



Mass-Driver
MD ThermoChrome 0.5 Specimen

MD ThermoChrome 0.5



There are a lot of ways to get text onto a substrate. The first writers used a reed to make notches in clay; later, it became common to paint or carve into stone, to scratch wax with a stylus, or to anoint parchment with ink from a pen or feather.

In the 11th century, Chinese artisan Bi Sheng used clay tiles as printing blocks, the first moveable type – in the 15th century, German inventor Johannes Gutenberg developed a more economical process, and for centuries thereafter, inked metal type was the primary technique for producing text.

But for the last few decades, our written world has been made from little dots. Little dots of ink from a printer, phosphors or pixels on a screen, blackened thermal paper on a sales receipt.

MD ThermoChrome is a typeface designed around little dots. It's not a faithful mimicry of any single printing technique, but an allusion to several: the coarse grid of dot-matrix printers; the visible scanlines of CRT terminal fonts; and a varying dot size referencing over- and under-inked documents produced by any number of methods.

Built on a consistent (but not quite square) grid, the typeface comes with five discrete italic angles – a conventional *Regular* and *Italic*, plus an *Inclined* style (which shifts each row across by a full column for a grid-fitting, almost 40° slant), and in the other direction, matching *Retalic* and *Reclined* styles.

For easier adjustment and fine-tuning, MD ThermoChrome is also available as a variable font with width and slant axes.

Reclined

Thin
Light
Regular
Medium
Semibold
Bold
Black
Ultra

Retalic

Thin
Light
Regular
Medium
Semibold
Bold
Black
Ultra

Regular

Thin
Light
Regular
Medium
Semibold
Bold
Black
Ultra

Italic

Thin
Light
Regular
Medium
Semibold
Bold
Black
Ultra

Inclined

Thin
Light
Regular
Medium
Semibold
Bold
Black
Ultra



96pt

WATER AND AIR AND FIRE AND EARTH AND THE FOUR ELEMENTS

72/72pt

WATER AND AIR AND FIRE AND EARTH AND THE FOUR ELEMENTS
AND THE FOUR ELEMENTS AND THE FOUR ELEMENTS AND THE FOUR ELEMENTS

40/48pt

"TOMORROW, THE STARS" ★ Anthology of Science Fiction
FANTASY - *WATER AND AIR AND FIRE AND EARTH* - *WATER AND AIR AND FIRE AND EARTH*
Various Authors (Edited by Robert A. Heinlein) India



96pt

Low-Res @ Printing Tools @

72/72pt

Low-Res @ Printing Tools @
www.mass-driver.com

40/48pt

Apollo 14 Passive Seismic Experiment - NASA Lunar E
BERYLLIUM 11.5 KG # 23x29 cm # 43-74 W SENSING
FEBRUARY 1971 - 35440'S TATTERW / ALSEP Central



96pt

3 1/3 lbs Heavy Ionic Water, 3
www.mass-driver.com

72/72pt

Experiments in Optical Pharmacology (2019) Natu
NEW BREAKTHROUGHS TWICE WEEKLY. SAY RESEARCH
Further Information Available via Our web

40/48pt

Experiments in Optical Pharmacology (2019) Natu
NEW BREAKTHROUGHS TWICE WEEKLY. SAY RESEARCH
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96pt

2-MICRON SURVEY OF

72/72pt

(Planetary * Catalogued) ES
* 300m observed objects and

40/48pt

2MASS J0441+2301 QUADRUPLE ORBITAL SYSTEM, 3
2x Brown Dwarf, 1x Red Dwarf, +1 Object (Non-Stellar)
EXTRASOLAR PLANETS ENCYCLOPAEDIA ENTRY NO. 2



96pt

Thermograph Printer For

72/72pt

+ REGISTRATION + MARKS + B
TONER 12% REPLACE SOON

40/48pt

Thermofax Model 12 (1950, 3M Corporation) Pri
DRY SILVER THERMOGRAPHIC PRINTING TECHNOLO
[The following text is a distorted, wavy representation of the previous text]



