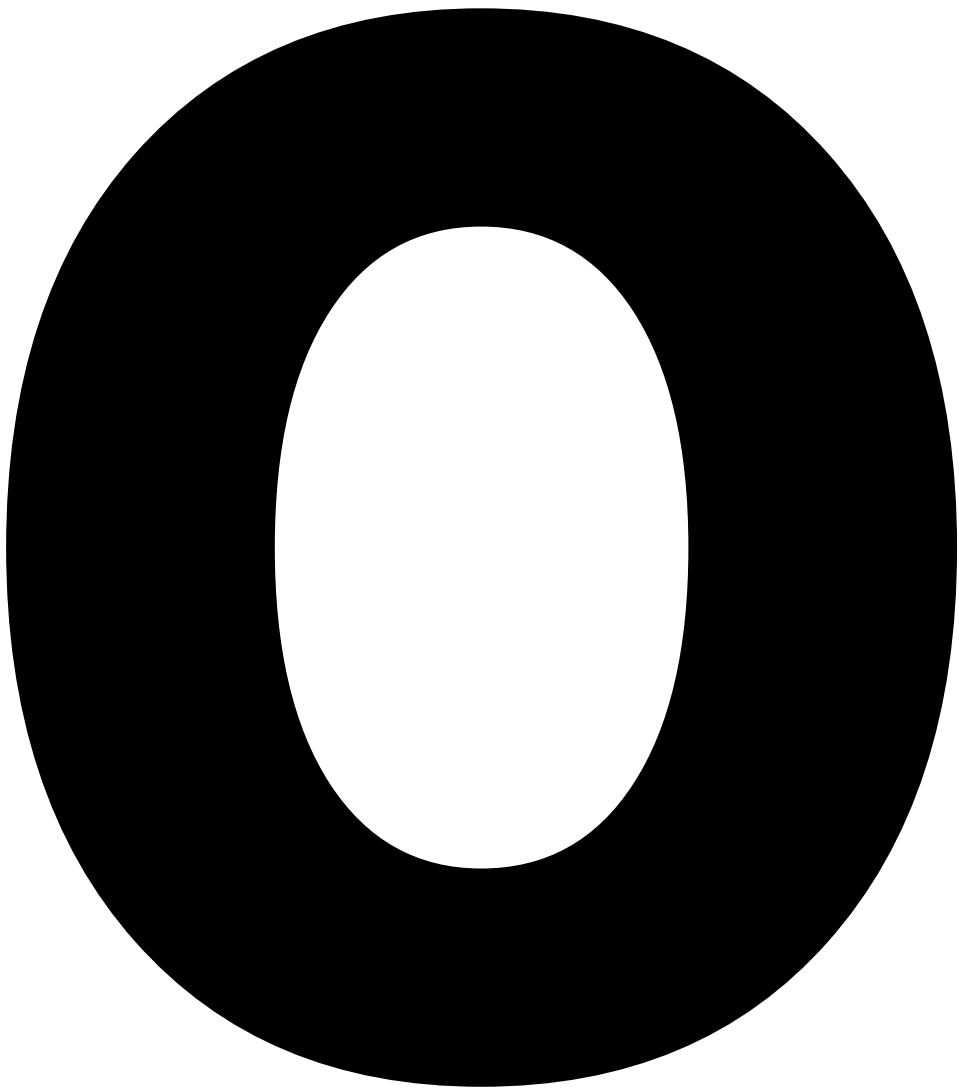






**K**







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**5a**

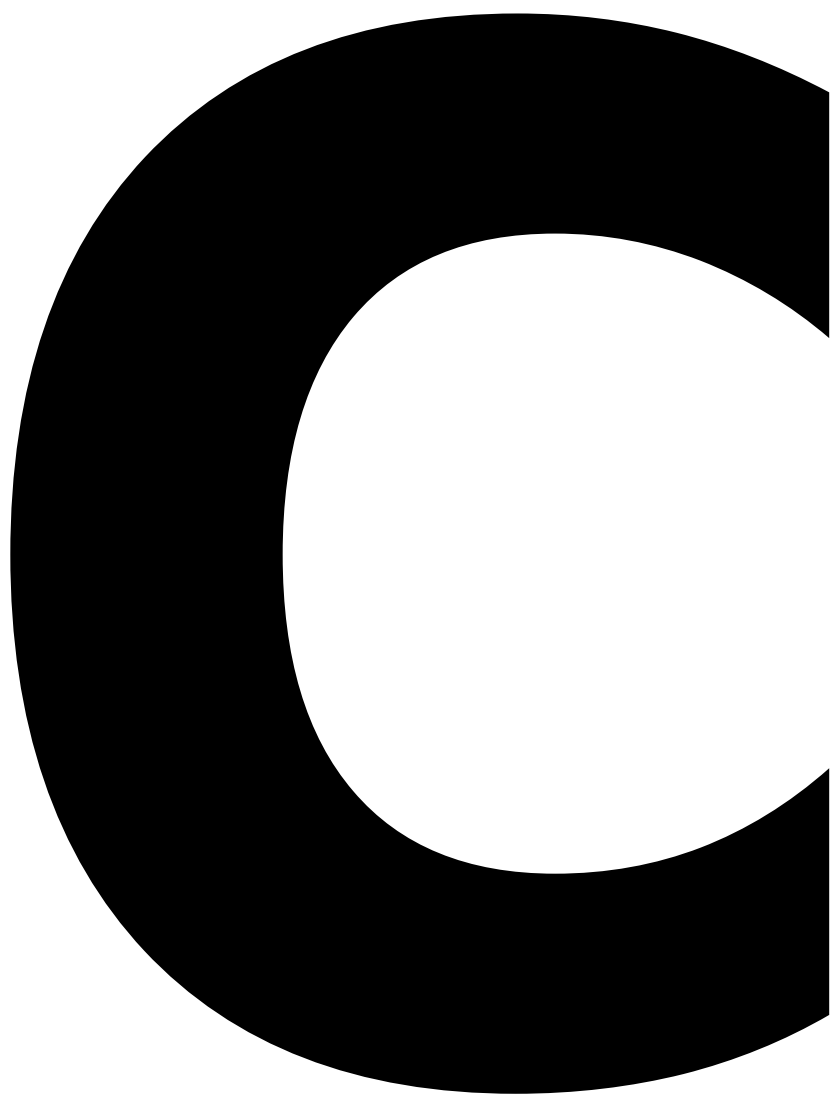






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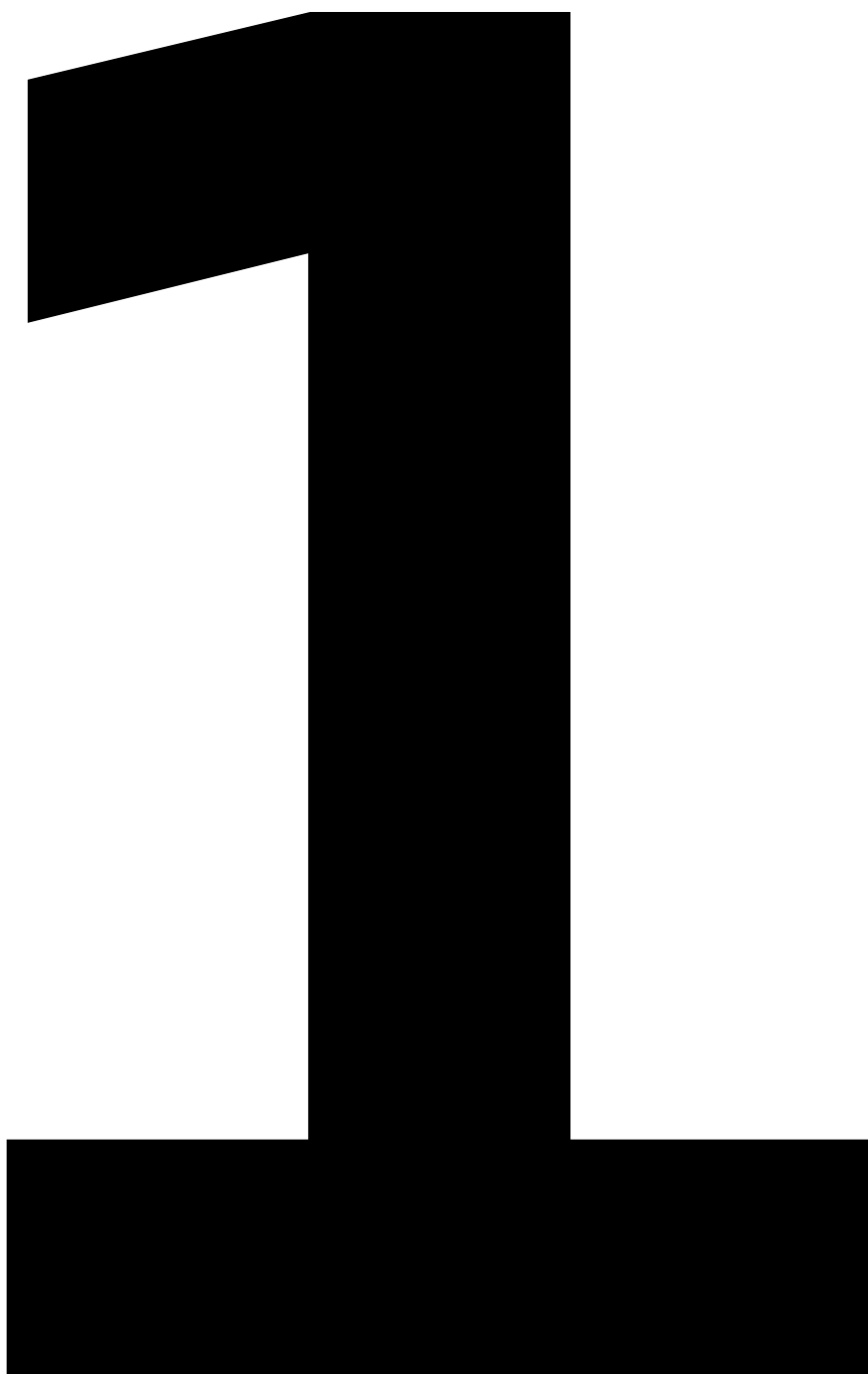




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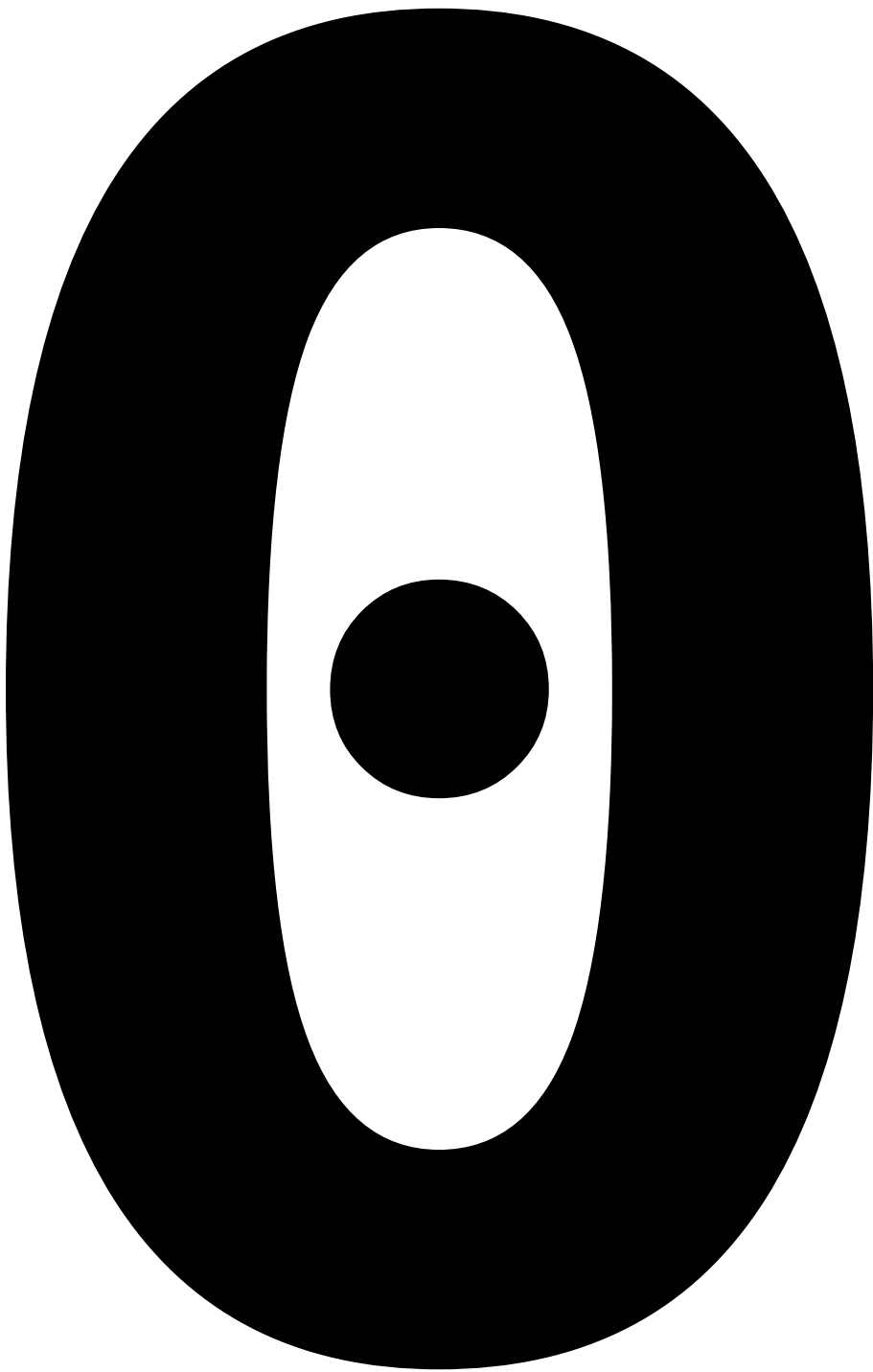
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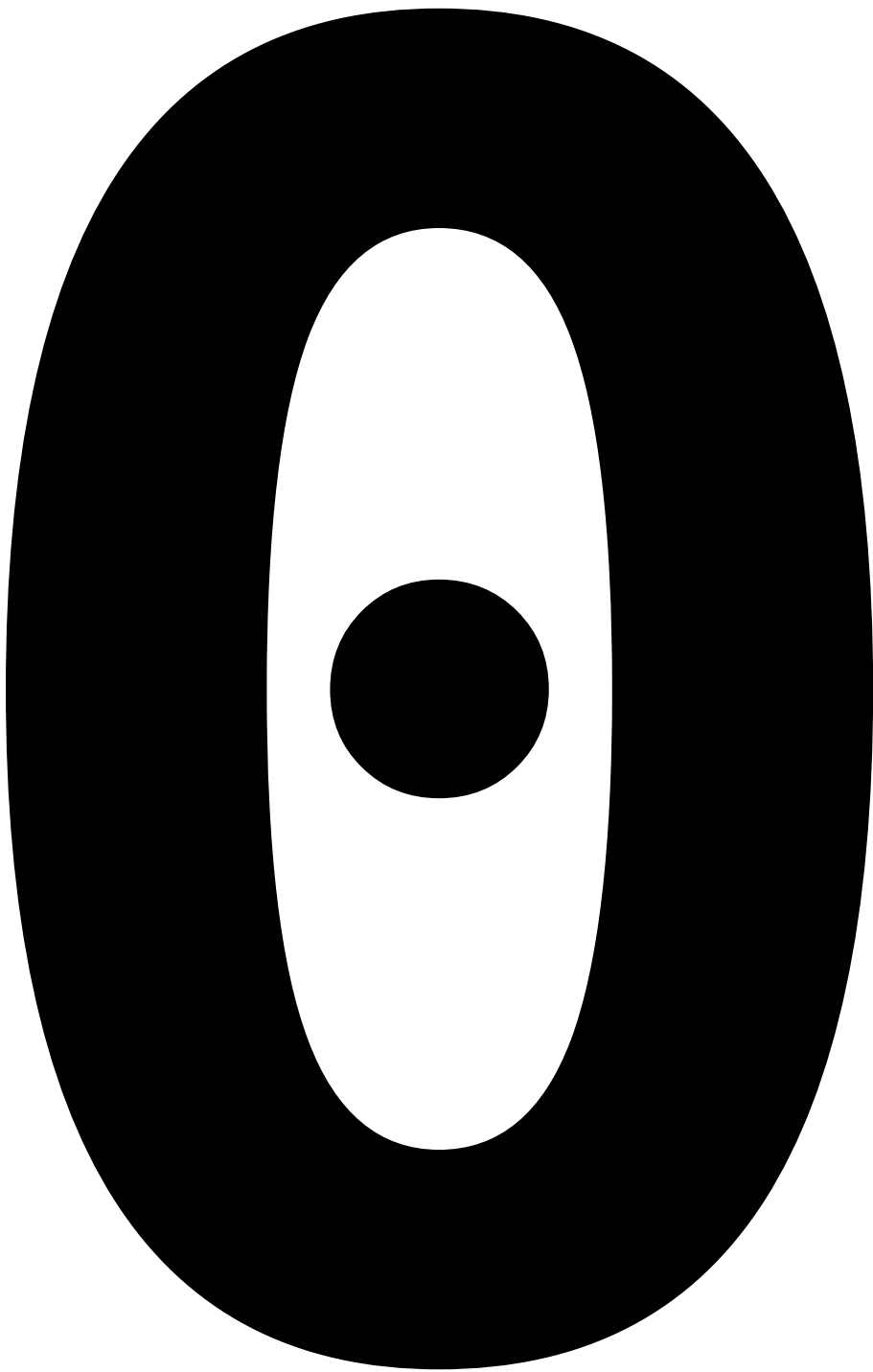




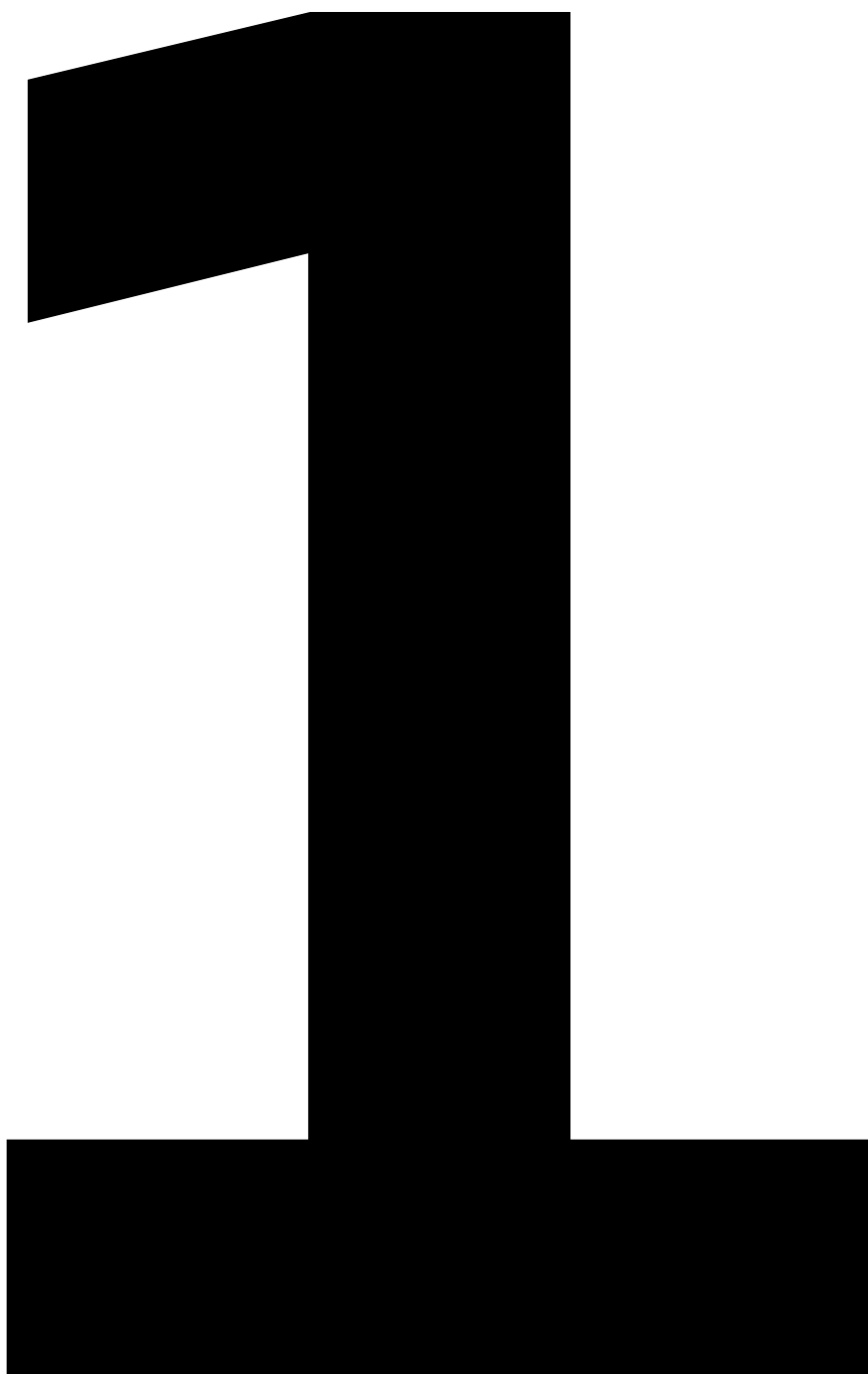
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**J**

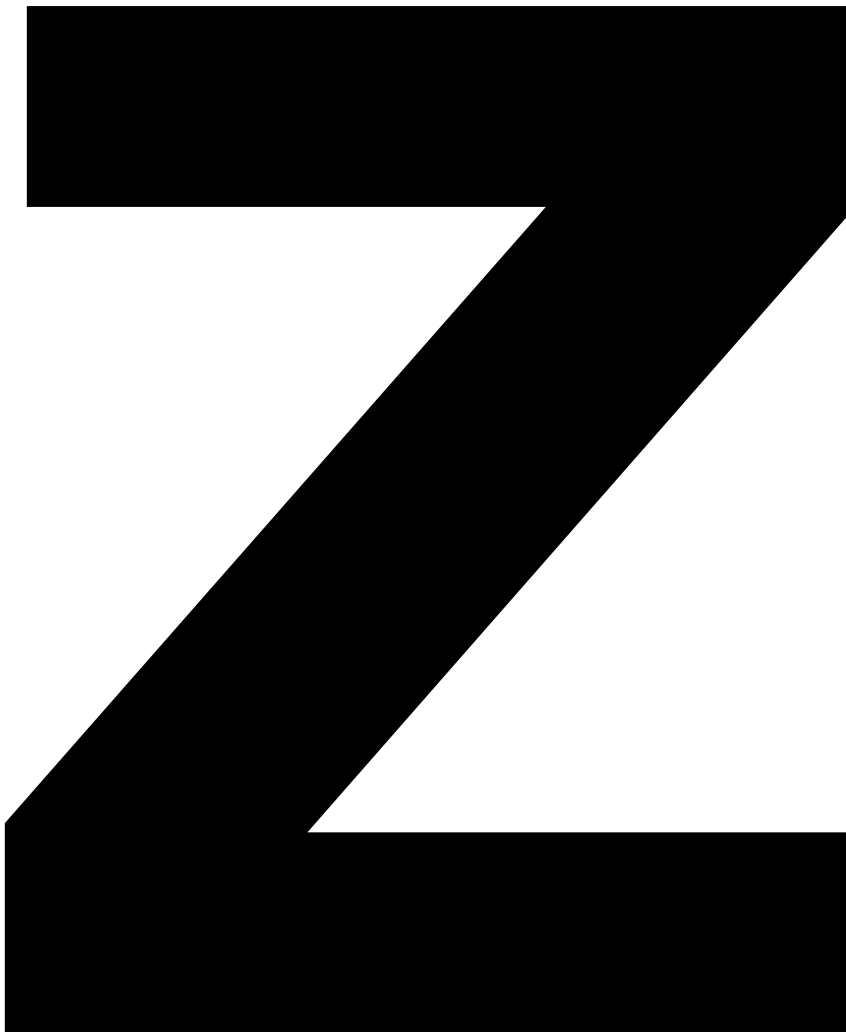


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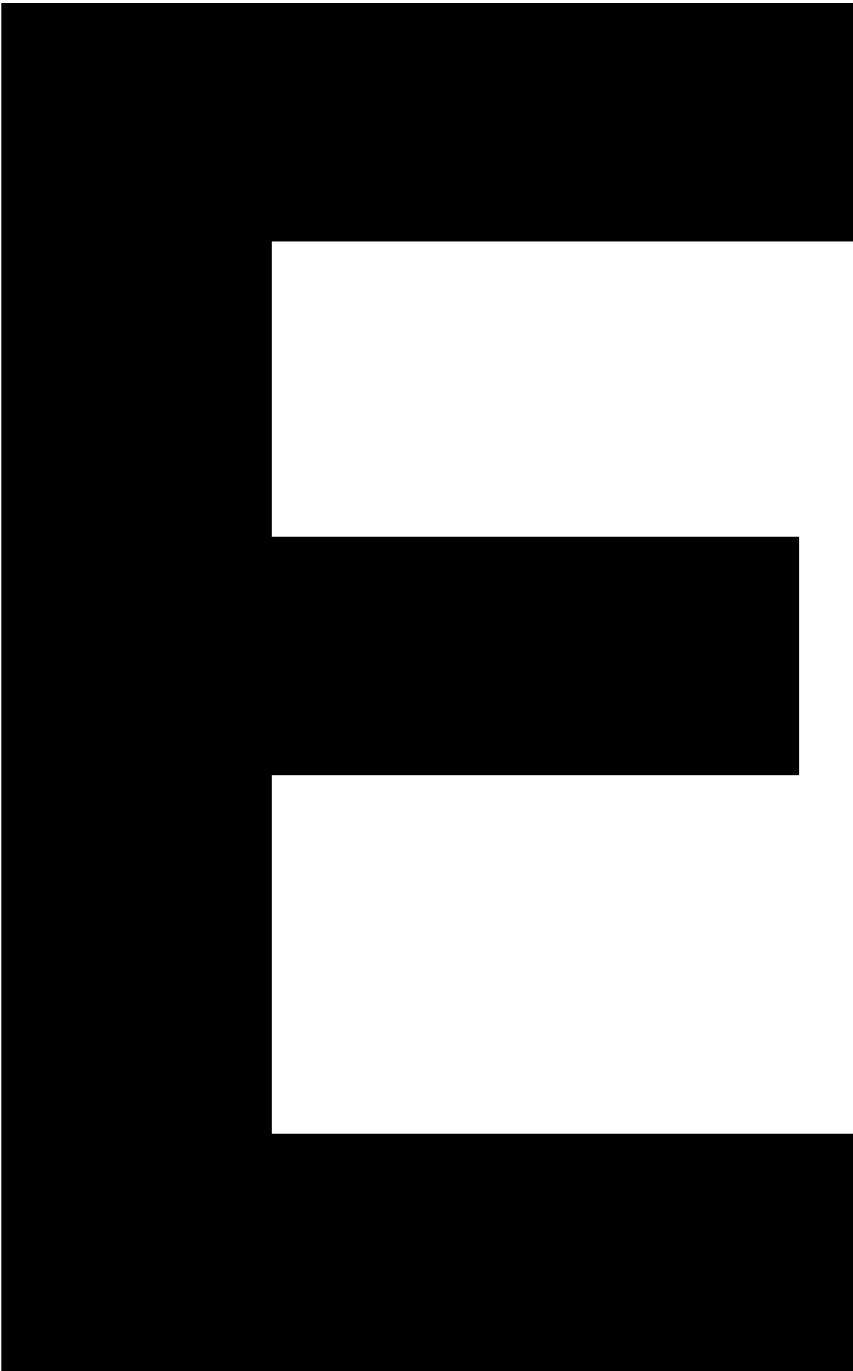


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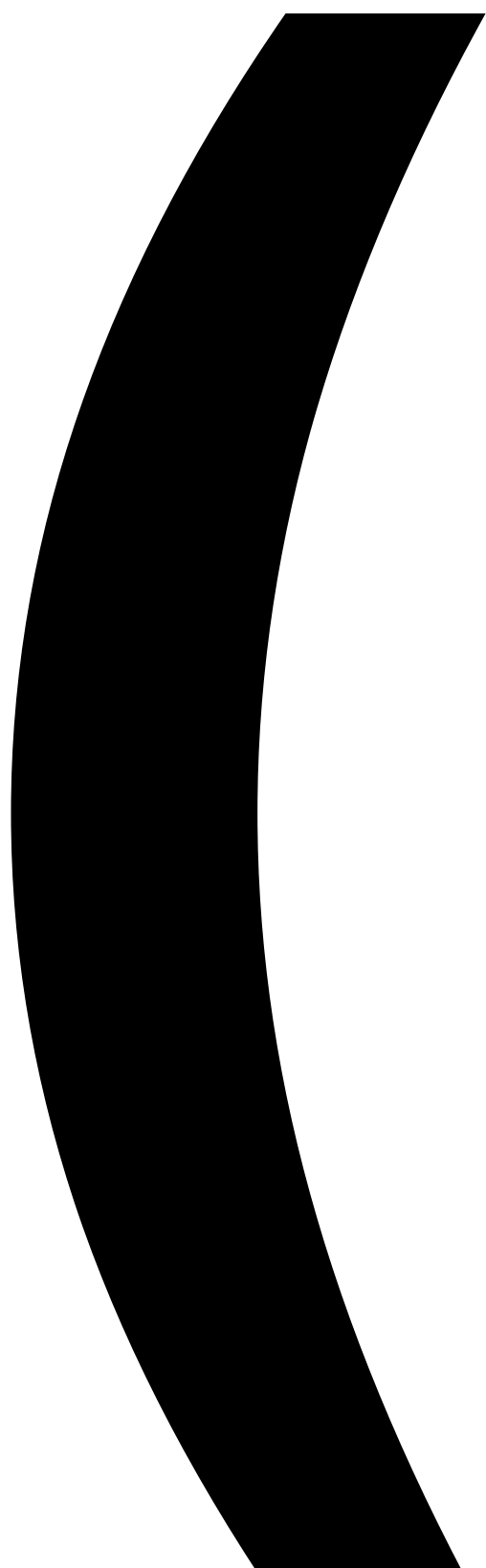
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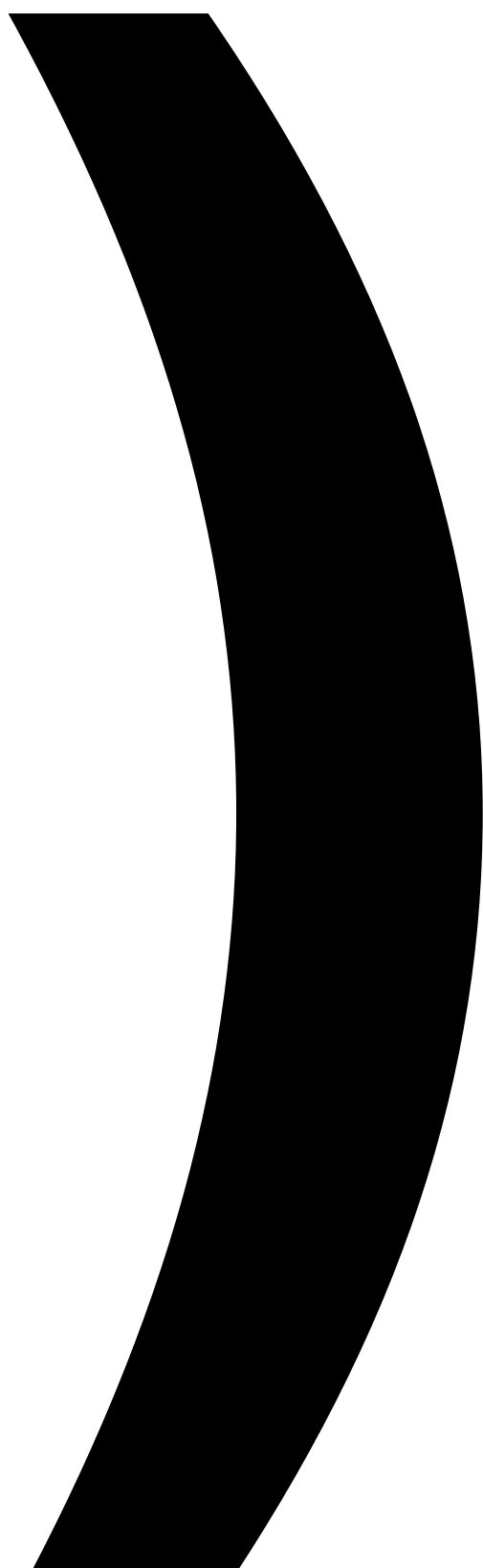






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**D**



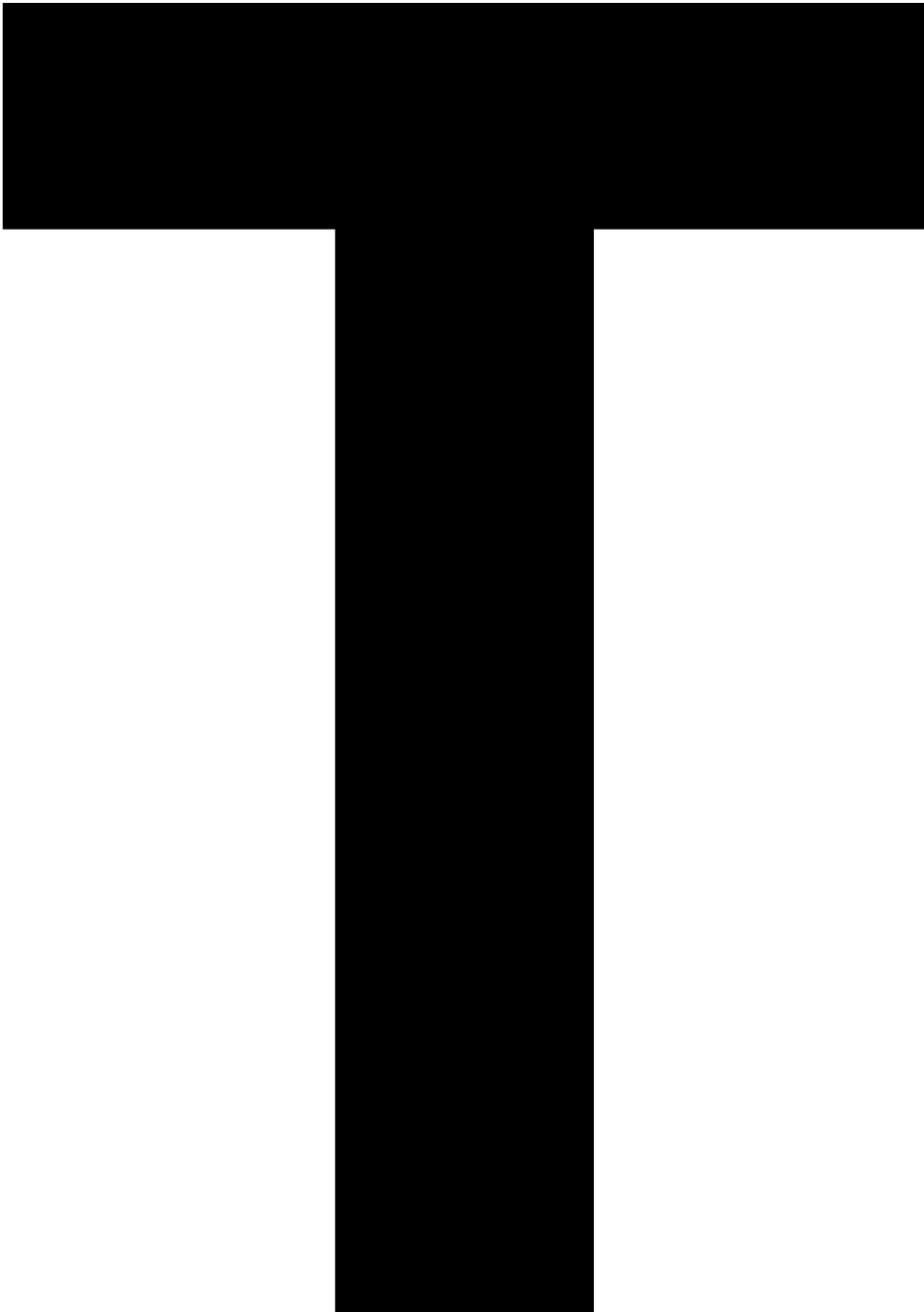






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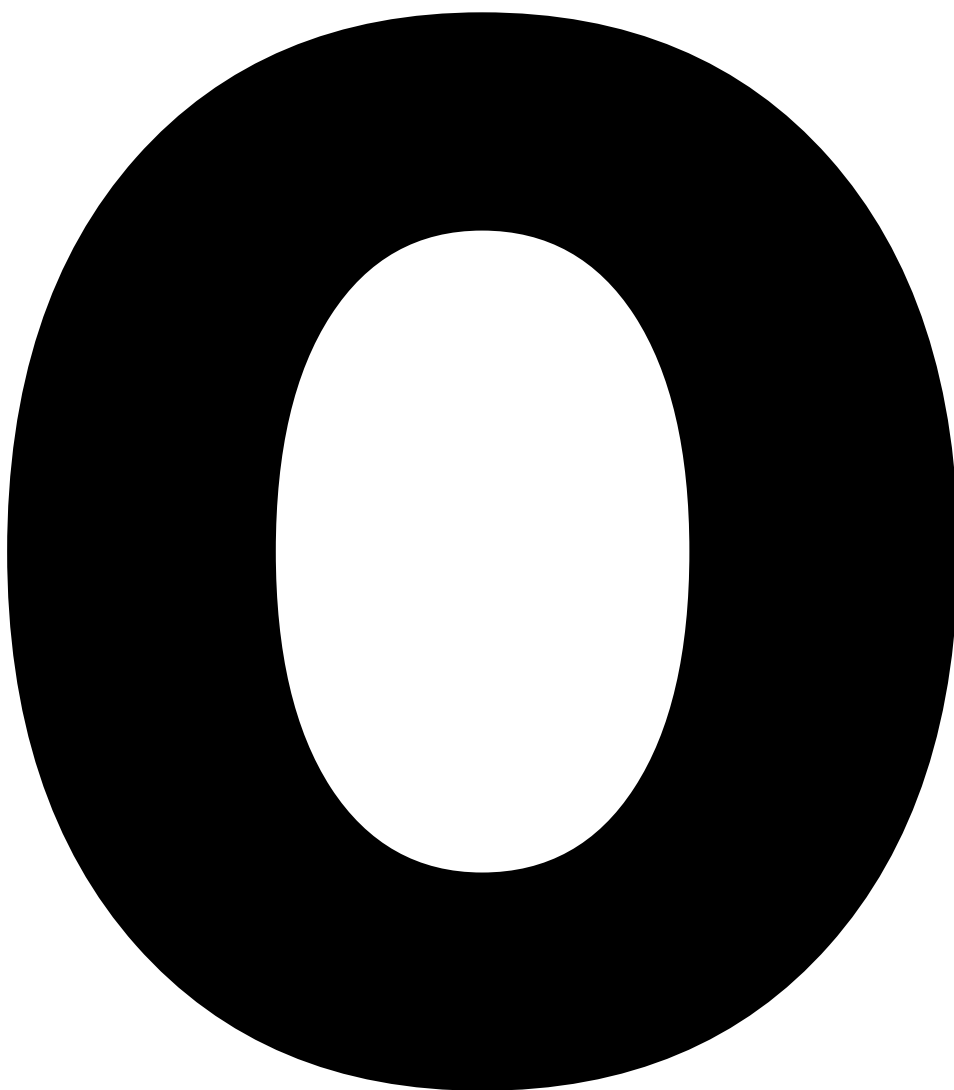
**S**



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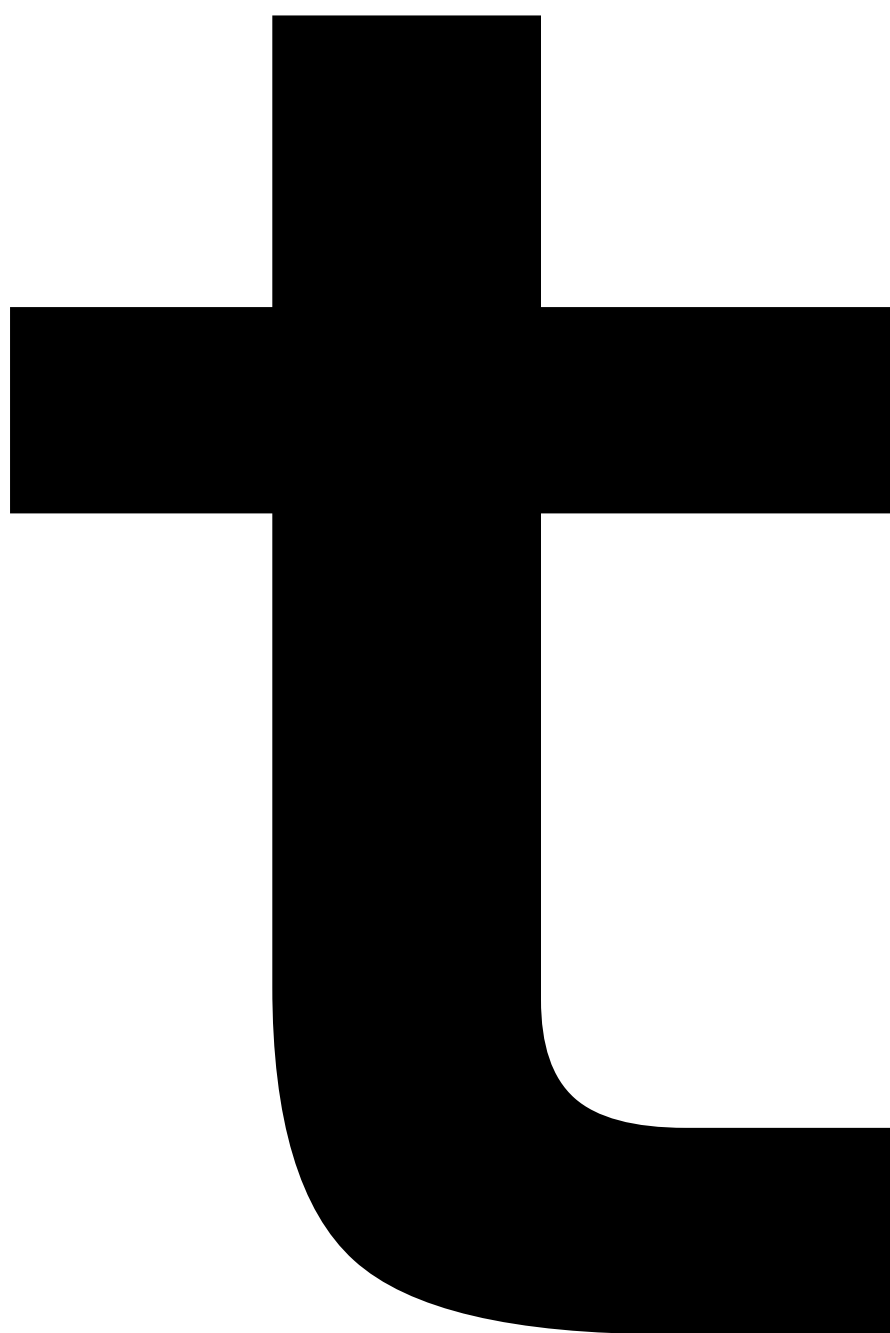
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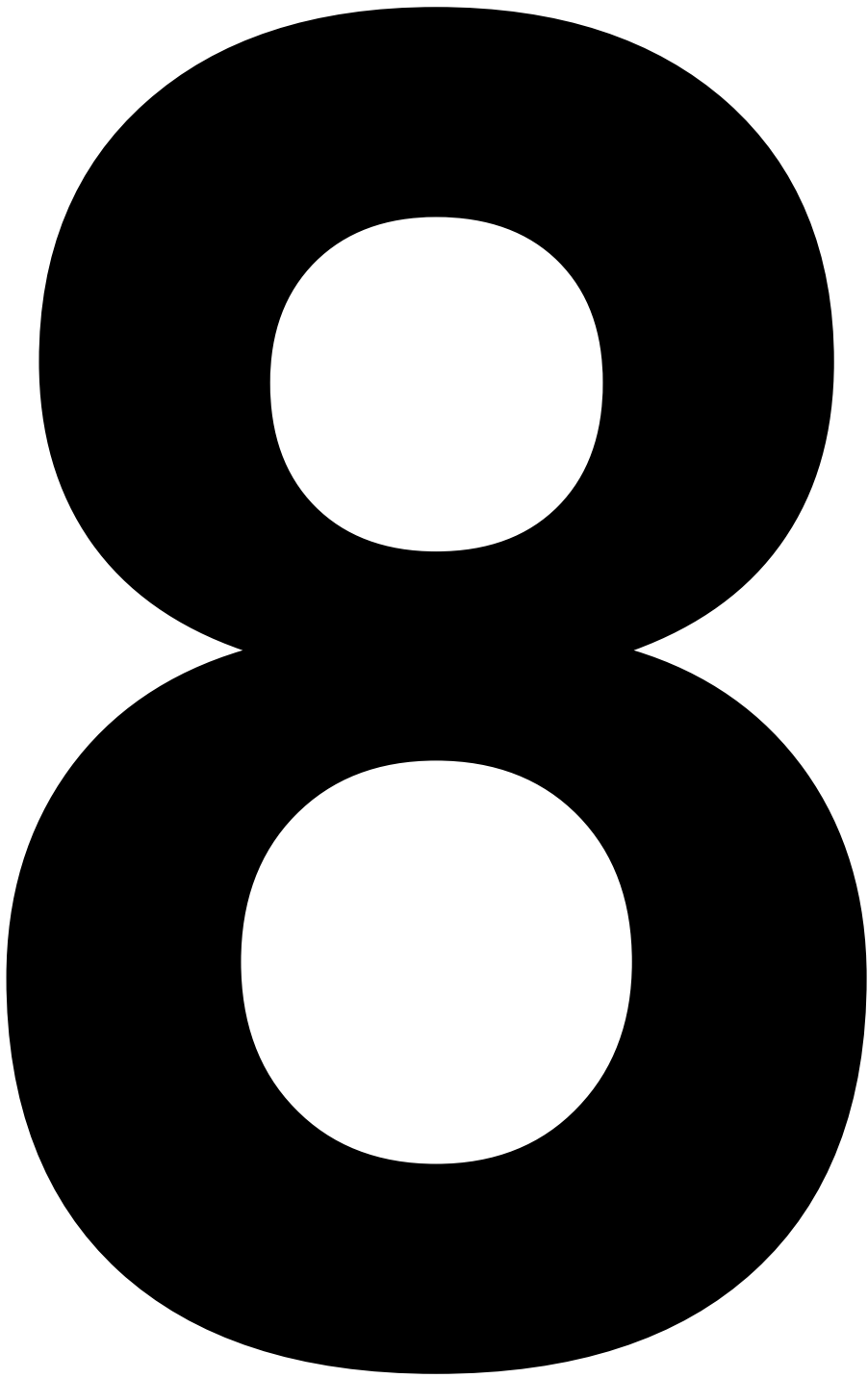
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**Q**







