### Font tcrm1000

Design size: 10.0

Encoding: TeX text companion symbols 1—TS1

Family: TCRM Face: O 352

### Font parameters

$\sigma_1$	slant per pt	0.0
$\sigma_2$	interword space	$3.33252\mathrm{pt}$
$\sigma_3$	interword stretch	$1.66626\mathrm{pt}$
$\sigma_4$	interword shrink	$1.11084\mathrm{pt}$
$\sigma_5$	x-height	$4.3045\mathrm{pt}$
$\sigma_6$	quad width	$9.99756\mathrm{pt}$
$\sigma_7$	extra space	$1.11084{\rm pt}$
$\sigma_8$	num1	$6.83167\mathrm{pt}$
$\sigma_9$	num2	$6.94275\mathrm{pt}$
$\sigma_{10}$	num3	$8.91449\mathrm{pt}$
$\sigma_{11}$	denom1	$1.94397{ m pt}$
$\sigma_{12}$	denom2	$8.91449\mathrm{pt}$
$\sigma_{13}$	$\sup 1$	$2.49939{ m pt}$
$\sigma_{14}$	$\sup 2$	$4.99878{ m pt}$
$\sigma_{15}$	$\sup 3$	$0.88867\mathrm{pt}$
$\sigma_{16}$	sub1	$11.99997\mathrm{pt}$
-	1 1 00	

Boundary char: 23

Generated by tfm2tex version 1.8.2 on Mon Sep 23 11:06:49 EDT 2024.

Glyphs are shown at 60 pt. The character box is shown in black. The x-height is shown by the bottom edge of a blue rule and, when the character has a non-zero depth, the baseline is shown by the top edge of a red rule.

# Table of Contents

	$\mathcal{O}$	1	2	<i>'3</i>	4	<b>'</b> 5	6	17	
'00x	`	-	^	~		~	٥	~	″0x
'01x	Ü	_	•	د	c	,			UX
'02x			"			_	_		″1x
'03x	<b>←</b>	$\rightarrow$	^	^	^	^			1X
'04x	ъ				\$			'	″2x
'05x			*		,	=		/	2X
'06x	0	1	2	3	4	5	6	7	″3x
'07x	8	9			(	_	>		
′10x									″4x
′11x						Ω		0	4X
′12x								Ω	″F
′13x							1	<b>↓</b>	″5x
′14x	`		*	0 0	+				″ <i>C</i>
′15x					Ø	00	•\		″6x
′16x									″7x
′17x							~	=	/ X
′20x	Ü	~	"	"	†	‡		‰	″0
′21x	•	$^{\circ}\mathrm{C}$	\$	¢	f	C	₩	N	"8x
'22x	G	₽	£	R	?	į.	₫	TM	″9x
'23x	‱	¶	В	Nº	%	е	0	SM	9x
'24x	{	}	¢	£	¤	¥		§	"Ax
'25x		©	<u>a</u>	(3)	_	P	R	_	AX
'26x	0	±	2	3	,	μ	¶		″Bx
'27x	*	1	Ō	√	$\frac{1}{4}$	$\frac{1}{2}$	$\frac{3}{4}$	€	ВХ
'32x							×		″D
′33x									"Dx
'36x							÷		″E
'37x									"Fx
	″8	″9	"A	″В	"C	"D	"E	"F	

### Characters

Char code: 0, '000, "00



wd: 4.99878 pt ht: 6.06004 pt

Char code: 1, '001, "01



 $\begin{array}{ll} wd\colon & 4.99878\,\mathrm{pt} \\ \mathrm{ht}\colon & 6.06004\,\mathrm{pt} \end{array}$ 

Char code: 2, '002, "02



wd: 4.99878 pt ht: 6.4151 pt

Char code: 3, '003, "03



wd: 4.99878 pt ht: 6.4151 pt

Char code: 4, '004, "04



wd: 4.99878 pt ht: 6.4151 pt

Char code: 5, '005, "05



wd: 4.99878 pt ht: 6.06004 pt ic: 0.1523 pt

Char code: 6, '006, "06



 $\begin{array}{ll} wd\colon & 7.49817\,\mathrm{pt} \\ ht\colon & 6.4151\,\mathrm{pt} \end{array}$ 

Char code: 7, '007, "07



wd: 4.99878 pt ht: 6.4151 pt

Char code: 8, '010, "08



wd: 4.99878 pt ht: 6.4151 pt

Char code: 9, '011, "09



wd: 4.99878 pt ht: 6.4151 pt

Char code: 10, '012, "0A



 $\begin{array}{ll} {\rm wd:} & 2.7771\,{\rm pt} \\ {\rm ht:} & 6.06004\,{\rm pt} \end{array}$ 