96pt

WESC MOUNTAIN

72/72pt

Interstellar of Tau Ceti IV S
Compiler Threat MEDIUM TO

40/48pt

December 21, 1994 - March 5, 2026 - June 3, 2026 (C
SECRETARY: MOUNTAIN WESC MOUNTAIN WESC MOUNTAIN WESC
Priority Contracts unlocked by completing existing n



24/28pt

Between 1952 and 1954 Fritz Karl Preikschat filed five patent applications for his teletype writer 7 stylus 35 dot matrix aka PKT printer, a dot matrix teletypewriter built between 1954 and 1956 in Germany. Like the earlier Hellschreiber, it still used

16/21pt

Through the 1990s, many fax machines used thermal printing technology. Toward the beginning of the 21st century, however, thermal wax transfer, laser, and inkjet printing technology largely supplanted thermal printing technology in fax machines, allowing printing on plain paper. Thermal printers are commonly used in seafloor

11/13.5pt

Increased pincount of the printhead from 7, 8, 9 or 12 pins to 18, 24, 27, or 36 permitted superior print quality, which was necessary for success in Asian markets to print legible CJKV characters. Epson's 24-pin LQ-series rose to become the new de facto standard, at 24/180inch (per pass - 75 lpi). Not only could a 24-pin printer lay down a denser dot-pattern in a single pass, it could simultaneously cover a larger area and print more quickly. Although the text quality of a 24-pin was still visibly inferior to a

13/16pt

In 1968, the Japanese manufacturer OKI introduced its first serial impact dot matrix printer (SIDM), the OKI Wiredot. The printer supported a character generator for 128 characters with a print matrix of 7 x 5. It was aimed at governmental, financial, scientific and educational markets. For this achievement, OKI received an award from the Information Processing Society of Japan (IPSJ) in 2013. In 1970, Digital Equipment Corporation (DEC) introduced an impact dot

9.5/12pt

The VT200 series was extremely successful in the market. Released at \$1,295, but later priced at \$795, the VT220 offered features, packaging and price that no other serial terminal could compete with at the time. In 1986, DEC shipped 165,000 units, giving them a 42% market share, double that of the closest competitor, Wyse. Competitors adapted by introducing similar models at lower prices, leading DEC to do the same by releasing the less-expensive \$545 VT300 series in 1987. By that time, DEC had shipped over one million VT220s. The LK201 keyboard supplied



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ss01 Symbols (Stylistic Set 1)

cloud.sun



ordn Ordinals

10 2a

10 2a

supr Superscript

 x^2+4y^3 x^2+4y^3

tnum Tabular Figures

€10.95

€10.95

ss02 Symbol Variants (Stylistic Set 2)

Next

Next

frac Arbitrary Fractions

1 17/24

1 17/24

subs Subscript (also sinf Scientific Inferiors)

 $C_6H_{12}O_6$ $C_6H_{12}O_6$

loc1 Localised Forms (Romanian & Moldavian, Northern Sámi)

ST N

ST N

Symbol	Keyword	Character
	thumbsup	👍
	thumbsup.small	👍 + ss02
	manicule.left	✋
	manicule.left.small	✋ + ss02
	manicule	✋
	manicule.small	✋ + ss02
	backward.skip	⏮
	backward	⏪
	stop	⏹
	pause	⏸
	play	▶
	playpause	⏮▶
	forward	⏩
	forward.skip	⏭
	mute	🔇
	speaker	🔊
	speaker.low	🔊
	speaker.high	🔊
	shuffle	🔀
	repeat	🔁
	cafe	☕
	wine	🍷
	nosmoking	🚭
	man	👨
	woman	👩
	restroom	🚻
	wheelchair	♿
	info	ℹ
	departures	🚉
	arrivals	🚉
	airplane	✈
	car	🚗
	pencil	🖋
	folder	📁
	file	📄
	calendar	📅
	envelope	✉
	chart	📊
	clock	🕒
	phone	☎