**C**



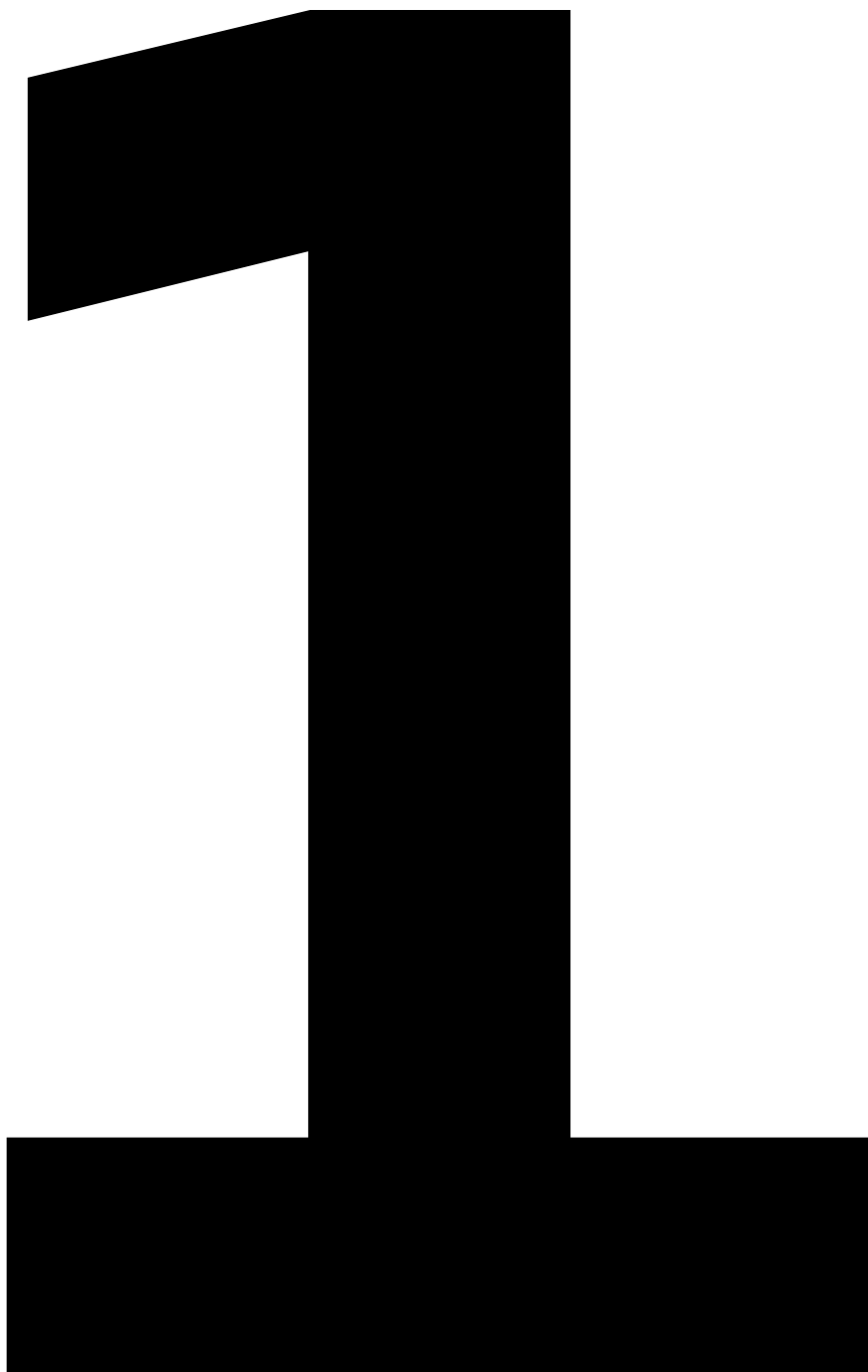
**u**





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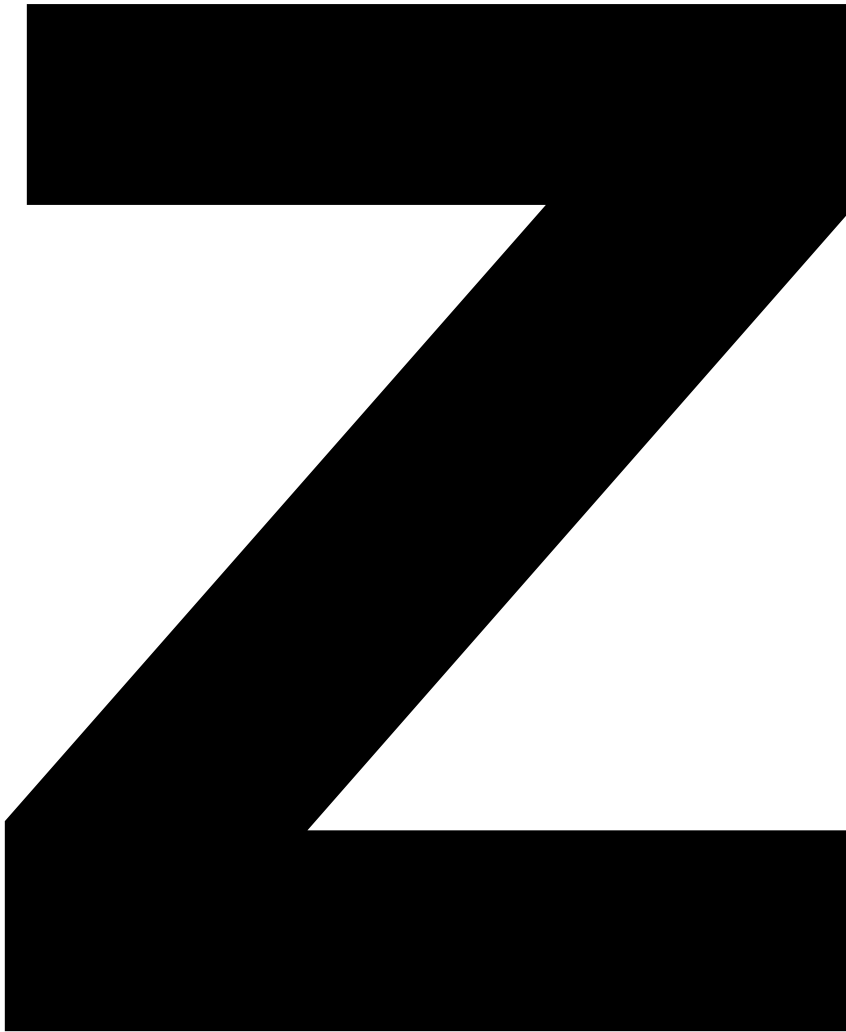


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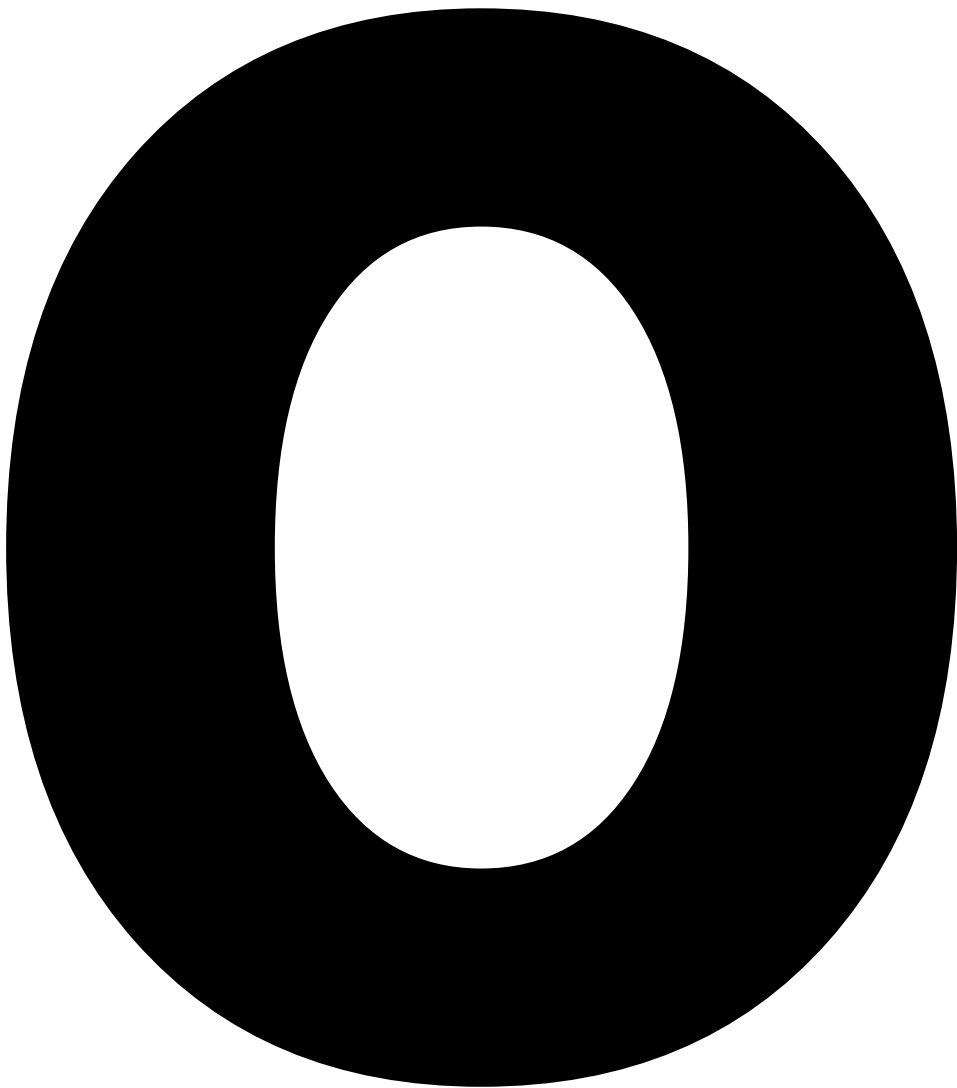


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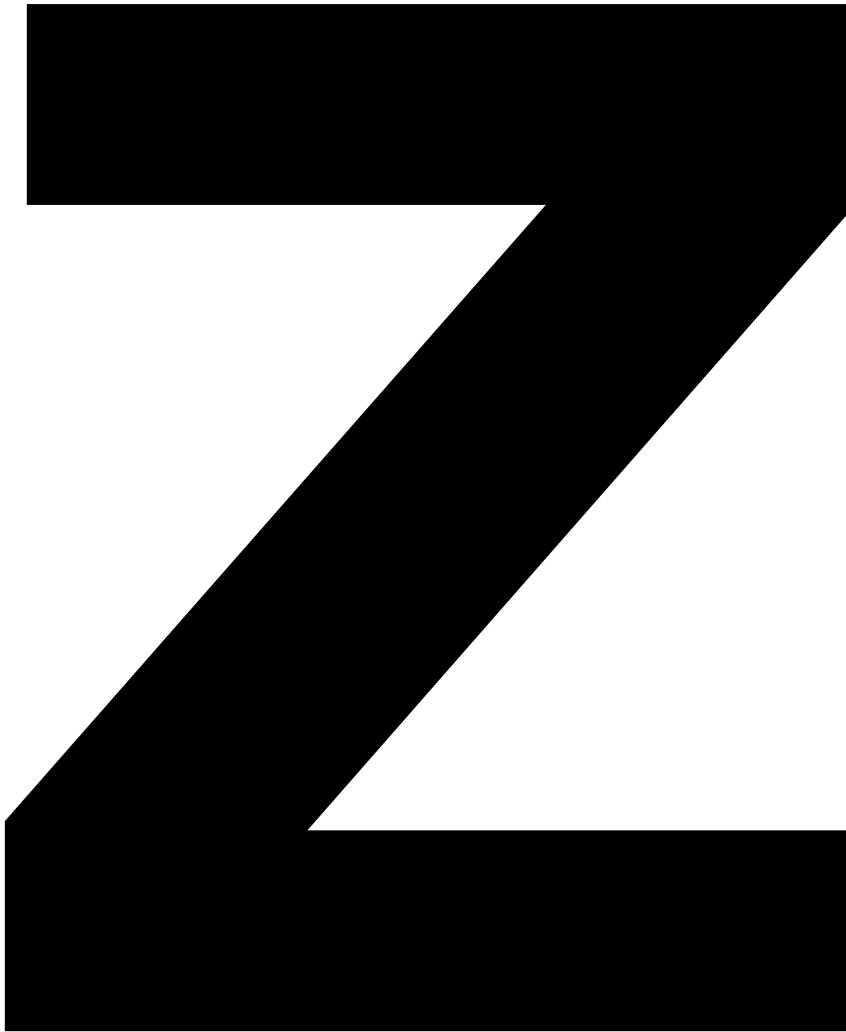






**n**







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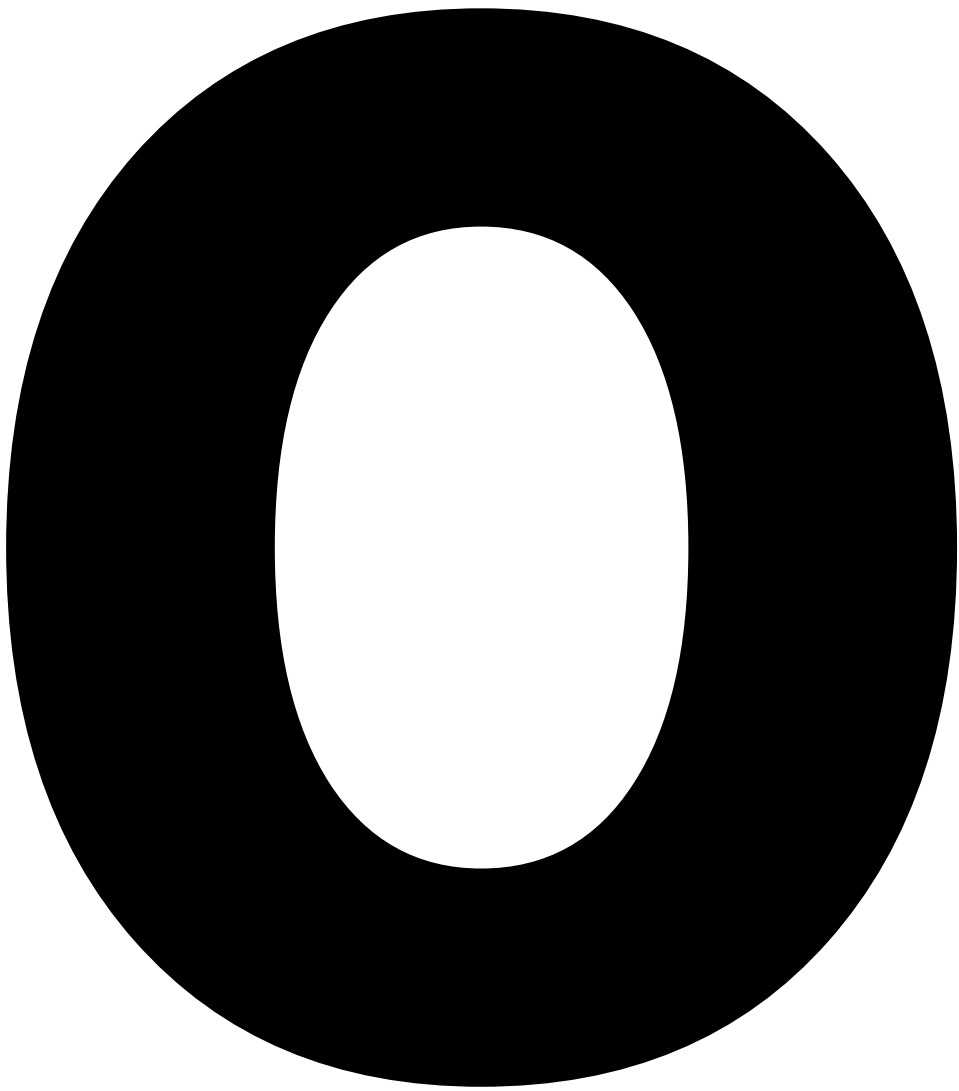






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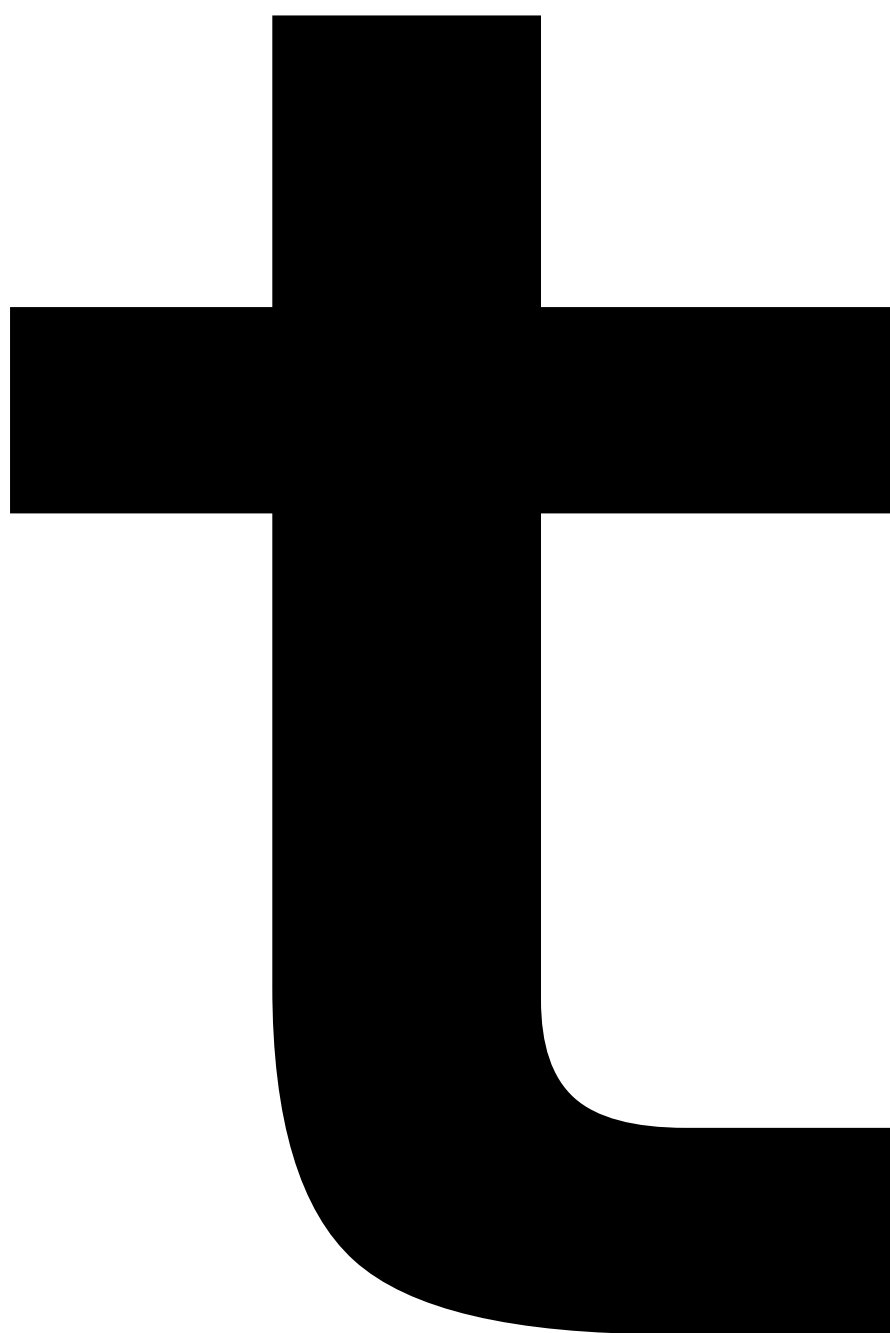
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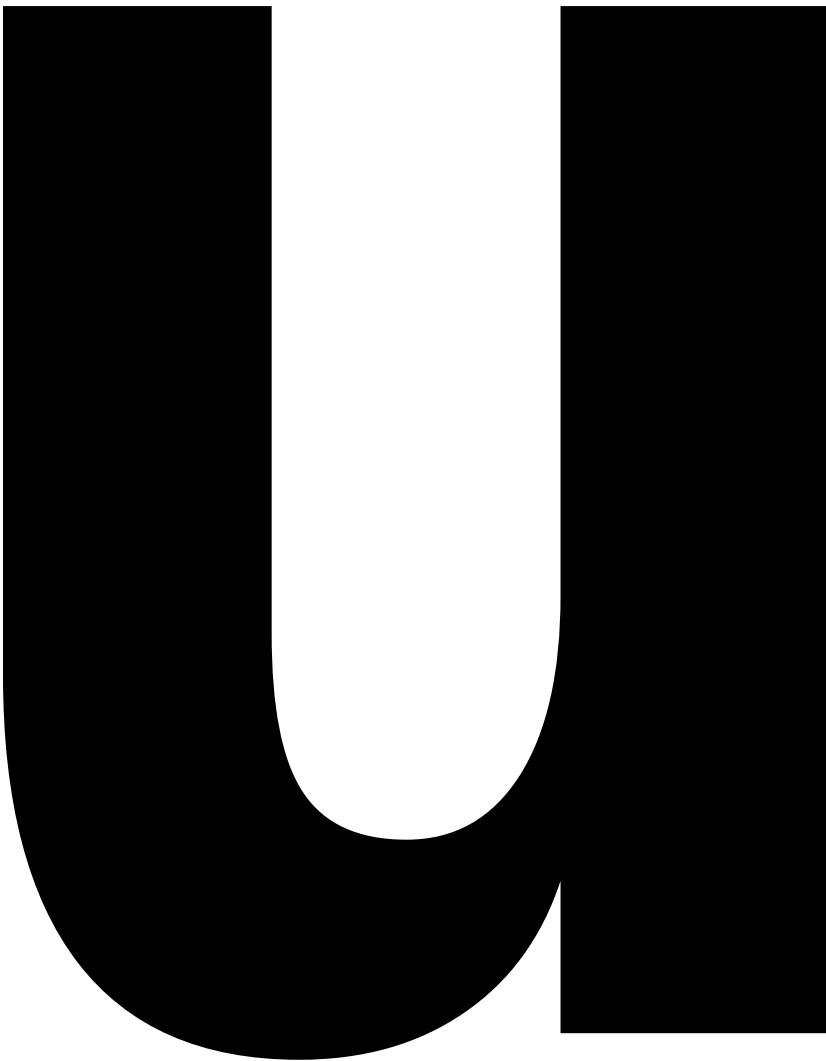


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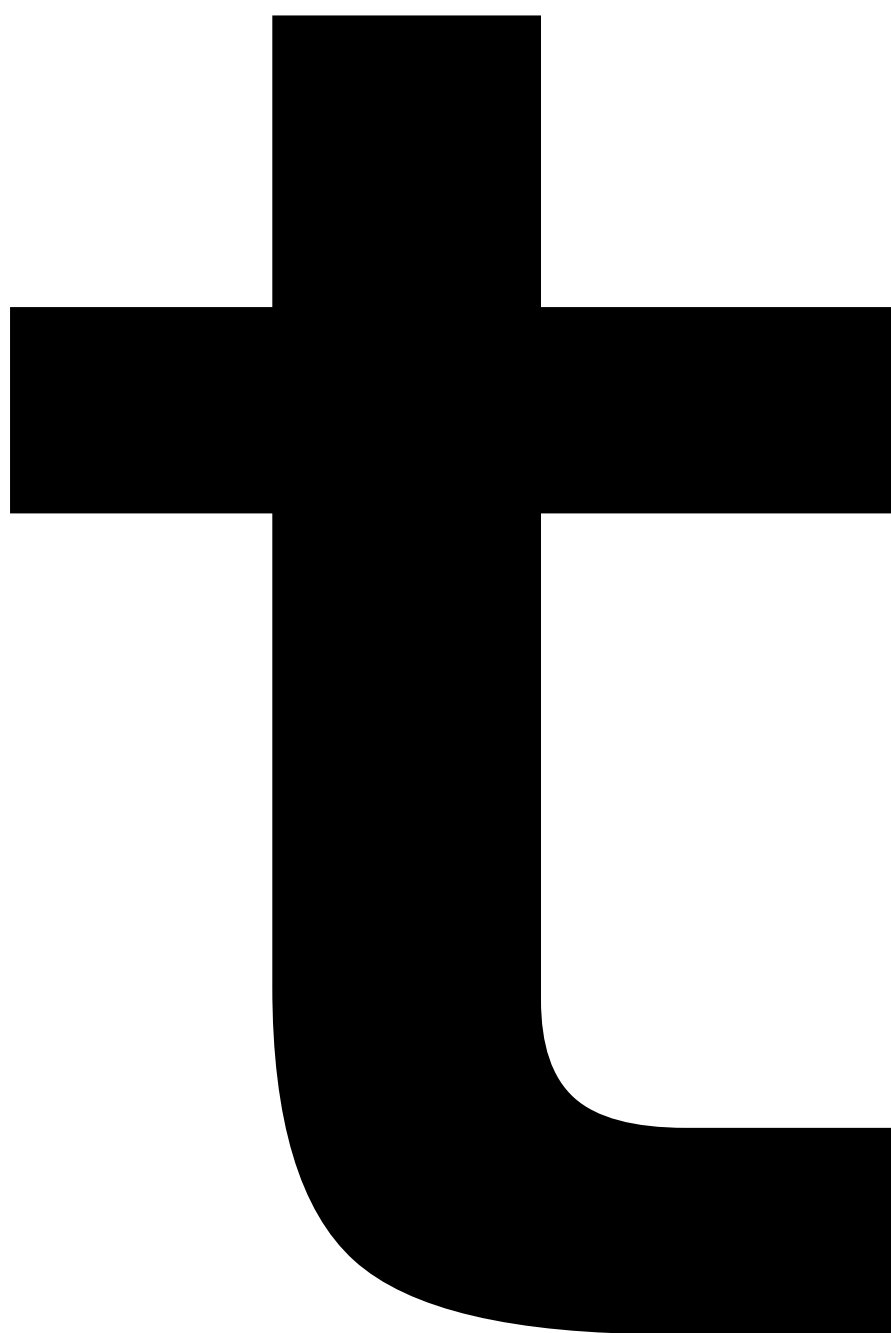
**J**













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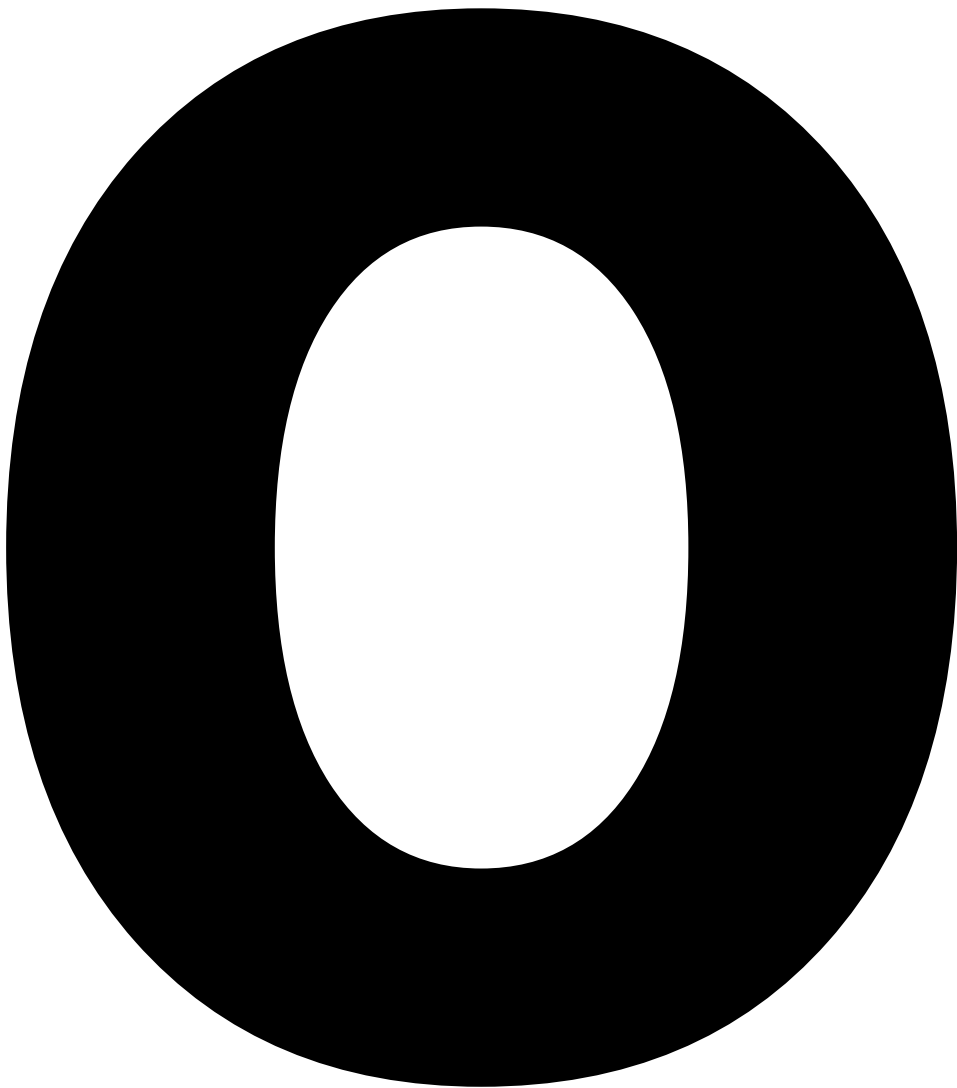






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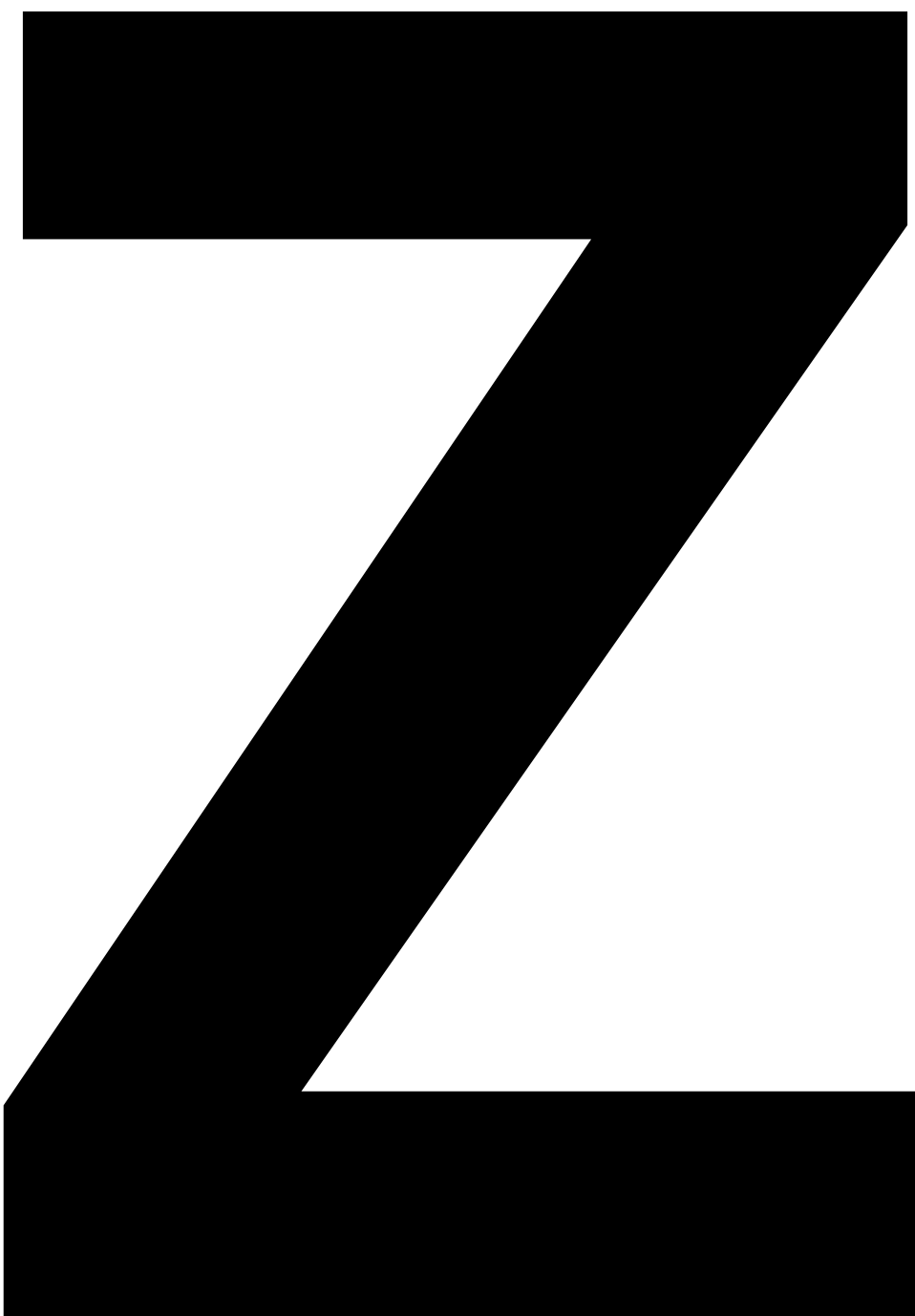
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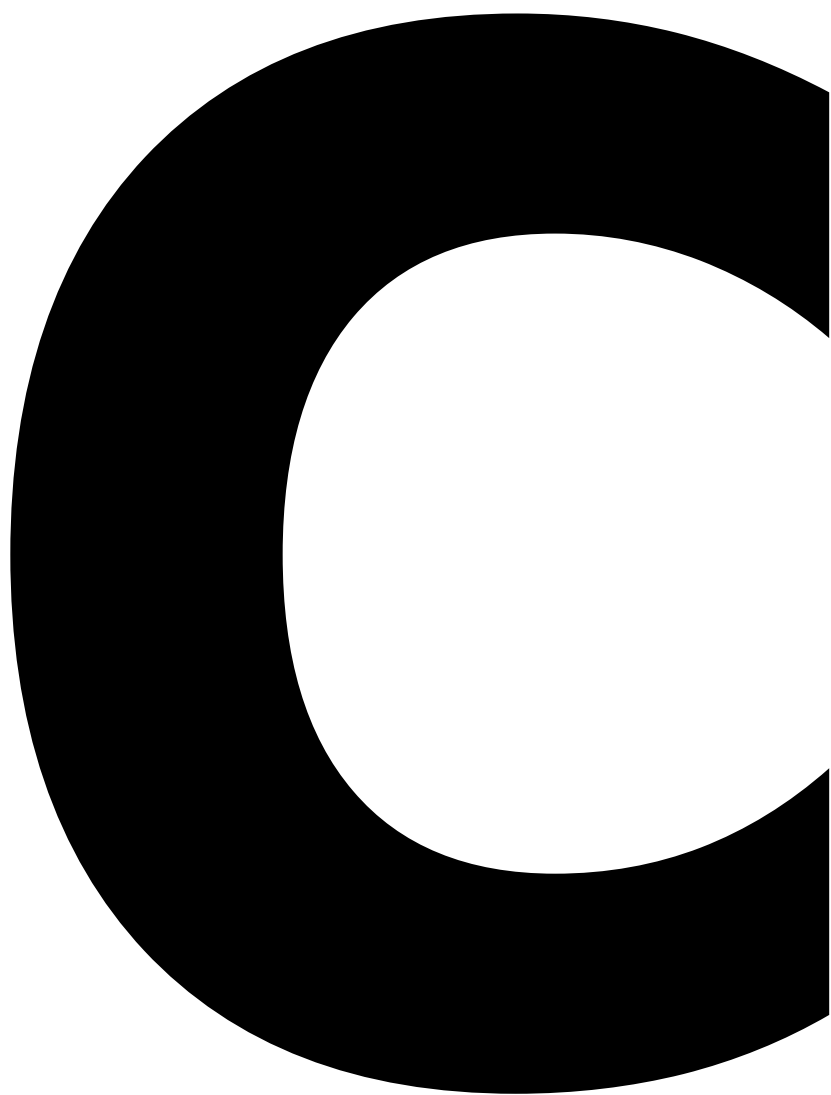


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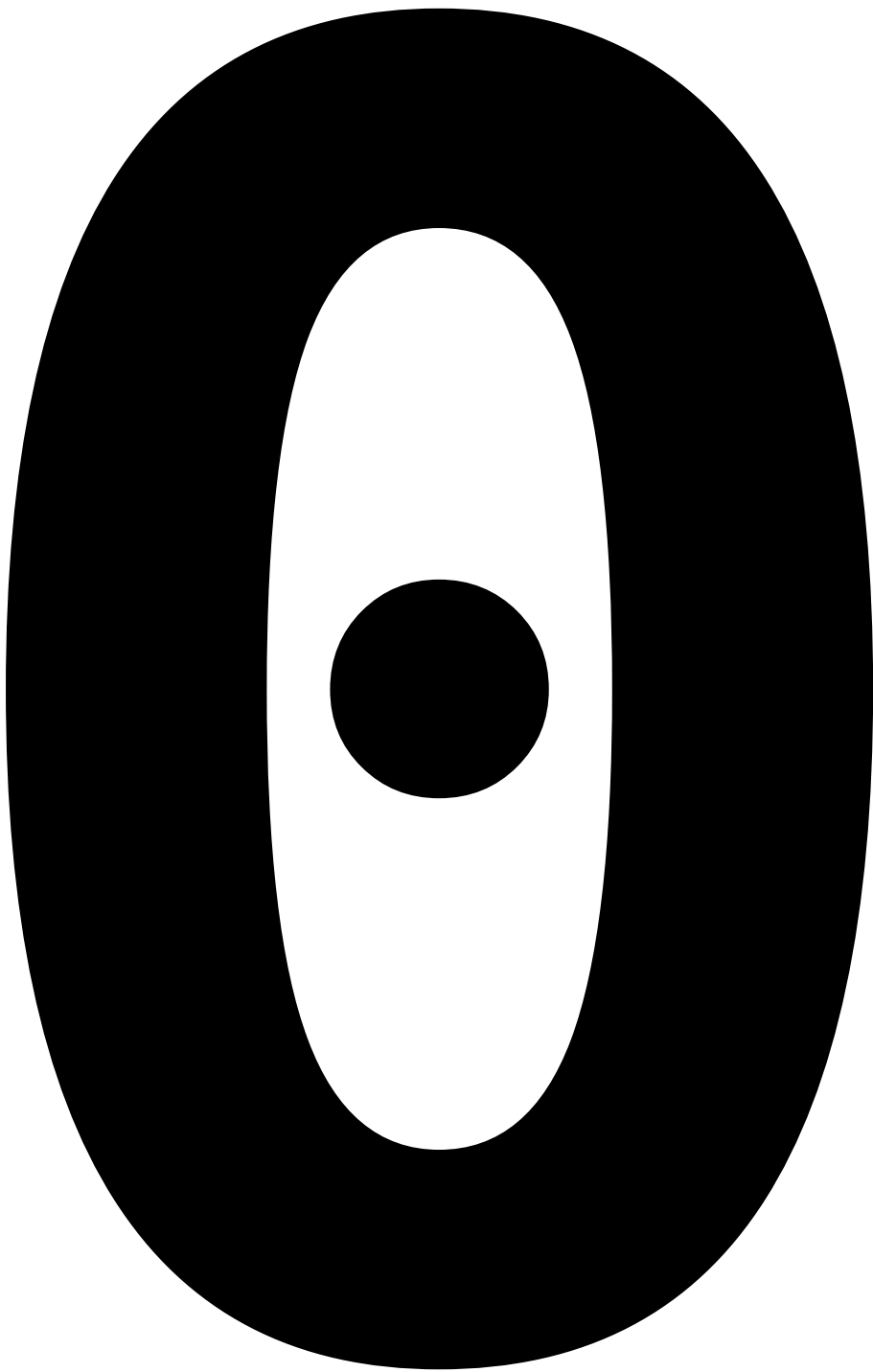


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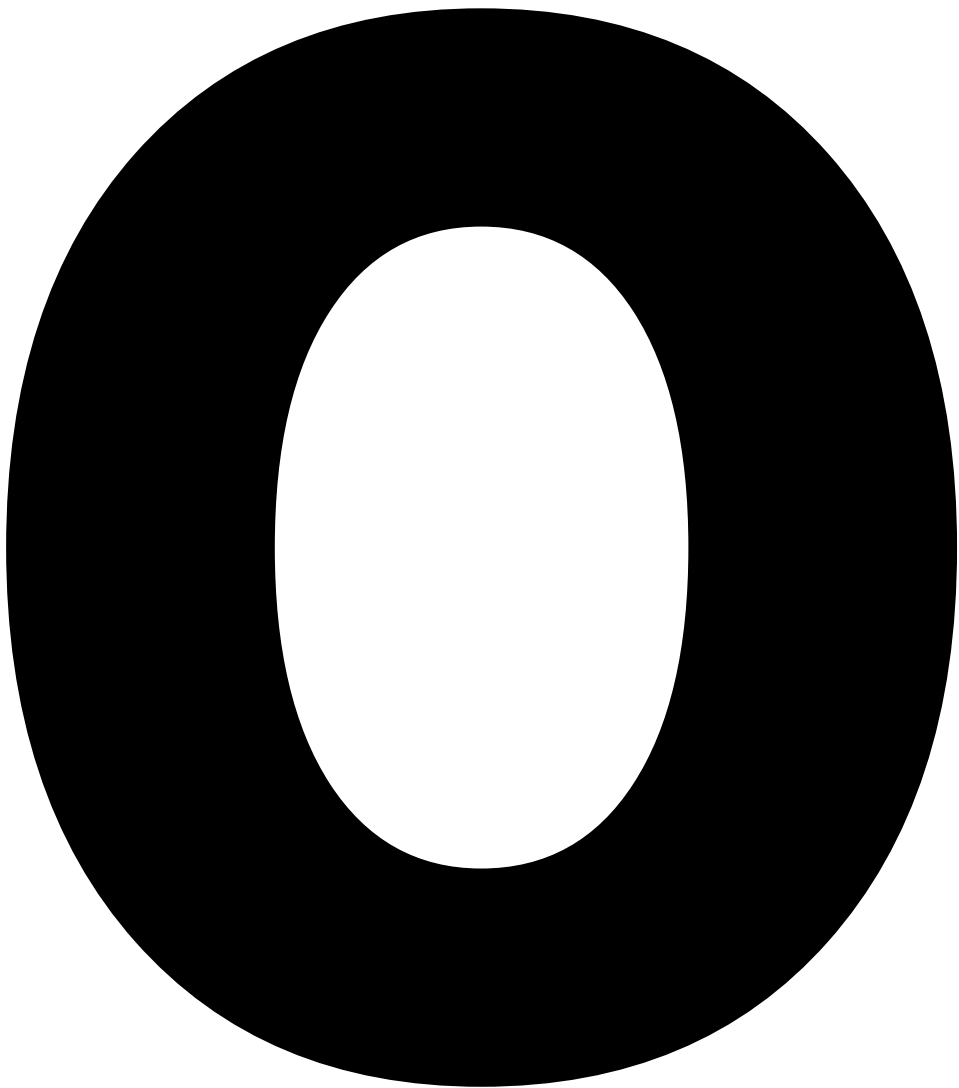


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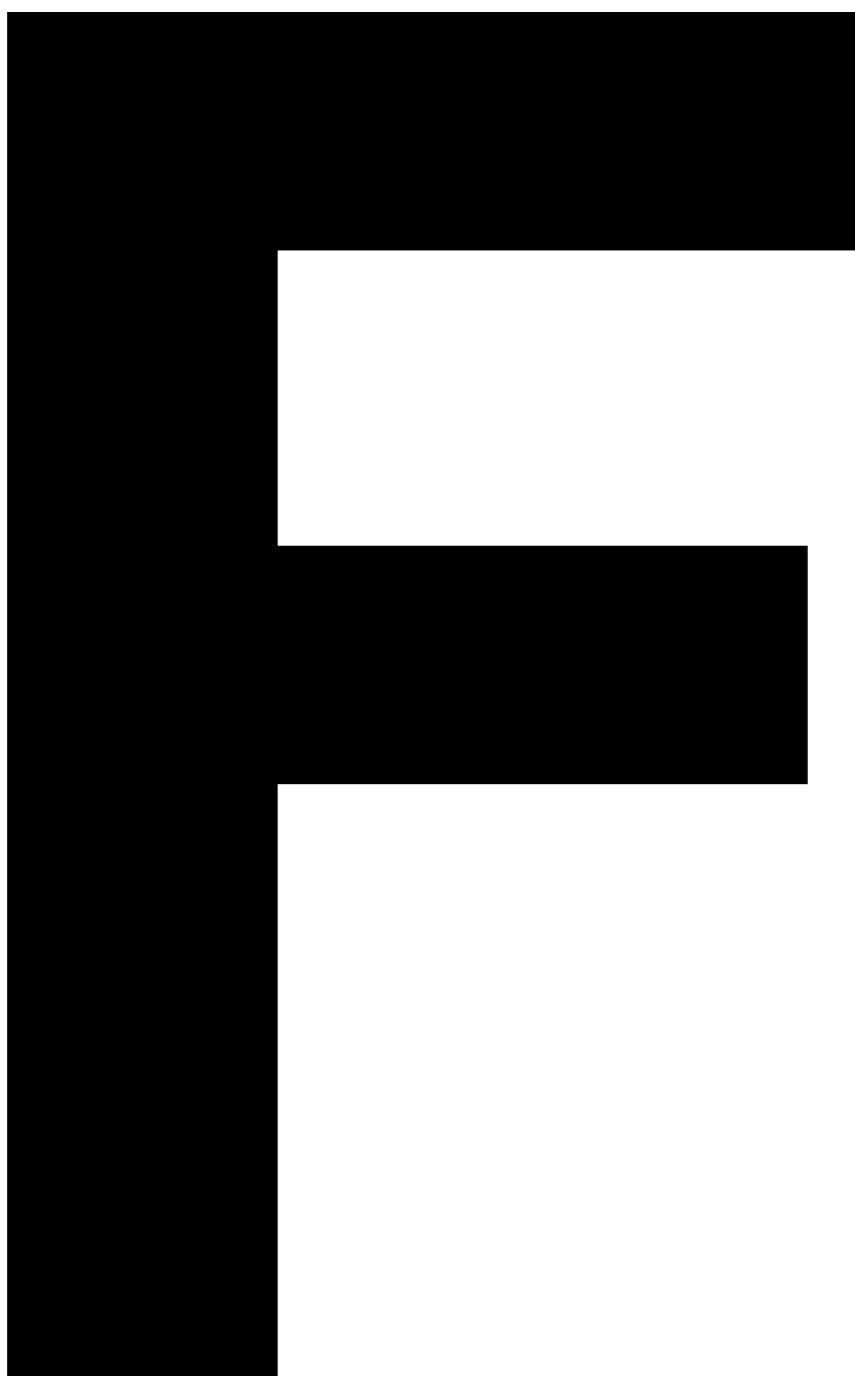


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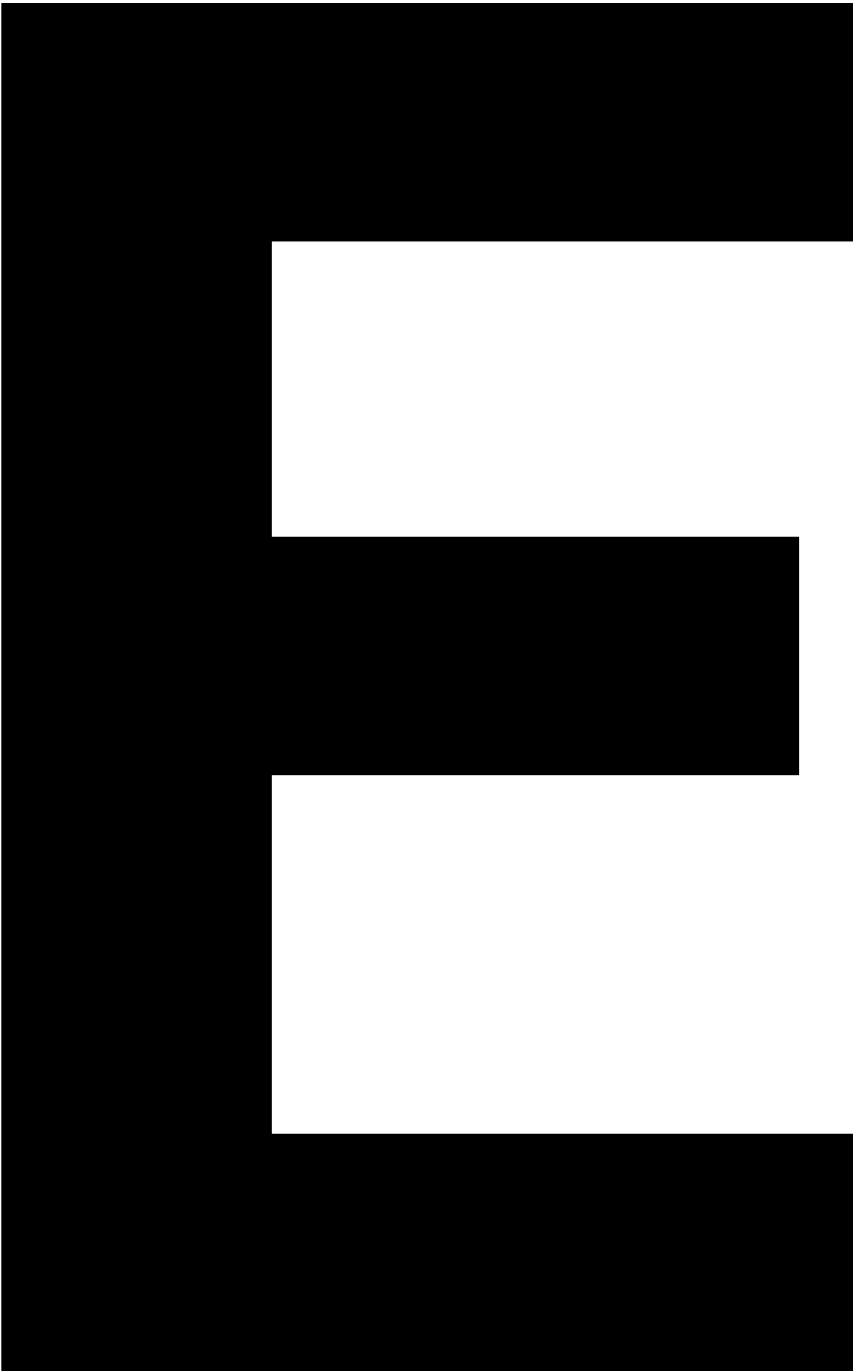