Char code: 11, '013, "0B



wd: 4.44336 pt ht: 0.0 pt dp: 1.70097 pt

Char code: 12, '014, "00



wd: 2.7771 ptht: 0.0 ptdp: 1.94397 pt

Char code: 13, '015, "OD



wd: 3.88794 ptht: 1.0553 ptdp: 1.94397 pt

### Char code: 18, '022, "12



wd: 4.99878 ptht: 1.0553 ptdp: 1.94397 pt

#### Char code: 21, '025, "15



wd: 6.66504 pt ht: 4.37393 pt ic: 0.27771 pt

### Char code: 22, '026, "16



wd: 7.49817 pt ht: 4.37393 pt ic: 0.27771 pt

### Char code: 23, '027, "17

wd: 0.0 pt ht: 6.8872 pt

#### Char code: 24, '030, "18



wd: 9.99756 pt ht: 3.66788 pt dp: -1.33089 pt

### Char code: 25, '031, "19



wd: 9.99756 pt ht: 3.66788 pt dp: -1.33089 pt

### Char code: 26, '032, "1A



wd: 2.7771 pt ht: 6.8872 pt ic: 2.62436 pt

Char code: 27, '033, "1B



wd: 3.33252 pt ht: 9.46991 pt ic: 2.90207 pt

Char code: 28, '034, "10



wd: 4.99878 pt ht: 6.8872 pt ic: 2.62436 pt

Char code: 29, '035, "1D



 $\begin{array}{ll} \text{wd:} & 4.99878\,\text{pt} \\ \text{ht:} & 6.8872\,\text{pt} \\ \text{ic:} & 2.90207\,\text{pt} \end{array}$ 

Char code: 31, '037, "1F

wd: 0.0 pt ht: 6.8872 pt

Char code: 32, '040, "20



wd: 5.5542 pt ht: 6.8872 pt

Char code: 36, '044, "24



wd: 4.99878 pt ht: 7.49817 pt dp: 0.55542 pt

Char code: 39, '047, "27



wd: 2.7771 pt ht: 6.8872 pt

Char code: 42, '052, "2A



wd: 4.99878 pt ht: 4.65164 pt dp: -0.34714 pt

Char code: 44, '054, "20



wd: 2.7771 pt ht: 1.0553 pt dp: 1.94397 pt

Char code: 45, '055, "2D



wd: 3.33252 pt ht: 3.66788 pt dp: -1.33089 pt

Ligatures

$$= ("2D) + = ("7F) = = ("7F)$$

Char code: 46, '056, "2E



wd: 2.7771 pt ht: 1.0553 pt

Char code: 47, '057, "2F



wd: 4.99878 pt ht: 7.49817 pt dp: 2.49939 pt

Char code: 48, '060, "30



wd: 4.99878 pt ht: 4.37393 pt

Char code: 49, '061, "31



wd: 4.99878 pt ht: 4.37393 pt

Char code: 50, '062, "32

wd: 4.99878 pt ht: 4.37393 pt

Char code: 51, '063, "33

wd: 4.99878 pt ht: 4.37393 pt dp: 1.94397 pt

Char code: 52, '064, "34

wd: 4.99878 pt ht: 4.37393 pt dp: 1.94397 pt

Char code: **53**, '065, "35

wd: 4.99878 pt ht: 4.37393 pt dp: 1.94397 pt

Char code: 54, '066, "36

wd: 4.99878 pt ht: 6.4151 pt

Char code: 55, '067, "37

wd: 4.99878 pt ht: 4.37393 pt dp: 1.94397 pt

Char code: **56**, '070, "38

wd: 4.99878 pt ht: 6.4151 pt

Char code: 57, '071, "39

wd: 4.99878 pt ht: 4.37393 pt dp: 1.94397 pt

Char code: 60, '074, "3C



wd: 3.88794 ptht: 7.49817 ptdp: 2.49939 pt

Char code: 61, '075, "3D



wd: 7.77588 pt ht: 5.83191 pt dp: 0.83313 pt

Char code: 62, '076, "3E



wd: 3.88794 pt ht: 7.49817 pt dp: 2.49939 pt

Char code: 77, '115, "4D



wd: 7.22046 pt ht: 6.8872 pt

Char code: 79, '117, "4F



wd: 11.1084 pt ht: 7.49817 pt dp: 2.49939 pt

Char code: 87, '127, "57



wd: 7.22046 pt ht: 6.8872 pt

### Char code: 91, '133, "5B



wd: 4.0268 pt ht: 7.49817 pt dp: 2.49939 pt

Char code: 93, '135, "5D



wd: 4.0268 ptht: 7.49817 ptdp: 2.49939 pt

Char code: 94, '136, "5E



wd: 4.99878 pt ht: 6.8872 pt dp: 1.94397 pt

Char code: 95, '137, "5F



wd: 4.99878 pt ht: 6.8872 pt dp: 1.94397 pt

Char code: 96, '140, "60



wd: 4.99878 pt ht: 6.8872 pt

Char code: 98, '142, "62



wd: 4.99878 pt ht: 4.65164 pt dp: -0.34714 pt

Char code: 99, '143, "63



wd: 4.99878 pt ht: 4.65164 pt dp: -0.34714 pt

Char code: 100, '144, "64



wd: 4.99878 pt ht: 6.06004 pt dp: 0.26384 pt

Char code: 108, '154, "60



 $\begin{array}{ll} {\rm wd:} & 9.99756\,{\rm pt} \\ {\rm ht:} & 6.8872\,{\rm pt} \end{array}$ 