Symbol	Keyword	Character
	person	👤
	people	👥
	speech	💬
	speech.small	💬 + ss02
	minus	-
	plus	+
	tick	✓
	cross	×
	search	🔍
	checkbox	☐
	checkbox.checked	☑
	menu	☰
	share	🔗
	download	⬇
	link	🔗
	bell	🔔
	pushpin	📌
	bag	👜
	cart	🛒
	trash	🗑
	microphone	🎤
	headphones	🎧
	music	🎵
	camera	📷
	camera.video	📹
	battery	🔋
	battery.full	🔋 + ss02
	key	🔑
	lock	🔒
	shield	🛡
	flag	🚩
	wifi	📶
	wifi.no	📶 + ss02
	spade	♠
	club	♣
	heart	♥ / ❤
	diamond	♦
	sun	☀
	cloud.sun	☁☀
	cloud	☁



Symbol	Keyword	Character
	cloud.rain	☁🌧
	cloud.snow	☁❄
	cloud.lightning	☁⚡
	snowflake	❄
	moon	🌙
	lightbulb	💡
	robotarm	🤖
	testtube	🧪
	cell	🧫
	dna	🧬
	pill	💊
	syringe	💉
	stethoscope	🩺
	microscope	🔬
	flask	🧪
	rocket	🚀
	planet	🪐
	quote.left	‘
	quote.right	’
	quote.double.left	“
	quote.double.right	”
	frown	☹
	smile	😊
	star	☆
	star.full	★
	fire	🔥
	droplet	💧
	recycle	♻
	fleuron	❦
	lightning	⚡
	circle.lefthalf	◐
	circle.righthalf	◑
	?	?
	!	!
	plant	🌱
	cup	☕

Symbols can be used either by directly inserting the character they're mapped to, or typing their keyword and enabling the 'Symbols' stylistic set (ss01).



Abkhazian	Faroese	Koyra Chiini	Niuean	Swati
Acehnese	Fijian	Koyraboro Senni	Nogai	Swedish
Adangme	Filipino	Kuanyama	North Ndebele	Swiss German
Adyghe	Finnish	Kumyk	North Sámi	Tahitian
Afrikaans	Fon	Kurukh	Northern Sotho	Taita
Akan	French	Kwasio	Norwegian Bokmål	Taroko
Albanian	Friulian	Ladino	Norwegian Nynorsk	Tasawaq
Aleut	Fula	Latin	Nyanja	Teso
Angika	Ga	Latvian	Nyankole	Tetum
Aragonese	Galician	Lezghian	Oromoo	Timne
Arapaho	Ganda	Limburgish	Palauan	Tok Pisin
Aromanian	German	Lingala	Pampanga	Tongan
Asturian	Gilbertese	Lithuanian	Pangasinan	Tsonga
Asu	Gorontalo	Lojban	Papiamento	Tswana
Avaric	Guarani	Louisiana Creole	Pite Sámi	Tumbuka
Awadhi	Gusii	Lower Sorbian	Polish	Turkish
Aymara	Gwich'in	Lozi	Portuguese	Turkmen
Azerbaijani	Haitian Creole	Luba-Katanga	Quechua	Tuvalu
Bafia	Hausa	Luba-Lulua	Rapanui	Tuvinian
Balinese	Hawaiian	Lule Sami	Rarotongan	Tyap
Bambara	Herero	Lunda	Romanian	Udmurt
Basque	Hiligaynon	Luo	Romansh	Umbundu
Bemba	Hungarian	Luxembourgish	Rombo	Ume Sámi
Bena	Hupa	Luyia	Rundi	Upper Sorbian
Bini	Iban	Machame	Rwa	Uzbek
Bislama	Ibibio	Madurese	Samburu	Vai
Bosnian	Icelandic	Magahi	Samoan	Vietnamese
Breton	Ido	Makasar	Sandawe	Vunjo
Buginese	Igbo	Makhuwa-Meetto	Sango	Walloon
Cajun French	Iloko	Makonde	Sangu	Waray
Catalan	Inari Sami	Malagasy	Sardinian	Welsh
Cebuano	Indonesian	Malay	Scots	Wolastoqey
Chamorro	Interlingua	Maltese	Scottish Gaelic	Wolof
Cheyenne	Irish	Manx	Sena	Xhosa
Chickasaw	Italian	Māori	Serbian	Yangben
Chiga	Javanese	Mapuche	Shambala	Yemba
Chuukese	Jju	Mari	Shan	Zarma
Colognian	Jola-Fonyi	Marshallese	Shona	Zaza
Comorian	Kabardian	Mende	Sicilian	Zulu
Cornish	Kabuverdianu	Meru	Siksiká	Zuni
Corsican	Kachin	Meta'	Skolt Sami	
Croatian	Kako	Mi'kmaw	Slovak	
Czech	Kalaallisut	Minangkabau	Slovenian	
Dakota	Kalenjin	Mirandese	Soga	
Danish	Kalmyk	Mizo	Somali	
Dargwa	Kamba	Mohawk	Soninke	
Dazaga	Kanuri	Moksha	South Ndebele	
Dogrib	Karachay-Balkar	Morisyen	South Sámi	
Duala	Karelian	Mossi	Southern Altai	
Dutch	Khasi	Mvskoke	Southern Sotho	
Efik	Kikuyu	Nauru	Spanish	
Ekajuk	Kimbundu	Ndonga	Sranan Tongo	
Embu	Kinyarwanda	Neapolitan	Sukuma	
English	Klingon	Newari	Sundanese	
Esperanto	Komi	Ngambay	Swahili	
Estonian	Koro	Nias		