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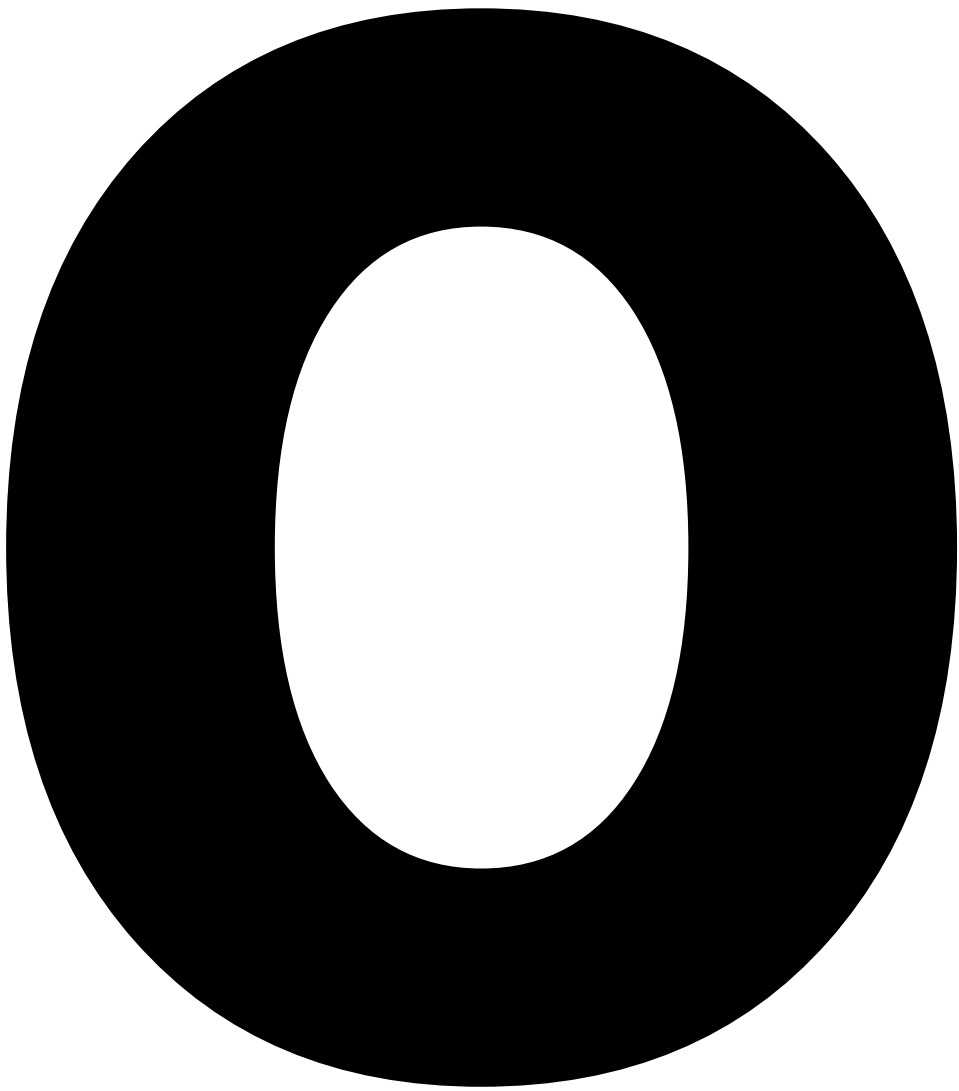


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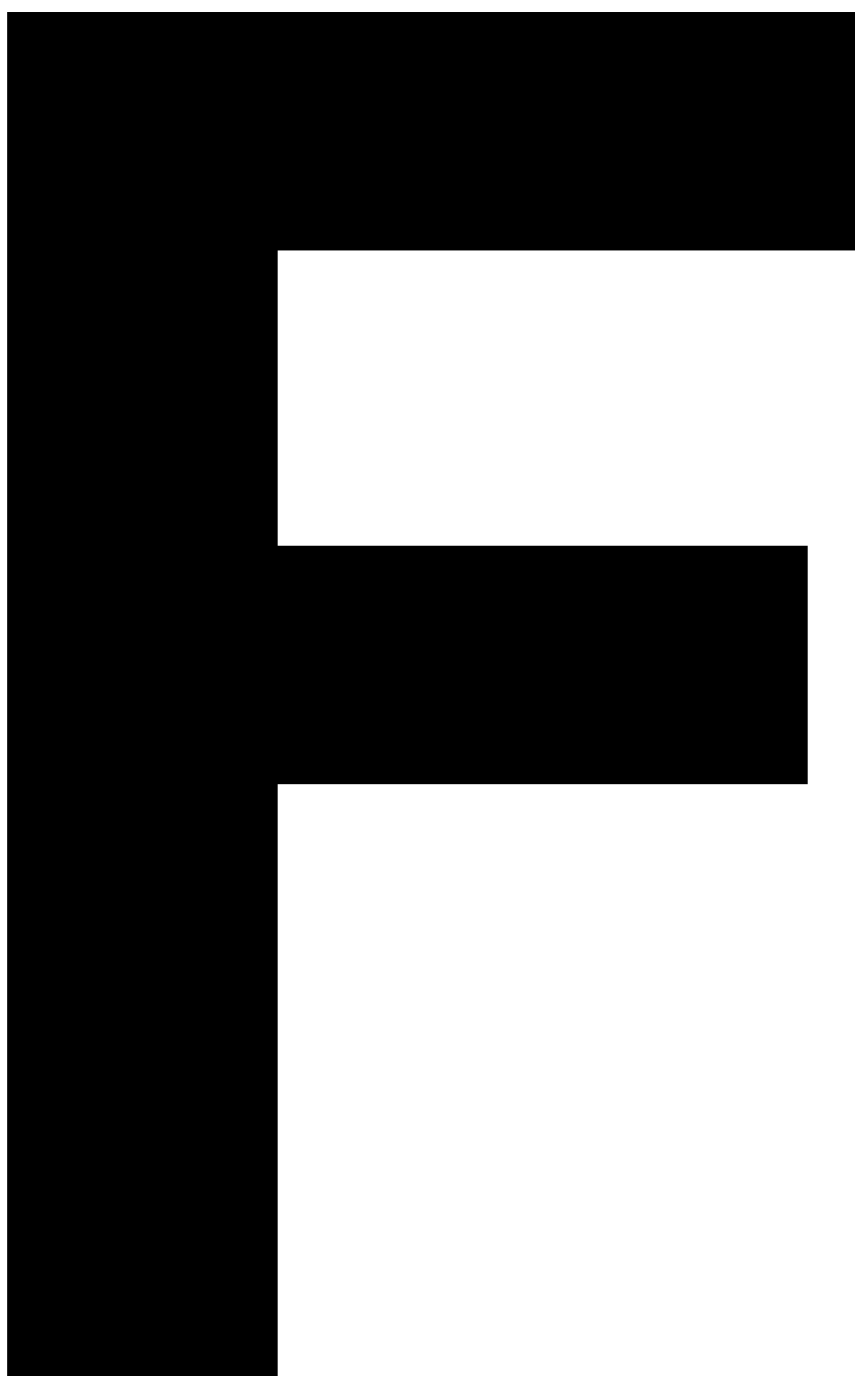


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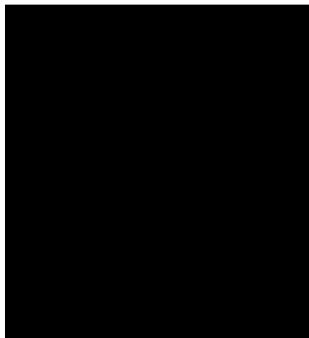














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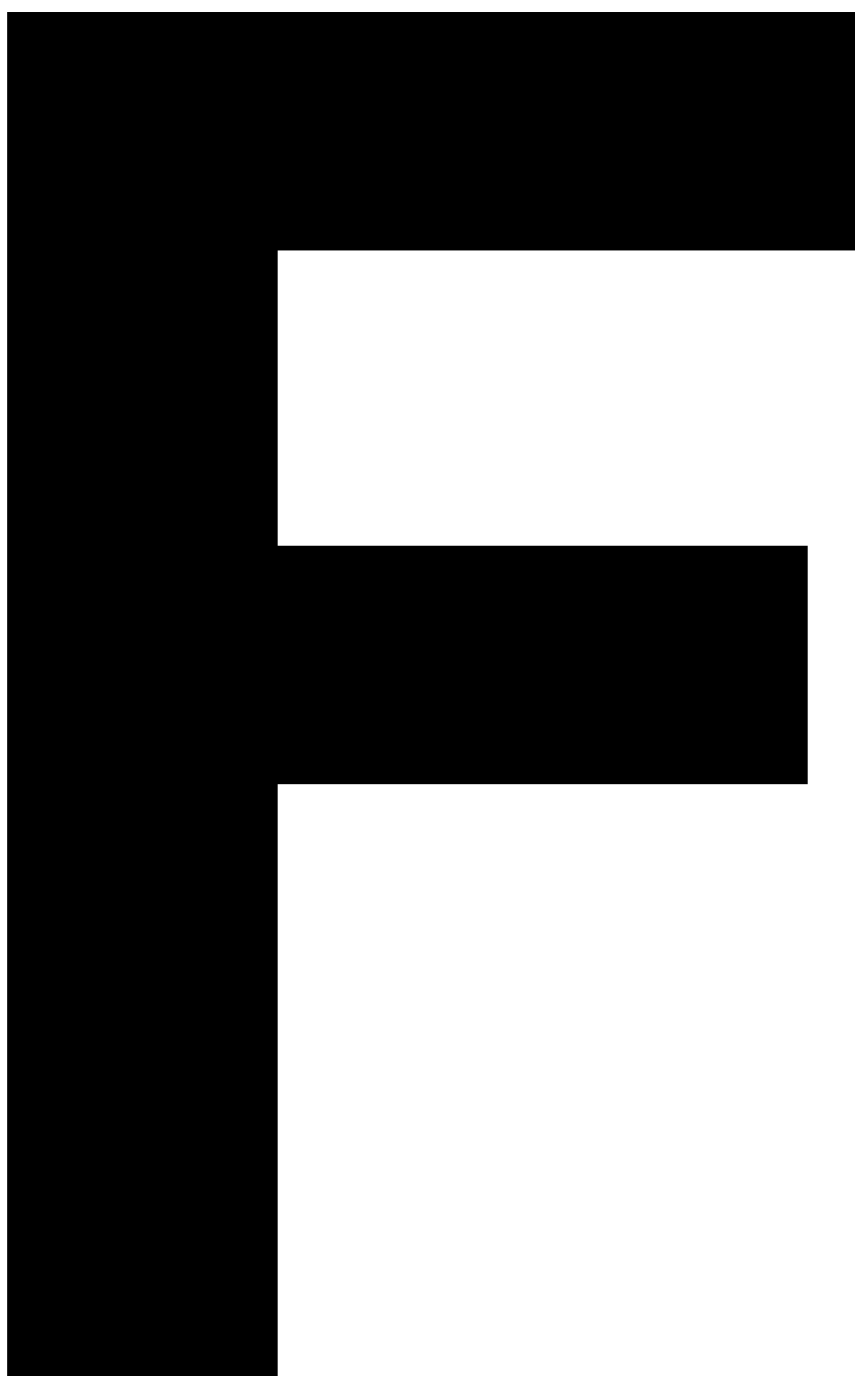
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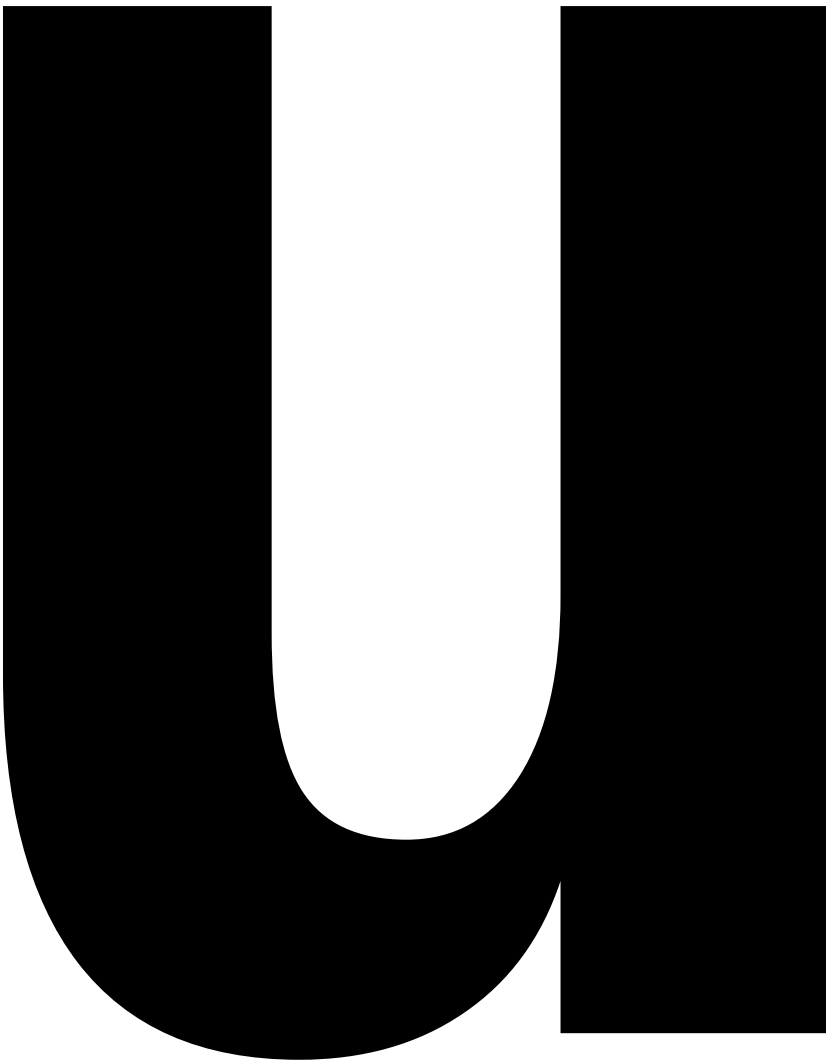


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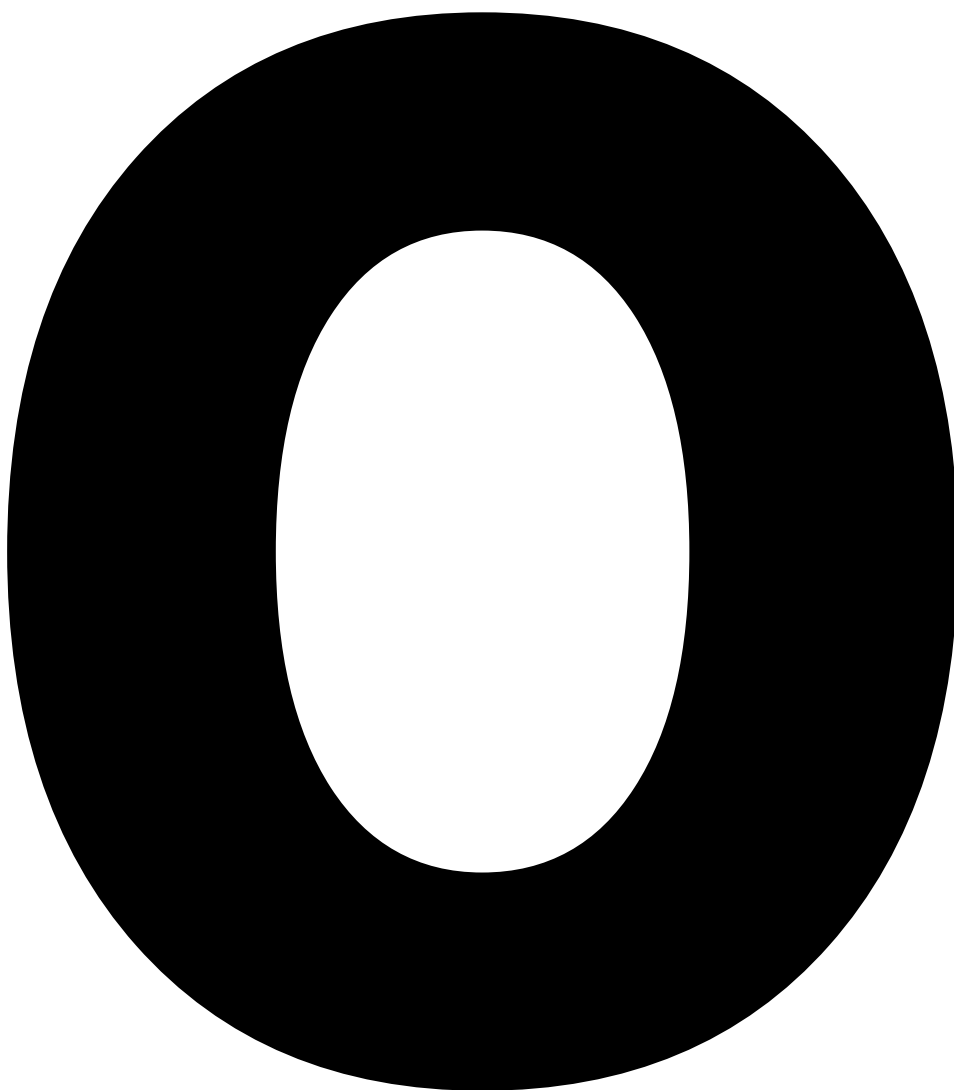


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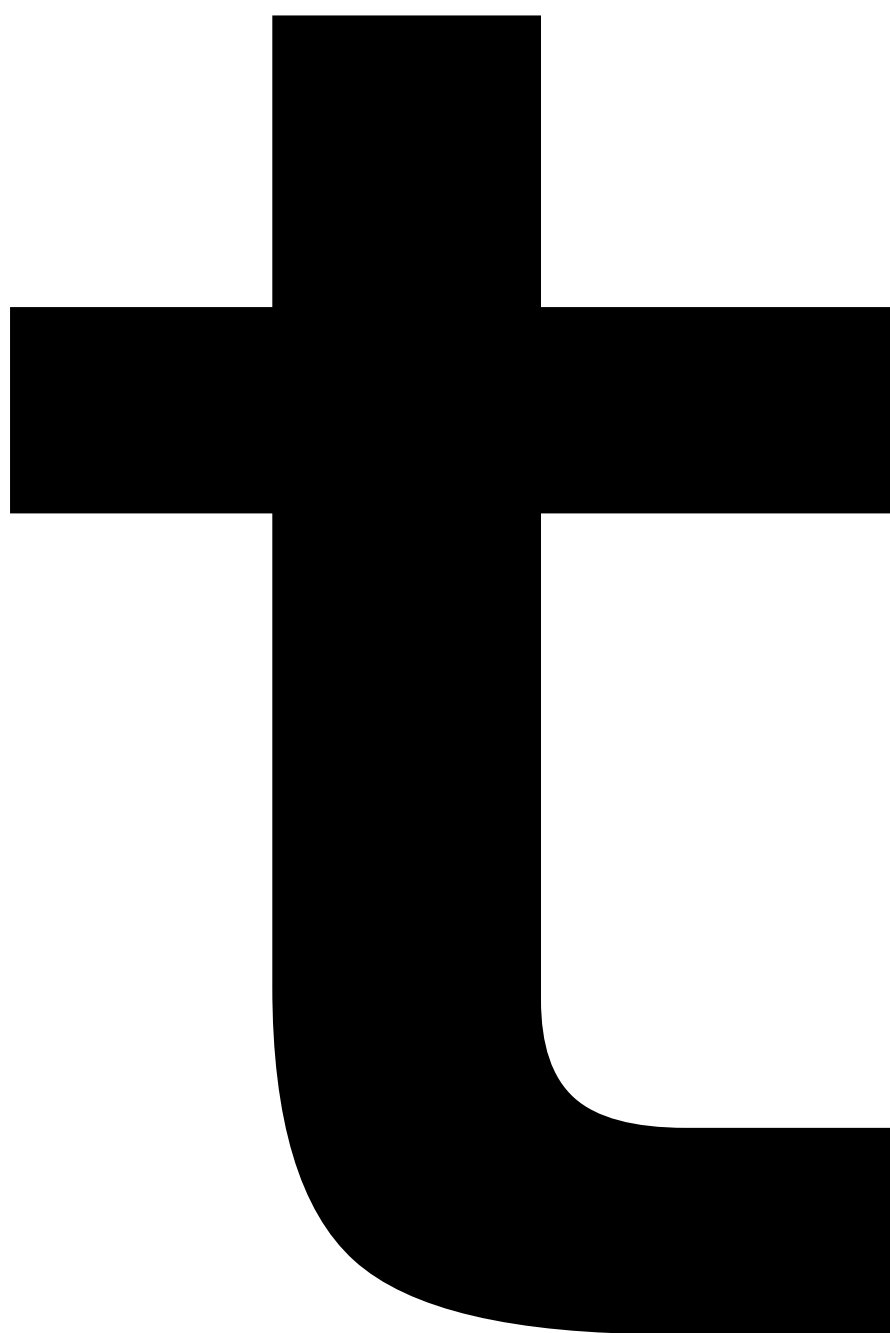






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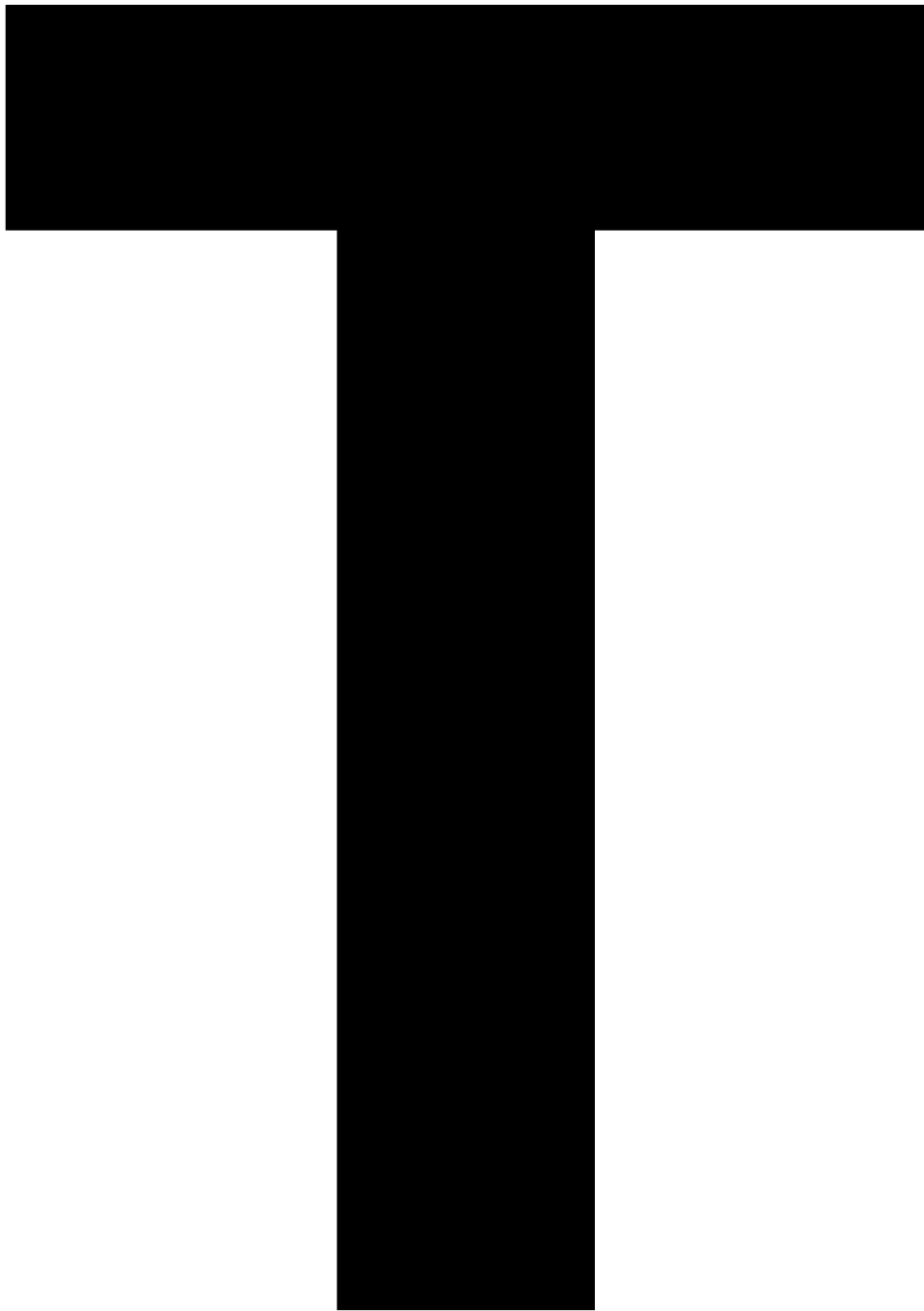






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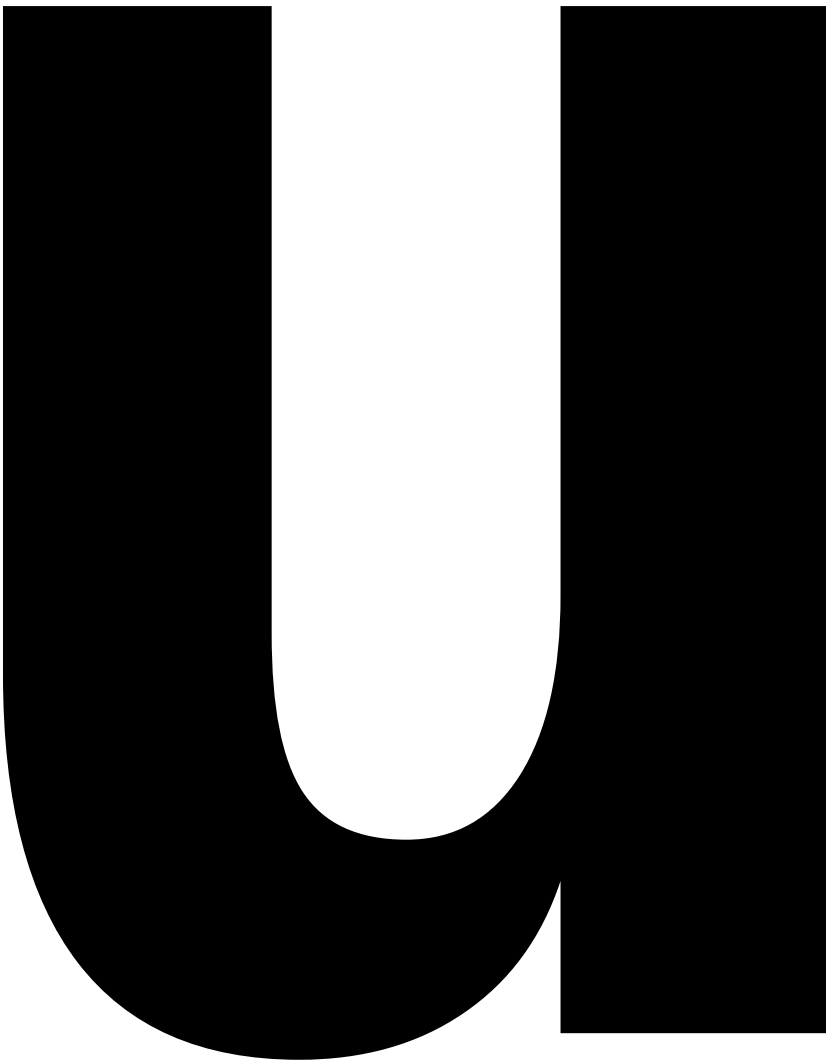


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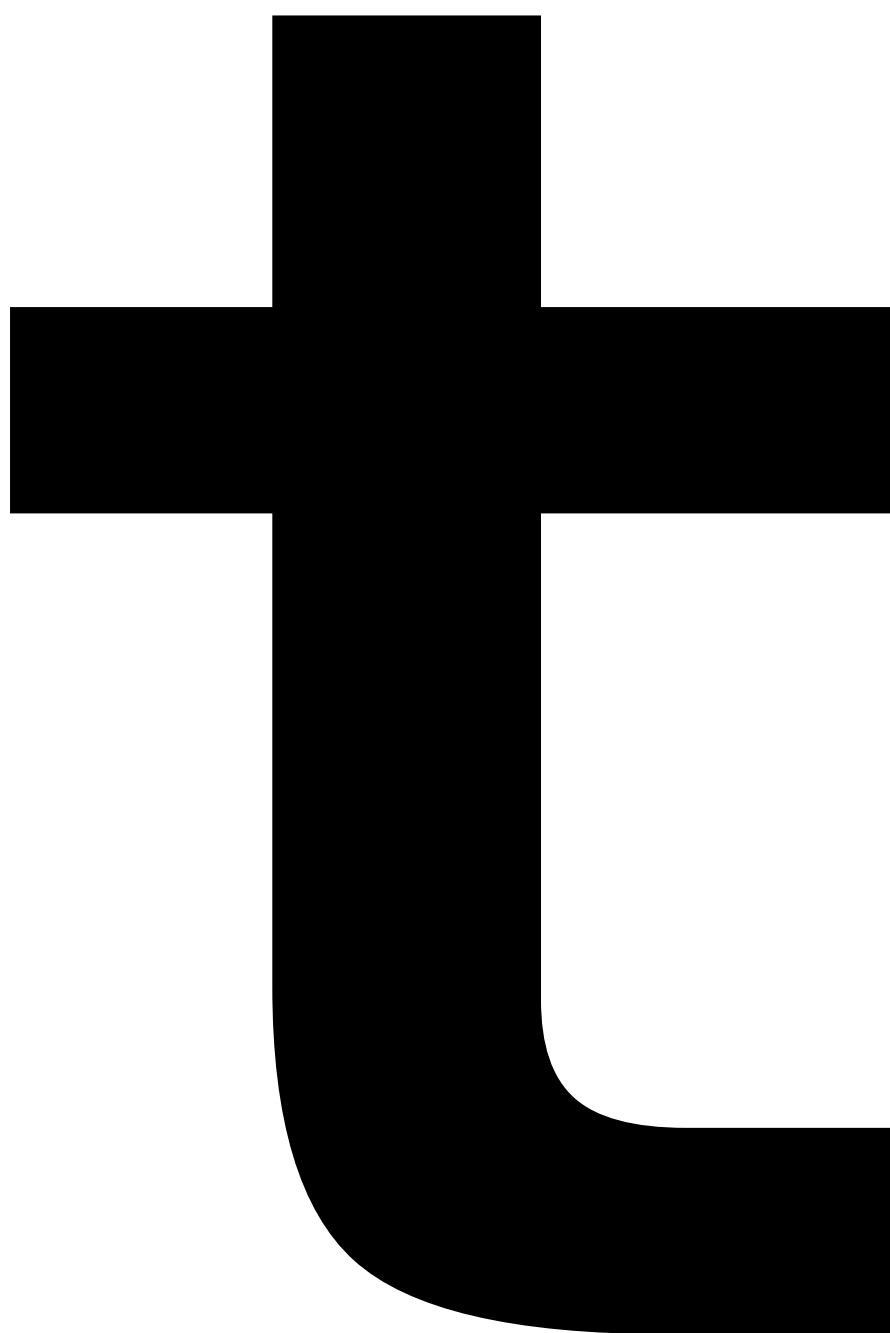


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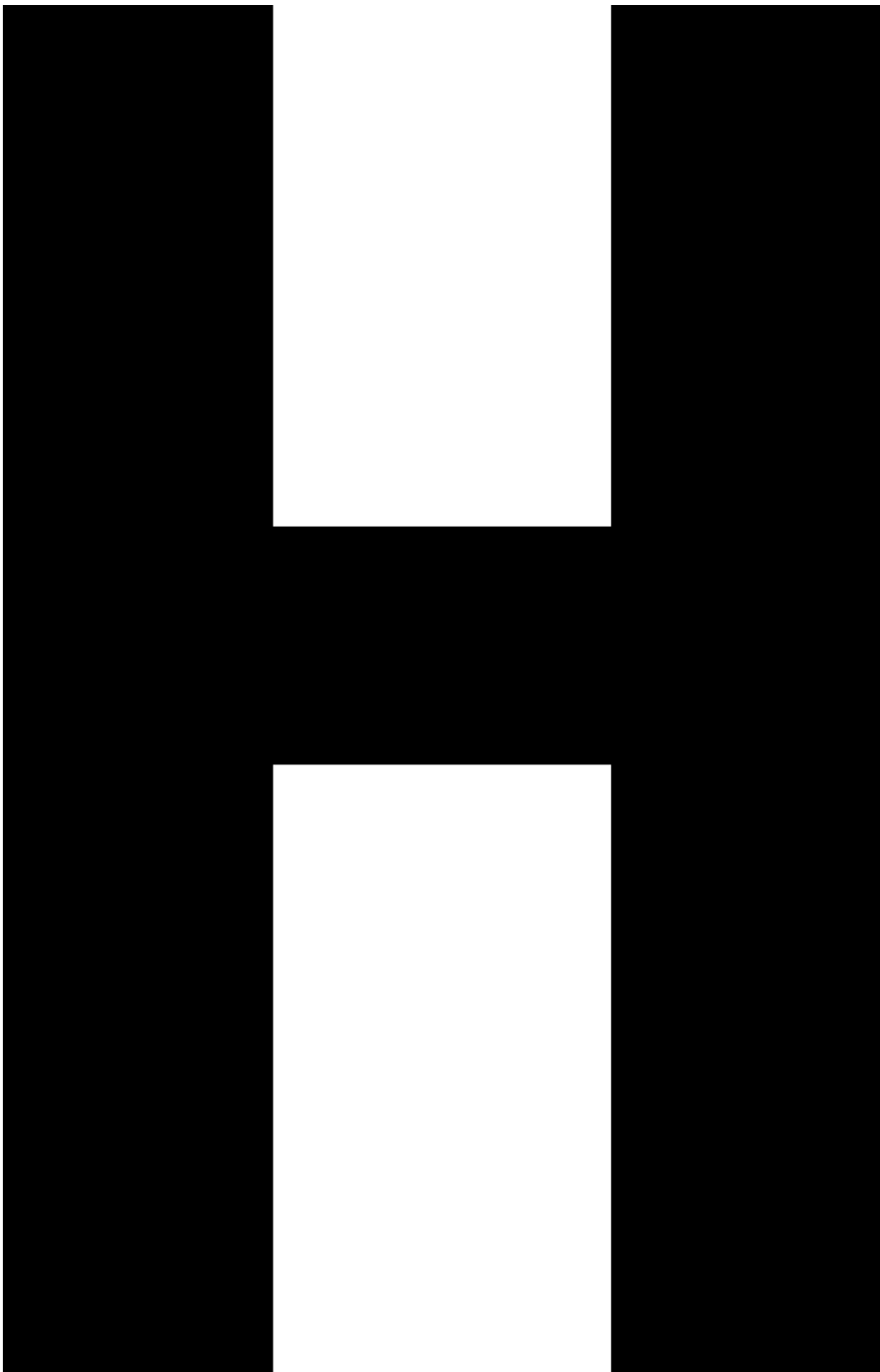




























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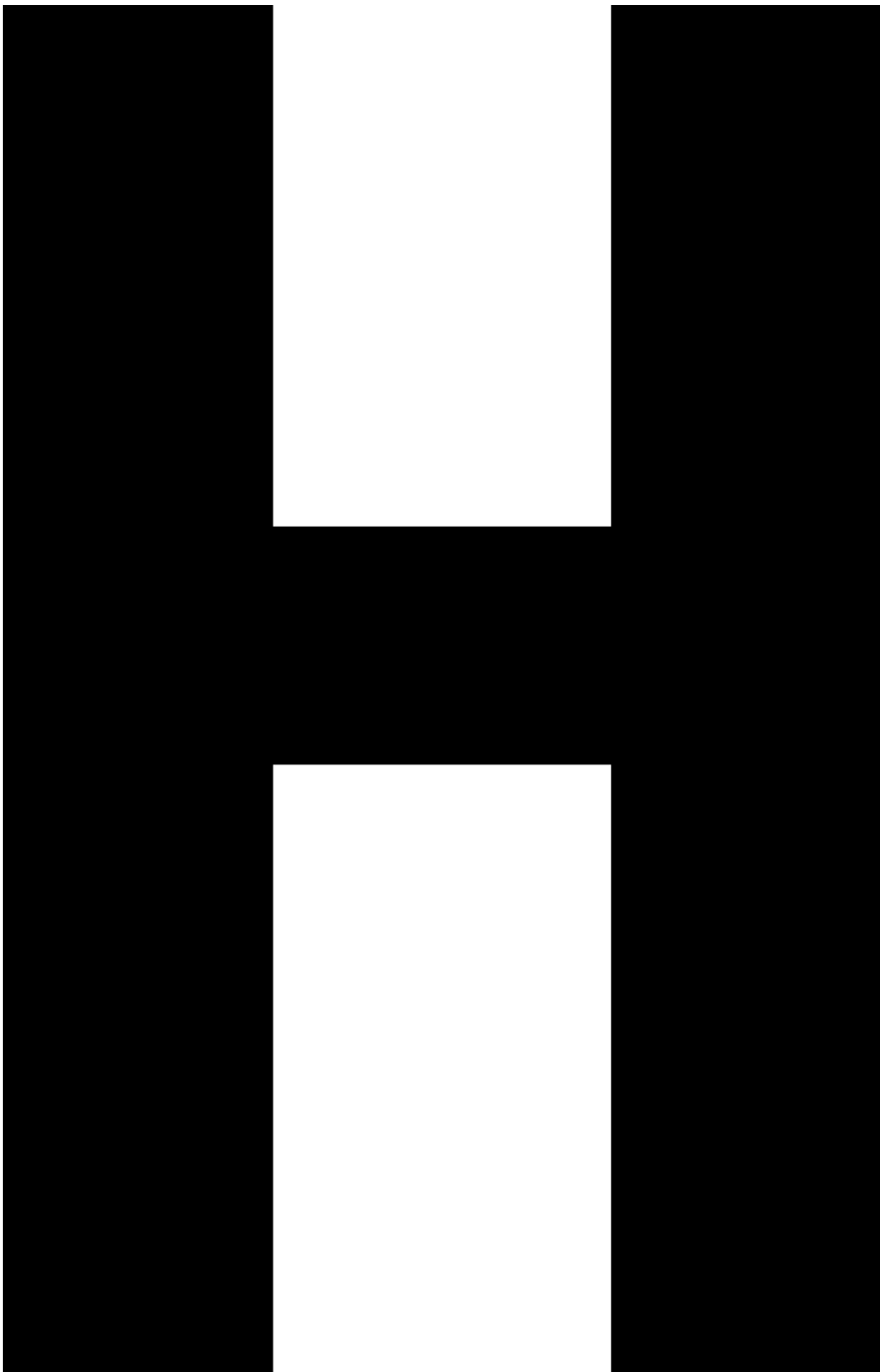


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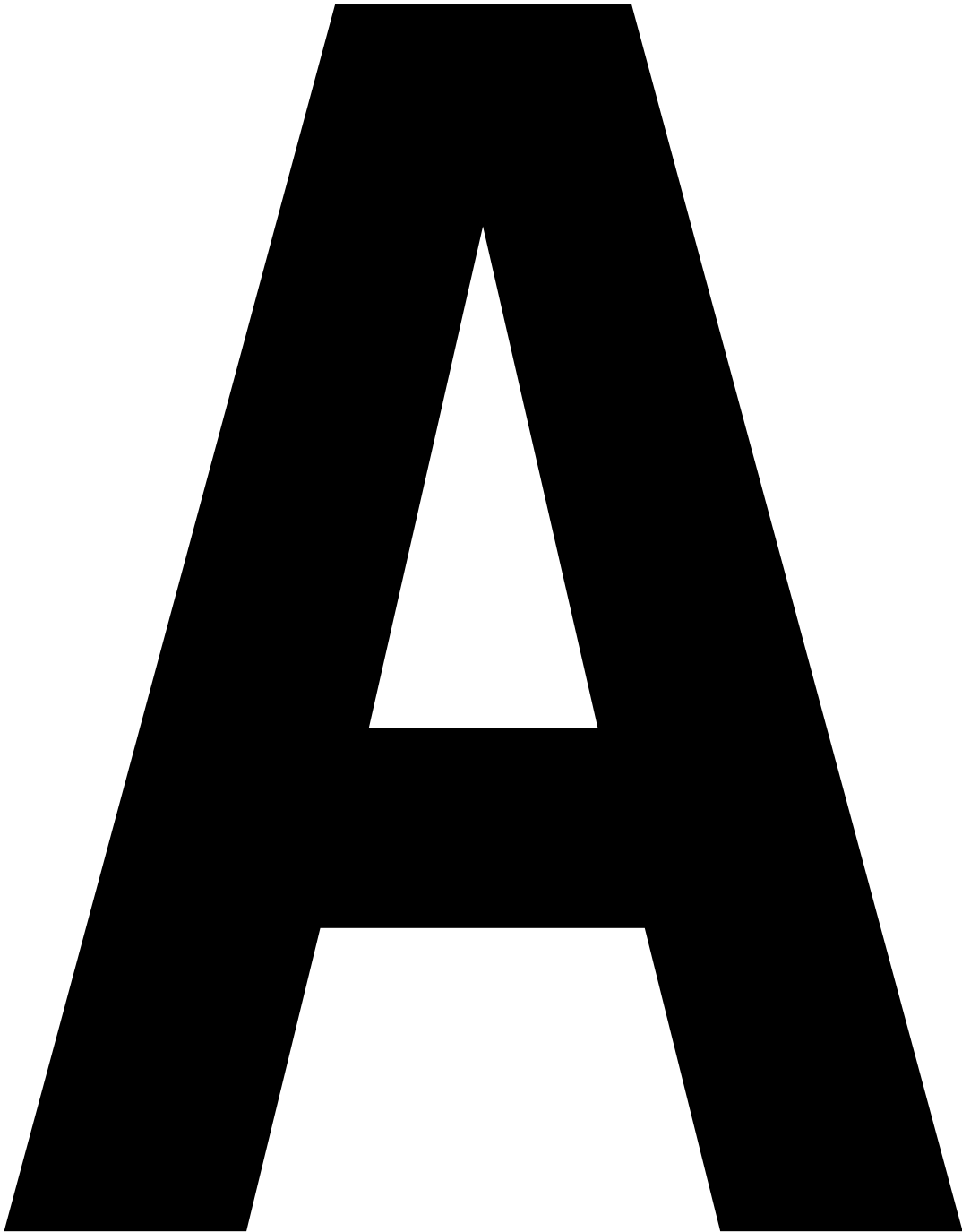






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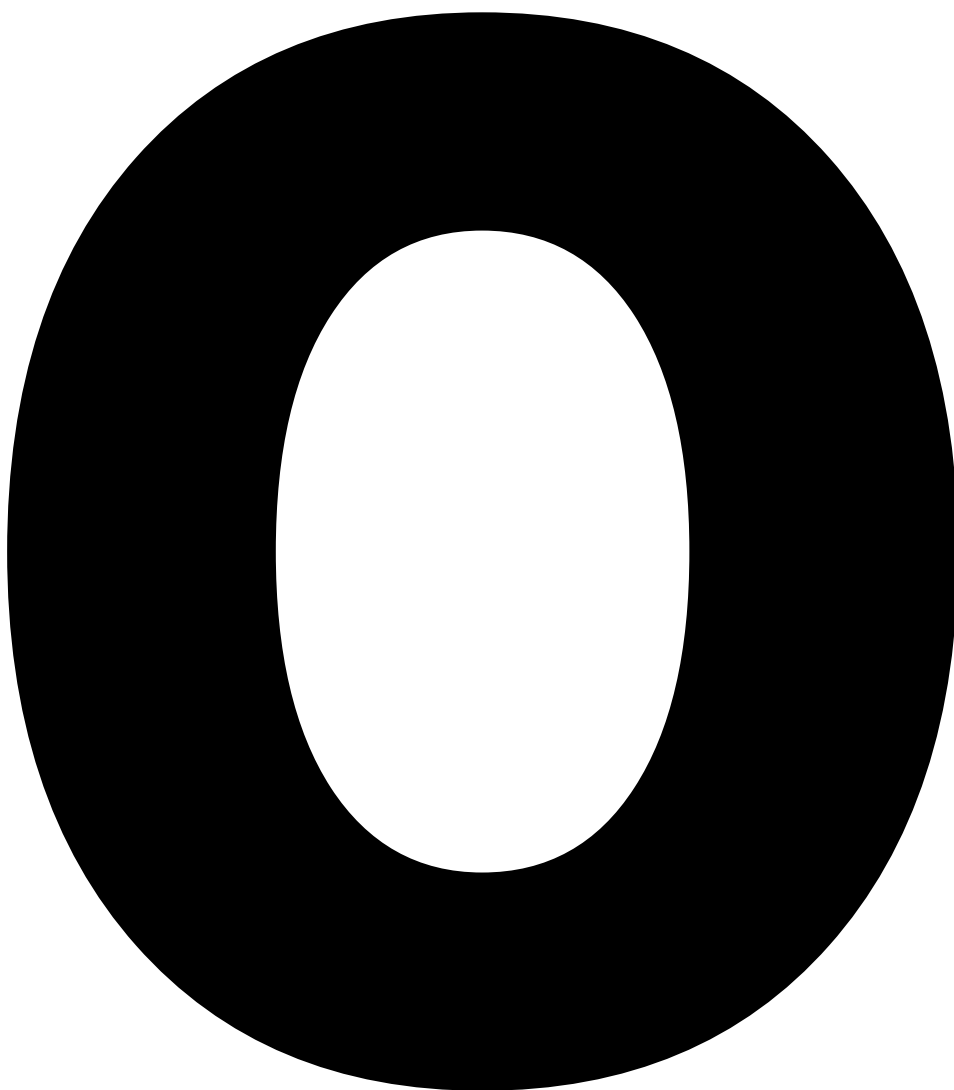
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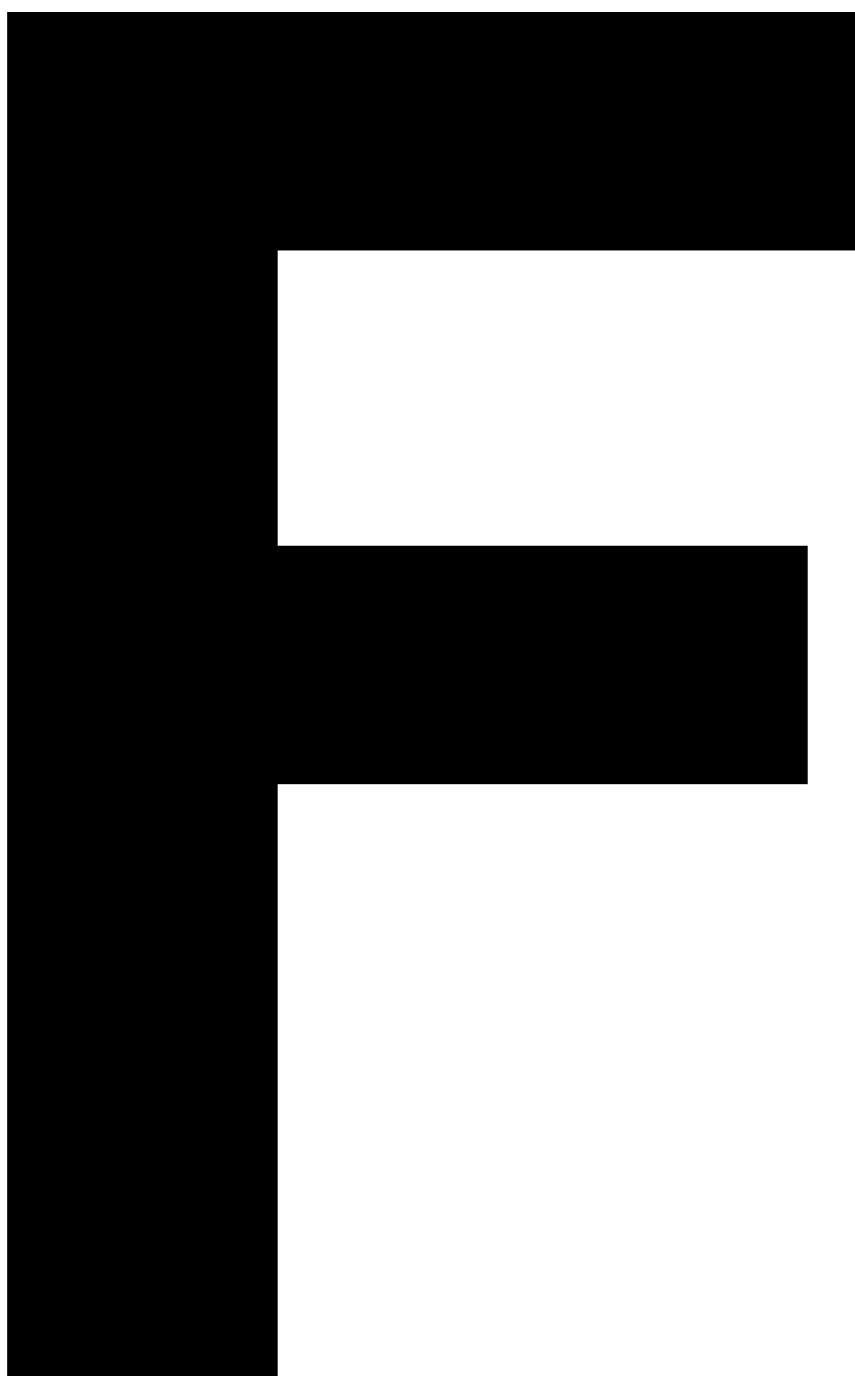








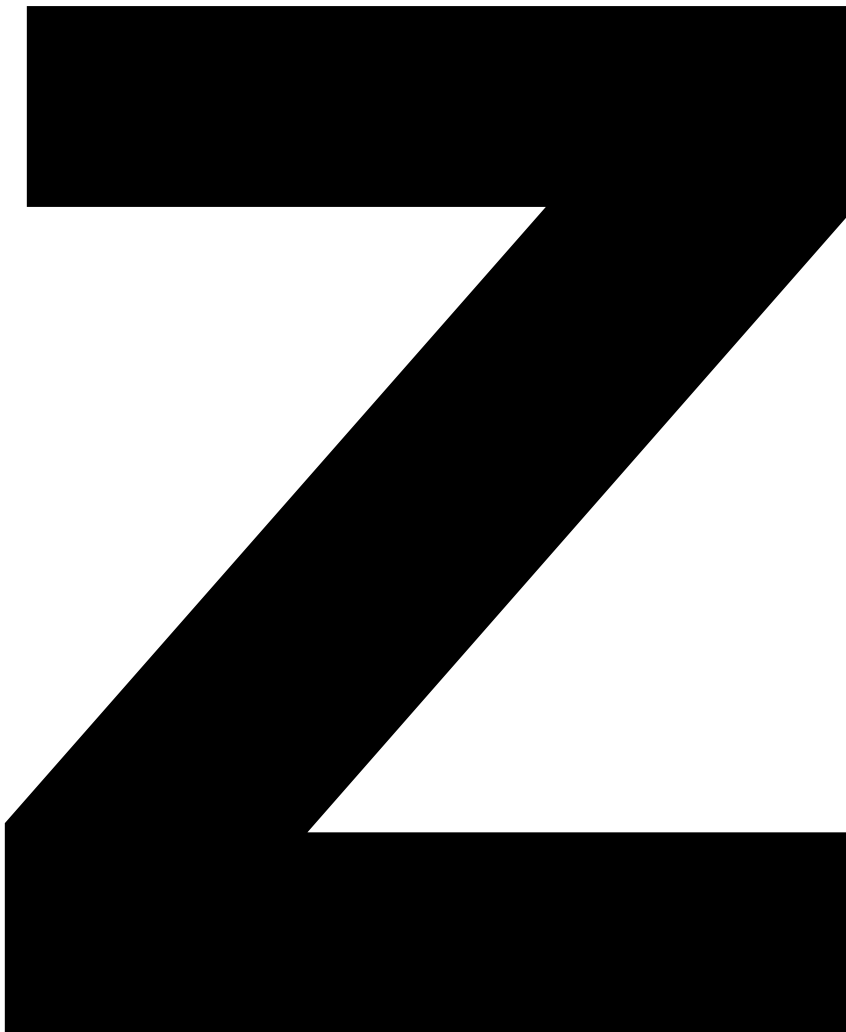






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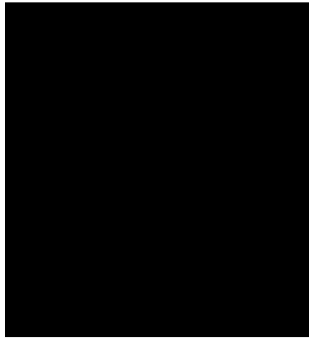














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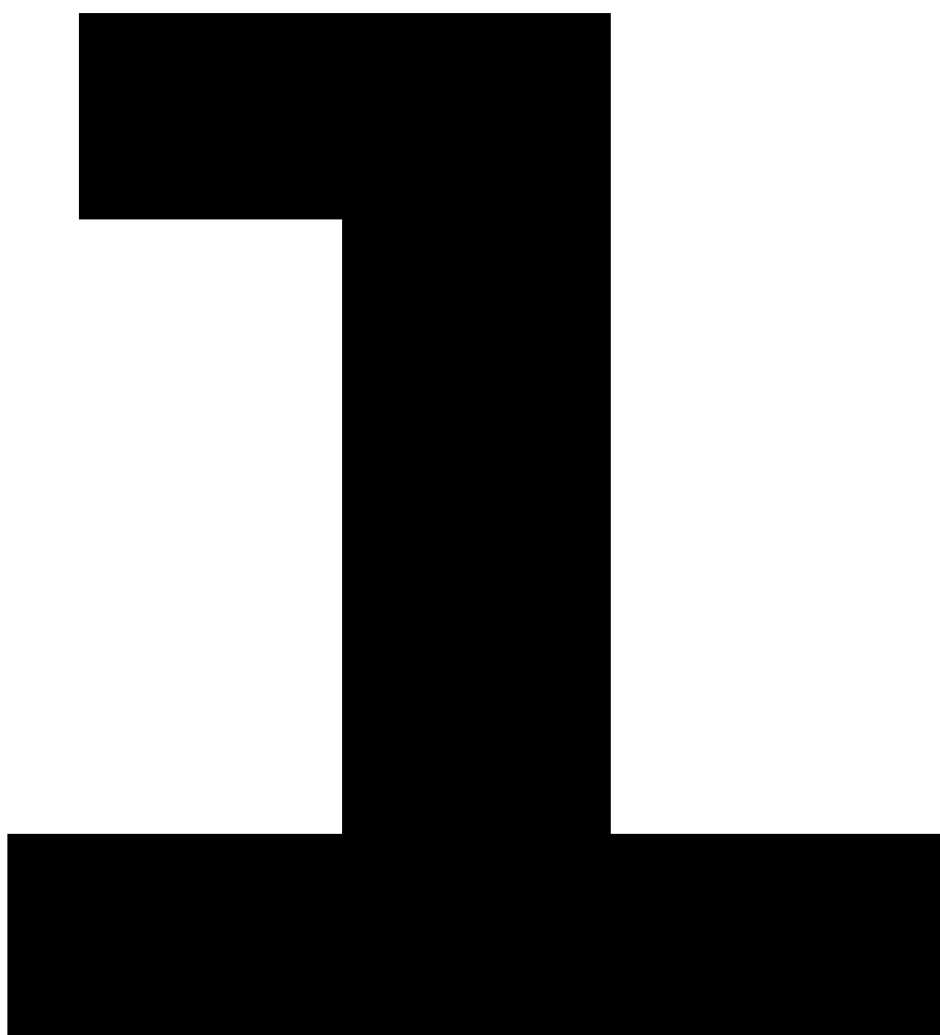


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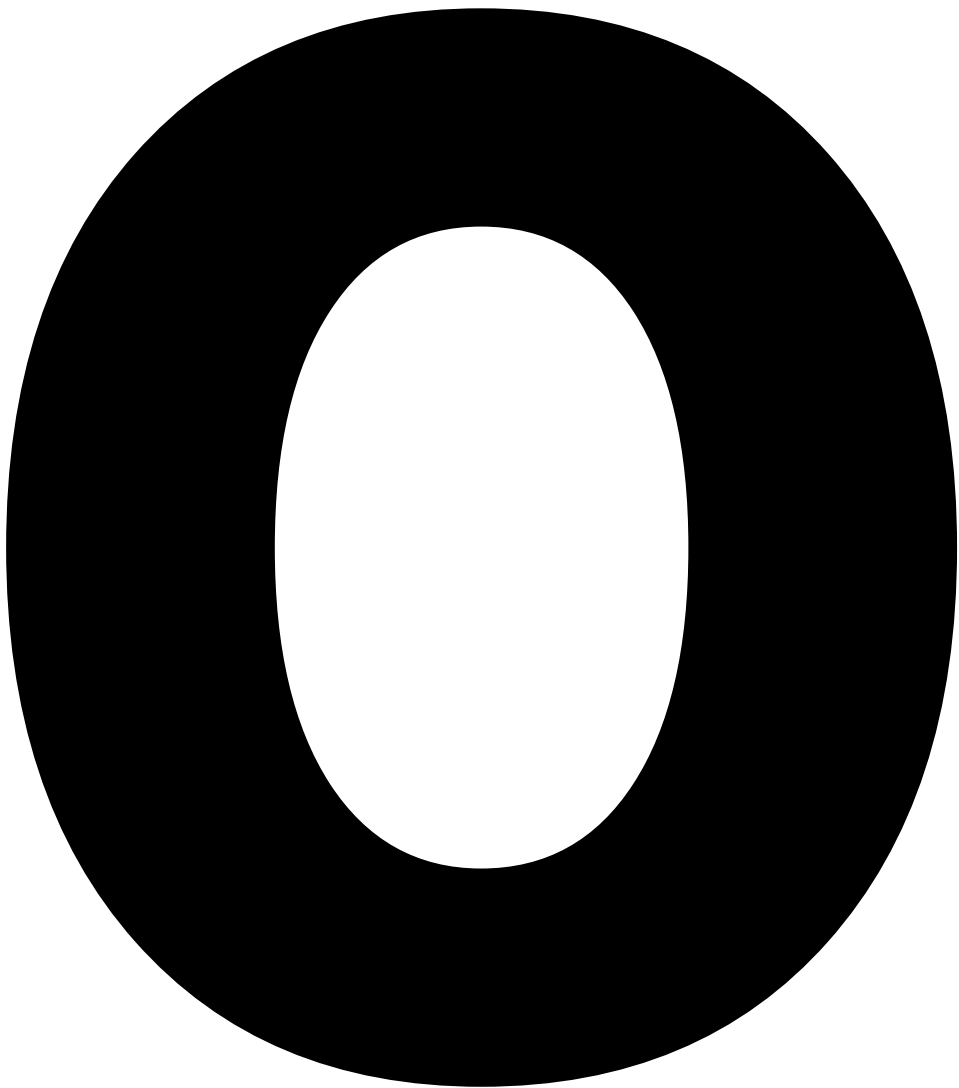


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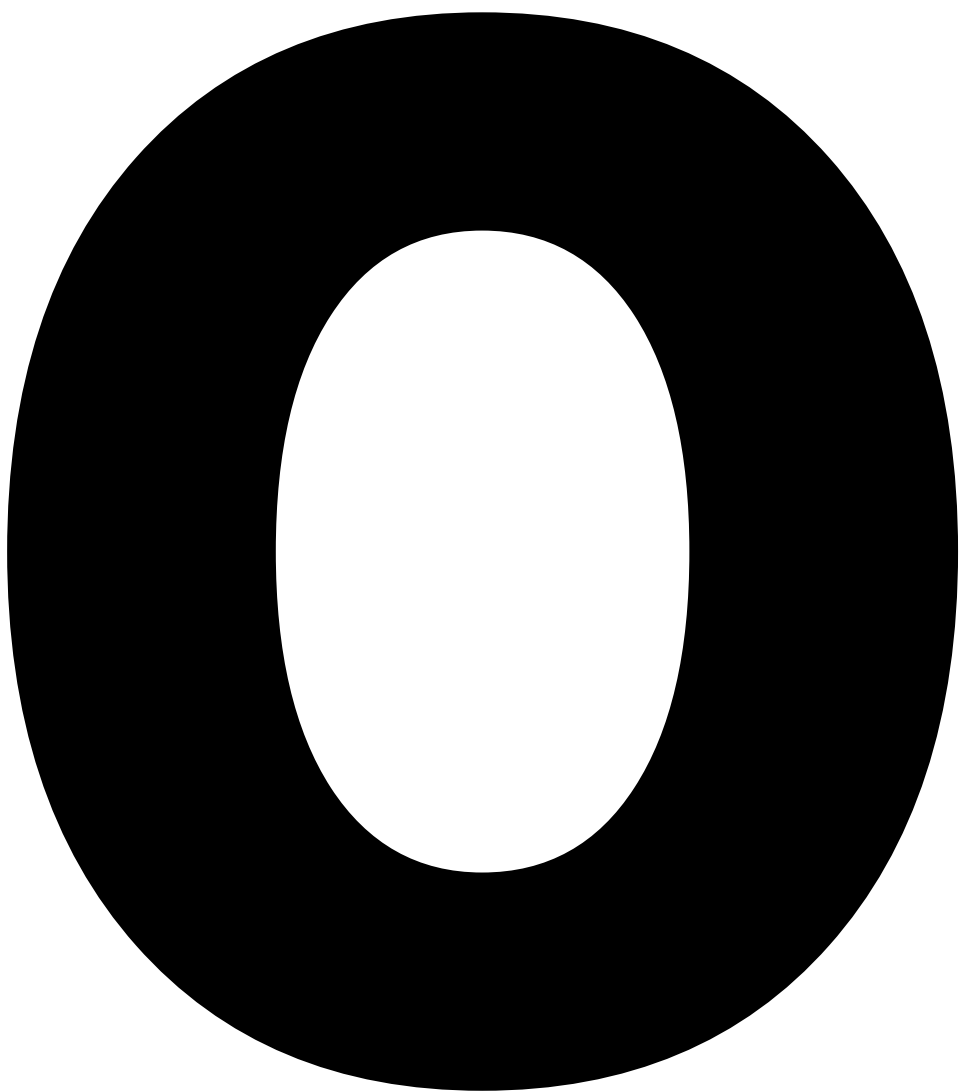
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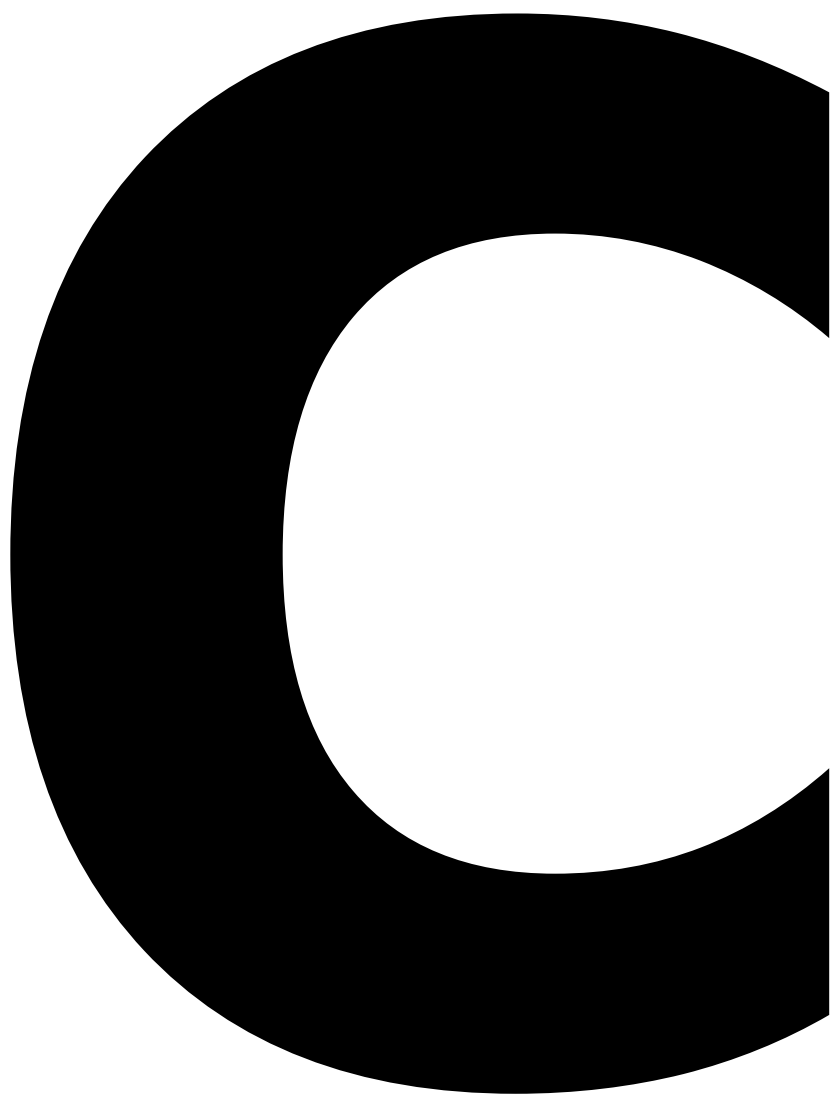


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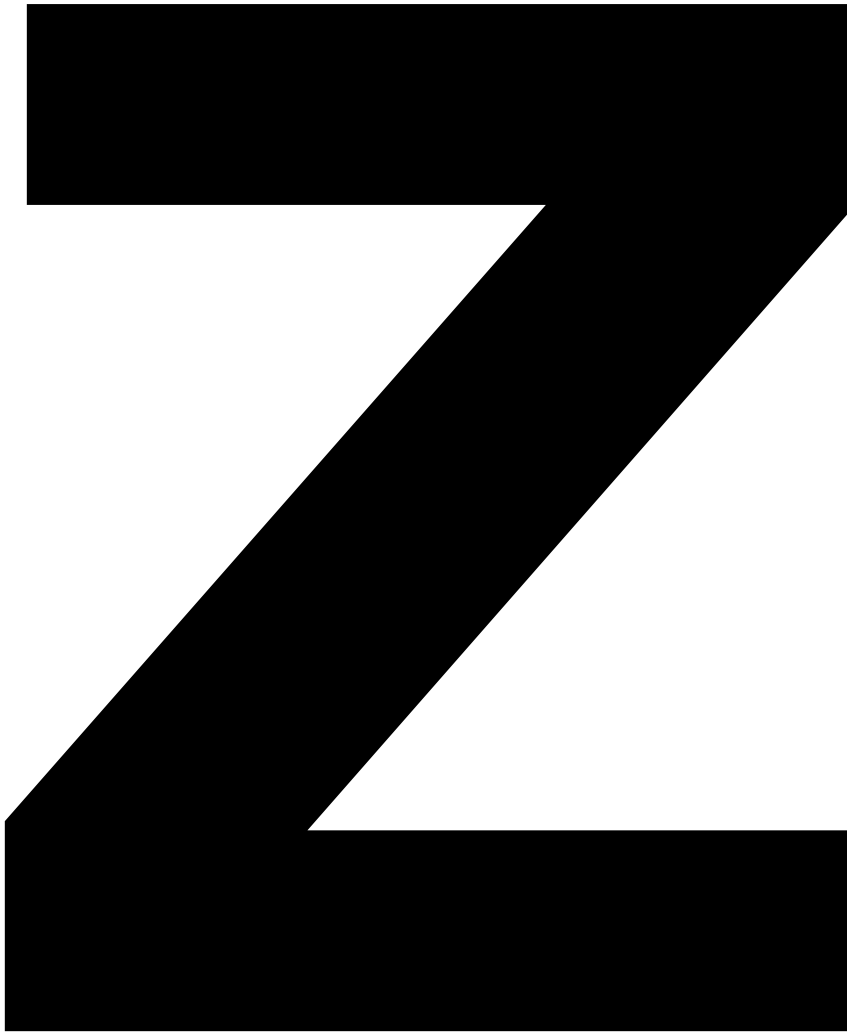


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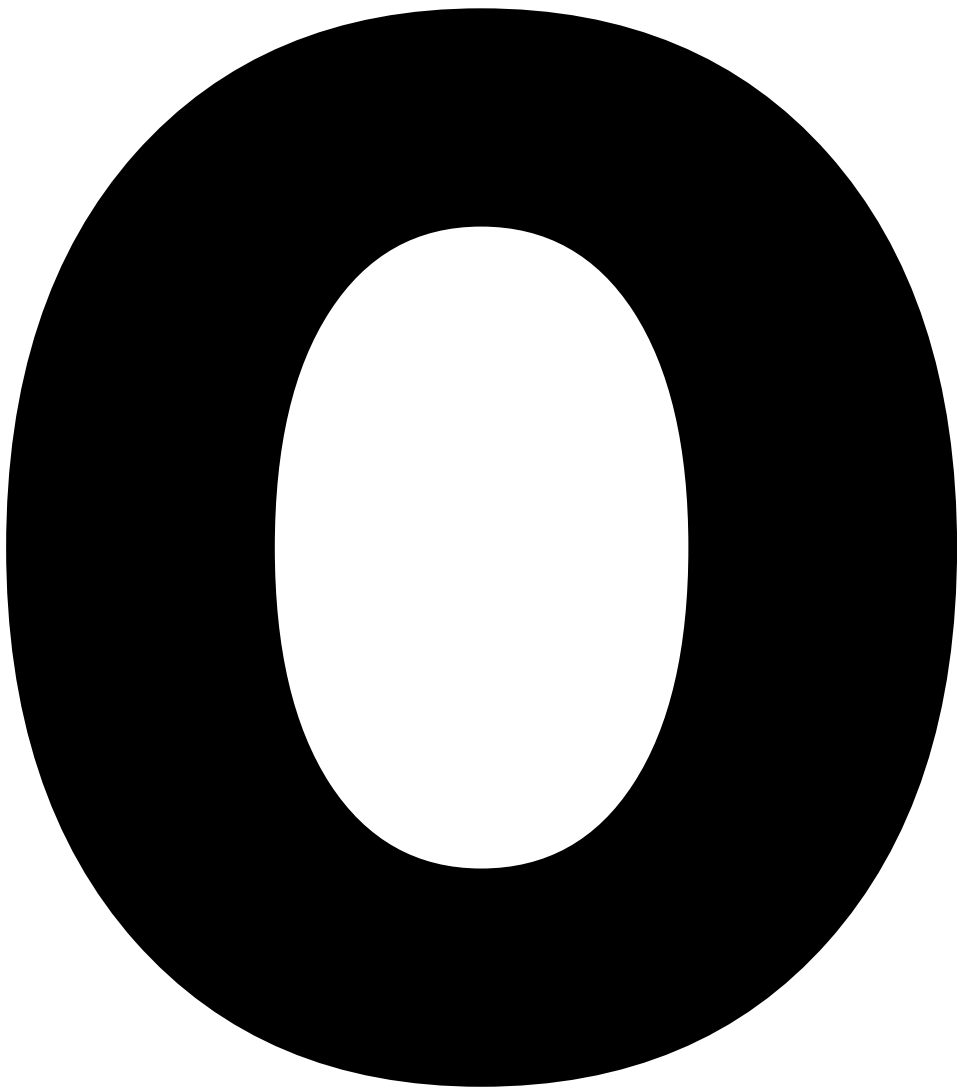






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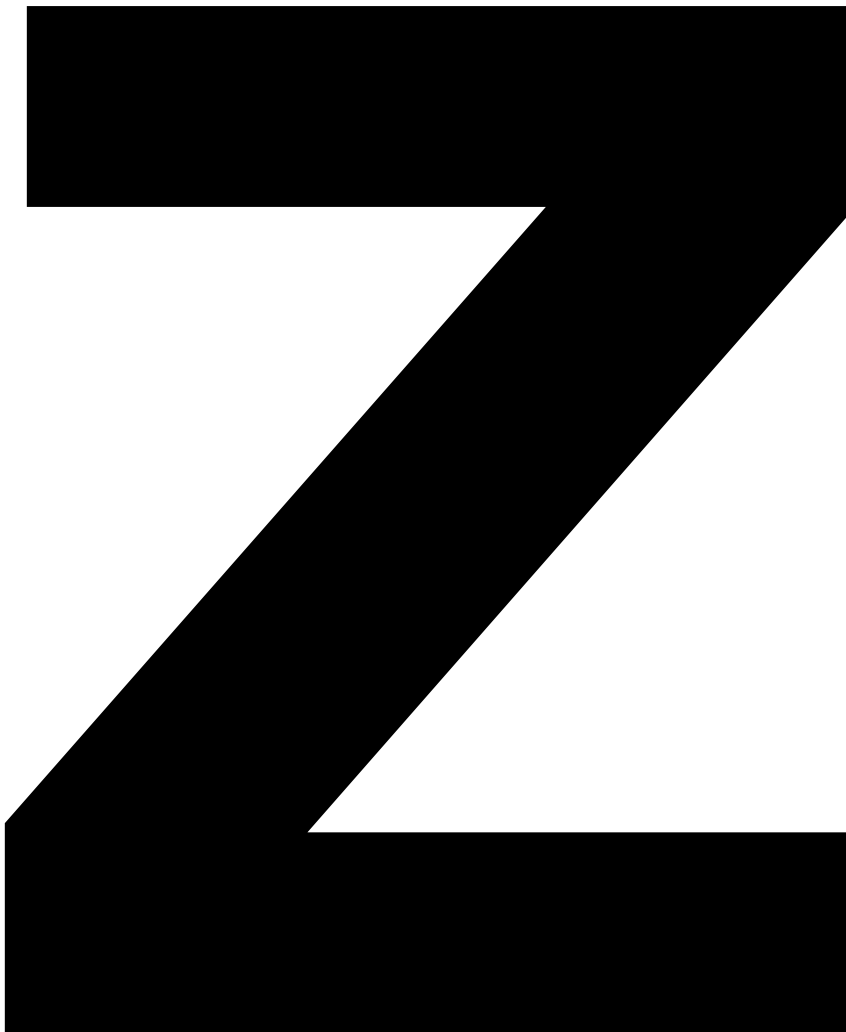






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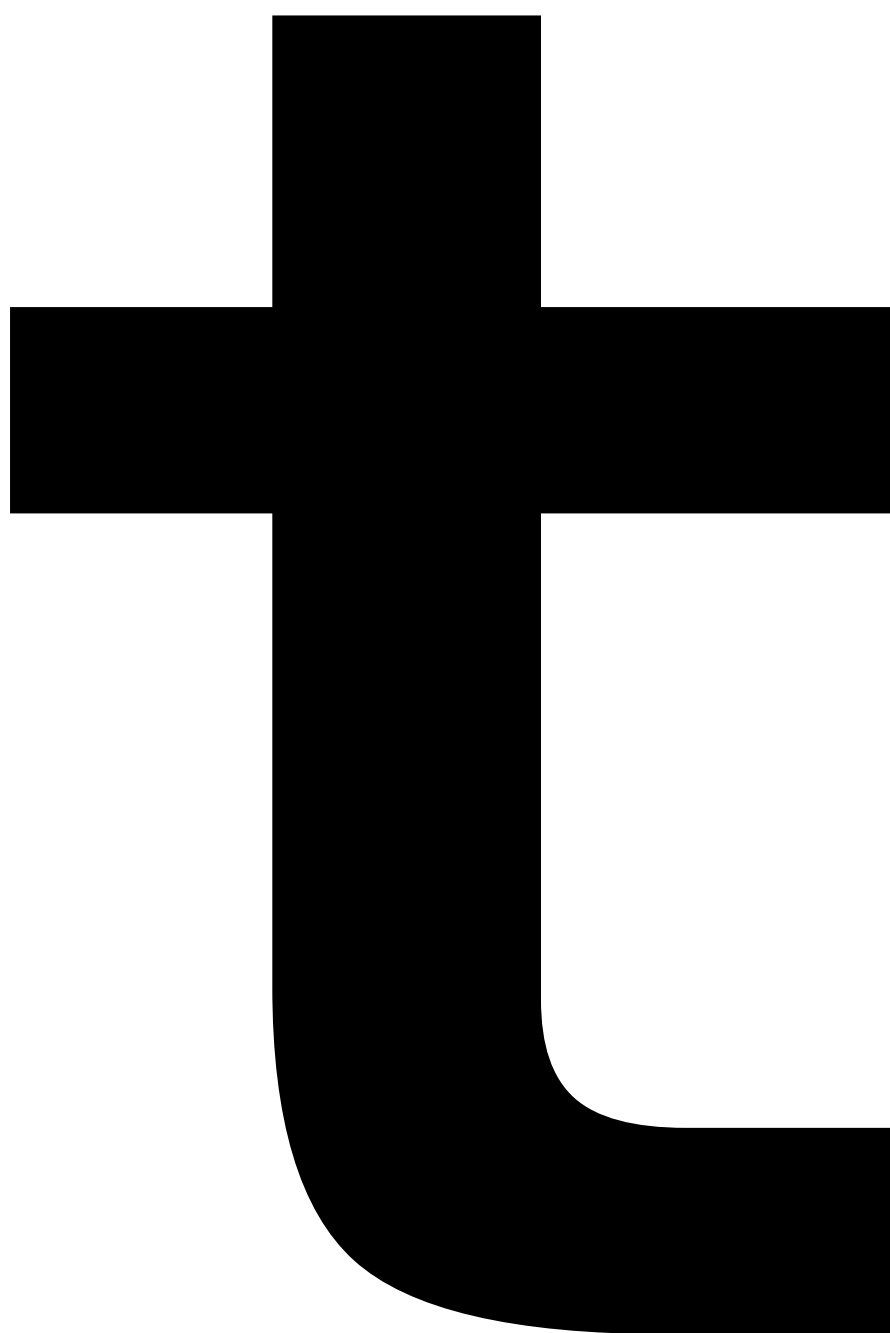


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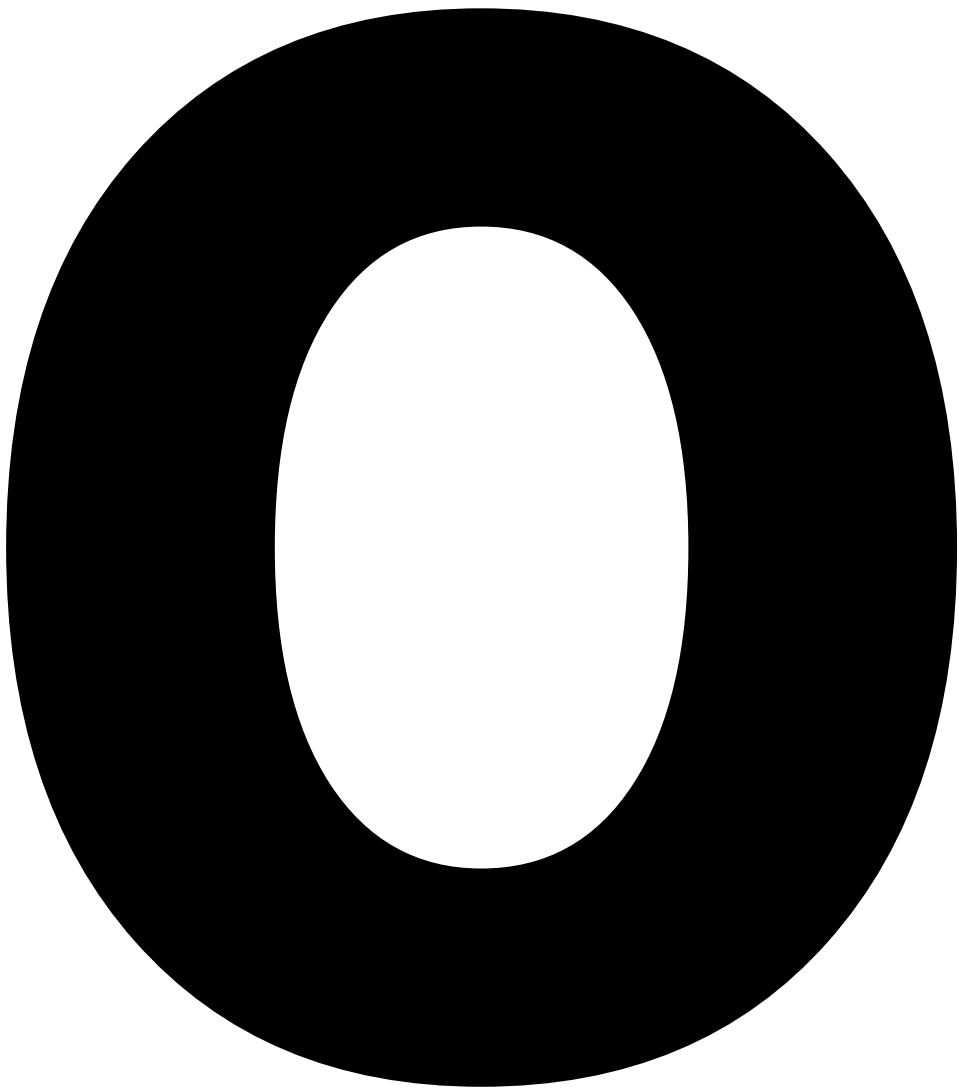






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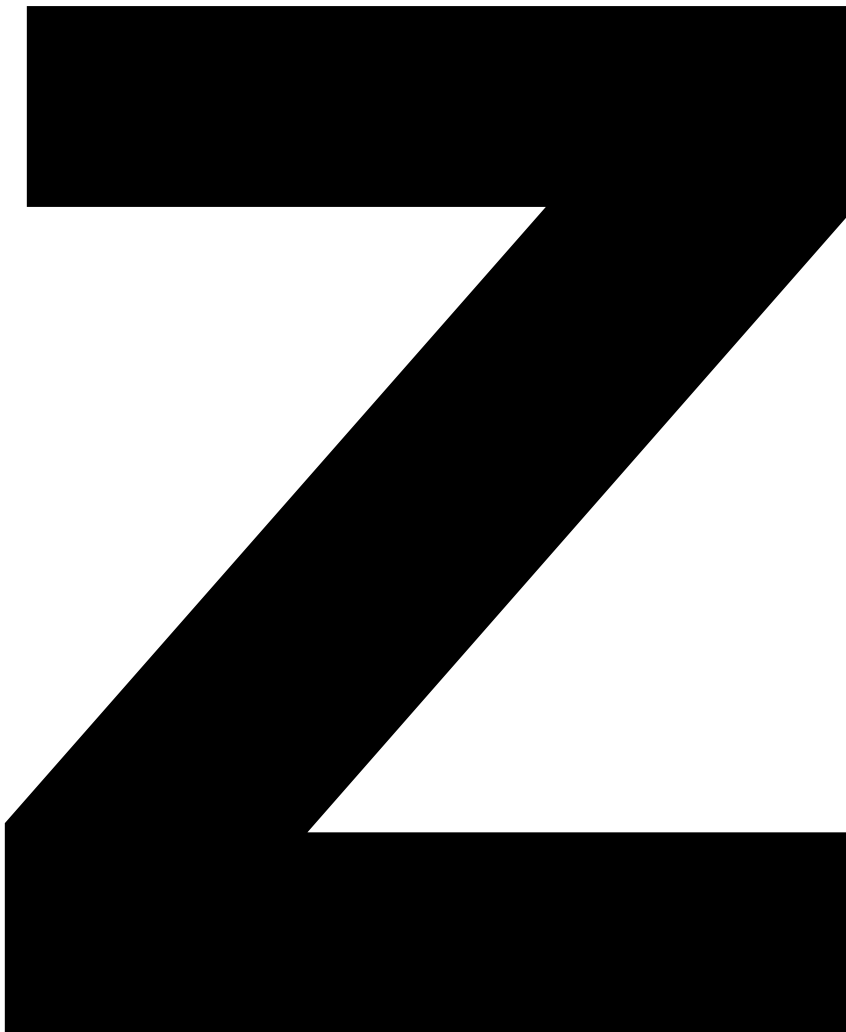


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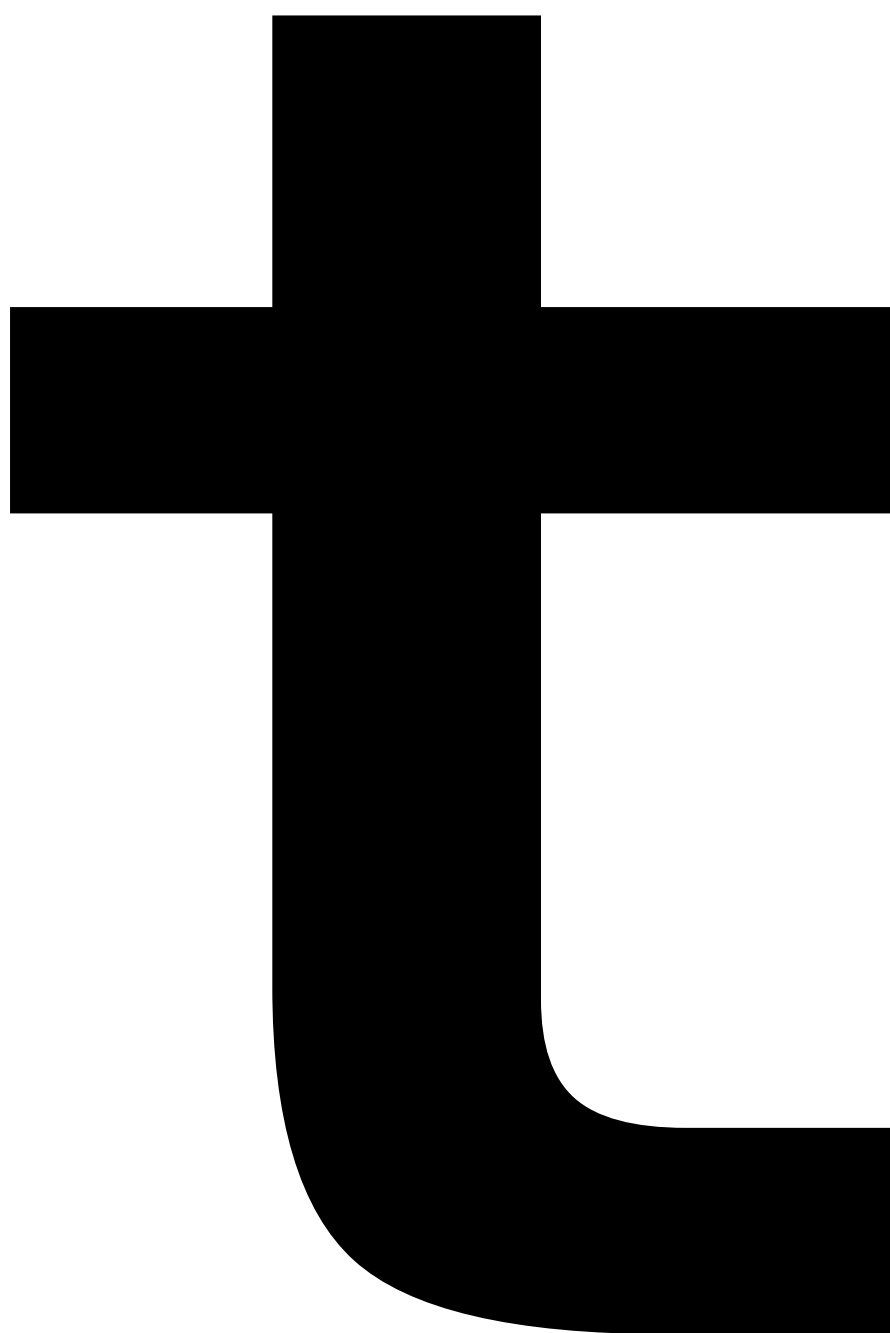


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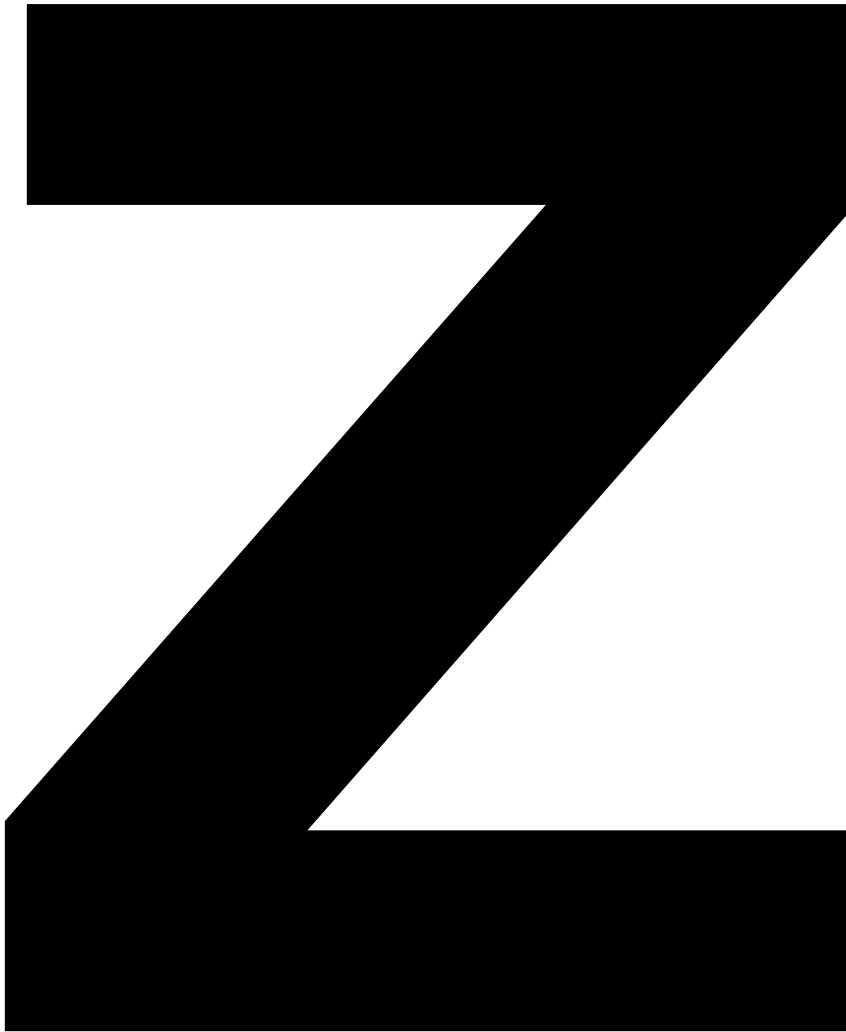
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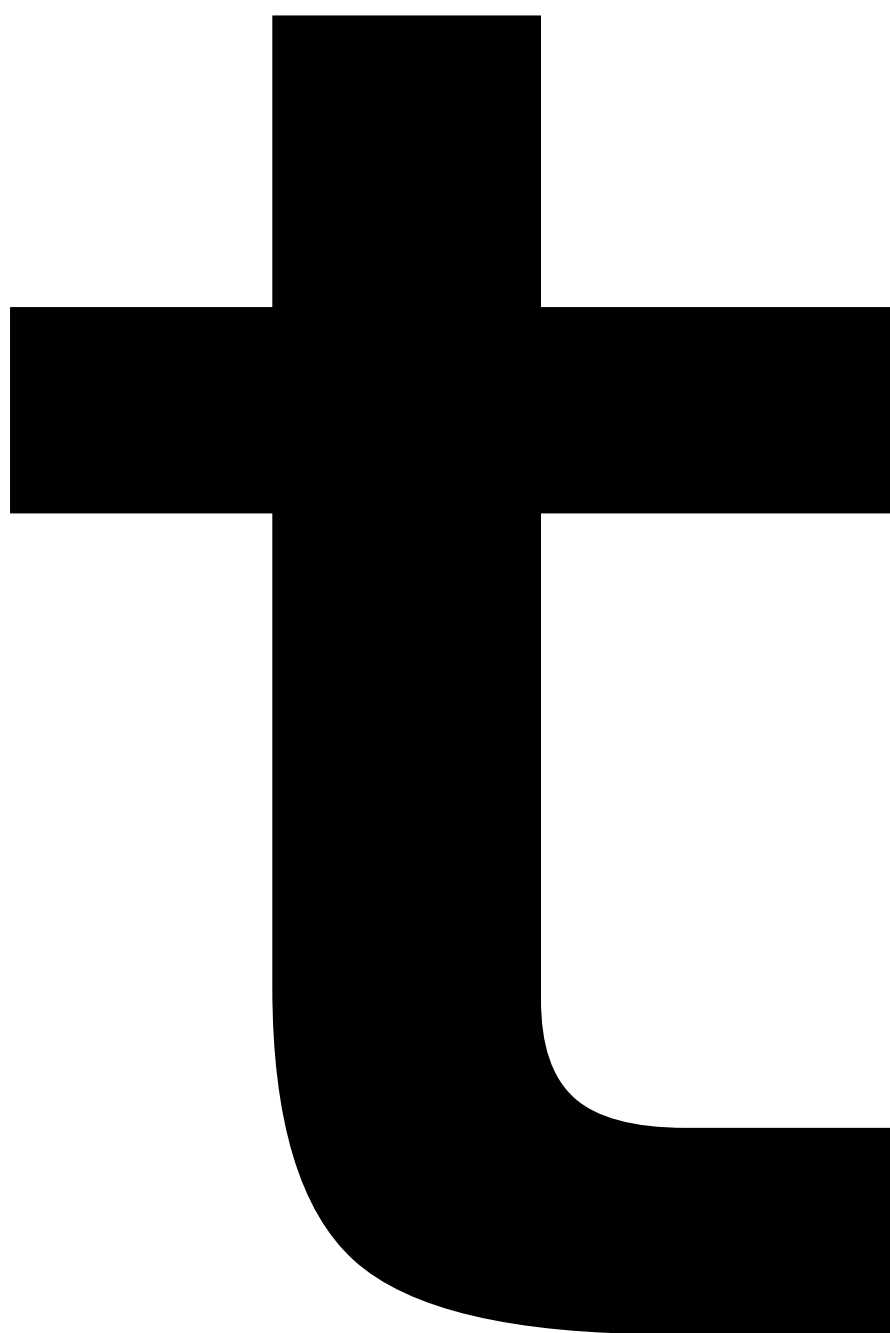


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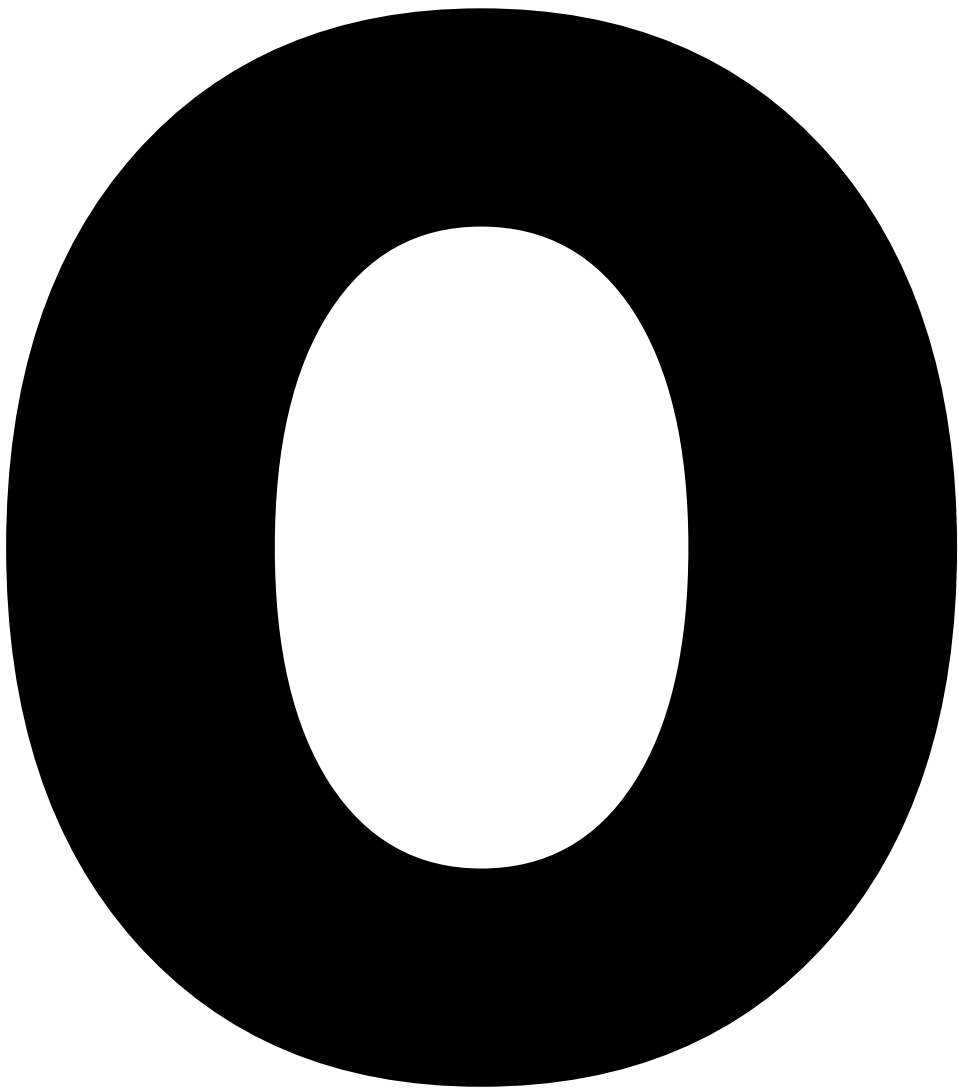
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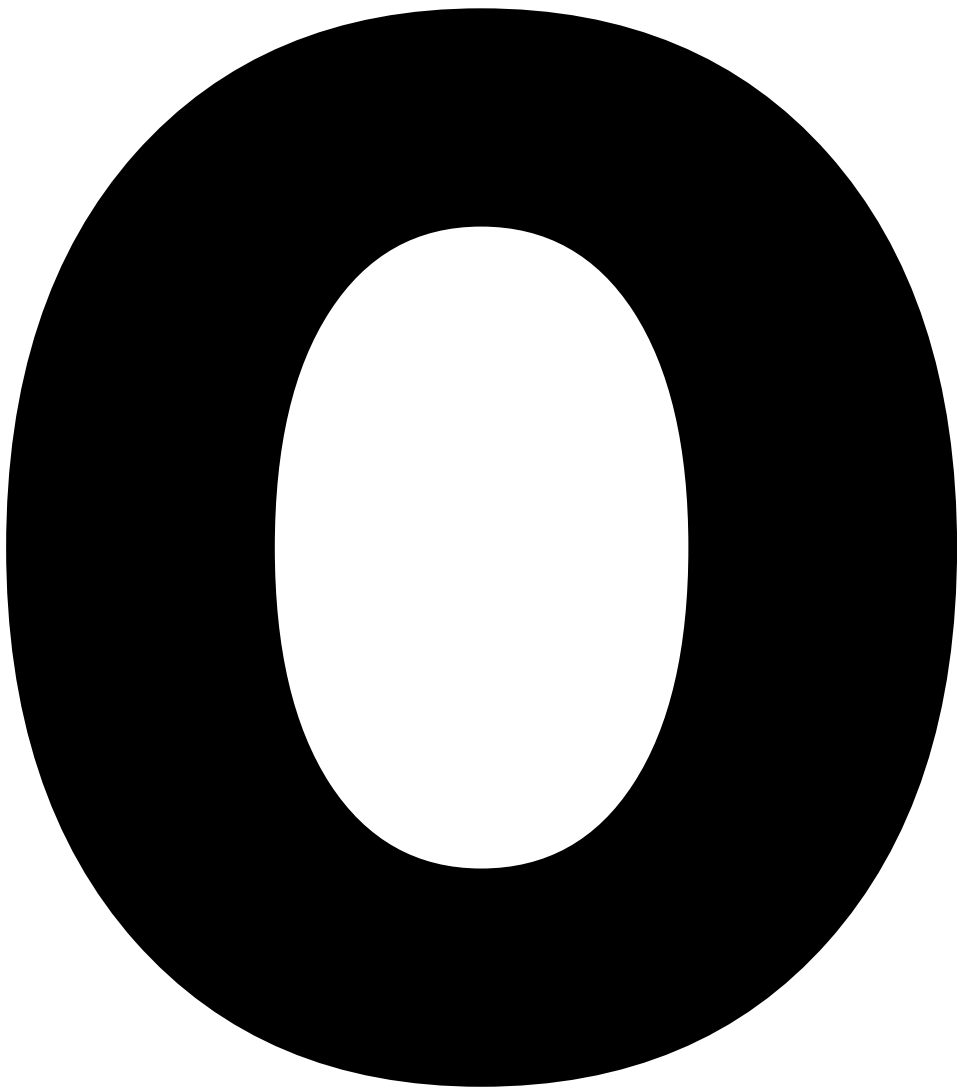