Showing 264 of a total 434 supported languages.

[See our website for a full, searchable list.](#)

For languages with multiple scripts or writing systems, only the Latin is supported (unless noted otherwise).



Credits	Designed by Rutherford Craze.	
Version No.	0.051	
First Available	November 2024	
Last Updated	June 2026	
Total Styles	40	
Glyphs Per Style	814	
UPM	2048	
Cap Height	1336	
x-Height	1136	
Ascender	1536	
Descender	-400	
Italic Angle	±35.8° (Inclined/Reclined) ±15.4° (Italic/Retailic)	
Filesize	OTF:	74-107 KB
	WOFF2:	24-43 KB
	TTF (VF):	636 KB
	WOFF2 (VF):	50 KB
Contours	Desktop:	Cubic (CFF) (Unhinted)
	Web:	Cubic/Quadratic (CFF/TTF) (Unhinted)
	Variable:	Quadratic (TTF) (Unhinted)
Licensing	MD ThermoChrome 0.5 may be used only as permitted by the terms of the Mass-Driver License Agreement. https://mass-driver.com/licensing	



Style	wght Weight	slnt Slant
Thin	200	0
Thin Italic	200	-40
Thin Inclined	200	-100
Thin Retalic	200	40
Thin Reclined	200	100
Light	300	0
Light Italic	300	-40
Light Inclined	300	-100
Light Retalic	300	40
Light Reclined	300	100
Regular	400	0
Italic	400	-40
Inclined	400	-100
Retalic	400	40
Reclined	400	100
Medium	500	0
Medium Italic	500	-40
Medium Inclined	500	-100
Medium Retalic	500	40
Medium Reclined	500	100
Semibold	600	0
Semibold Italic	600	-40
Semibold Inclined	600	-100
Semibold Retalic	600	40
Semibold Reclined	600	100
Bold	700	0
Bold Italic	700	-40
Bold Inclined	700	-100
Bold Retalic	700	40
Bold Reclined	700	100
Black	800	0
Black Italic	800	-40
Black Inclined	800	-100
Black Retalic	800	40
Black Reclined	800	100
Ultra	900	0
Ultra Italic	900	-40
Ultra Inclined	900	-100
Ultra Retalic	900	40
Ultra Reclined	900	100

Style	wght Weight	slnt Slant
MD ThermoChrome Variable	200 ... 900	-100 ... 100
Included in Future Fonts download package		



From human hands.

mass-driver.com

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