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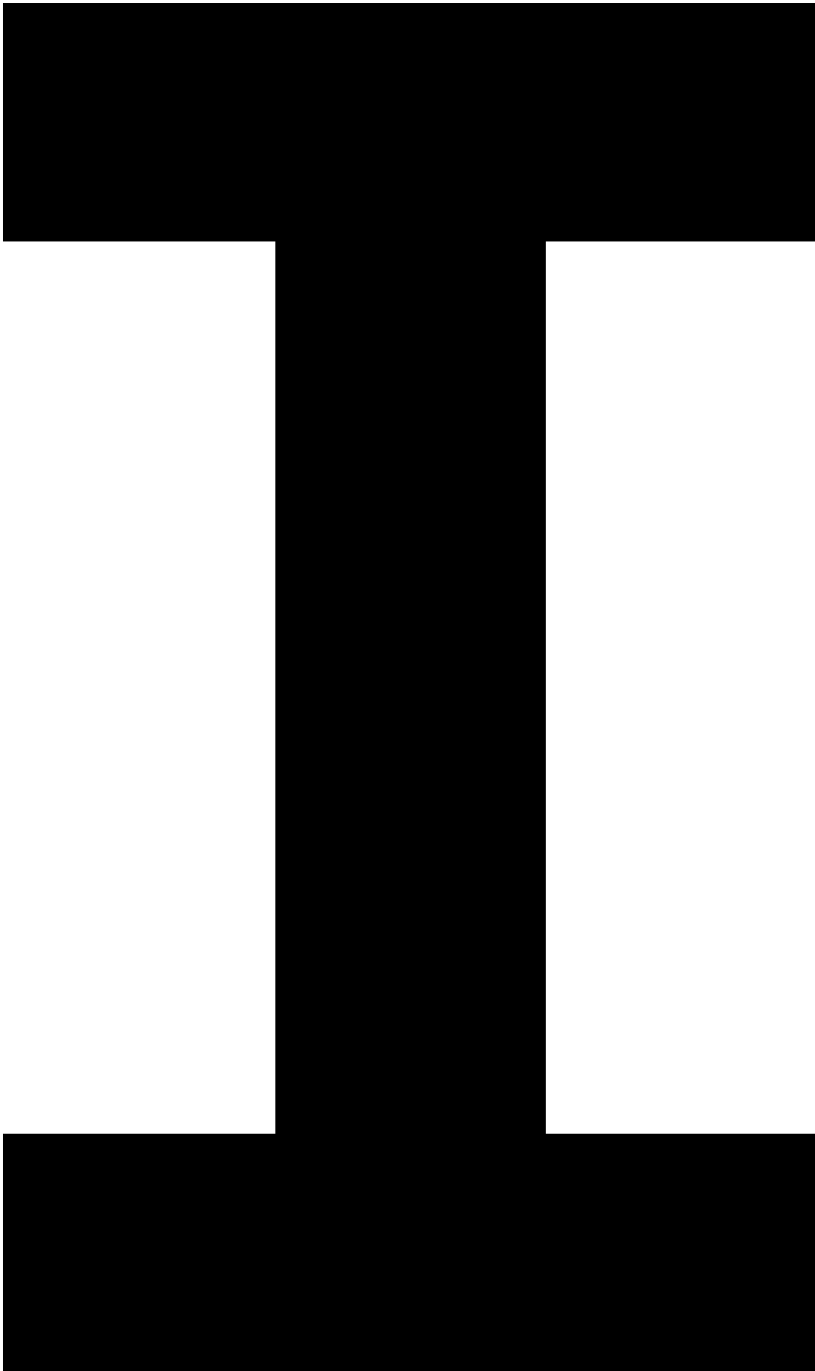


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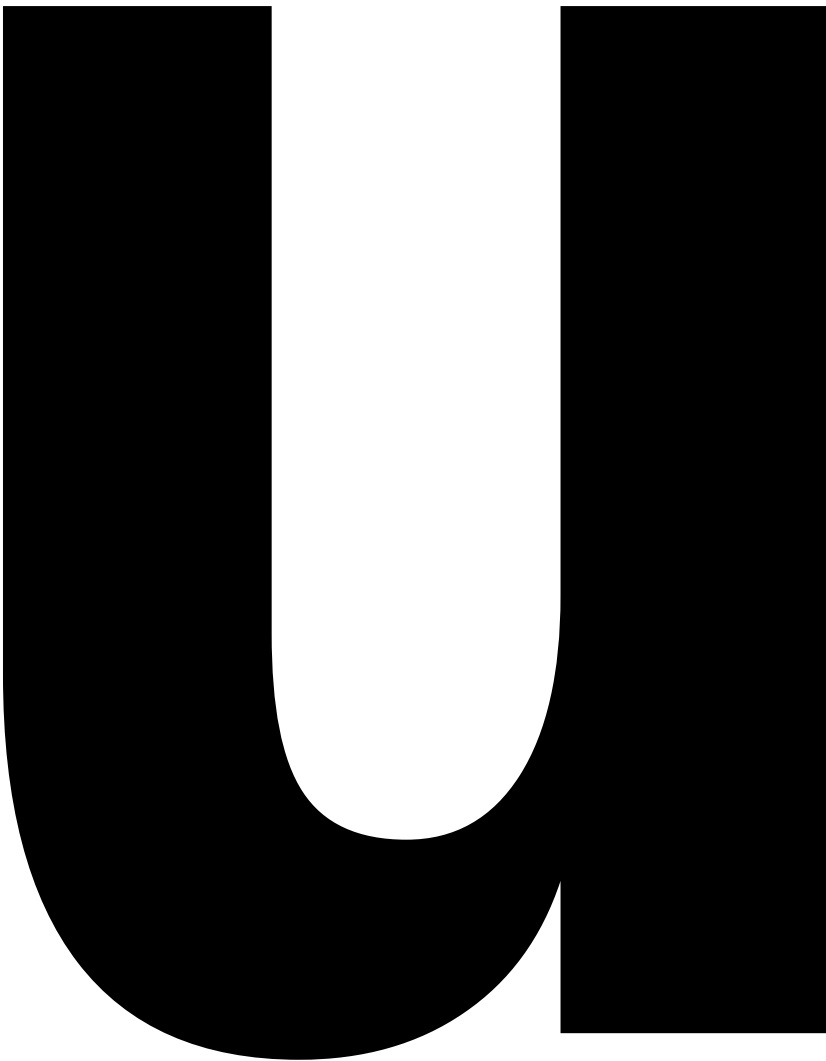


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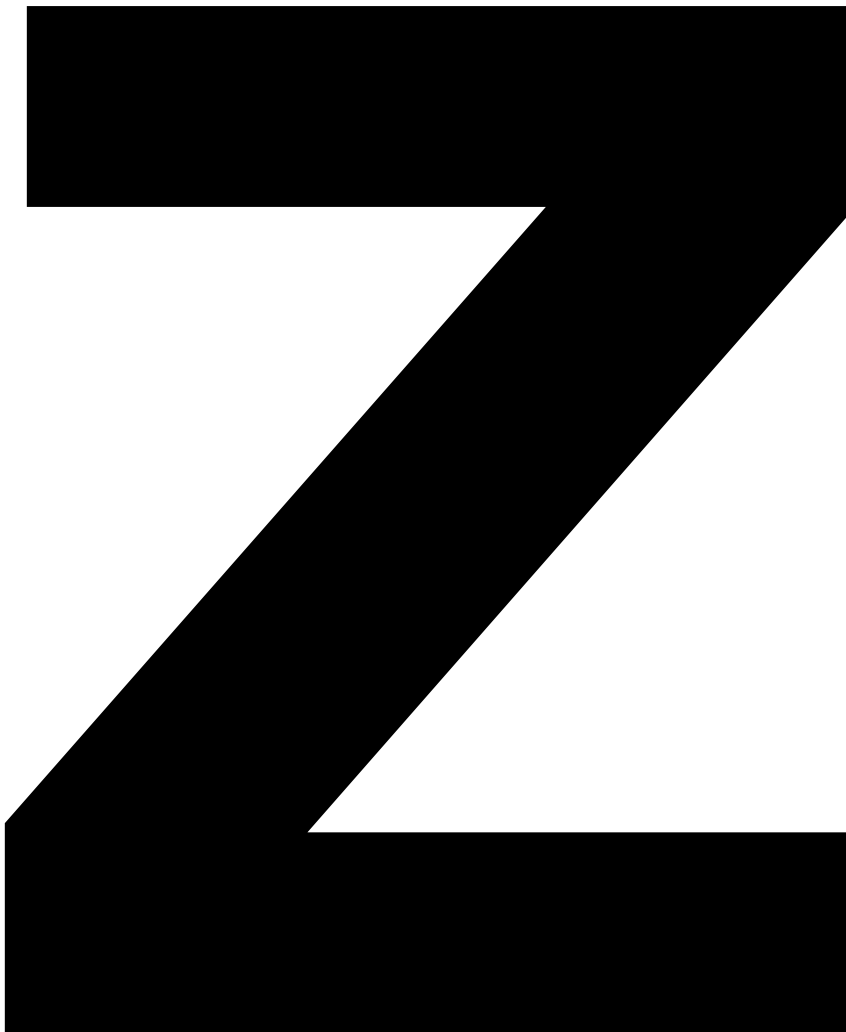


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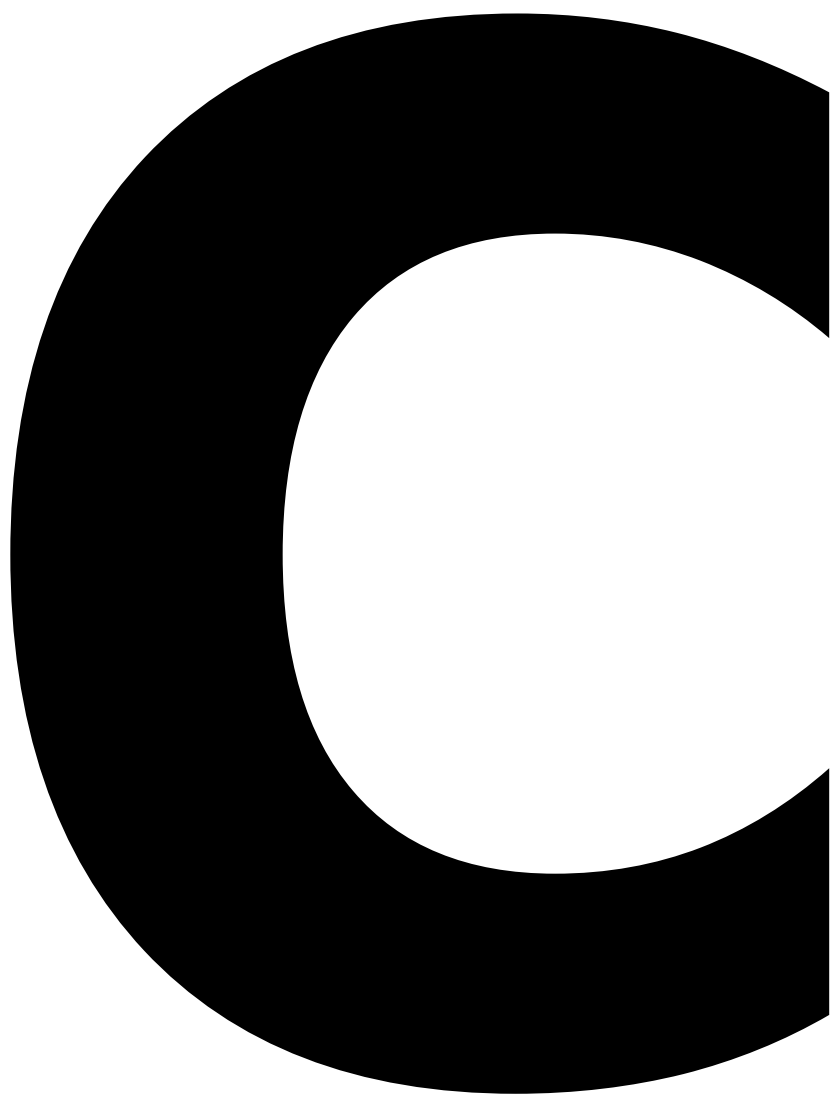
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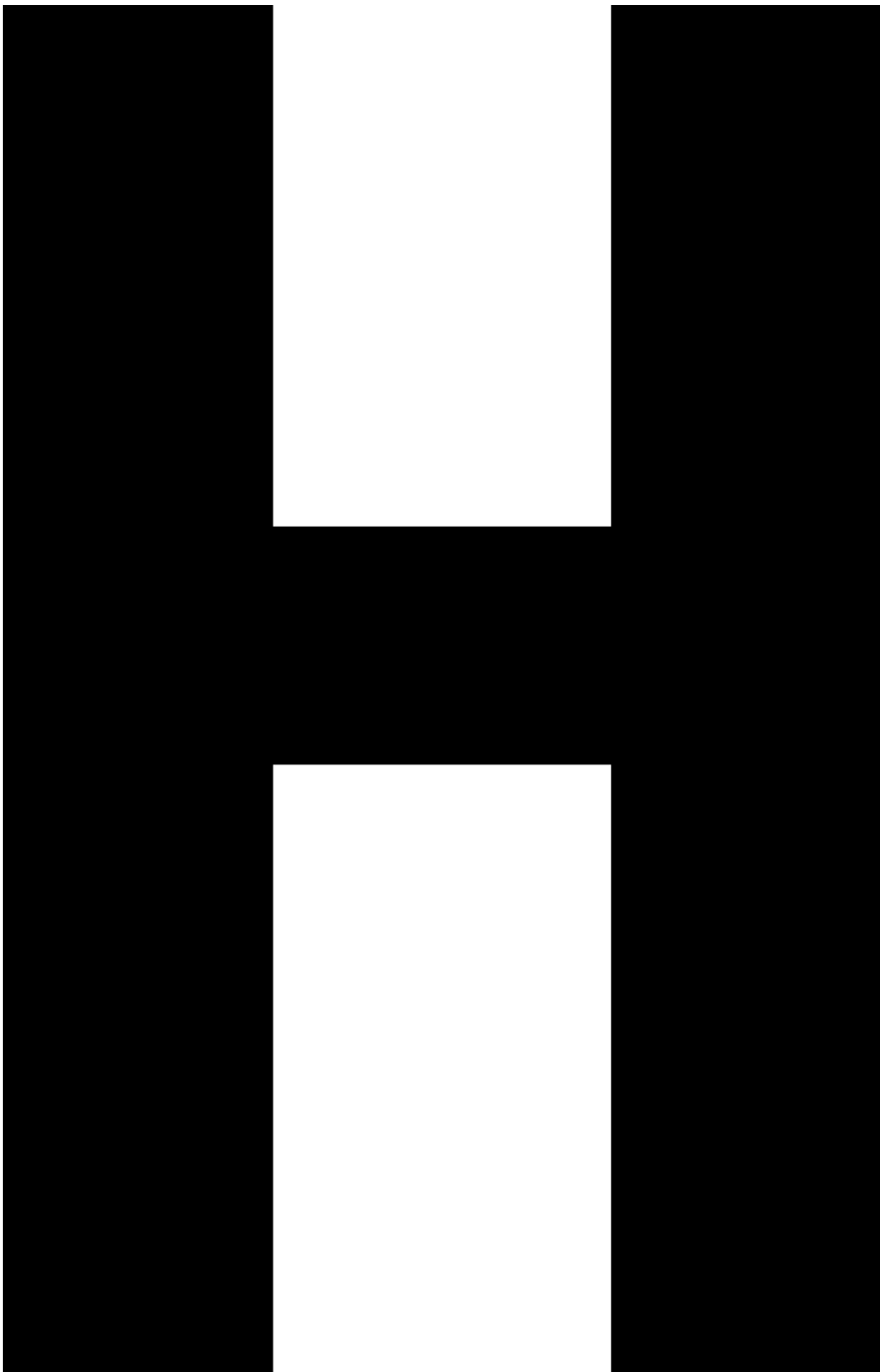


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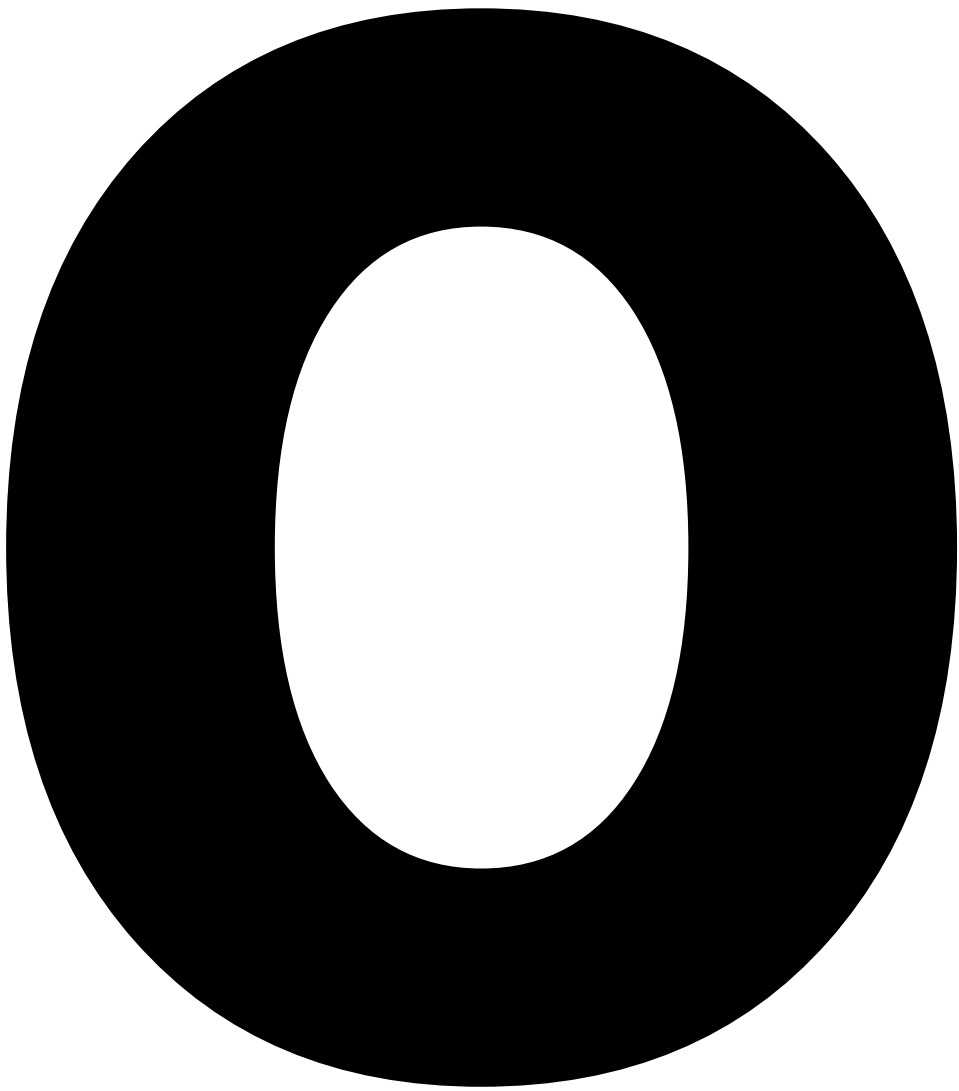


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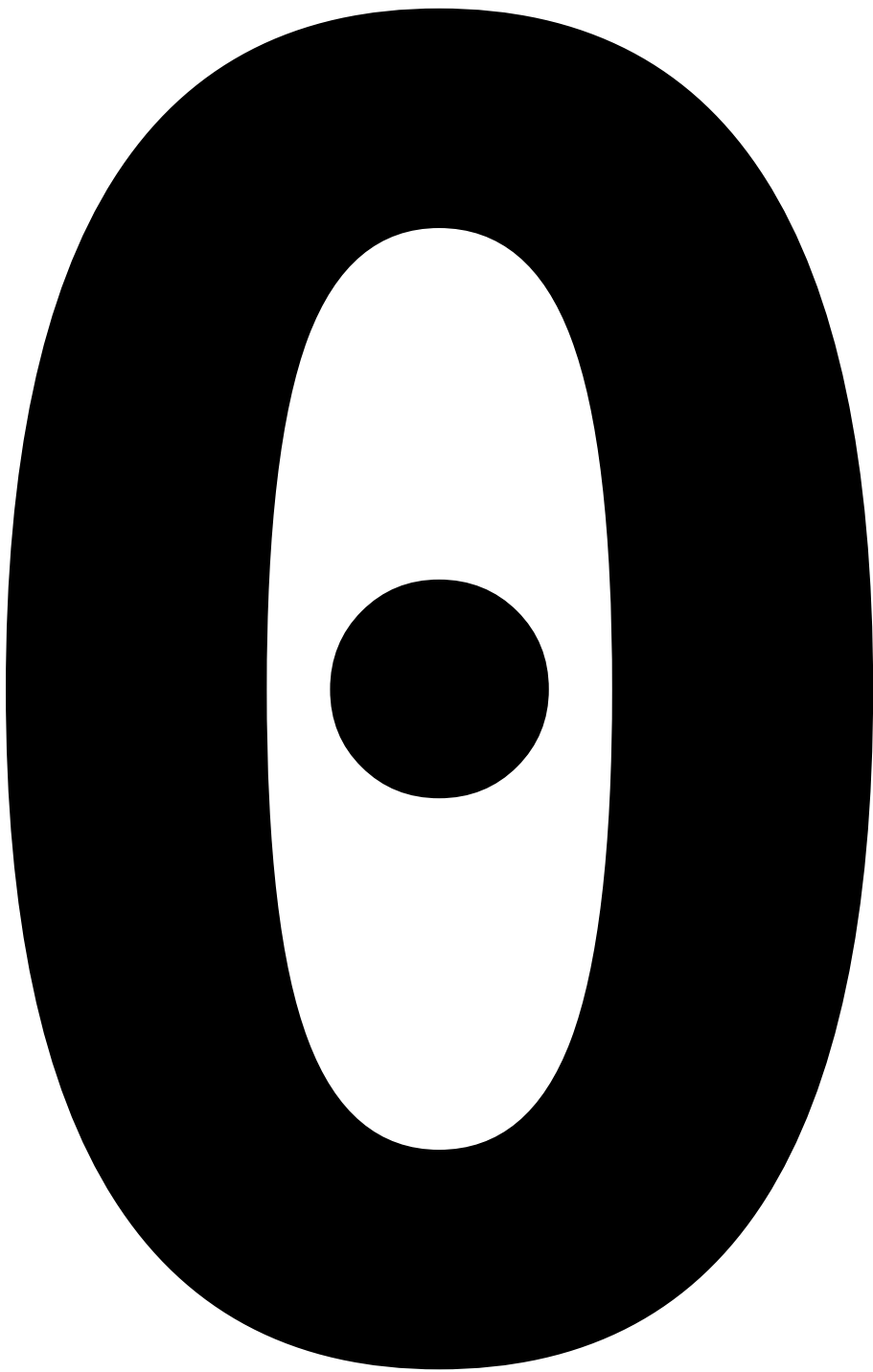






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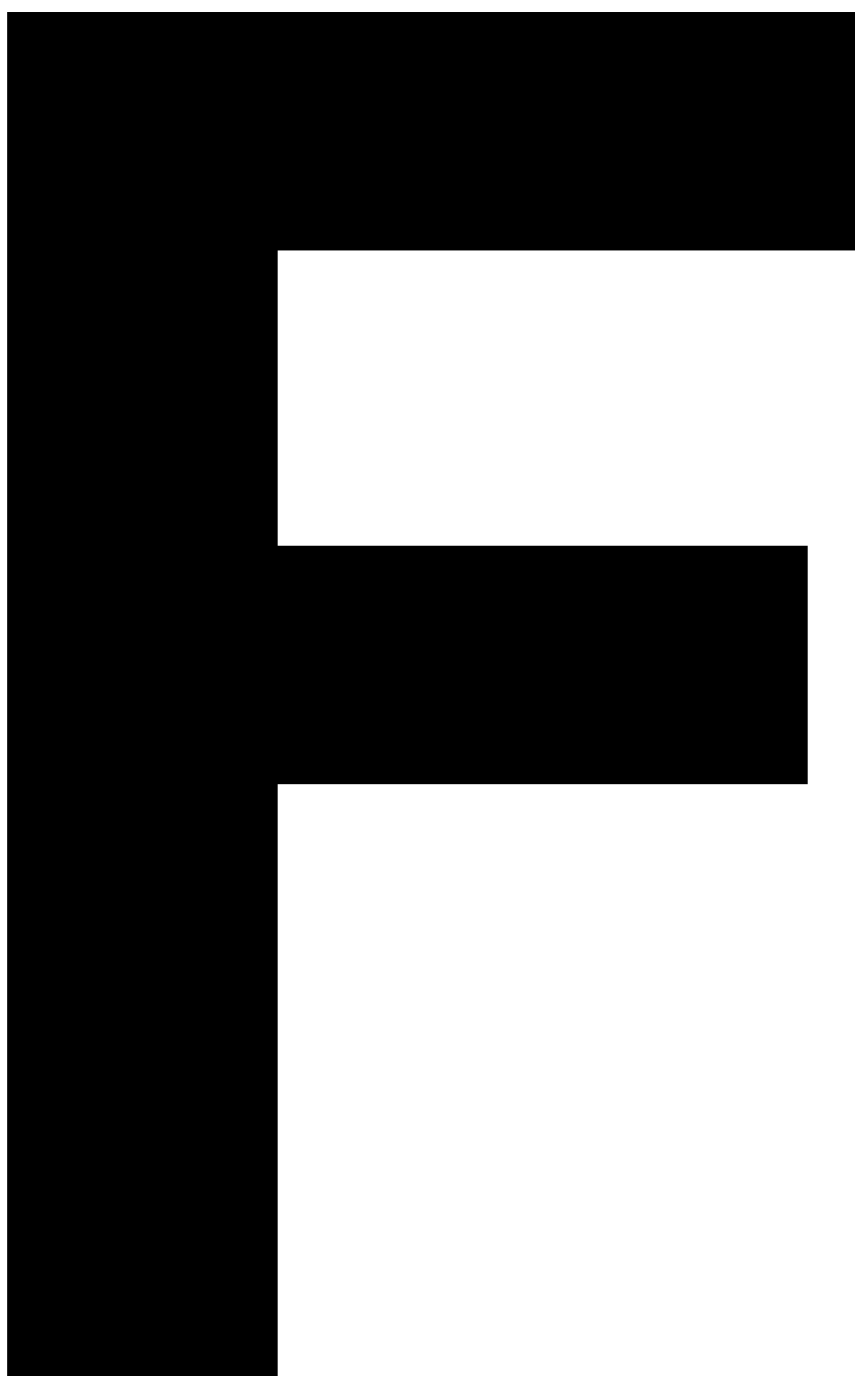


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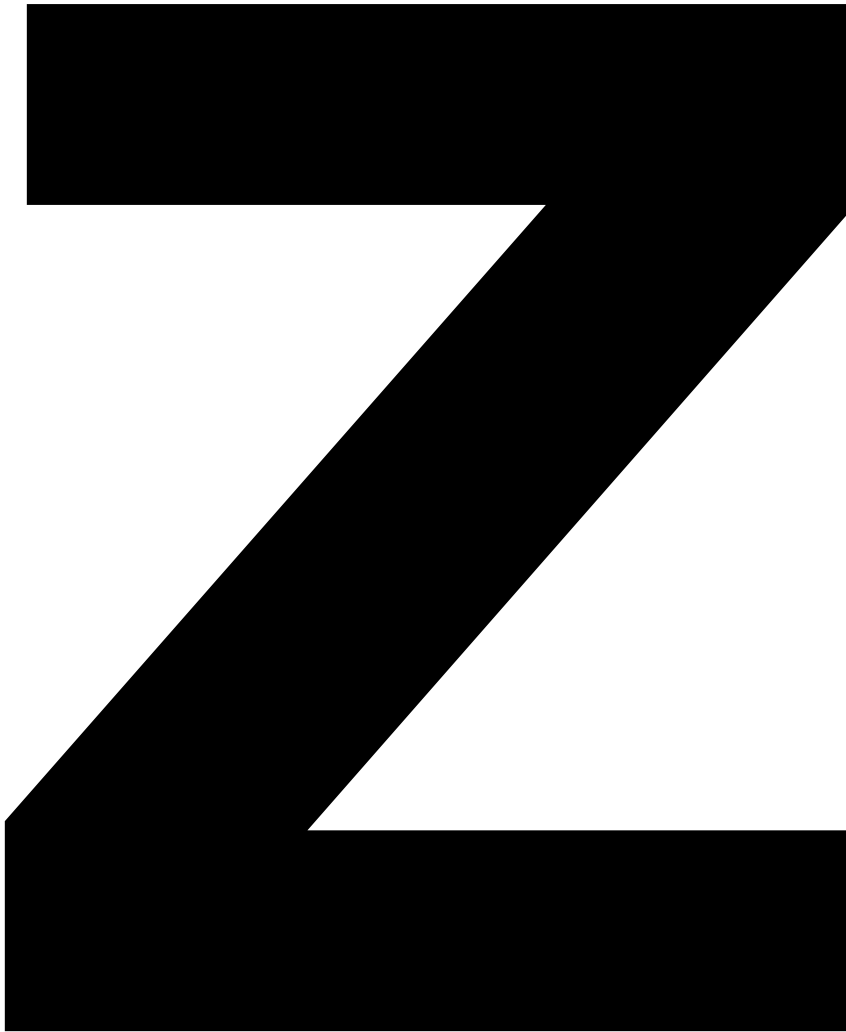




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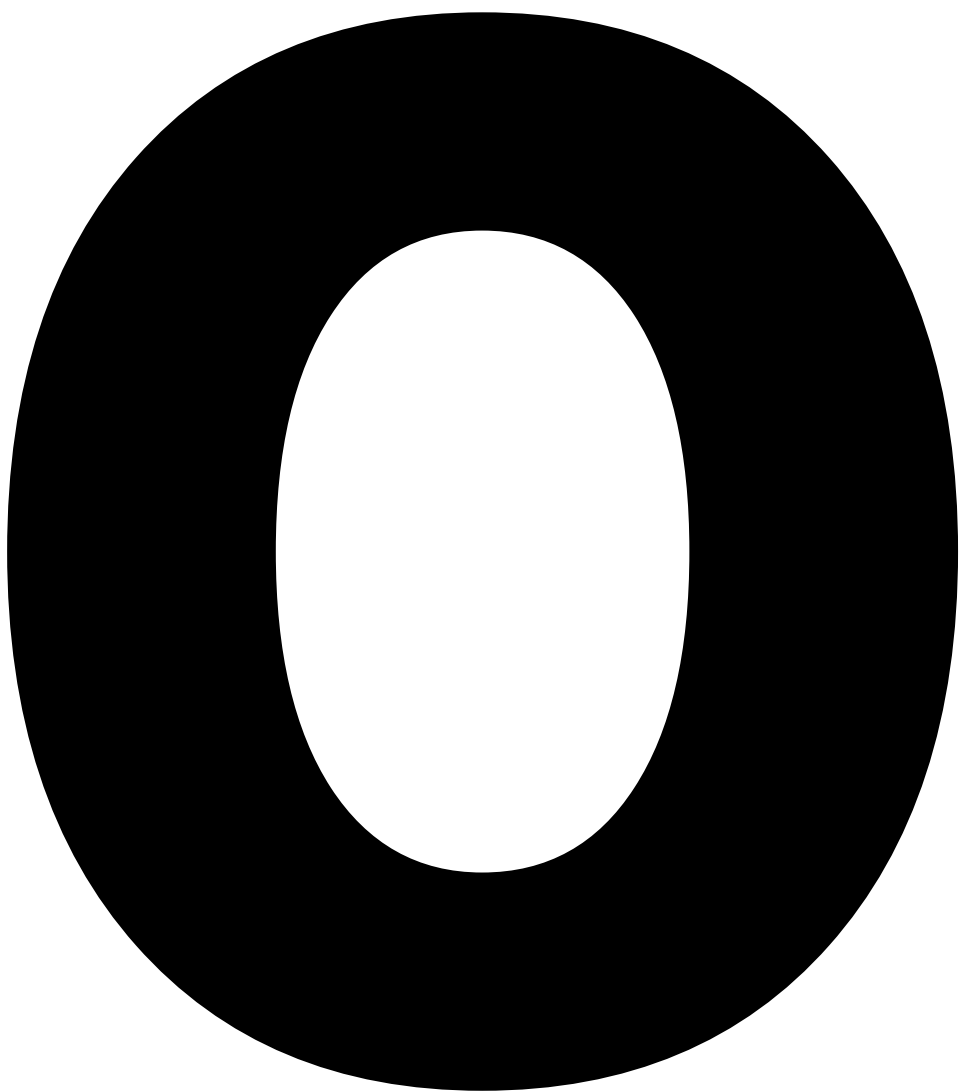
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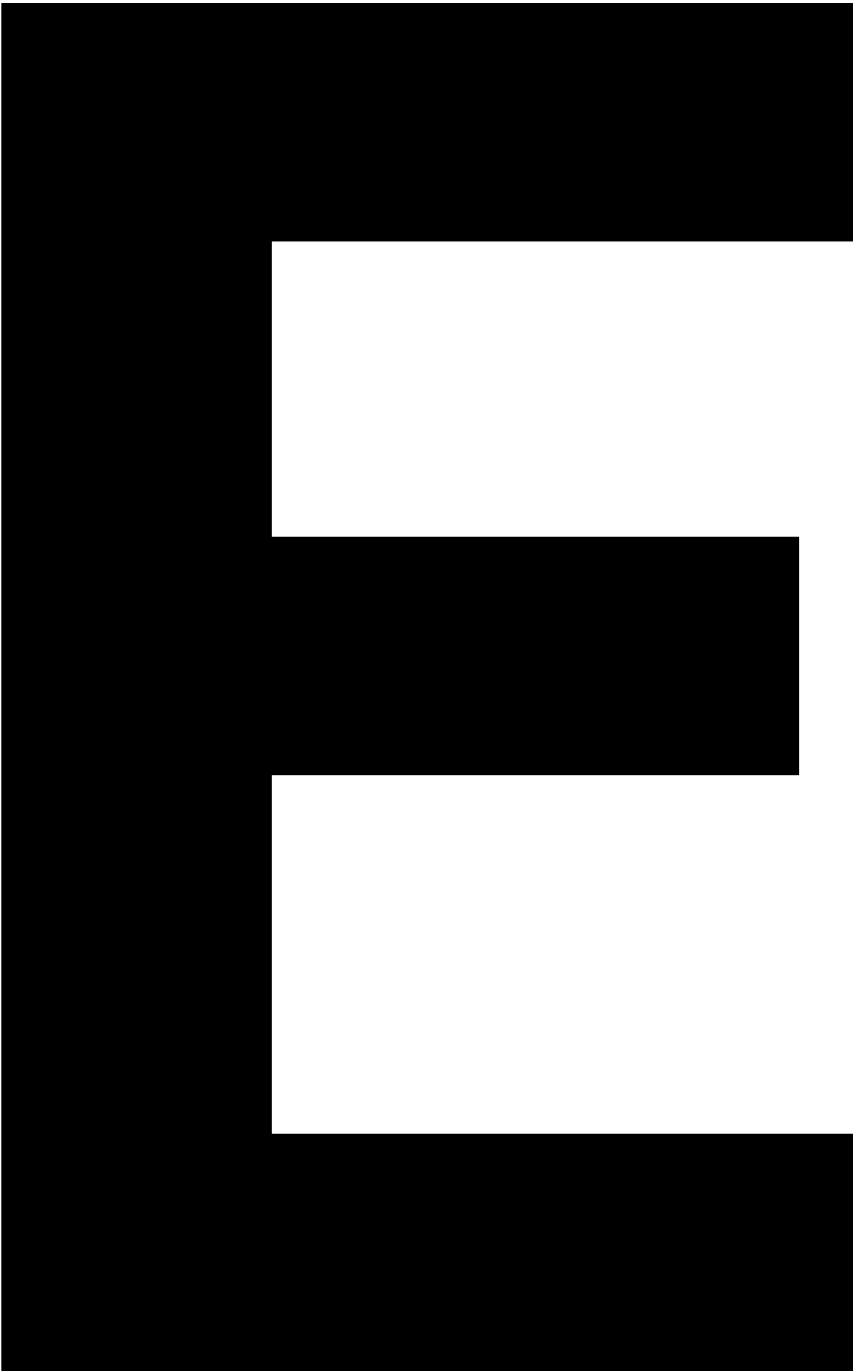






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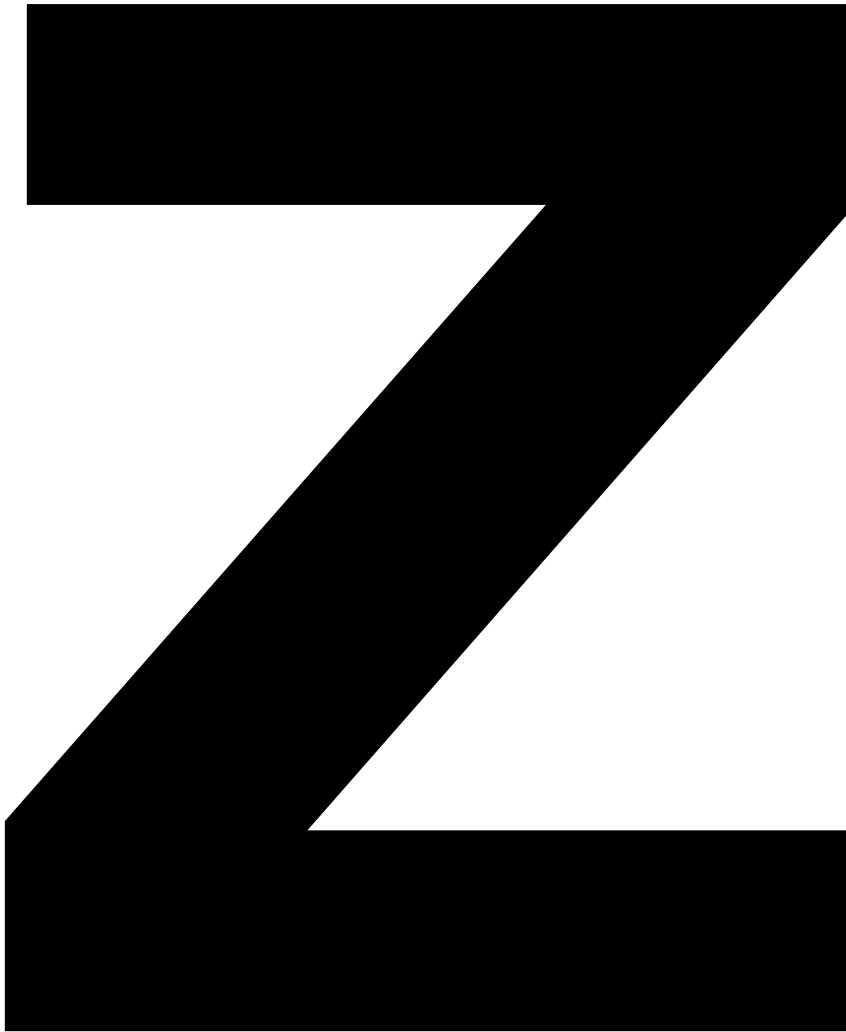
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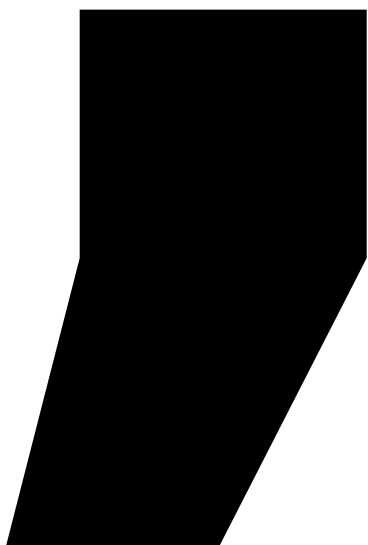


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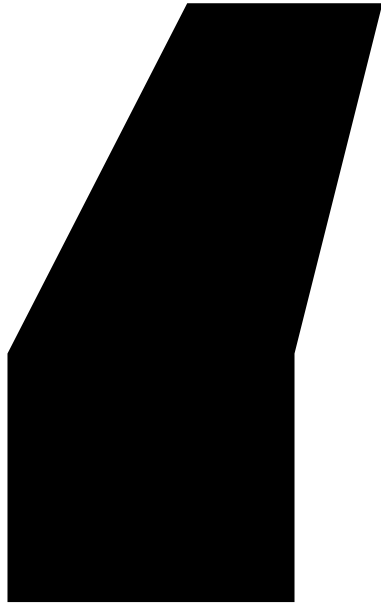
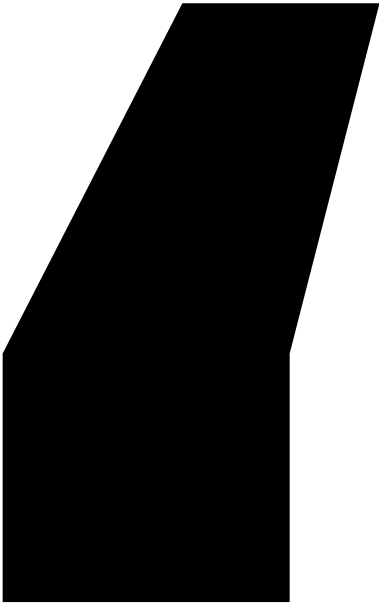


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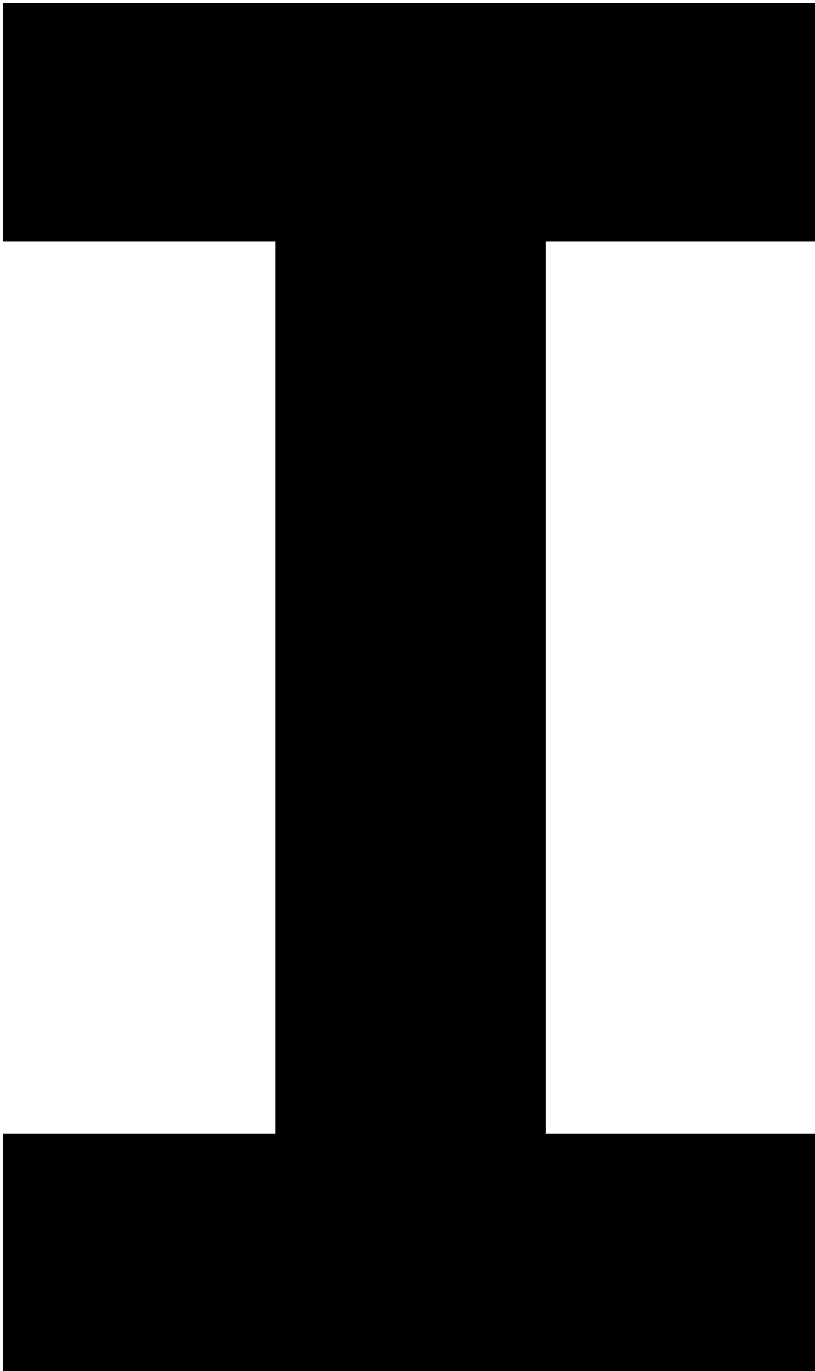














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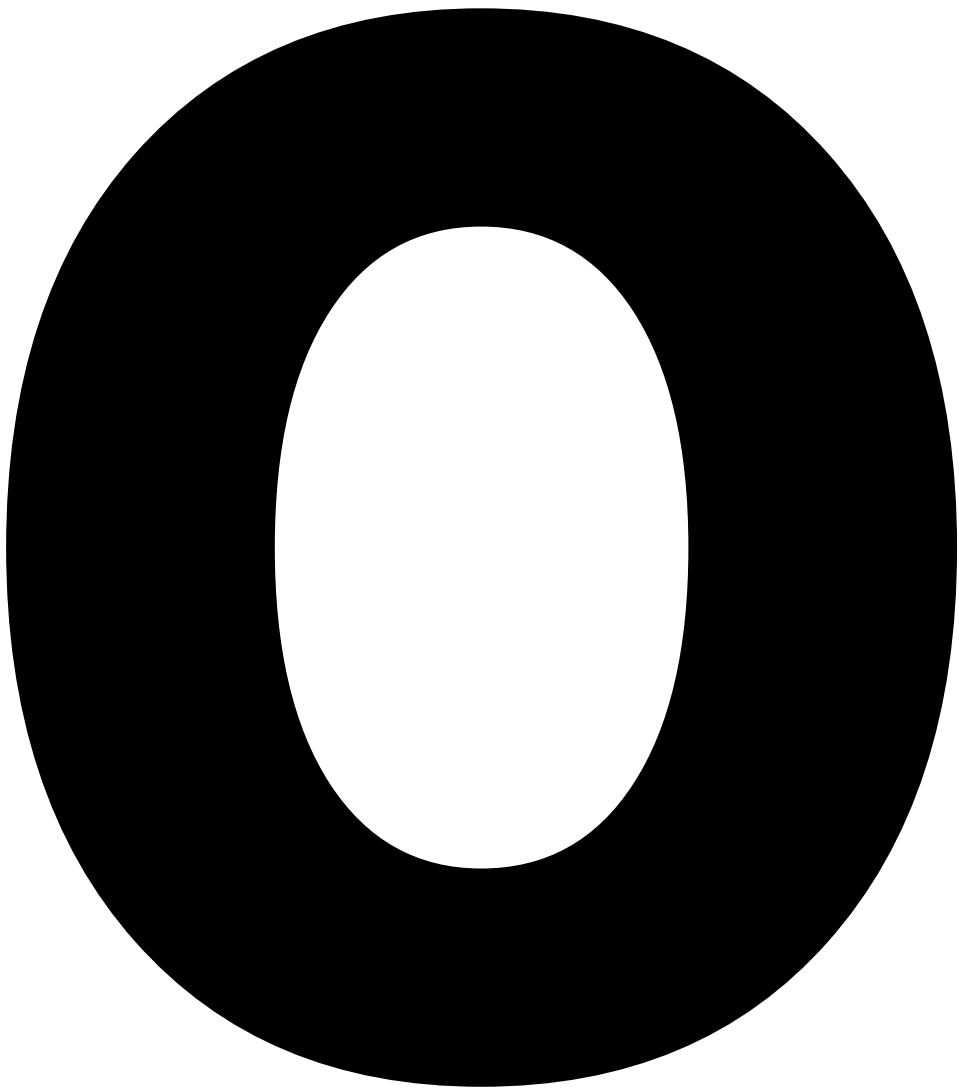






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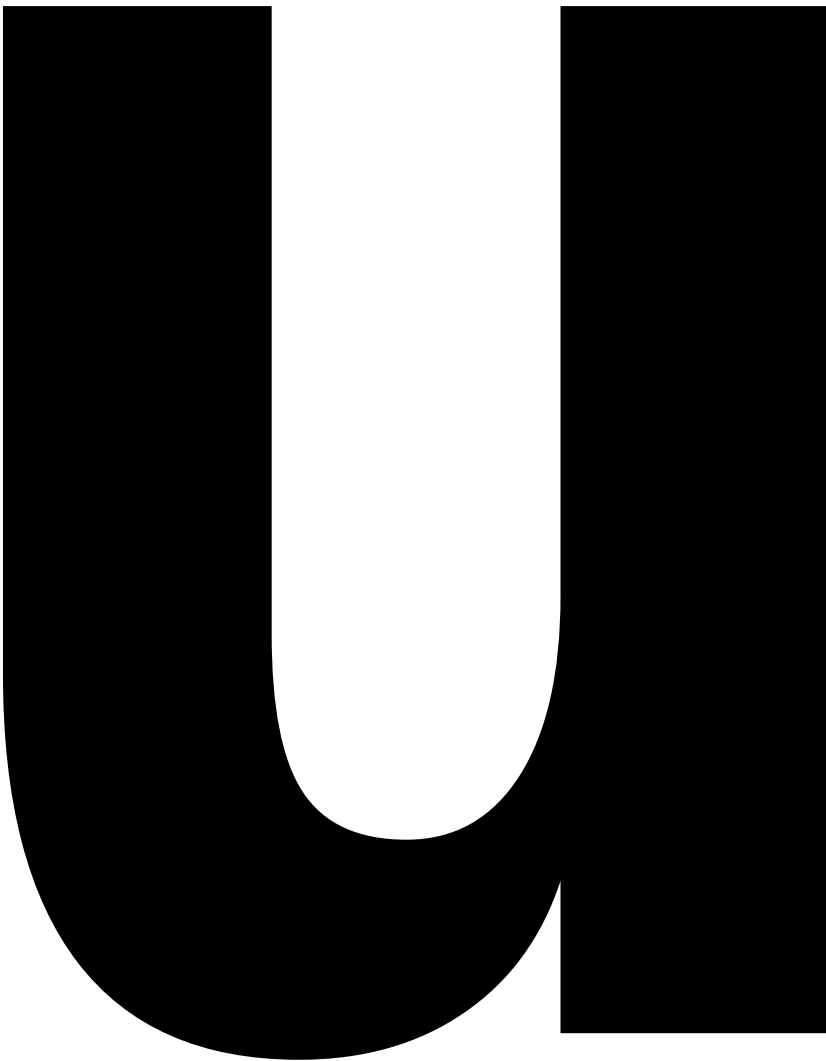


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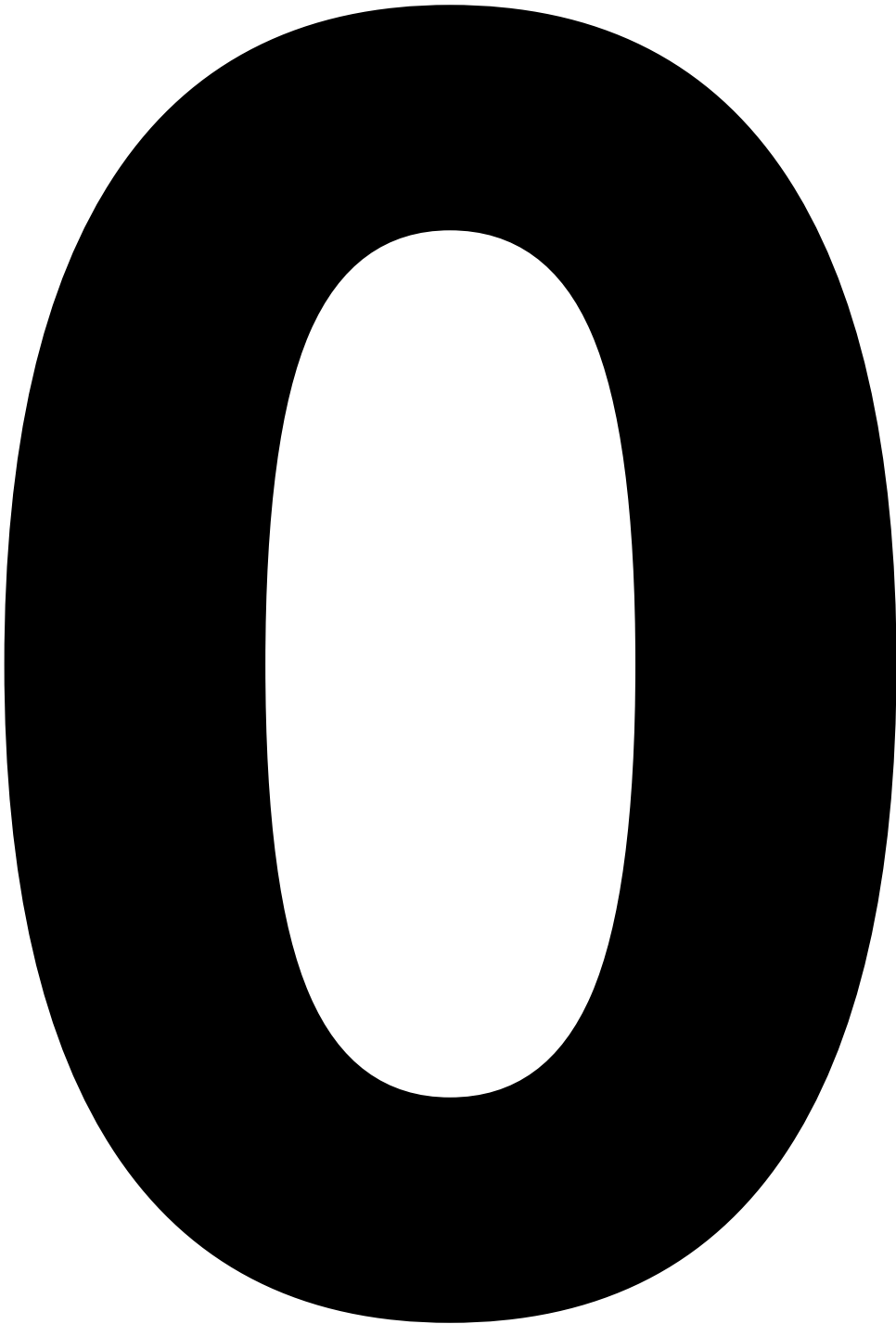


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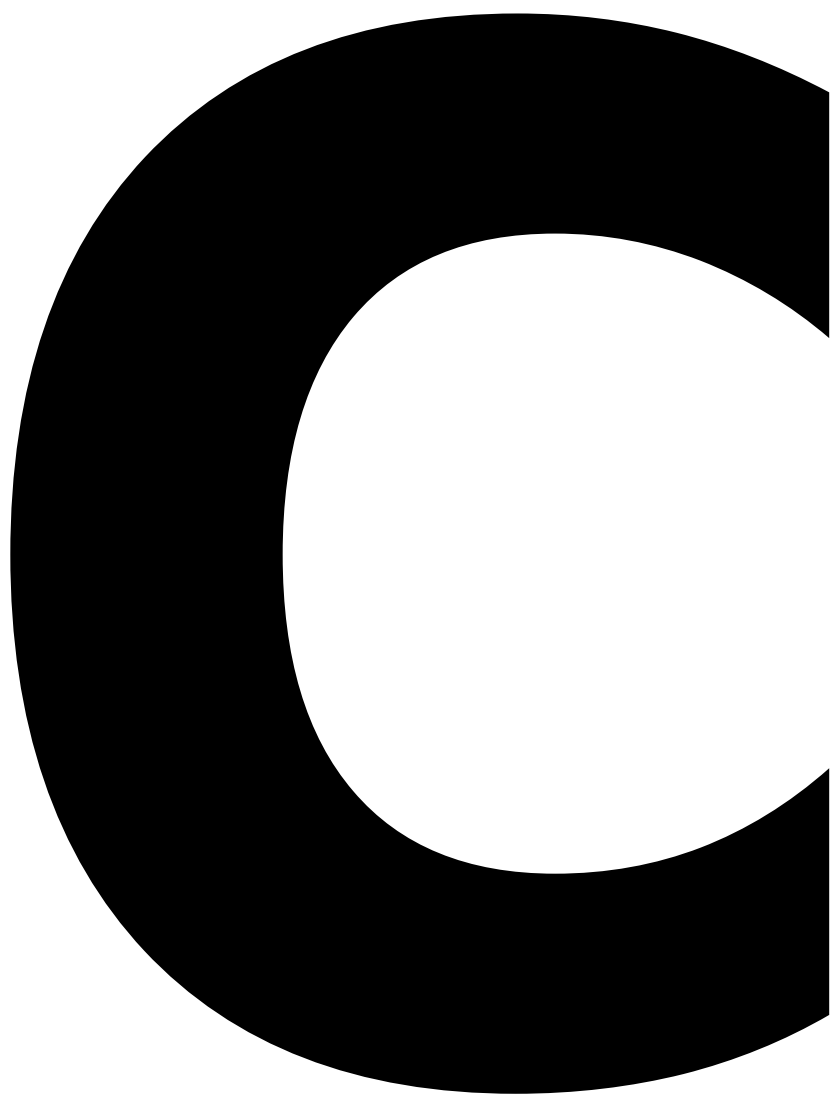


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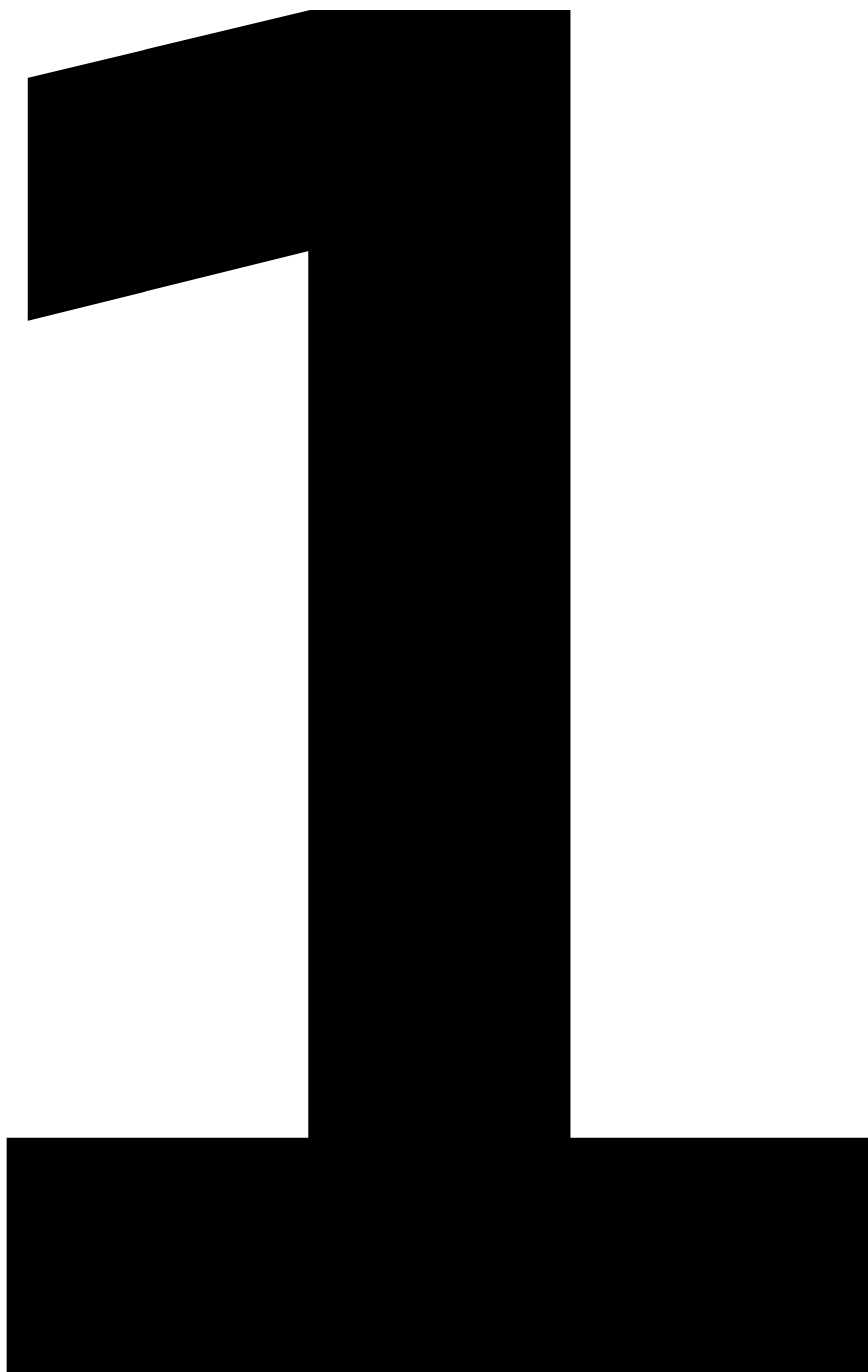






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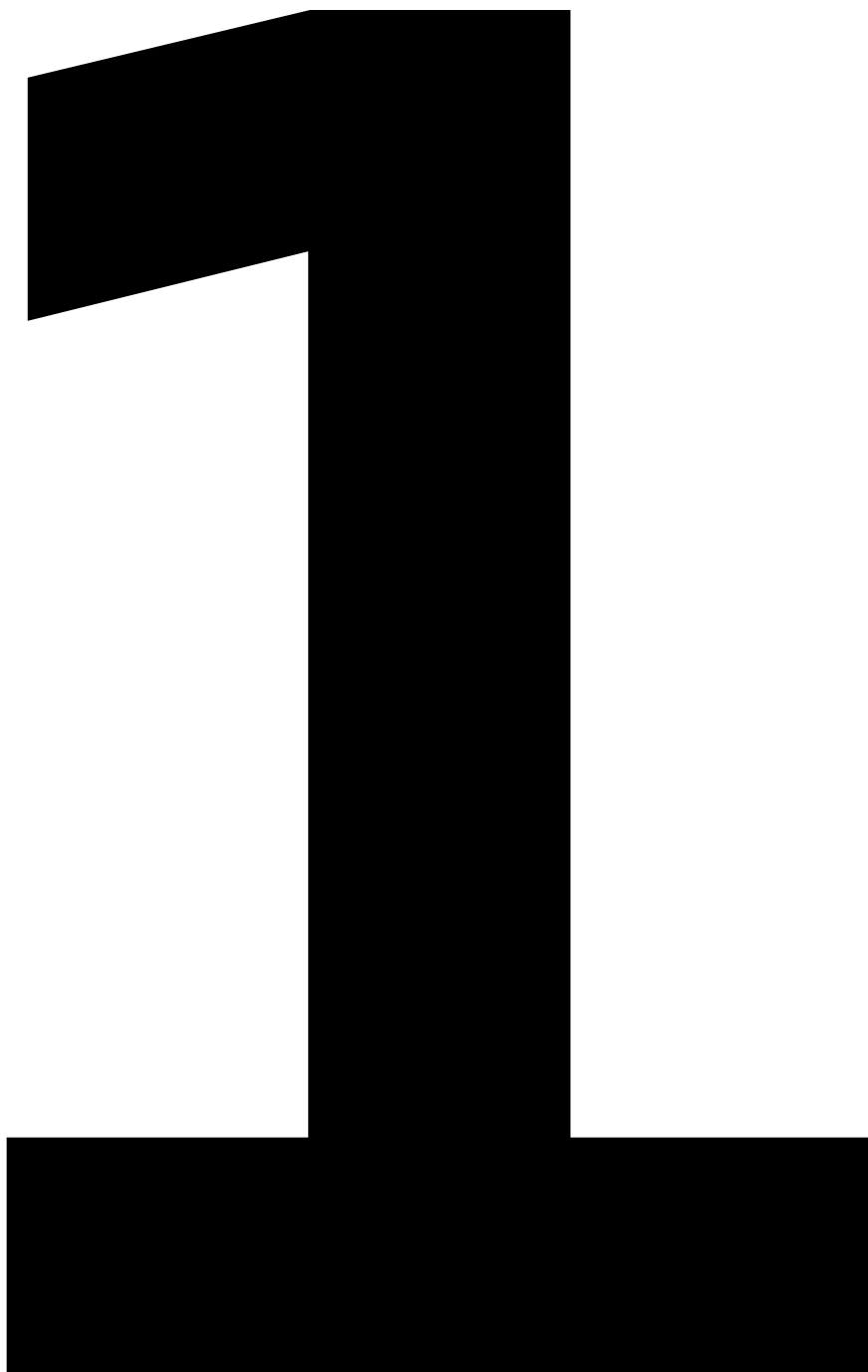
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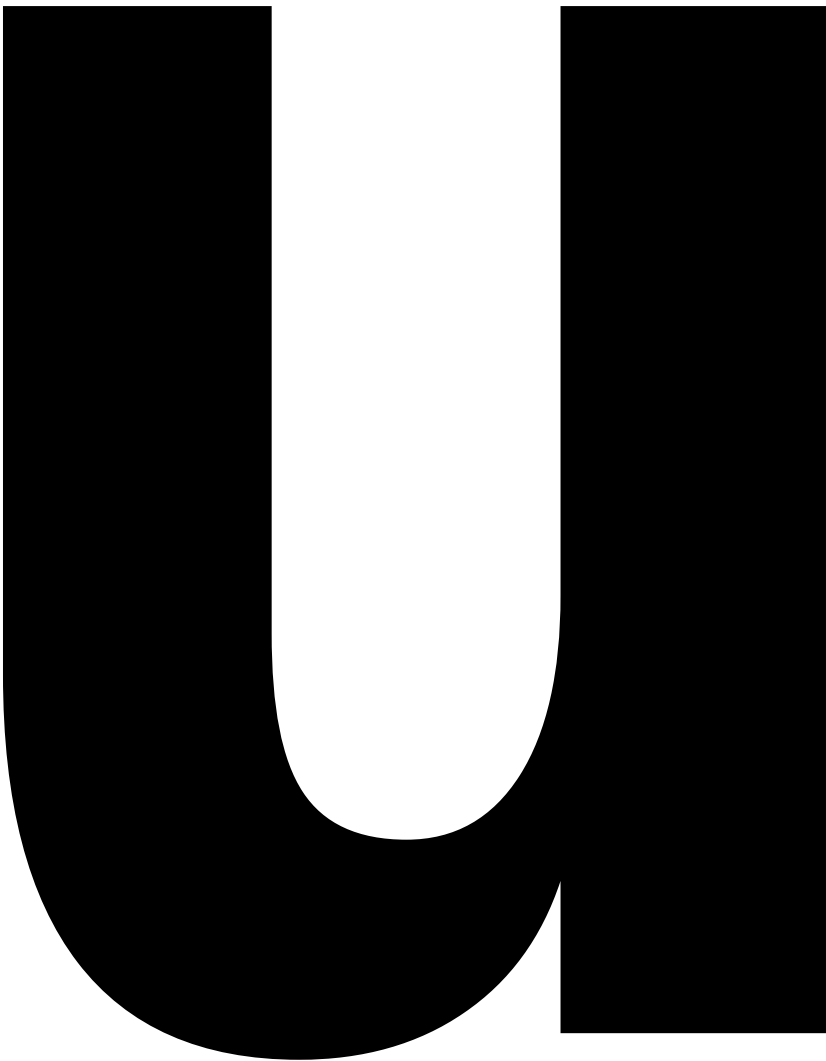














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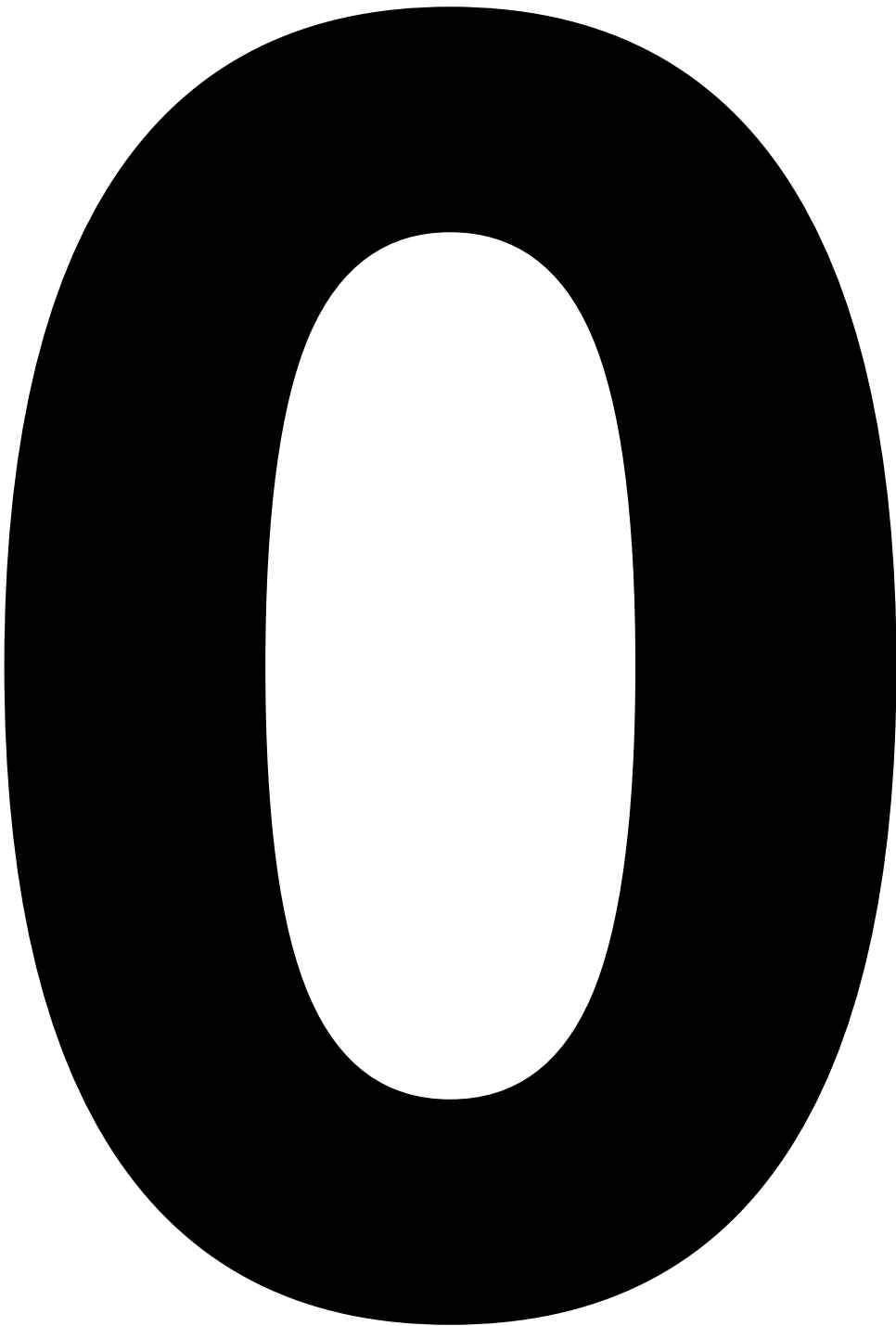


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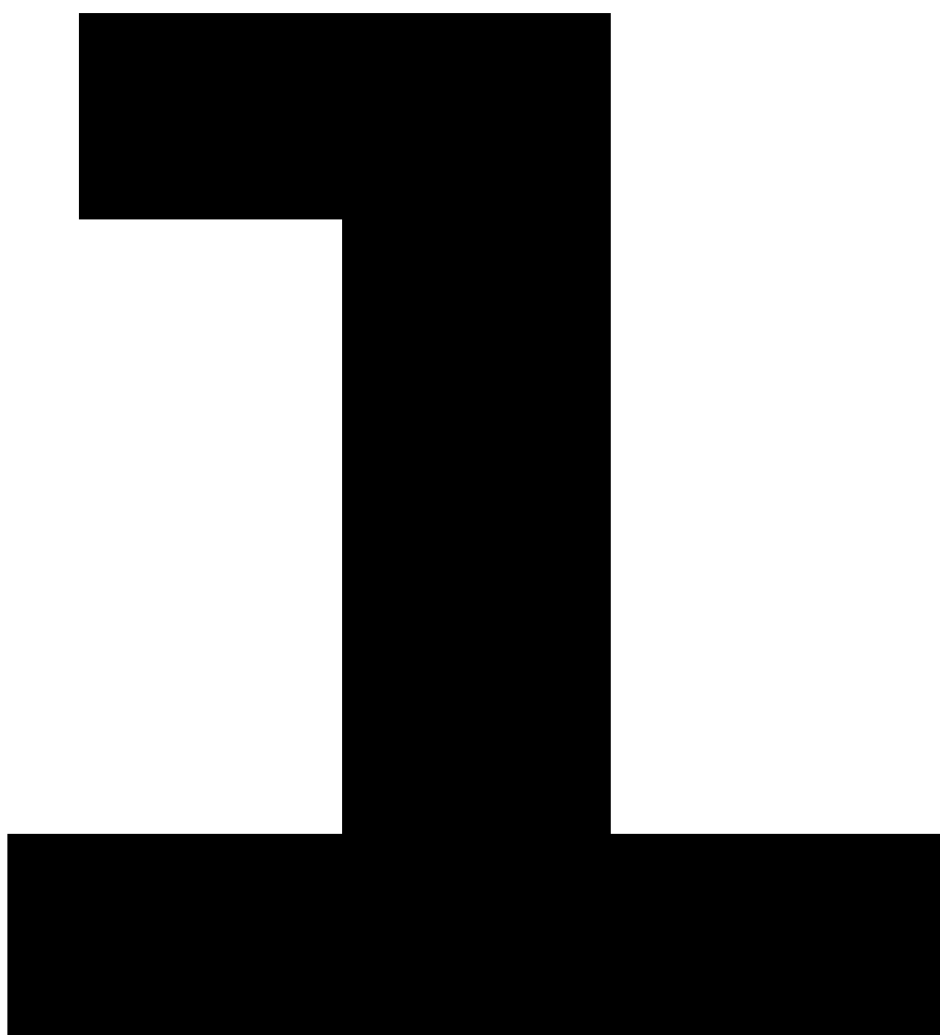
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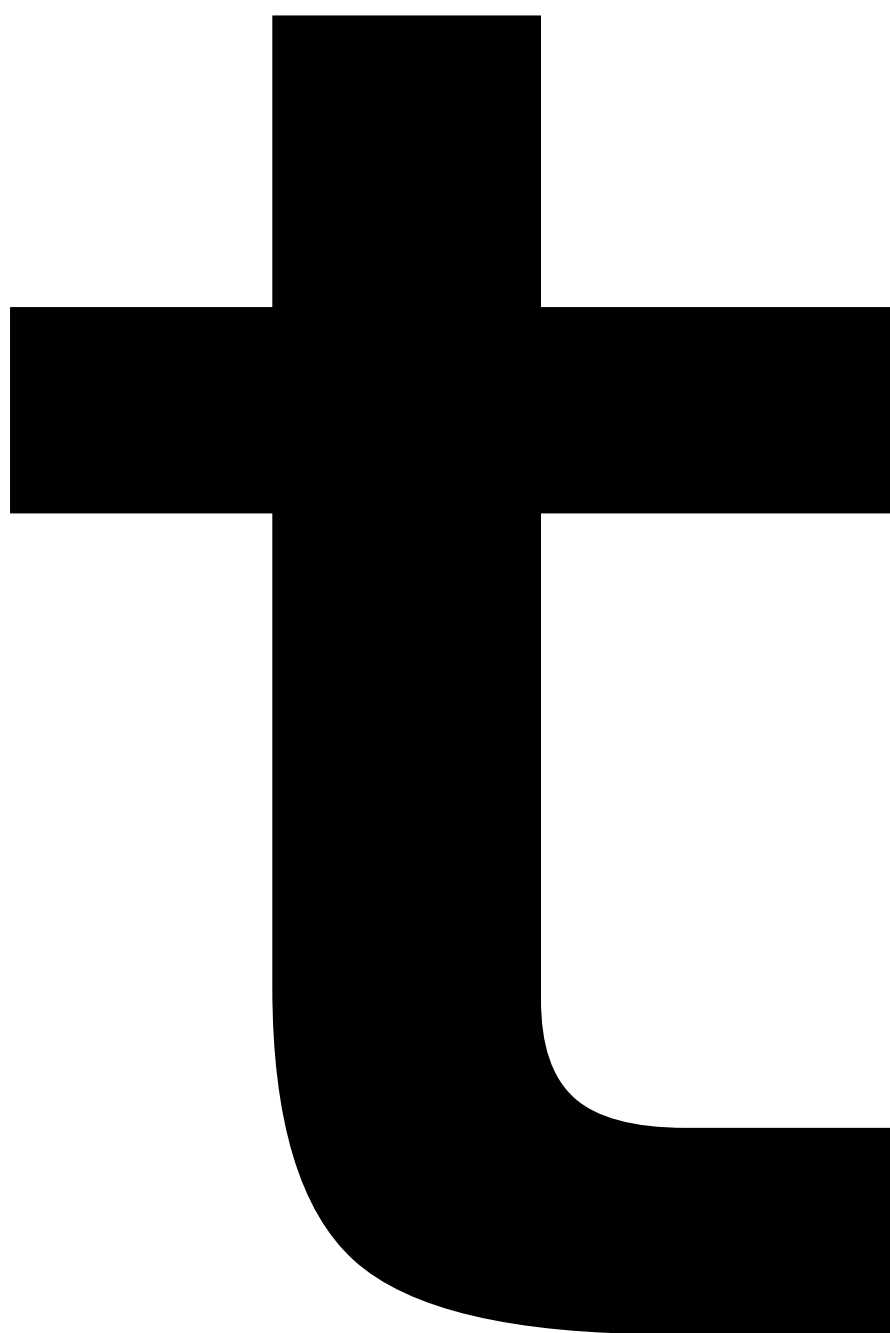






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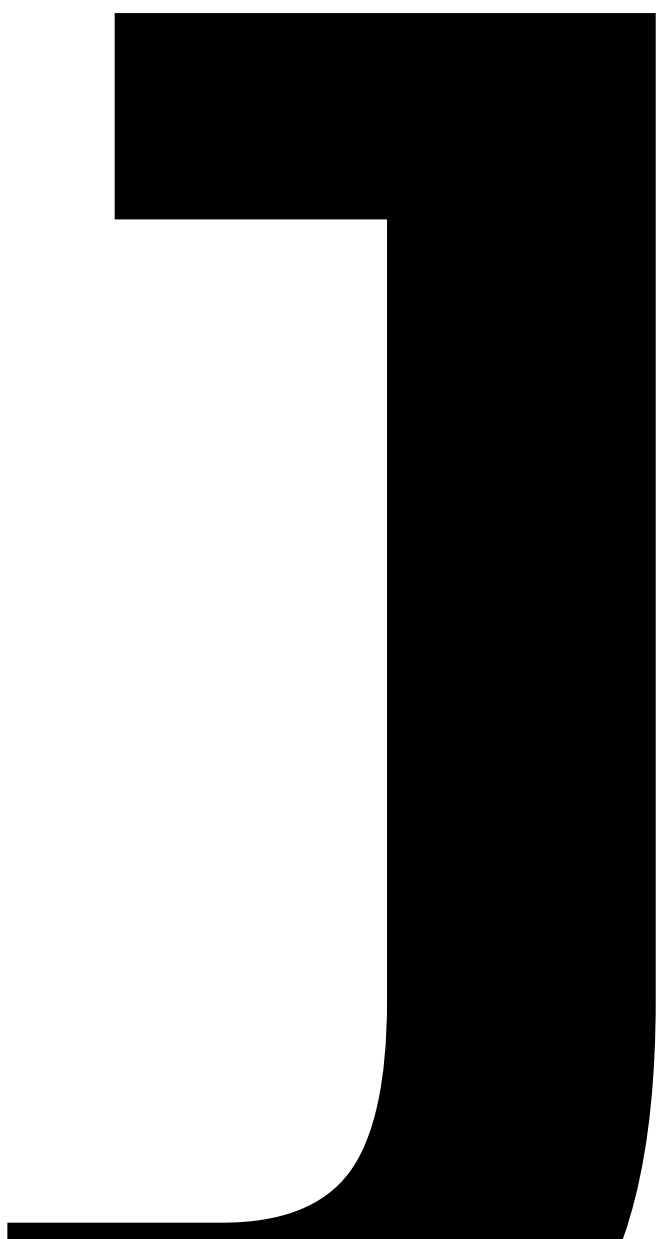
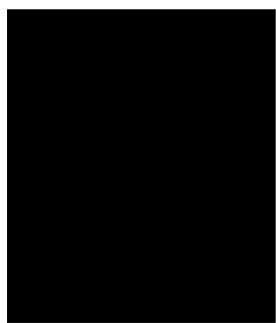
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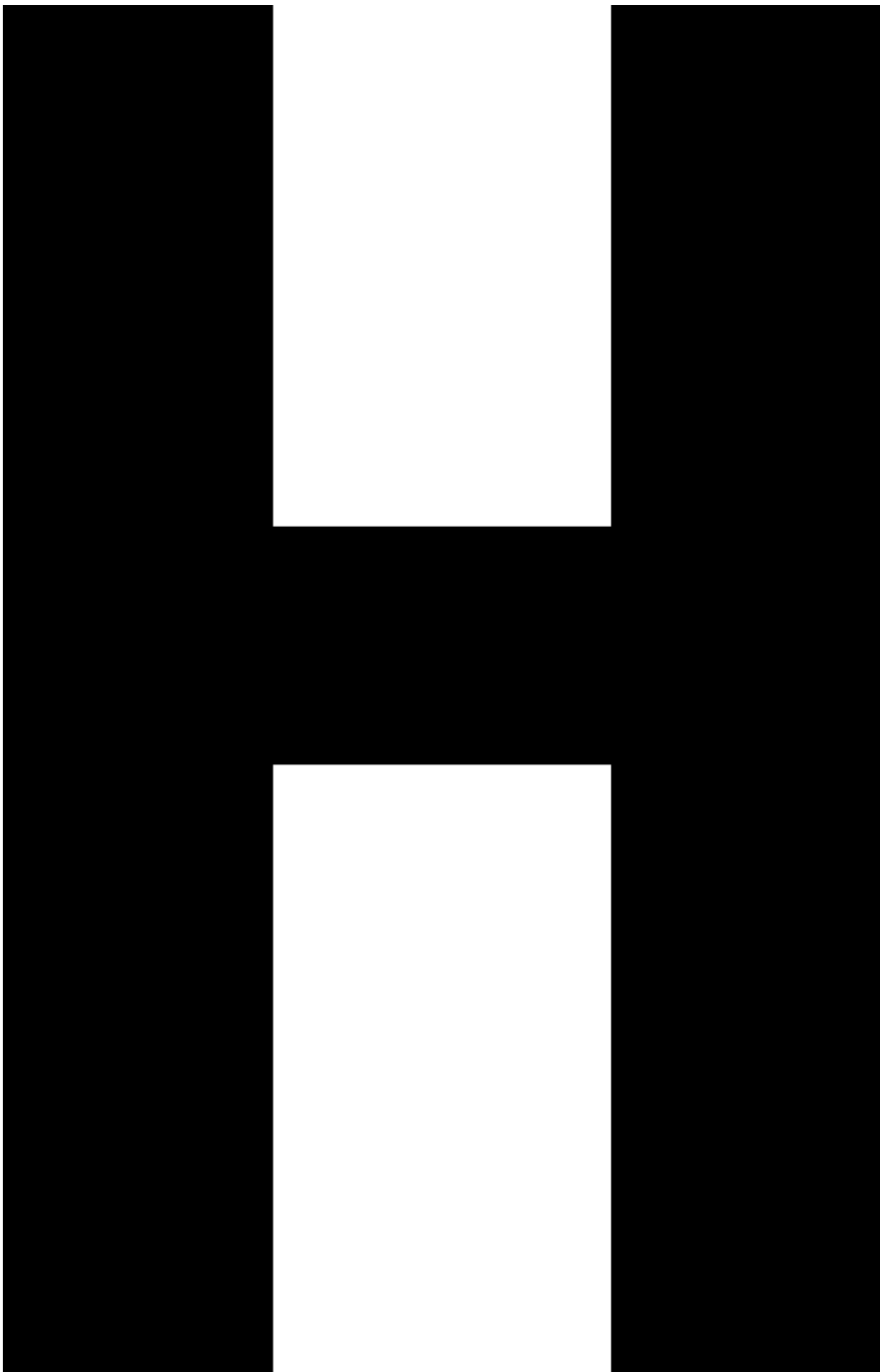


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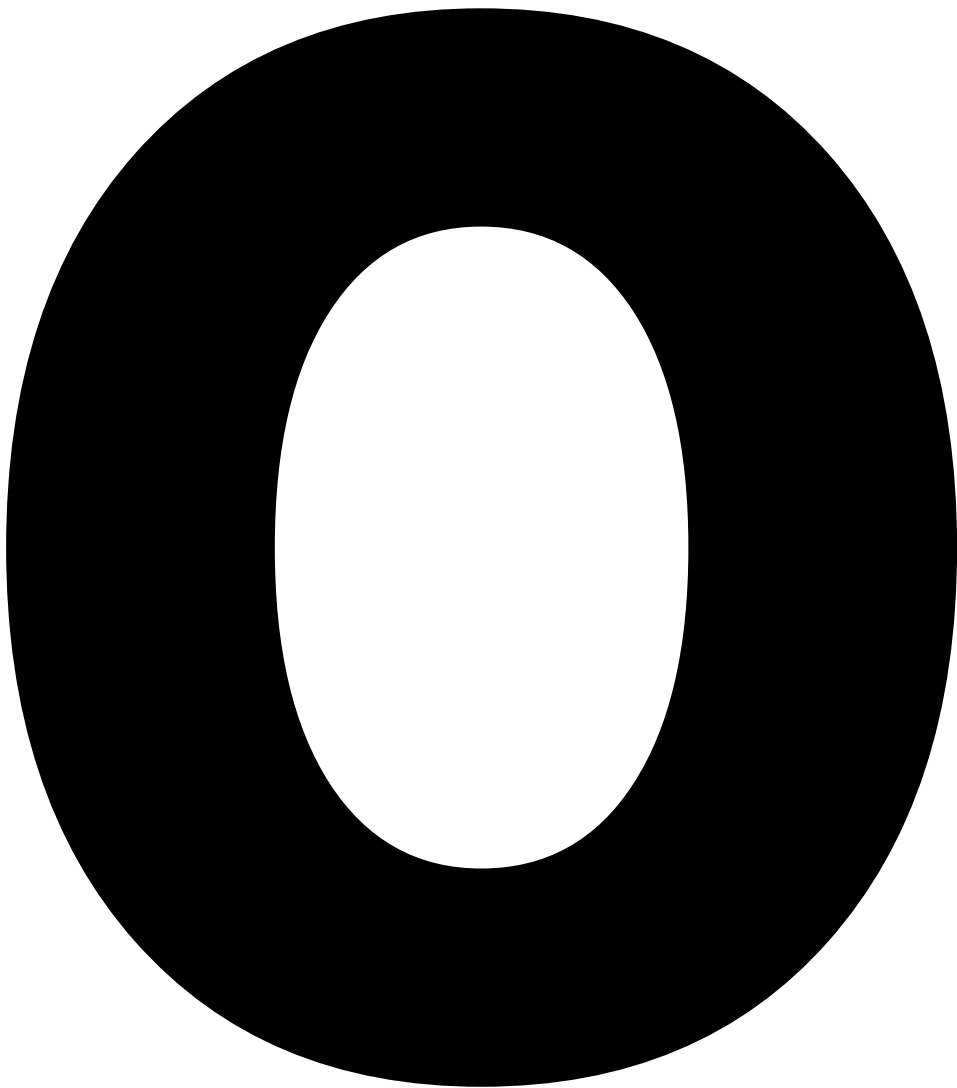




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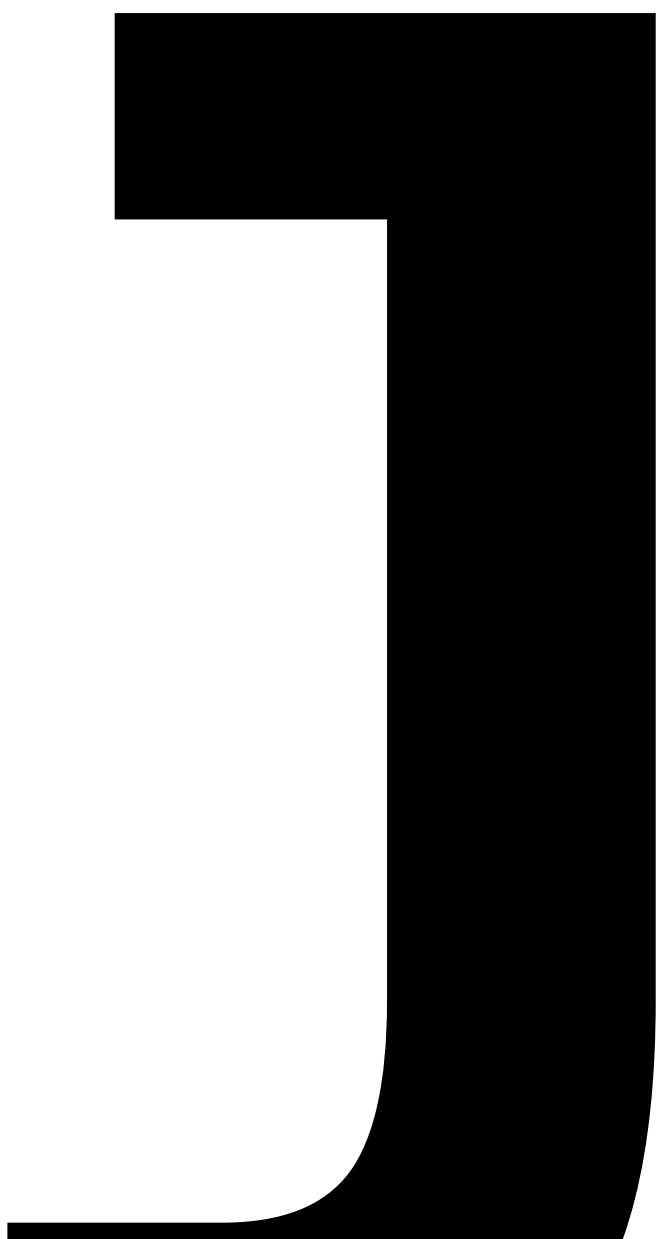
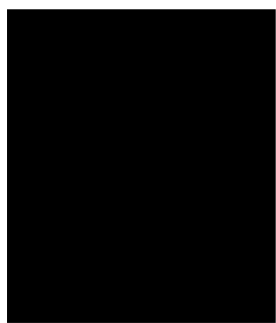


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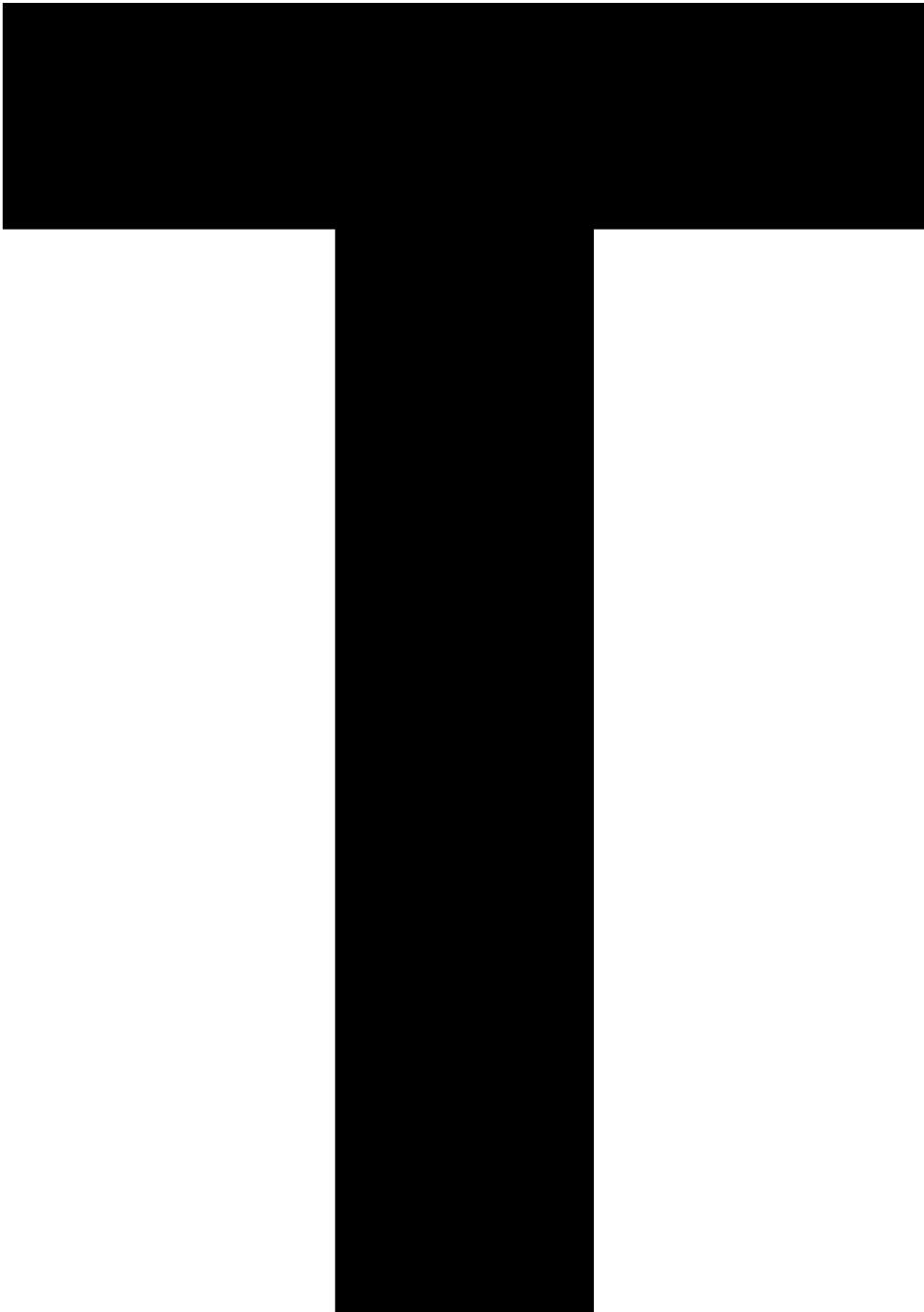
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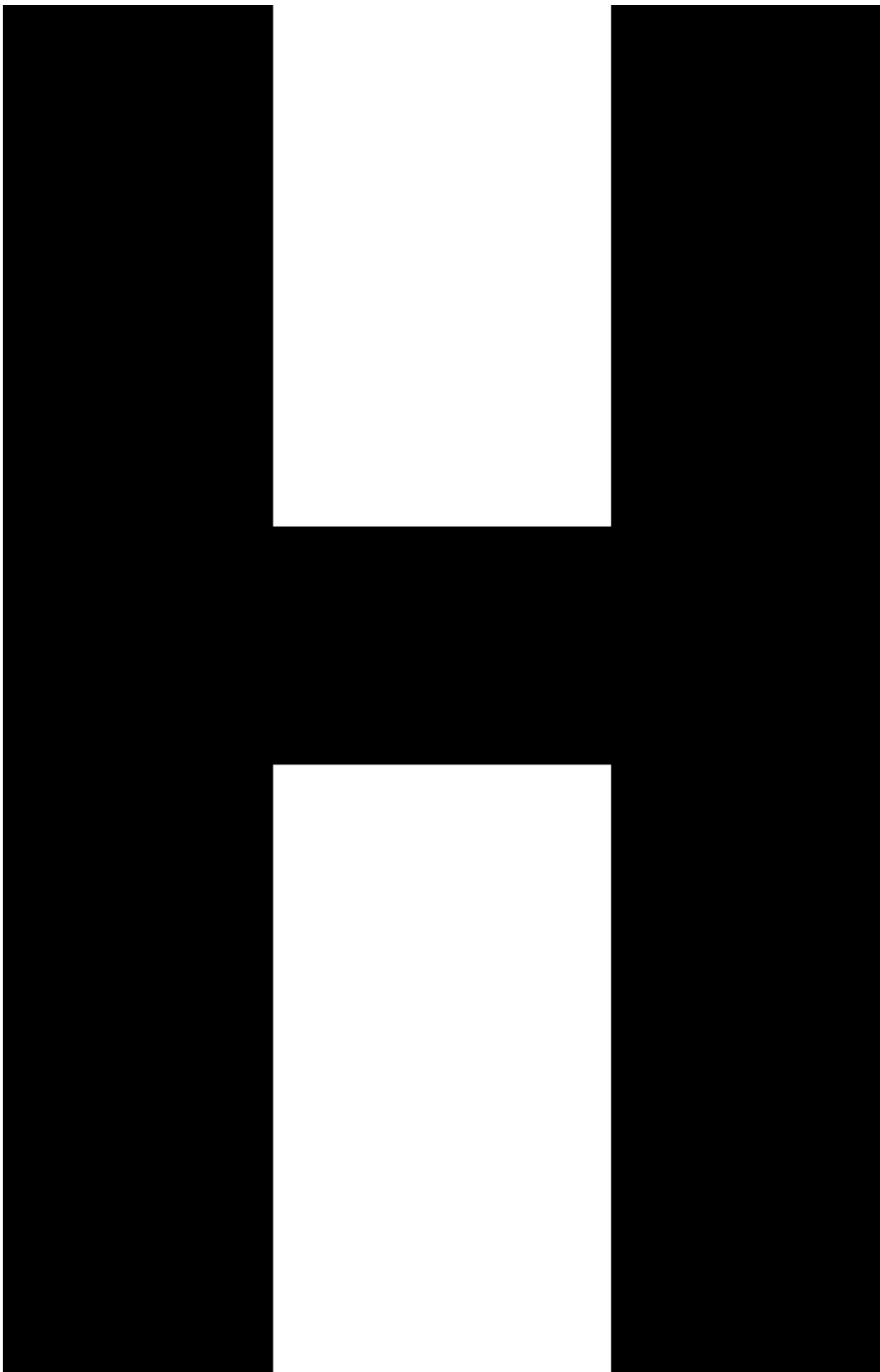






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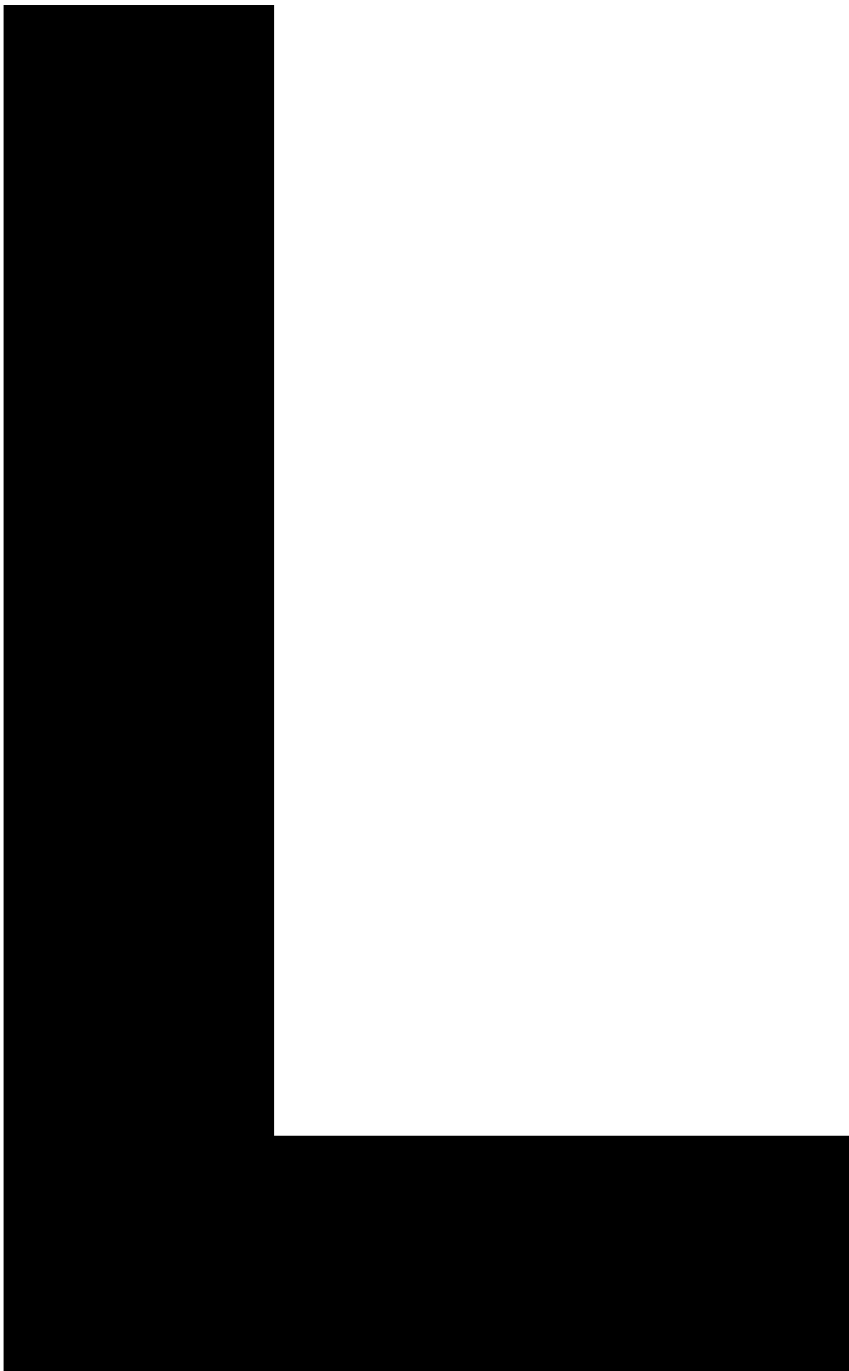








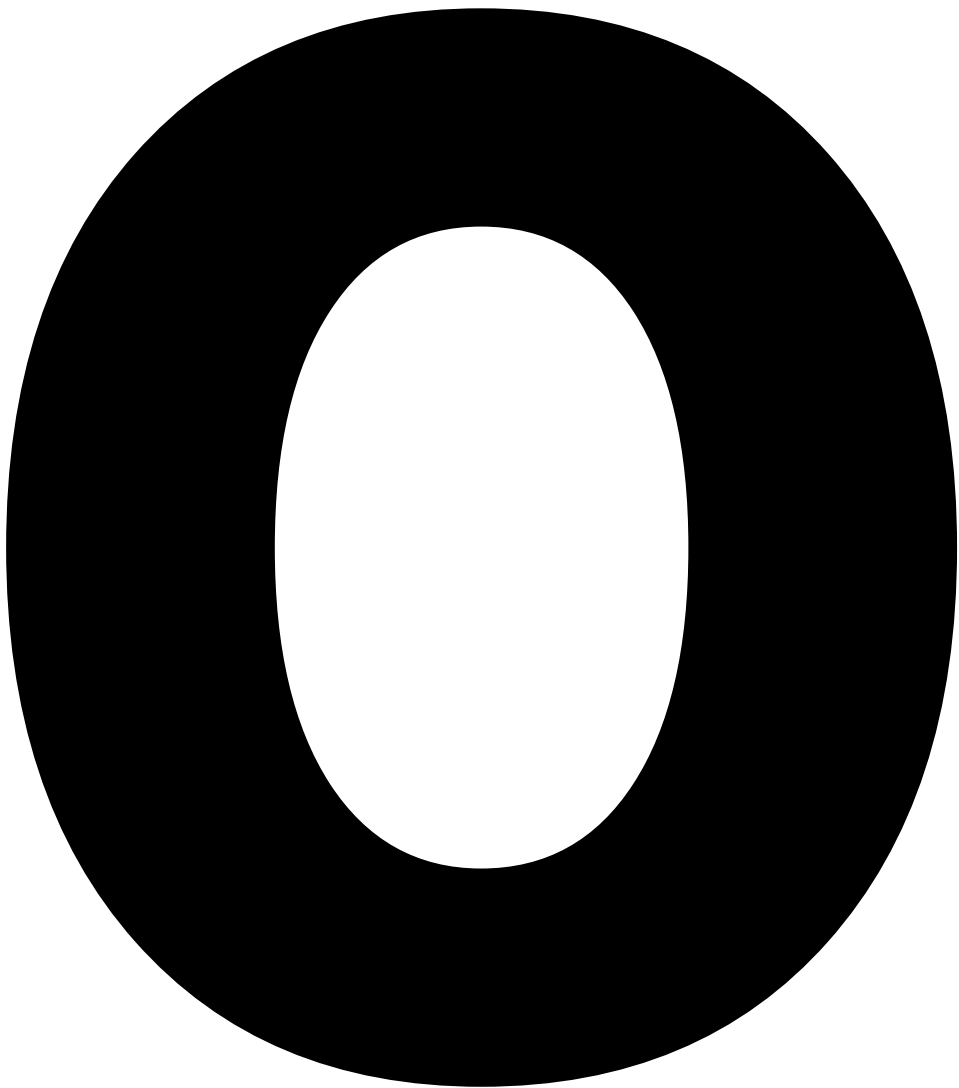






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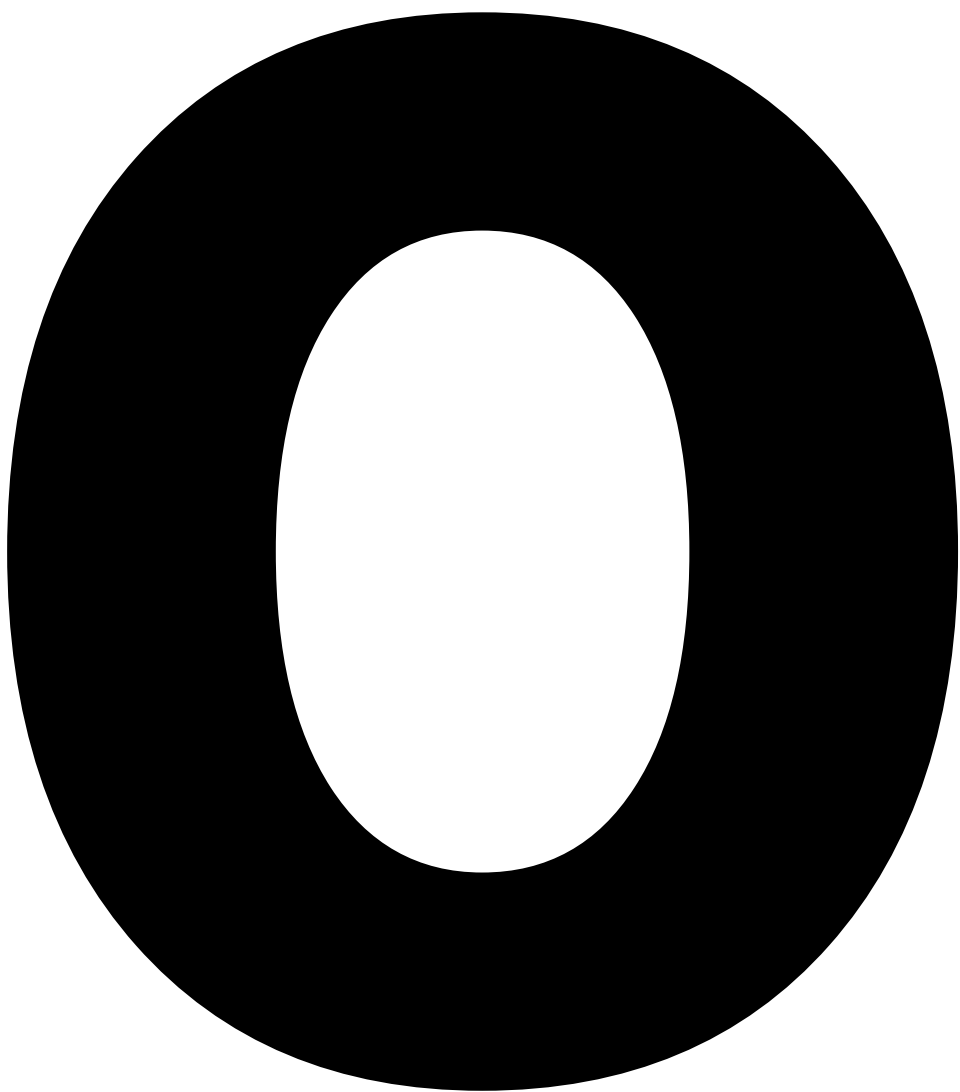
















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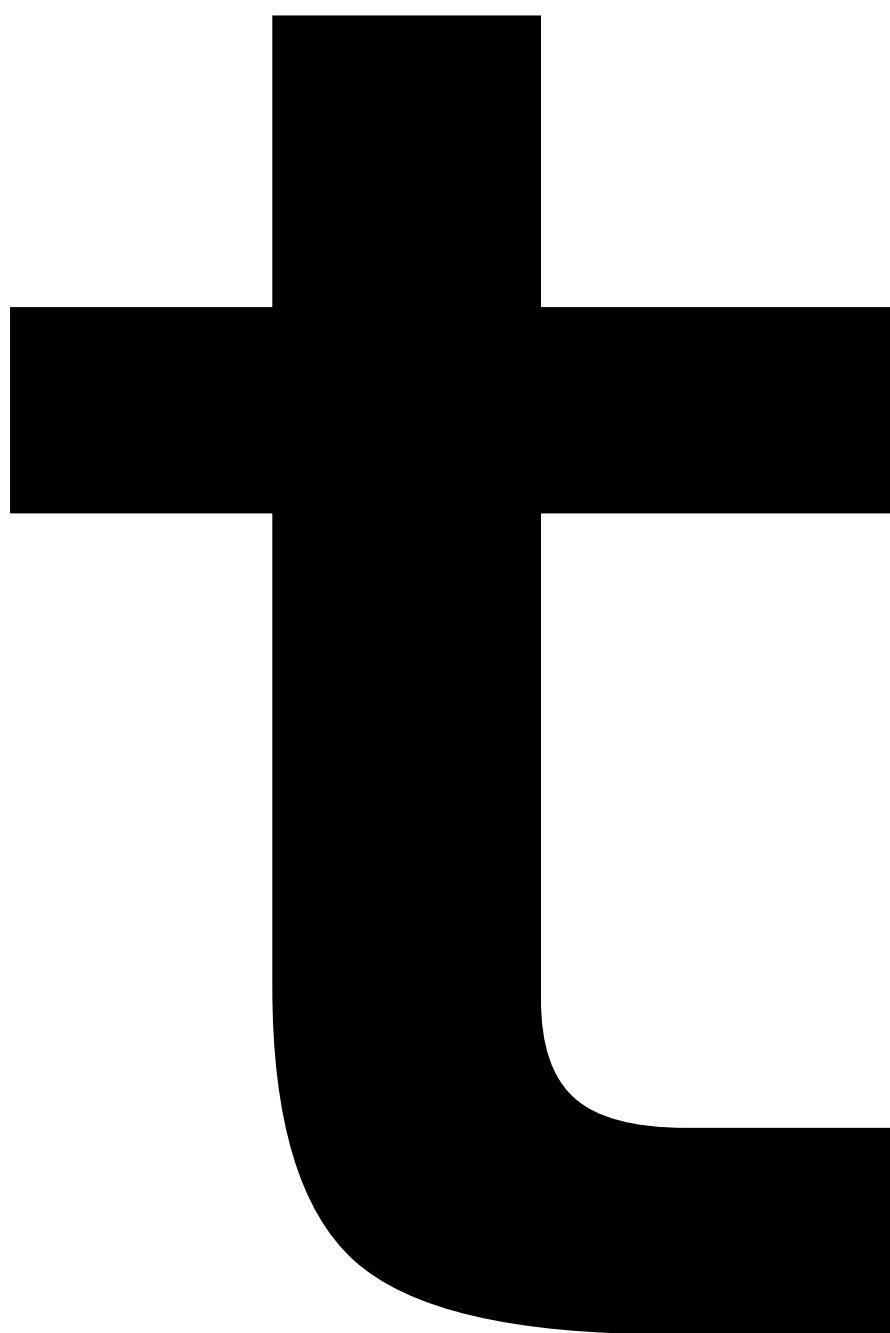
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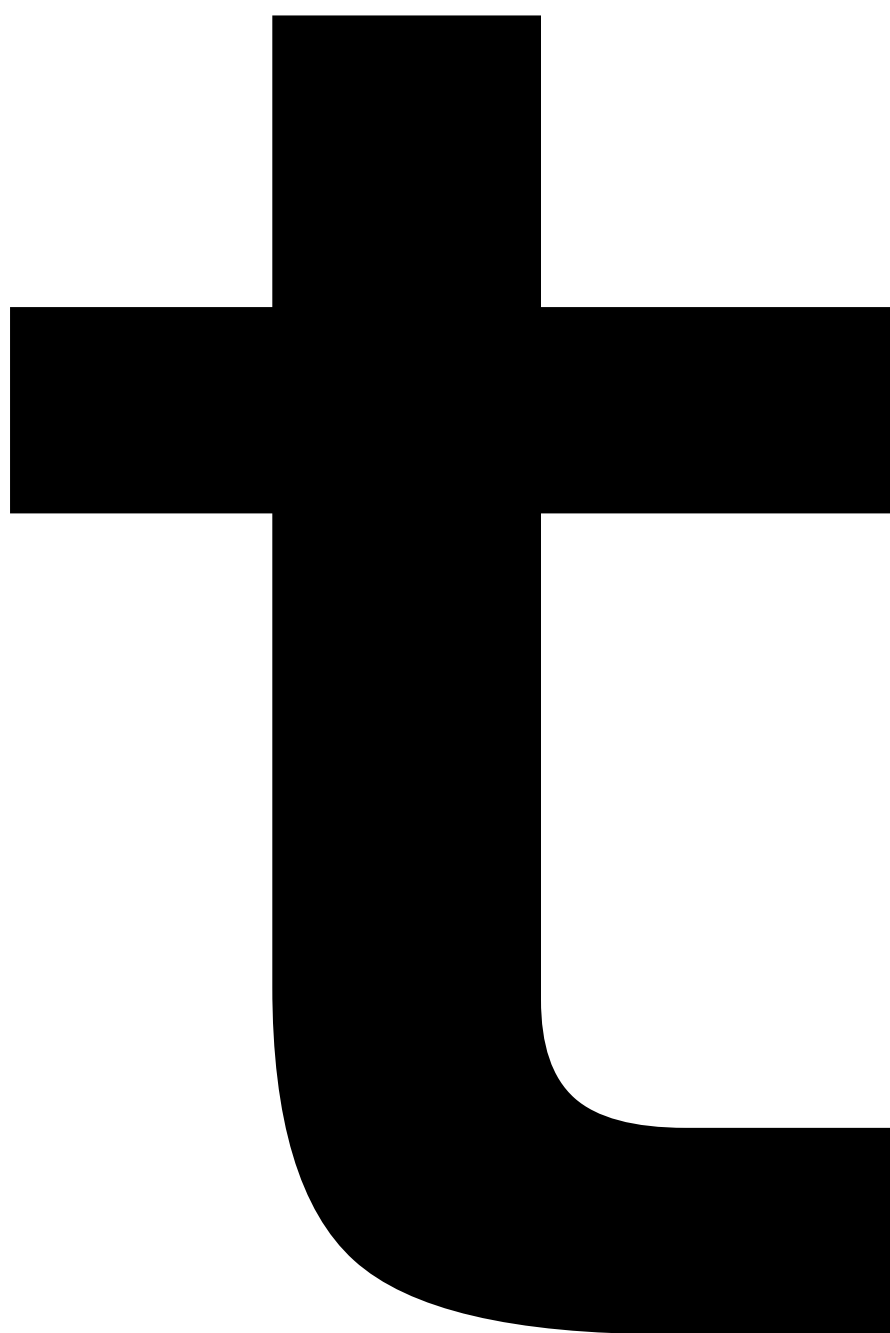














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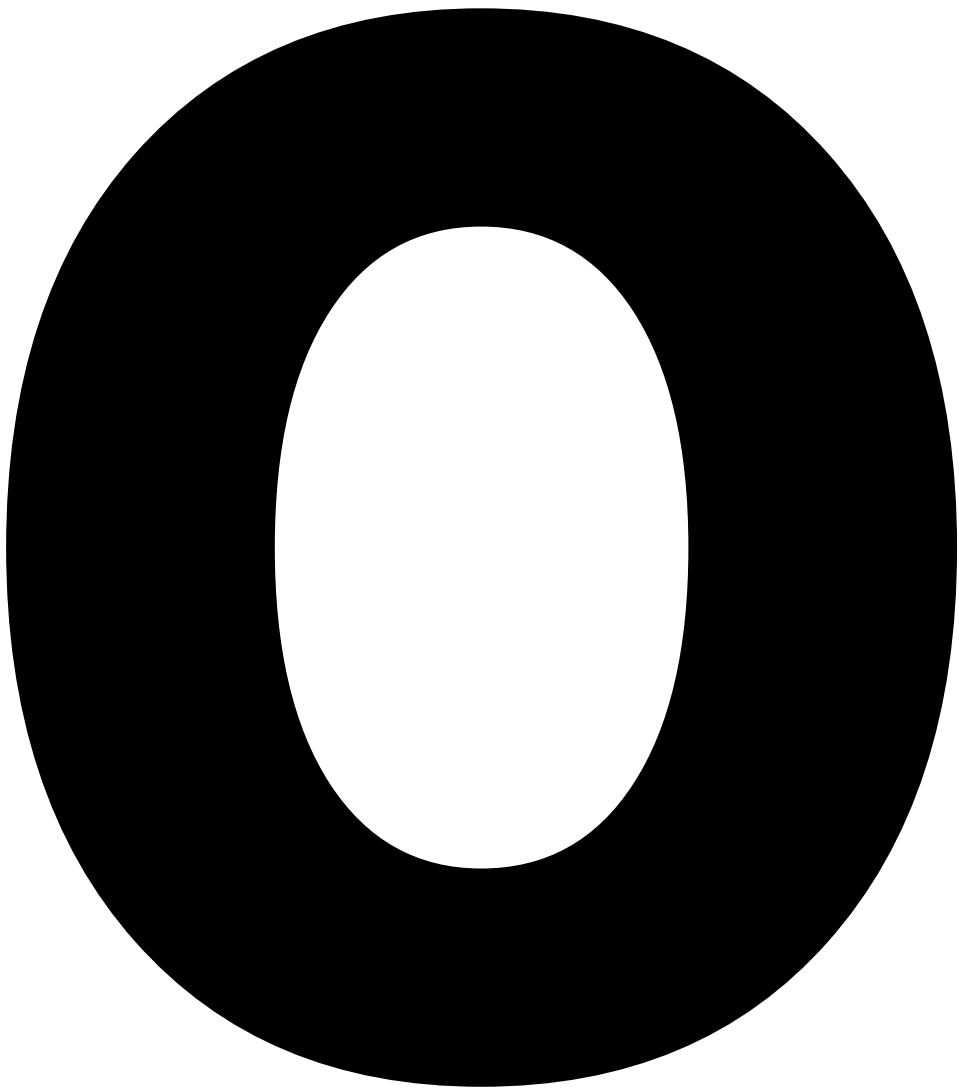






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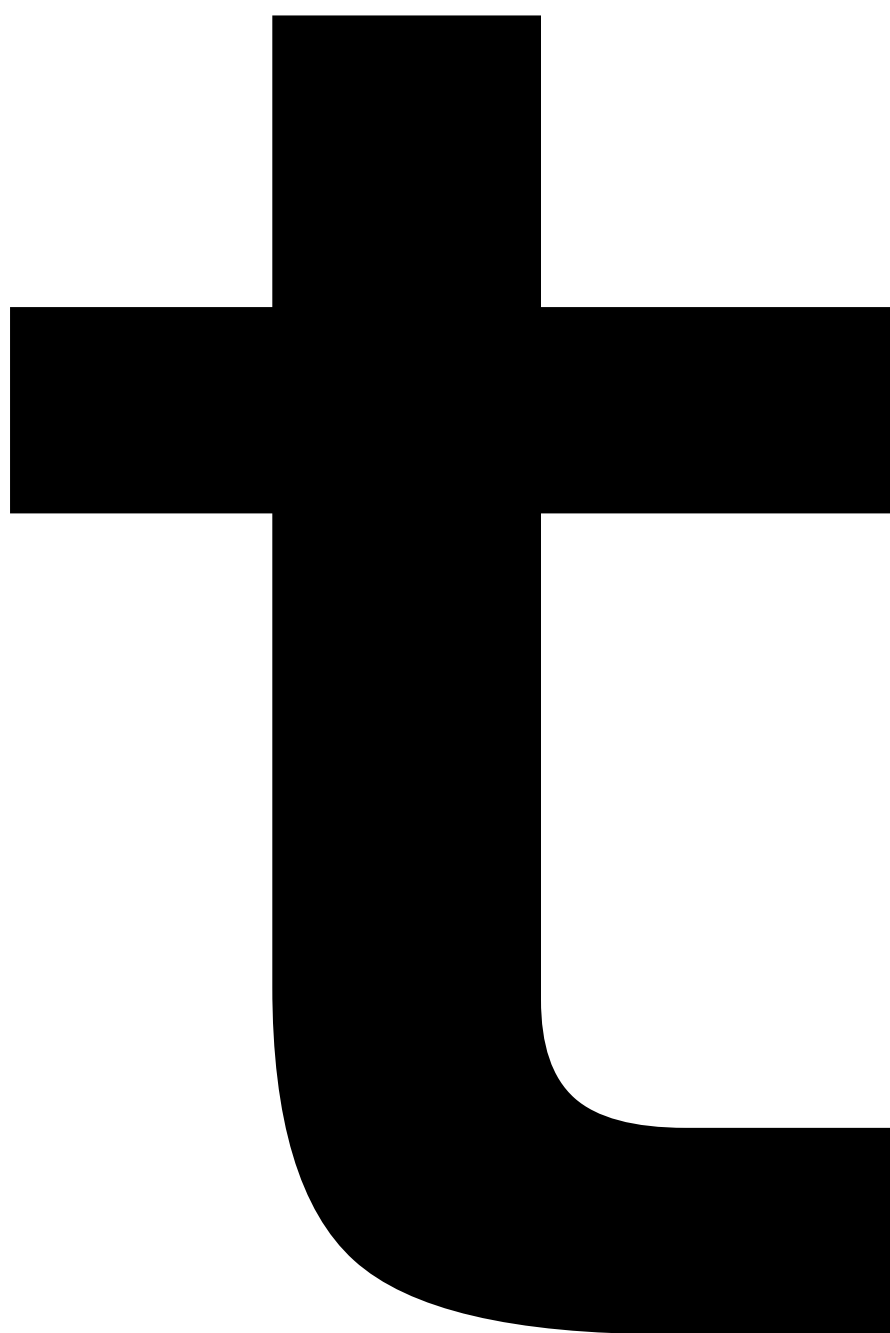
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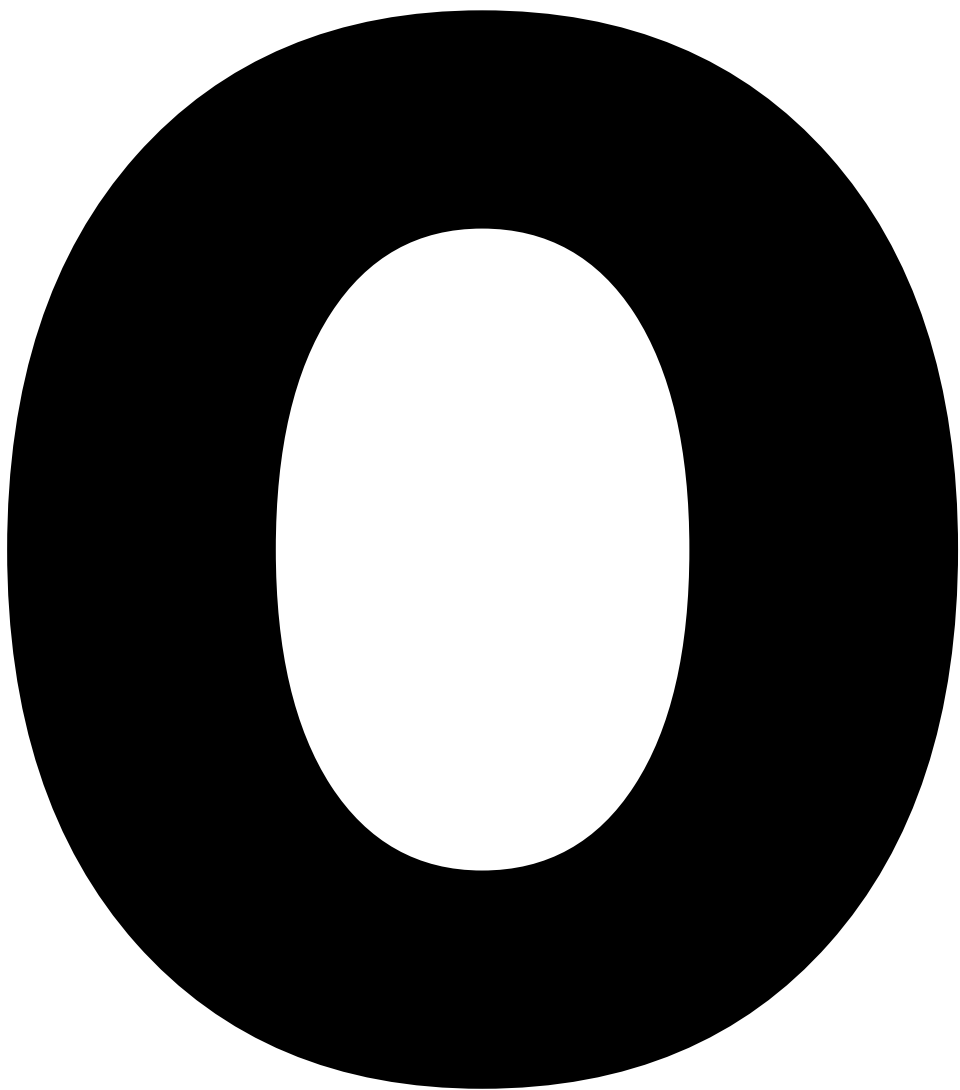


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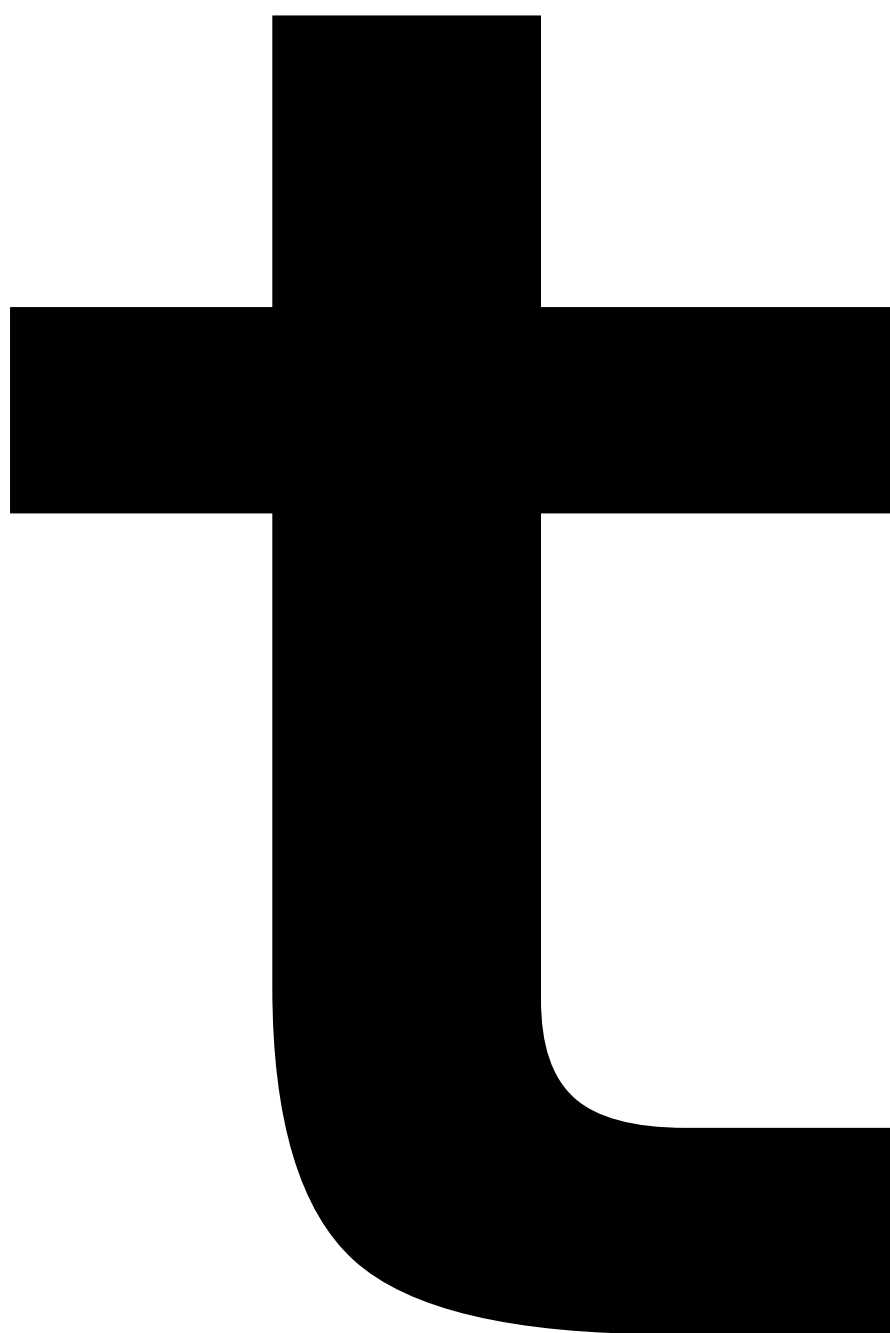


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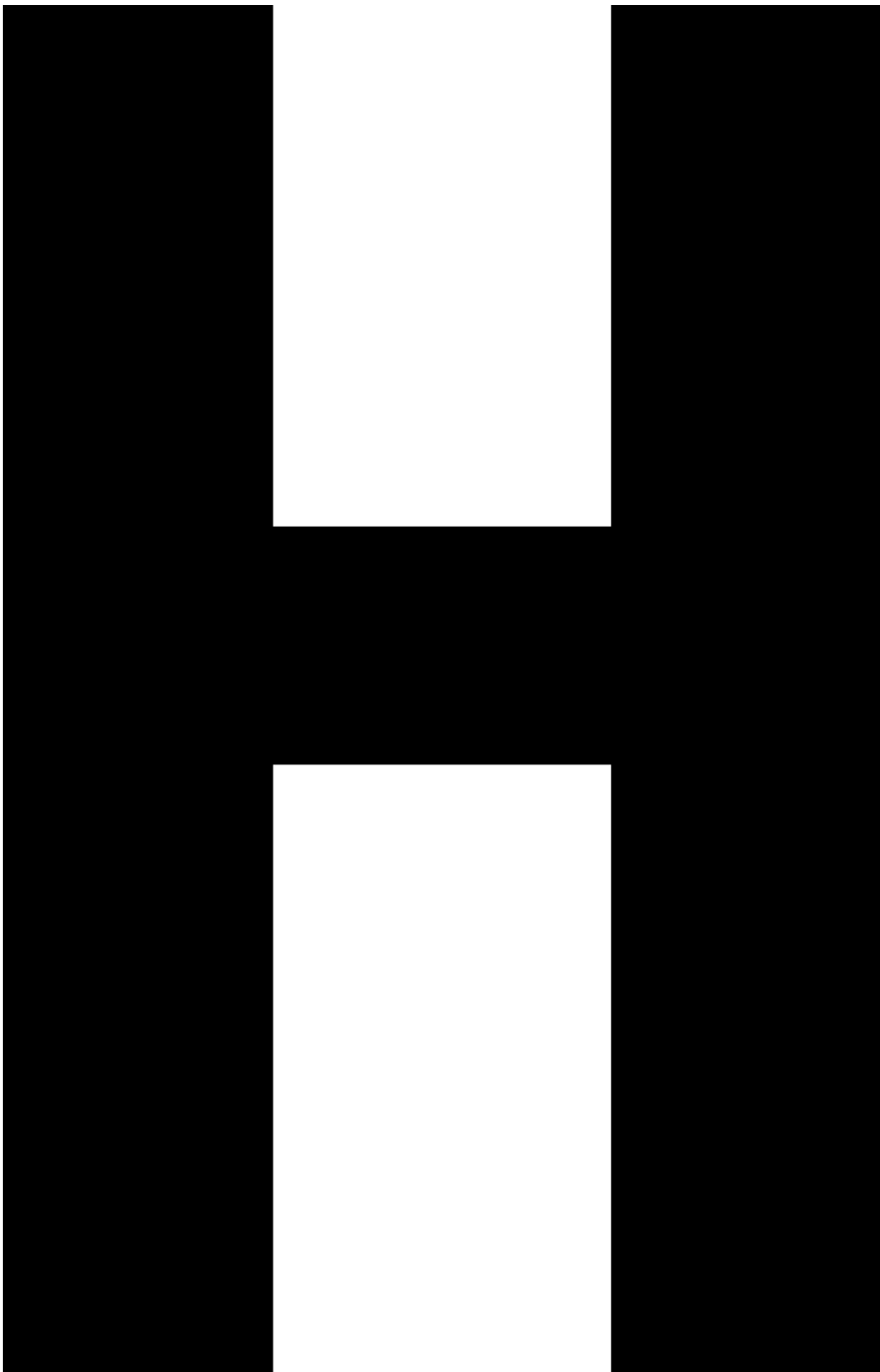
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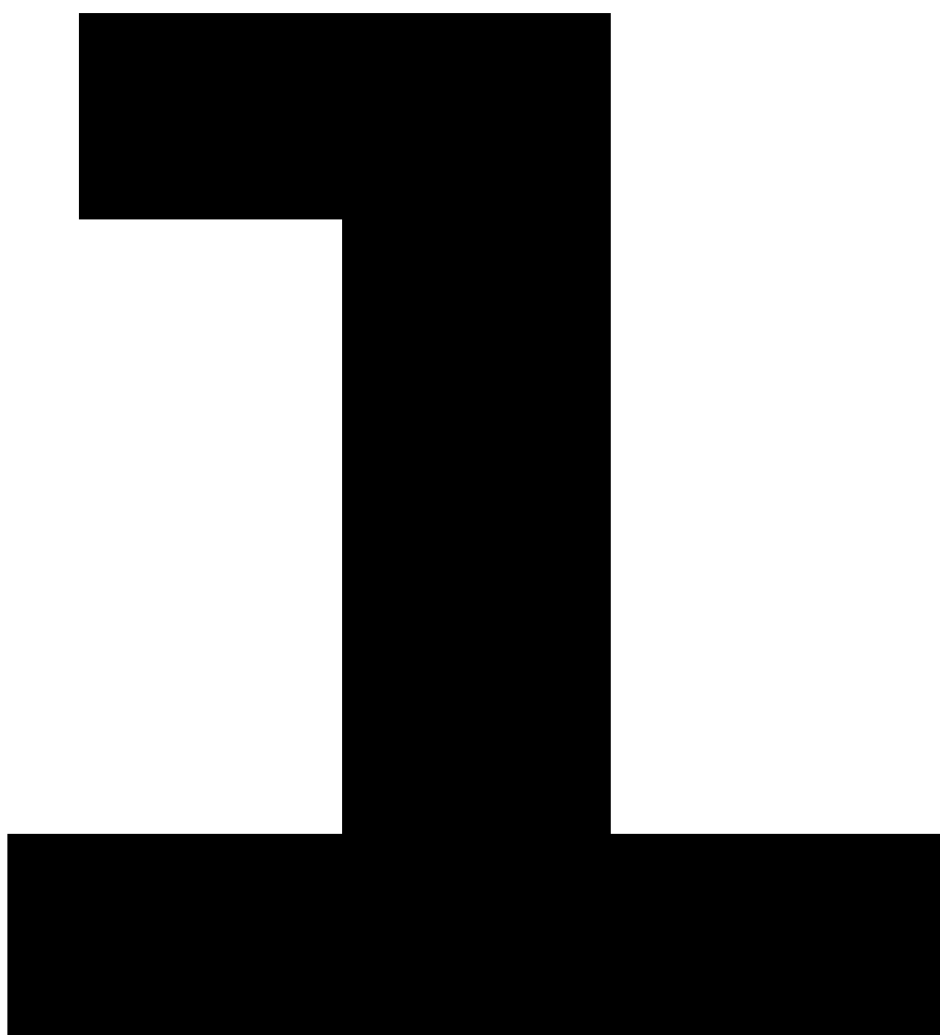
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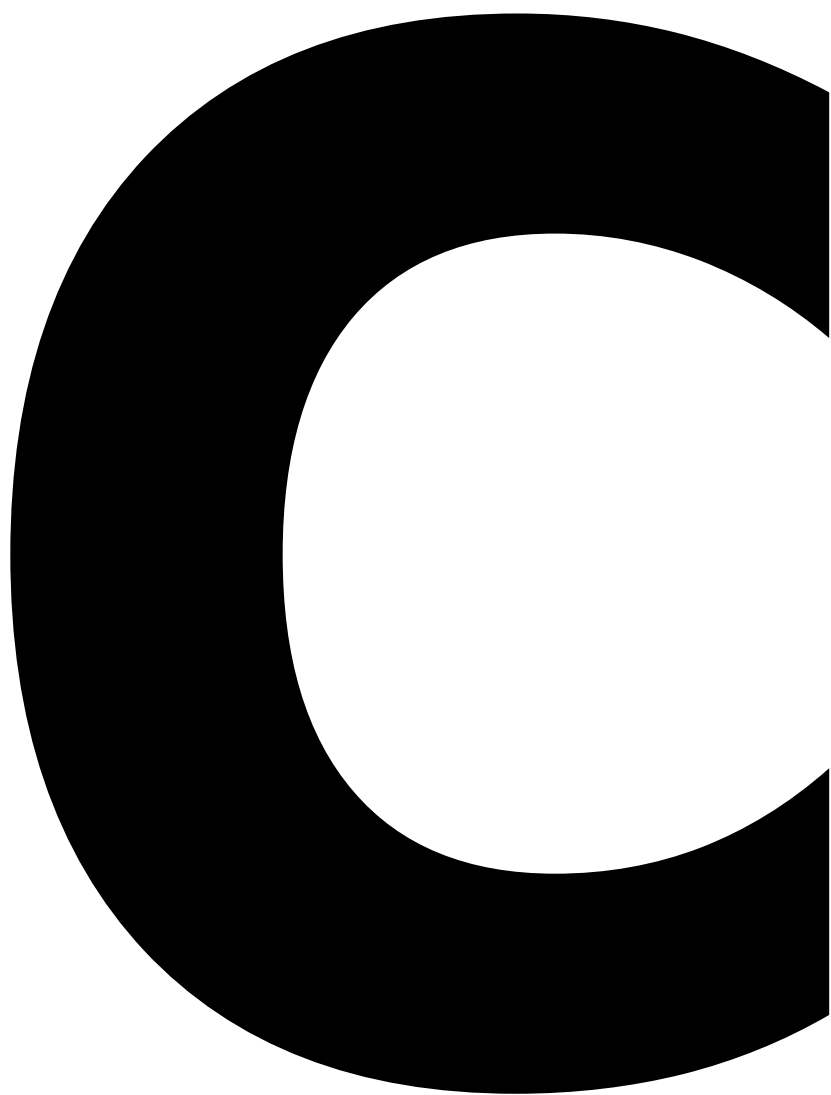


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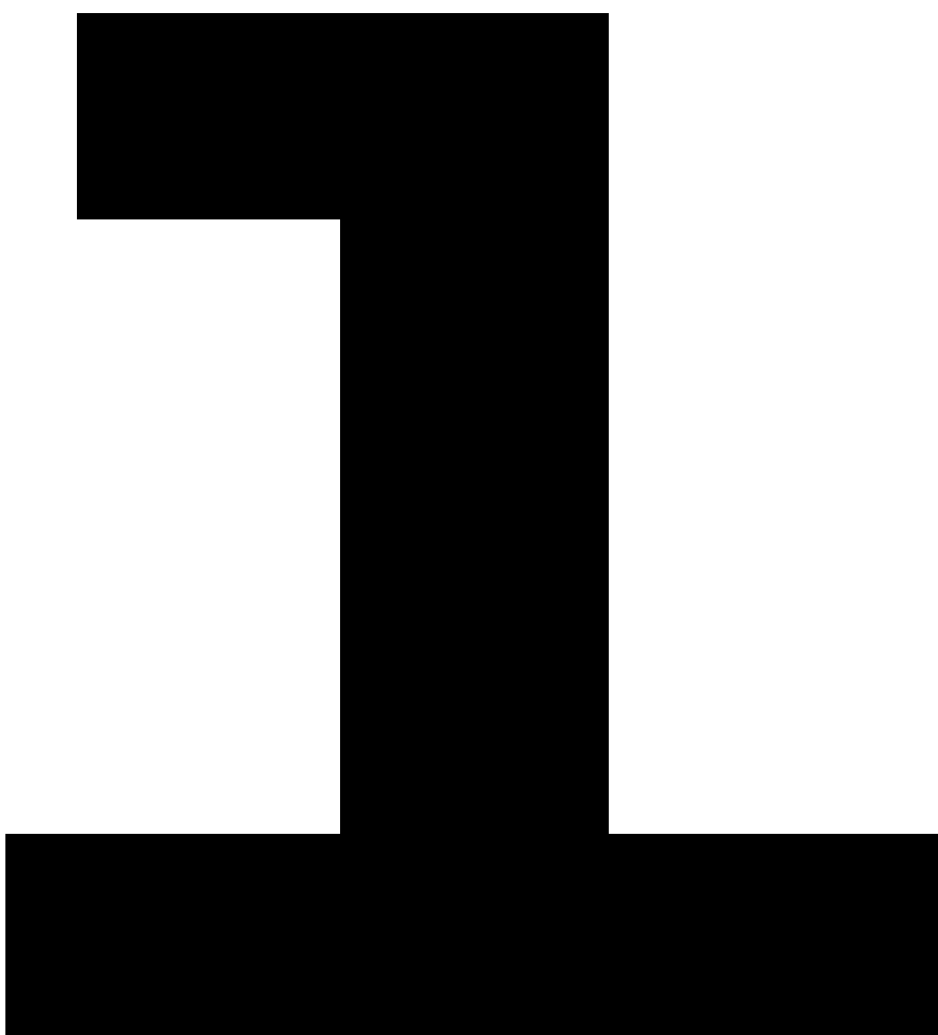


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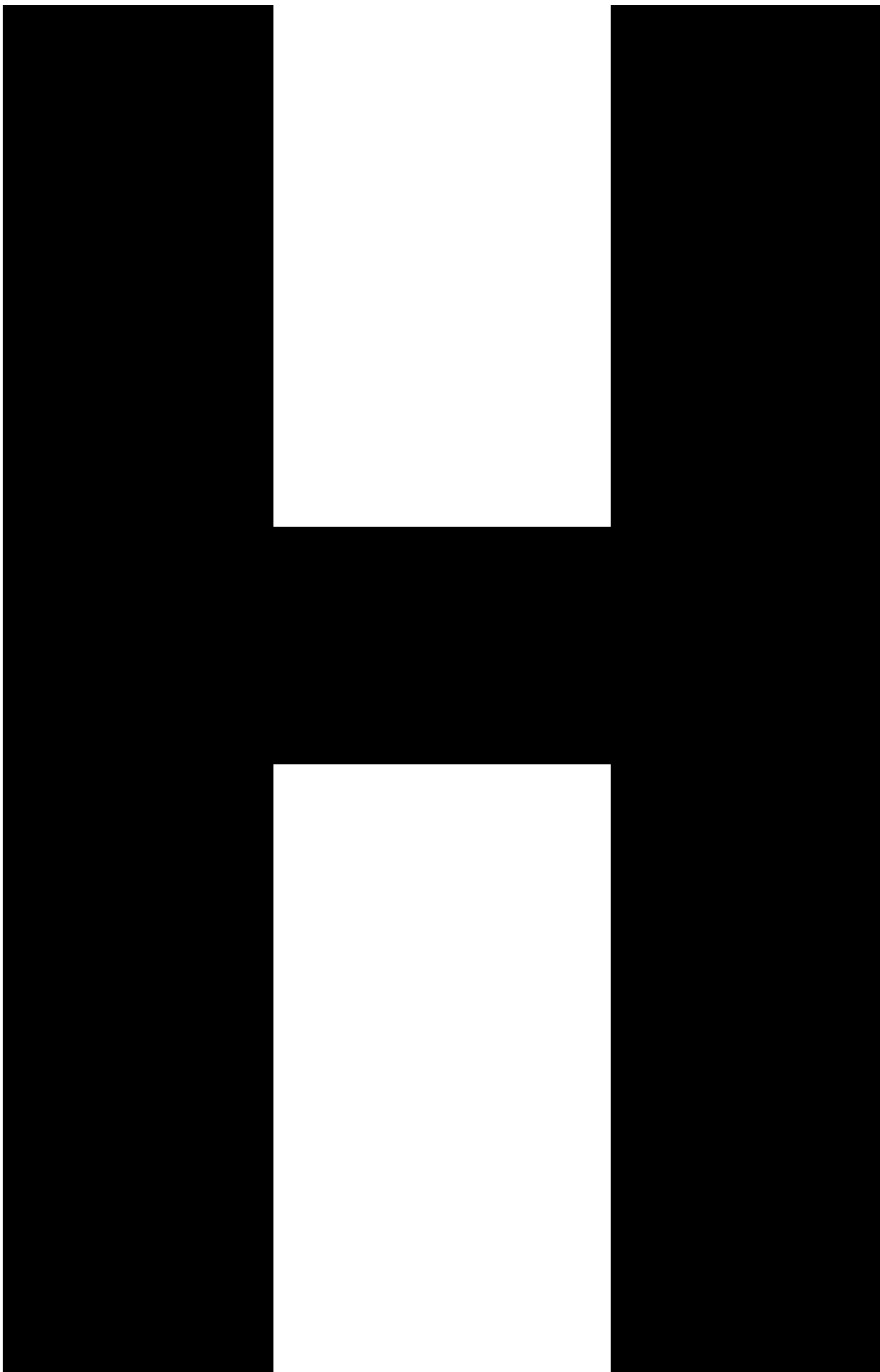
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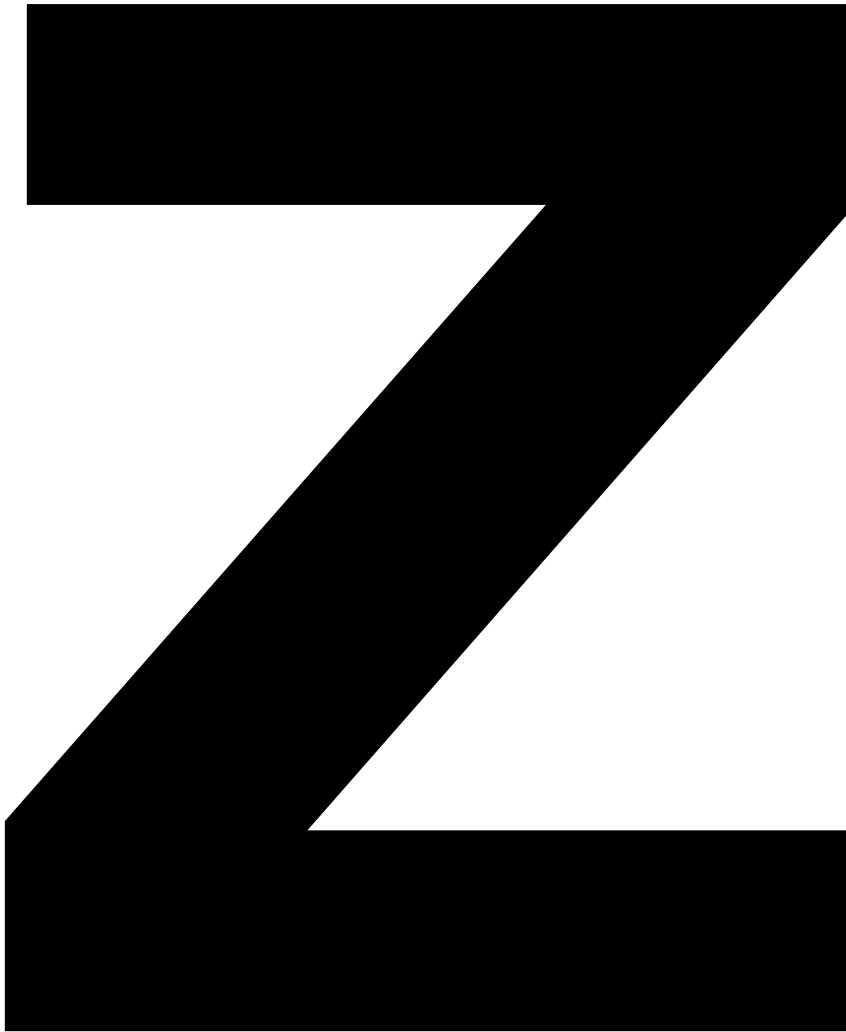














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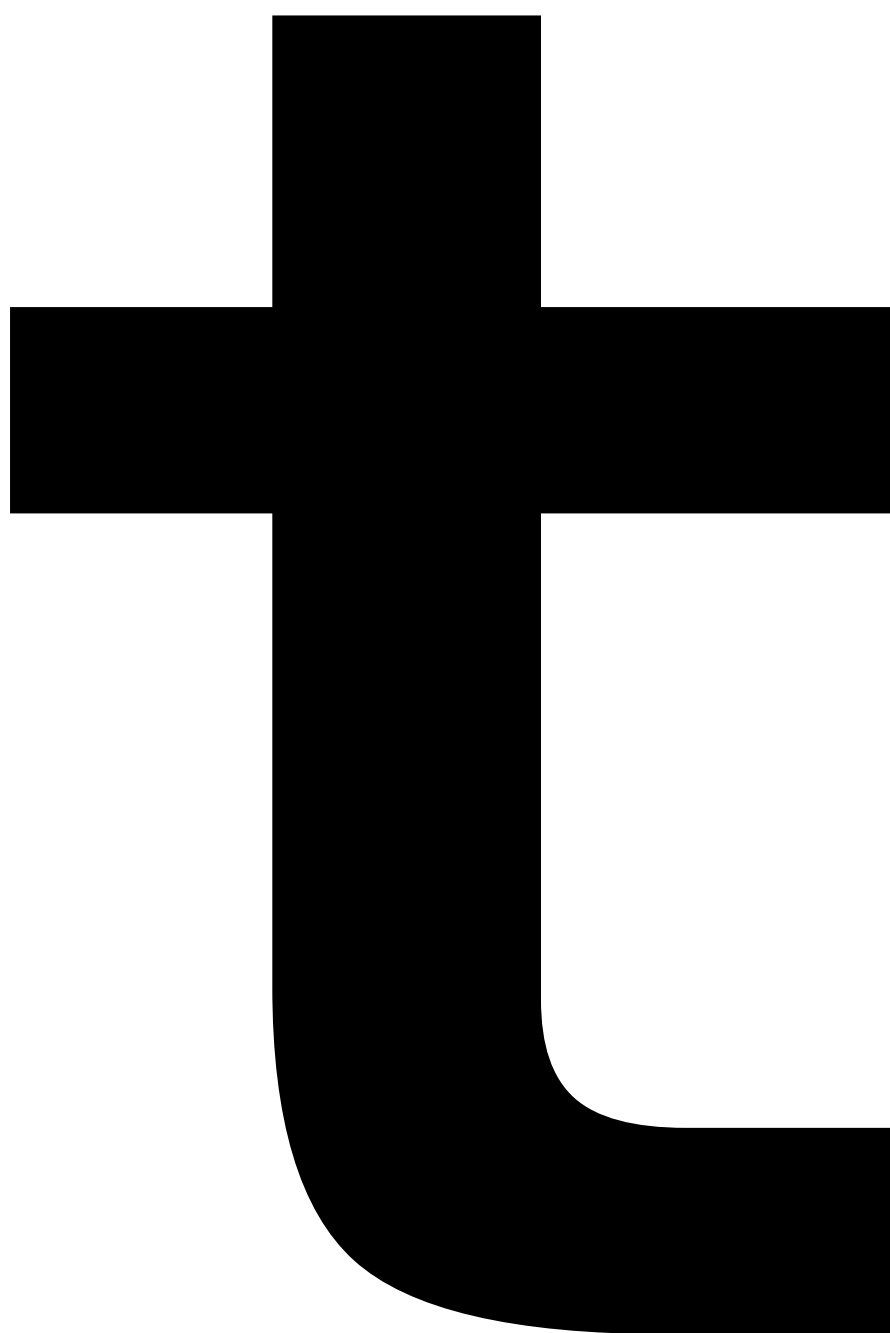


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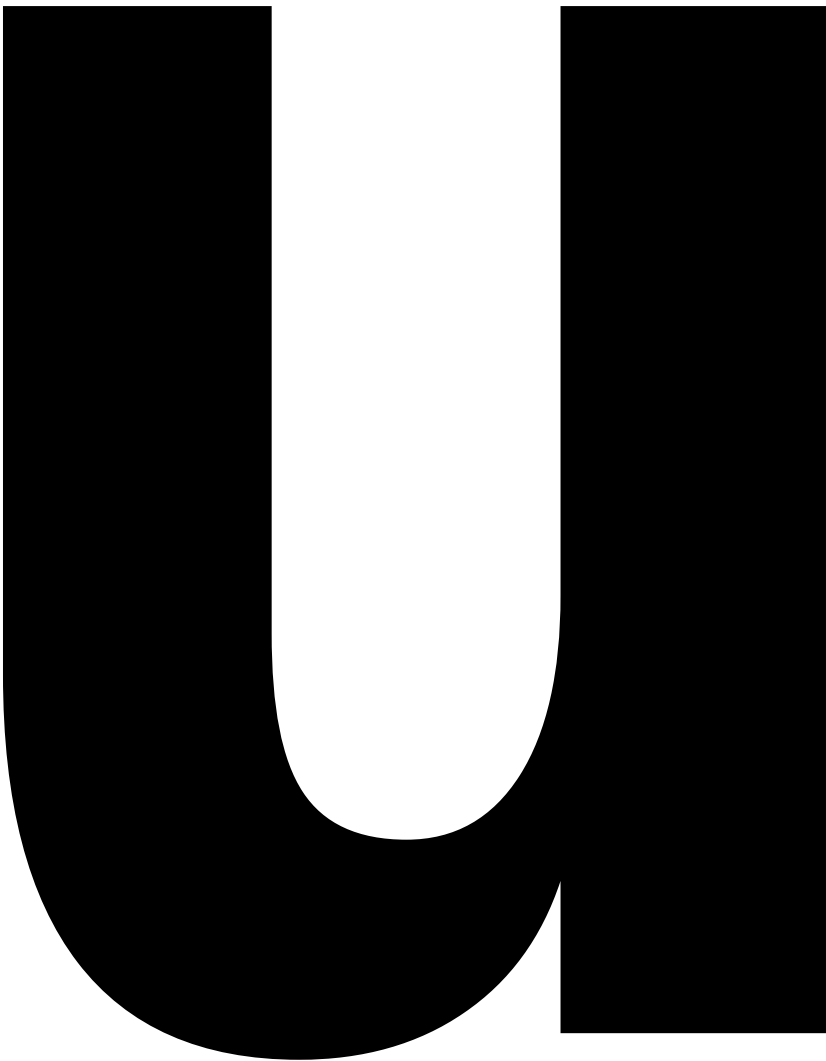
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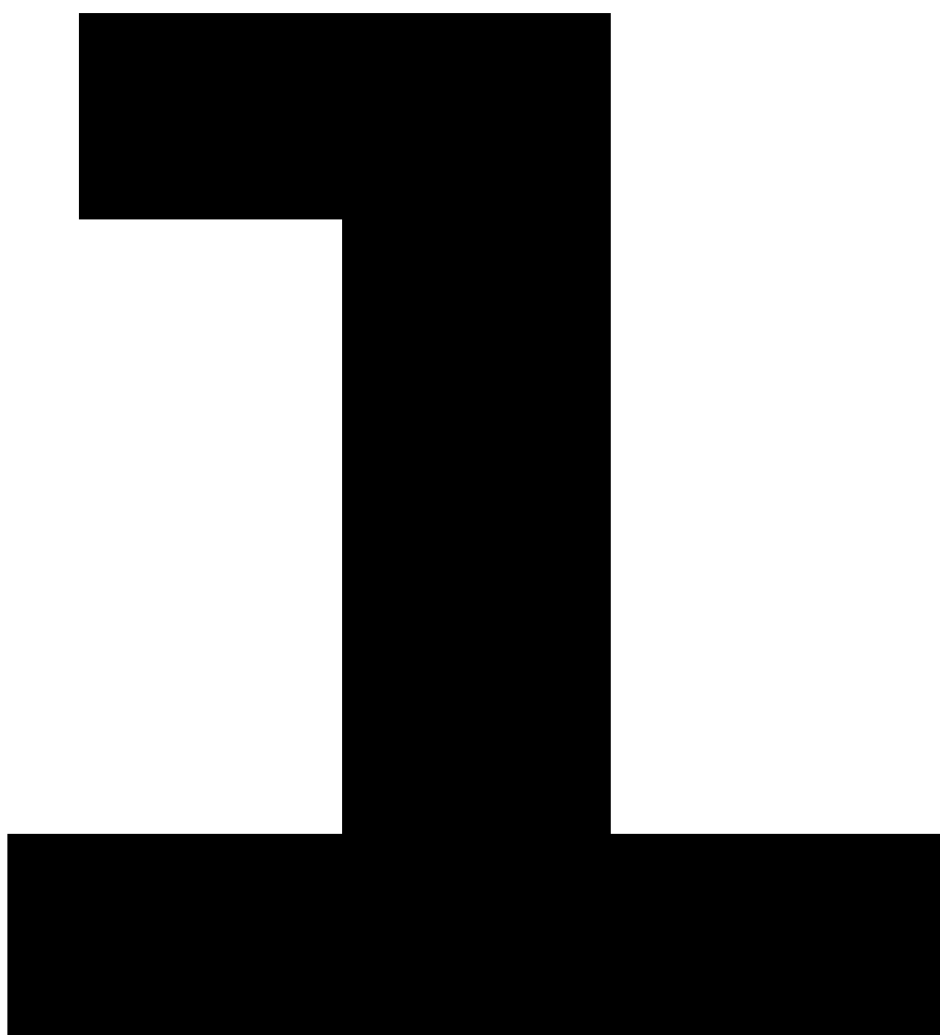
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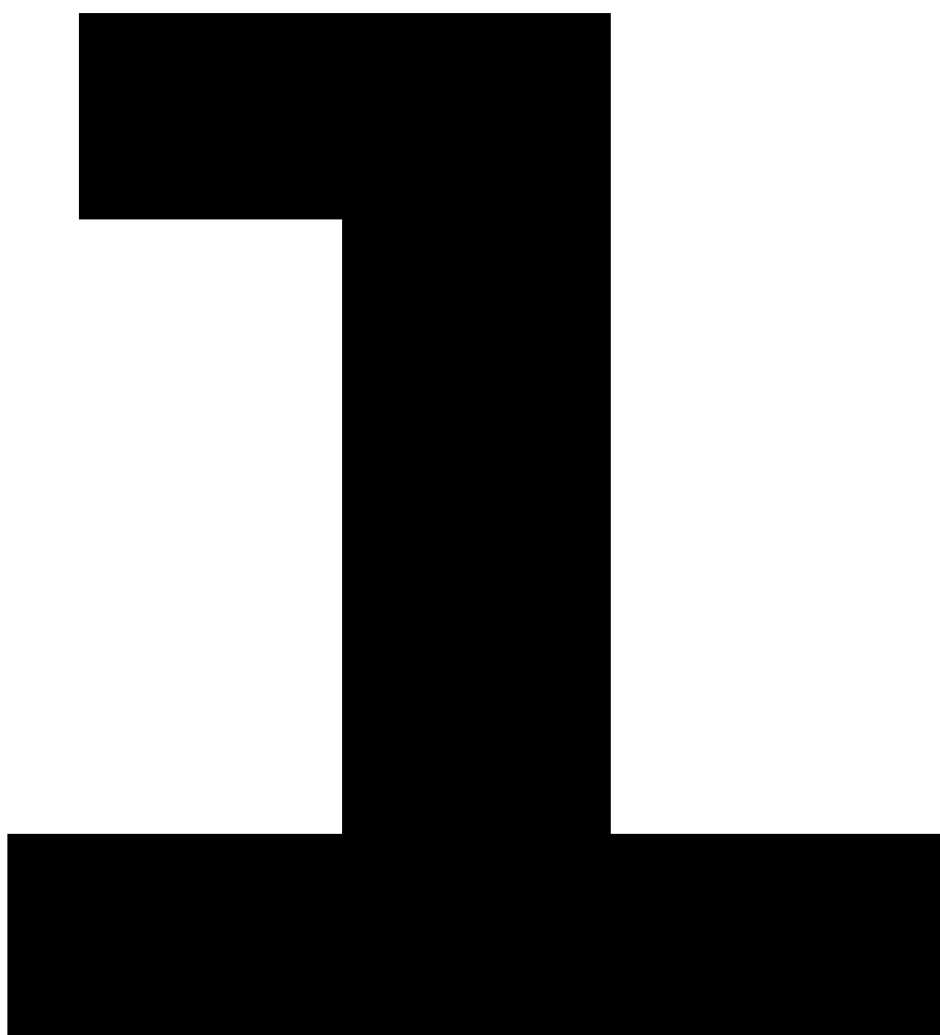


**S**











**n**





**o**



**e**



**n**



**w**







**5**



**r**



**m**



**e**









**n**



**S**



**e**





**J**



**n**













**J**







**e**



**r**





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**5**



**n**



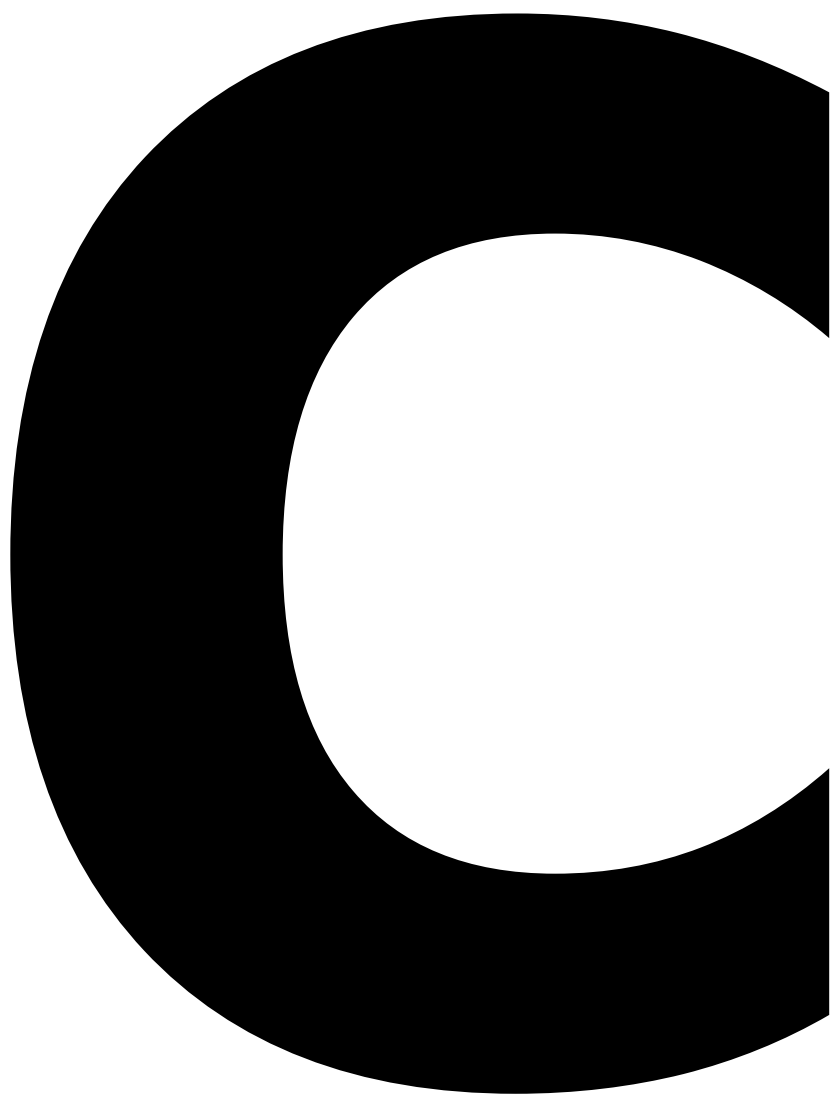
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**h**



**5**



**u**









**h**



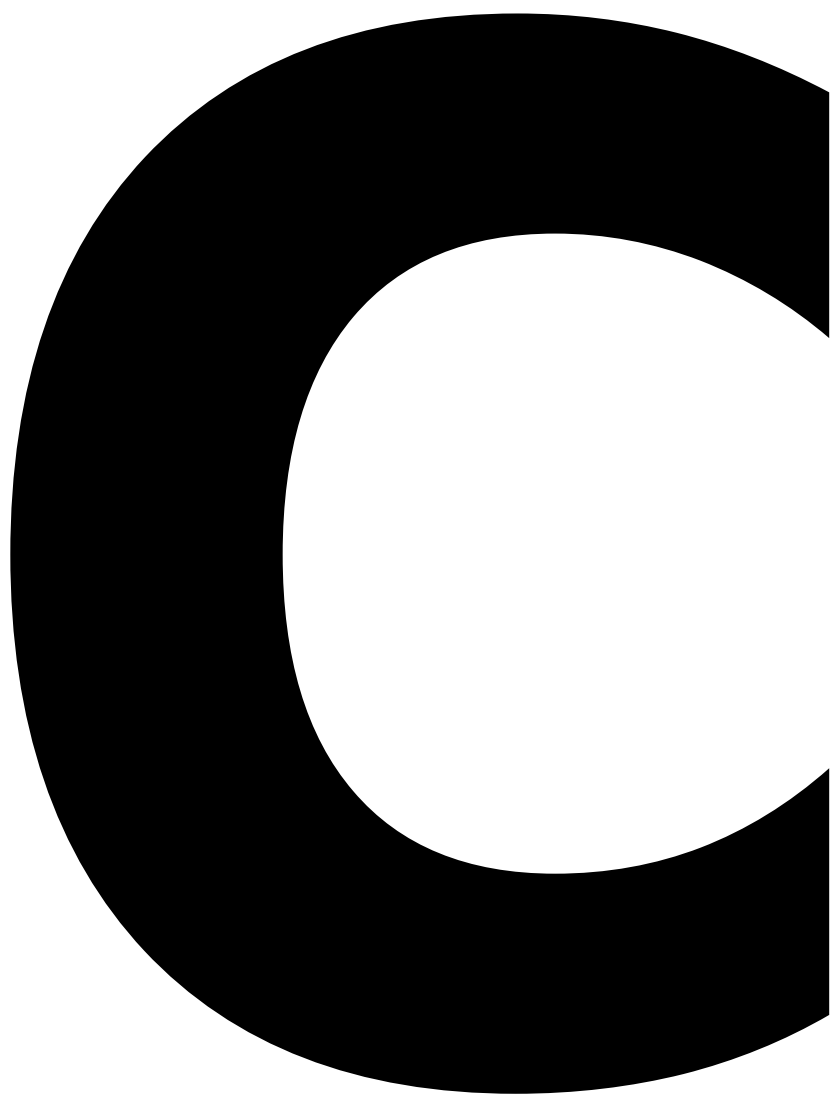
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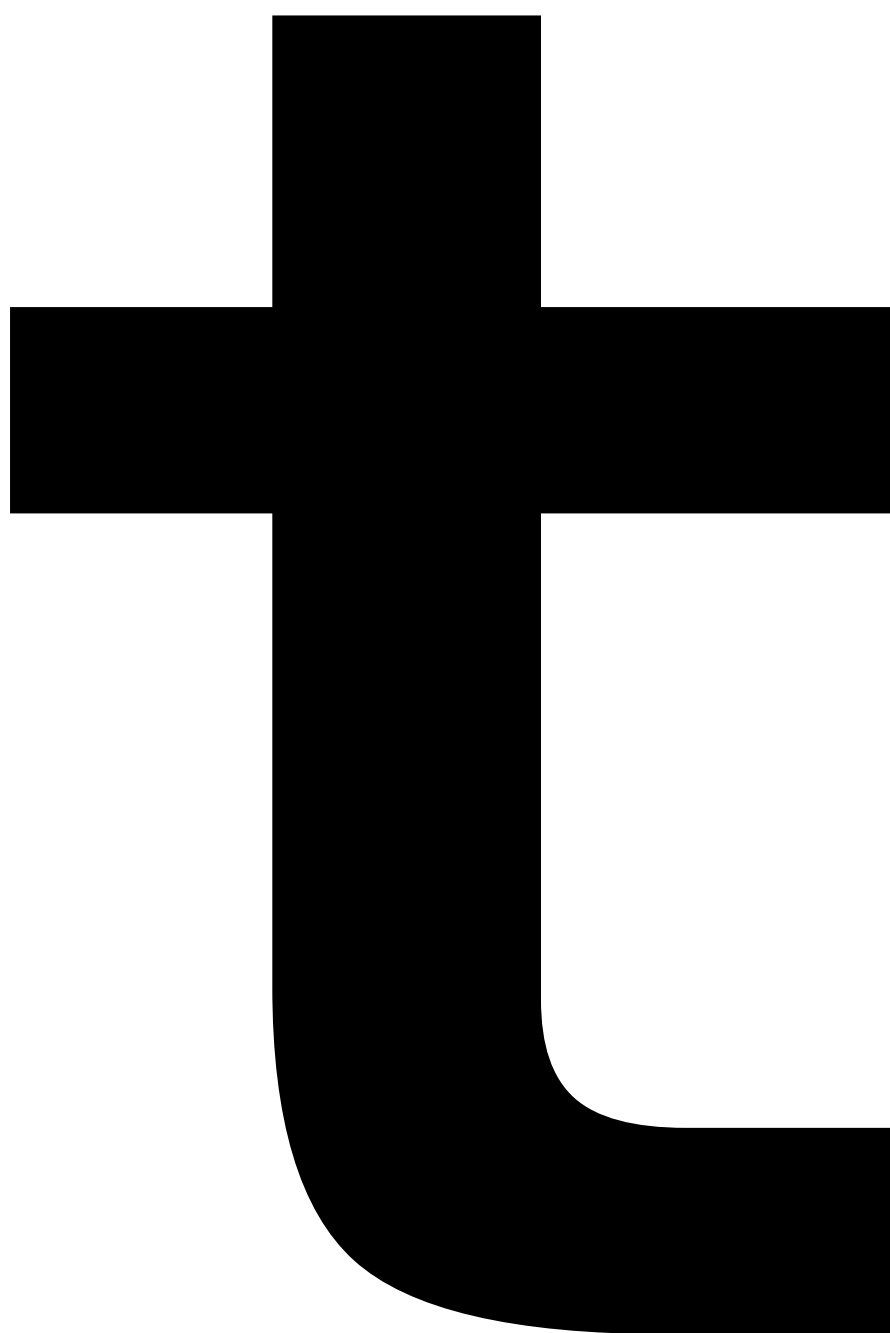






**h**







**e**





**r**







**J**





**5**





**r**



**e**



**n**





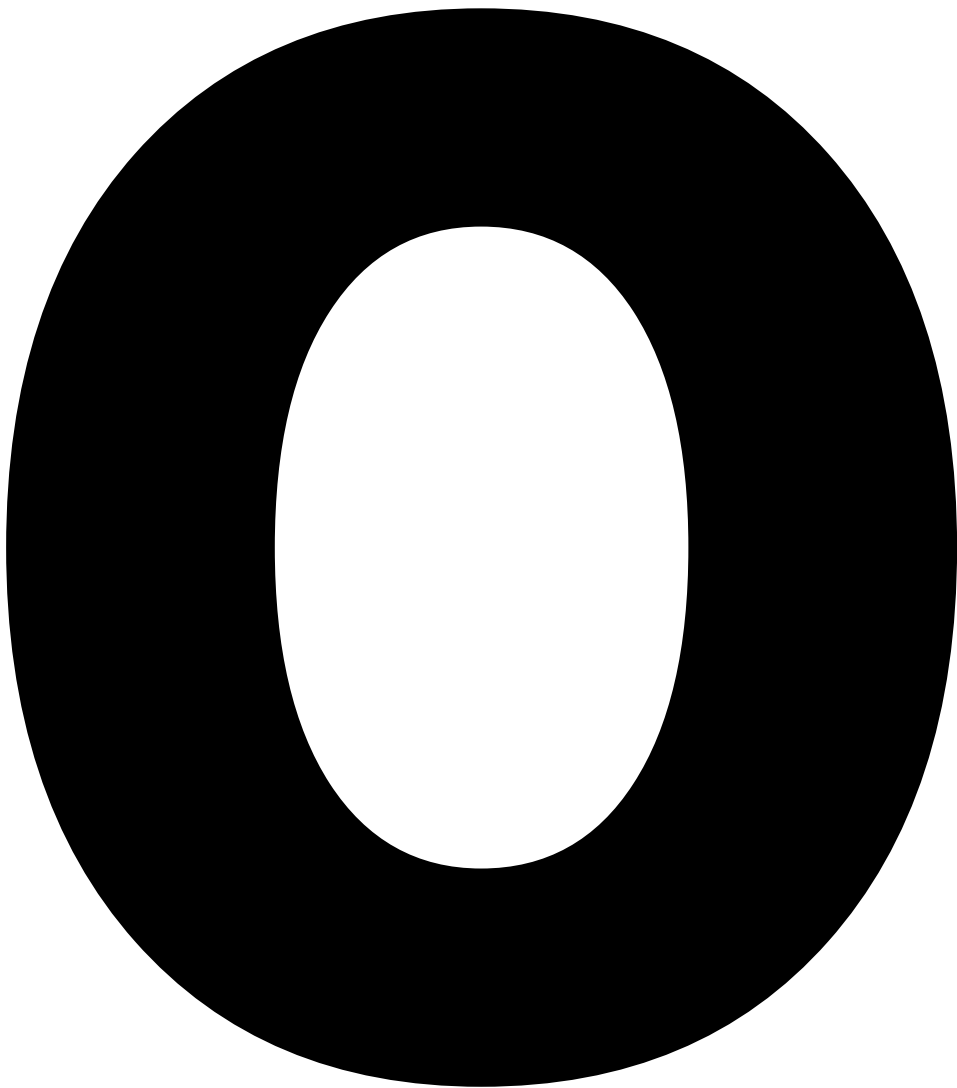






**J**







**S**



**e**



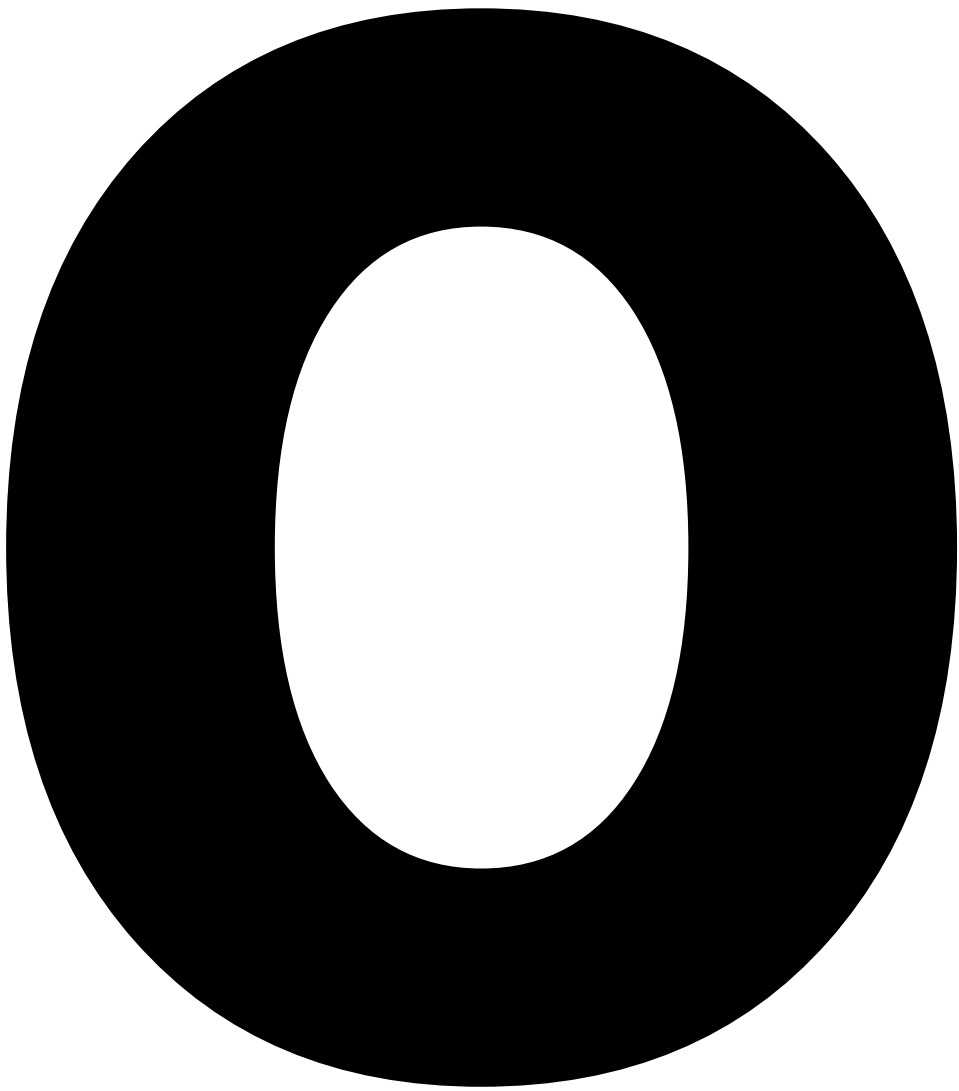






**K**







**w**





**5a**

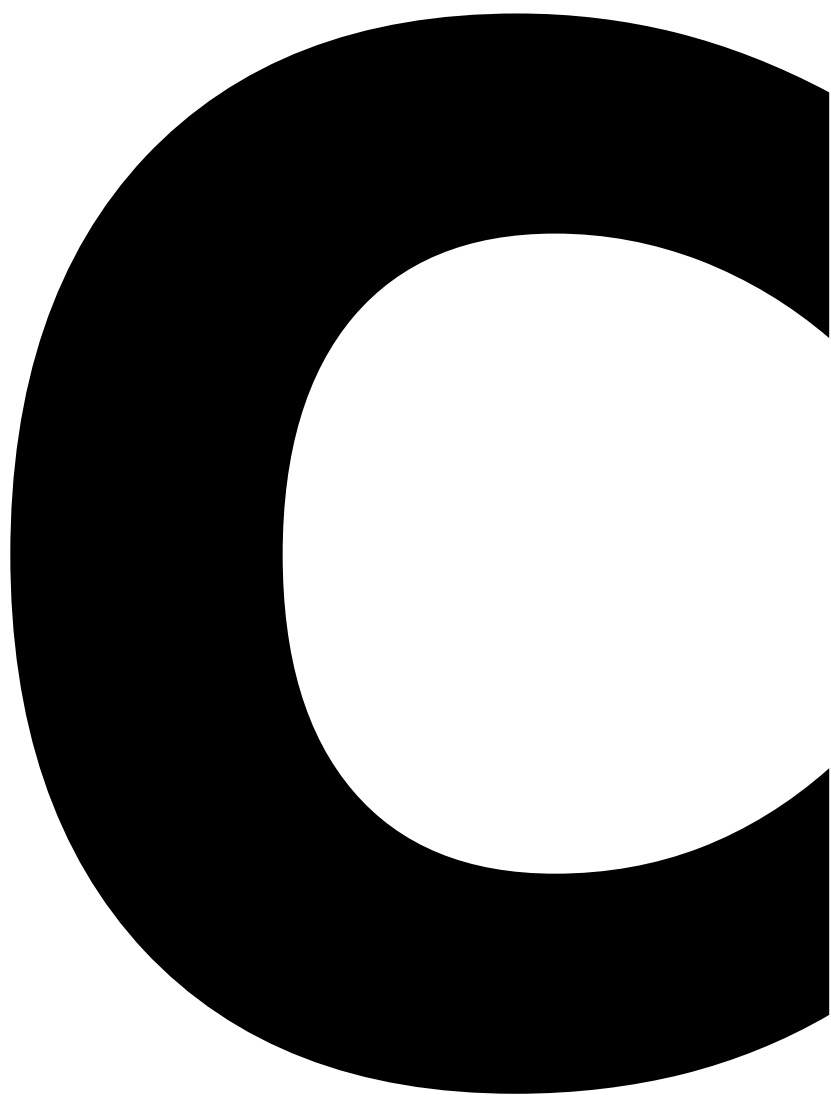






**S**









**h**







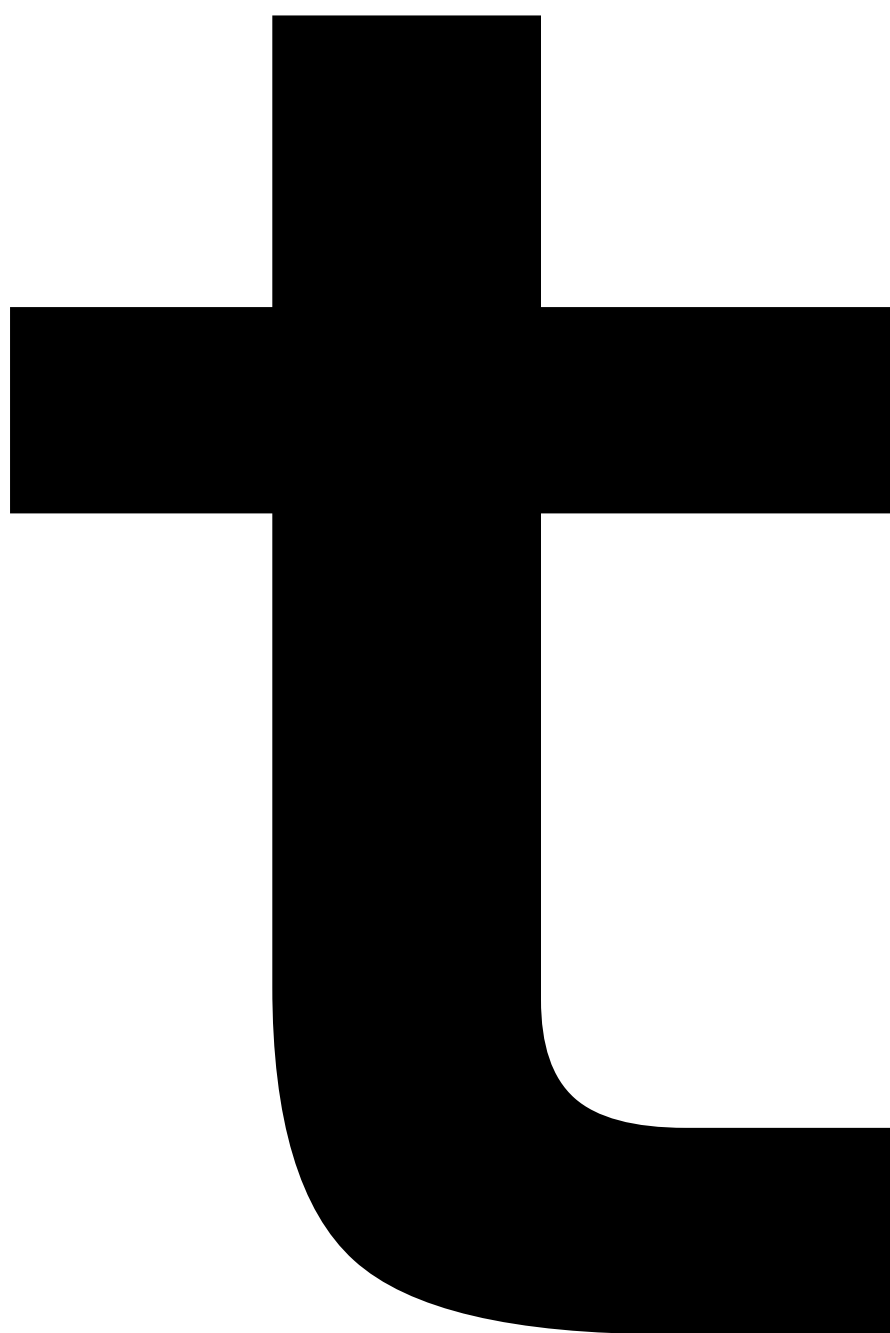
**5a**

















**V**



**e**





**r**



**N**



**5**









**u**



**r**



**S**



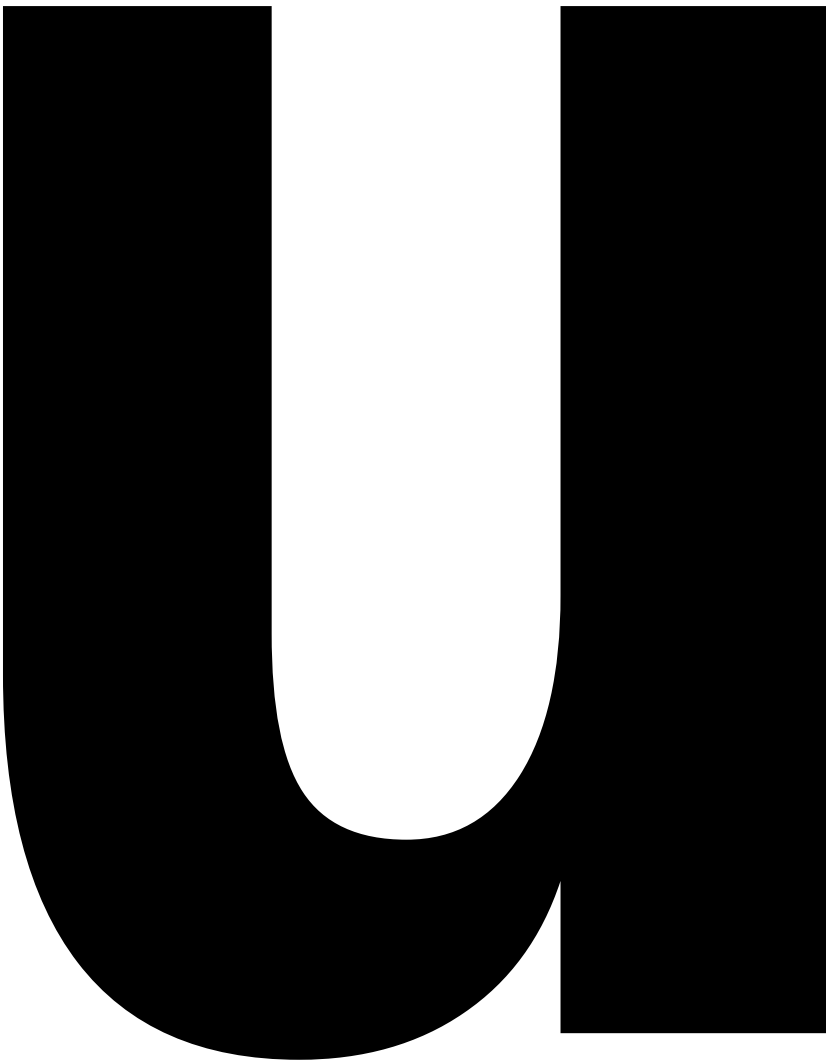






**h**

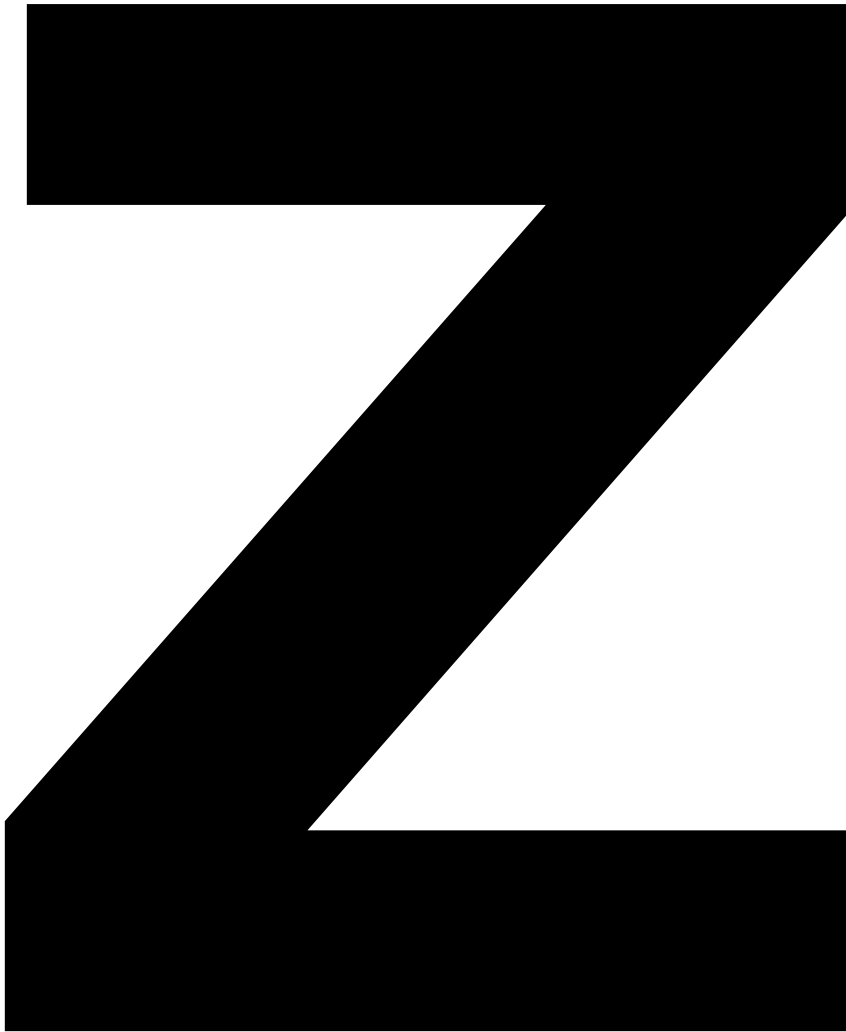
















**e**



**r**







**Q**





**u**







**e**



**r**





**N**



**5**







**u**





**r**

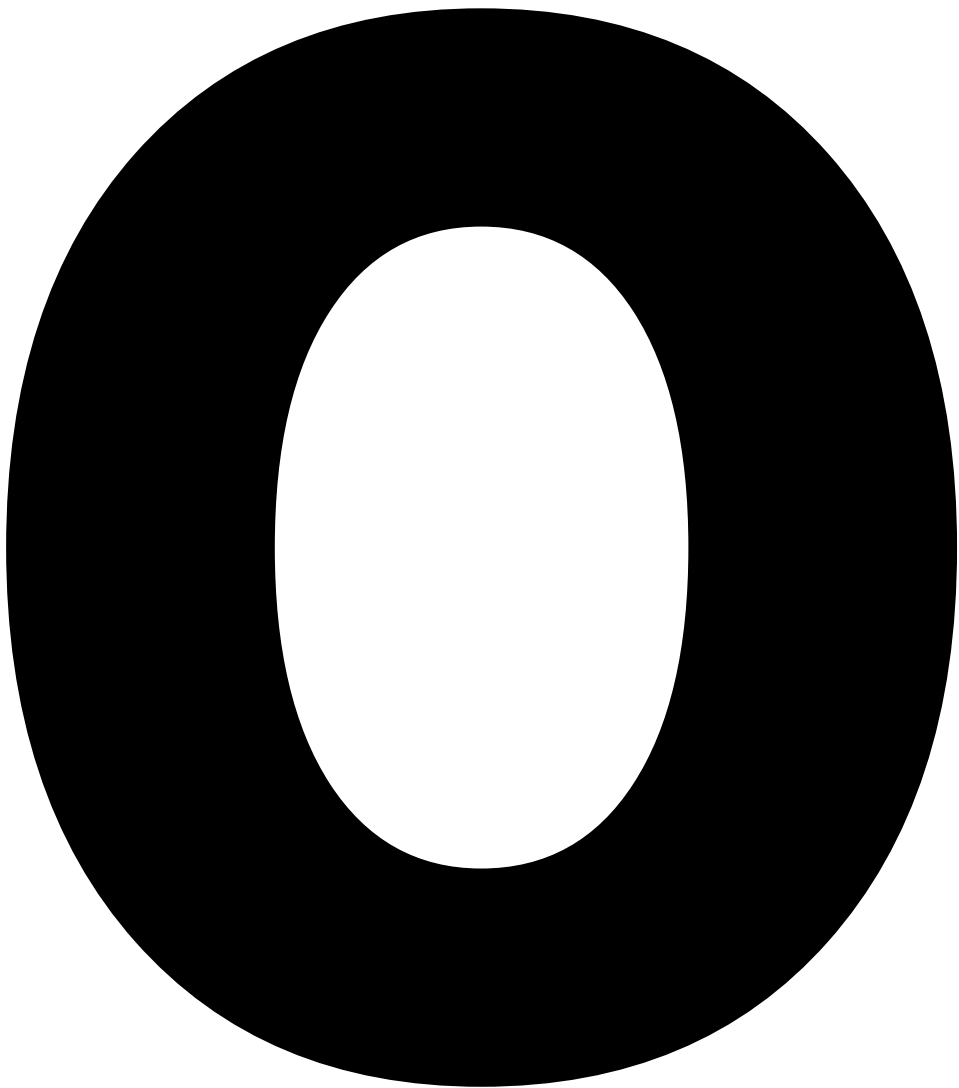


**10**



**e**









**10**



**5**



**C**



**h**









**e**



**r**



**u**





**n**



**o**



**u**



**n**





**5a**



**10**



**h**





**5**





**n**



**Q**







**Q**





**e**



**r**



**K**



**J**









**m**



**5**



**w**









**S**



**S**



e





**n**



**S**







**h**





**5a**











**J**





**e**



**r**