Char code: 109, '155, "6D



wd: 4.99878 pt ht: 4.65164 pt dp: -0.34714 pt

Char code: 110, '156, "6E



wd: 6.10962 pt ht: 6.8872 pt

Char code: 126, '176, "7E



 $\begin{array}{ll} wd: & 6.10962\,\mathrm{pt} \\ ht: & 1.22986\,\mathrm{pt} \end{array}$ 

Char code: 127, '177, "7F



wd: 1.66626 pt ht: 3.66788 pt dp: -1.33089 pt

Char code: 128, '200, "80



wd: 6.10962 pt ht: 6.8872 pt

Char code: 129, '201, "81



wd: 6.10962 pt ht: 6.8872 pt

Char code: 130, '202, "82



wd: 4.99878 pt ht: 6.8872 pt

Char code: 131, '203, "83



wd: 4.99878 pt ht: 6.8872 pt

Char code: 132, '204, "84



wd: 4.44336 pt ht: 6.8872 pt dp: 1.94397 pt

Char code: 133, '205, "85



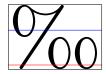
wd: 4.44336 pt ht: 6.8872 pt dp: 1.94397 pt

Char code: 134, '206, "86



wd: 4.99878 ptht: 7.49817 ptdp: 2.49939 pt

Char code: 135, '207, "87



 $\begin{array}{ll} \text{wd:} & 11.66382\,\text{pt} \\ \text{ht:} & 7.49817\,\text{pt} \\ \text{dp:} & 0.55542\,\text{pt} \end{array}$ 

Char code: 136, '210, "88



wd: 4.99878 pt ht: 4.37393 pt dp: -0.55542 pt

Char code: 137, '211, "89



wd: 9.44214 pt ht: 6.8872 pt

Char code: 138, '212, "8A



wd: 6.10962 pt ht: 7.49817 pt dp: 0.55542 pt

Char code: 139, '213, "8B



wd: 4.99878 pt ht: 5.2302 pt dp: 0.97198 pt

Char code: 140, '214, "8C



wd: 3.05481 pt ht: 6.8872 pt ic: 0.77759 pt

Char code: 141, '215, "8D



wd: 7.22046 pt ht: 7.49817 pt dp: 0.55542 pt

Char code: 142, '216, "8E



wd: 10.27527 pt ht: 6.8872 pt ic: 0.13885 pt

Char code: 143, '217, "8F



wd: 7.77588 pt ht: 6.8872 pt

Char code: 144, '220, "90



wd: 7.8453 pt ht: 7.49817 pt dp: 0.55542 pt

Char code: 145, '221, "91



wd: 6.94275 pt ht: 6.8872 pt

Char code: 146, '222, "92



wd: 6.38733 pt ht: 6.8872 pt

Char code: 147, '223, "93



wd: 7.35931 pt ht: 6.8872 pt

Char code: 148, '224, "94



wd: 4.72107 pt ht: 6.8872 pt

Char code: 149, '225, "95



wd: 4.72107 pt ht: 4.99878 pt dp: 1.94397 pt

Char code: 150, '226, "96



wd: 5.5542 pt ht: 7.49817 pt

Char code: 151, '227, "97



wd: 6.66504 pt ht: 7.49817 pt ic: 5.24869 pt

Char code: 152, '230, "98



wd: 15.12593 pt ht: 7.49817 pt dp: 0.55542 pt

Char code: 153, '231, "99



wd: 4.72107 pt ht: 6.8872 pt dp: 1.94397 pt

Char code: 154, '232, "9A



wd: 7.0816 pt ht: 7.49817 pt dp: 0.55542 pt

Char code: 155, '233, "9B



wd: 9.16443 pt ht: 6.8872 pt

Char code: 156, '234, "90

**/**•

wd: 4.99878 pt ht: 7.49817 pt

Char code: 157, '235, "9D



wd: 6.76224 pt ht: 6.8872 pt

Char code: 158, '236, "9E



wd: 4.99878 pt ht: 4.37393 pt dp: -0.55542 pt

Char code: 159, '237, "9F



wd: 6.66504 pt ht: 7.49817 pt ic: 5.24869 pt

Char code: 160, '240, "A0



wd: 3.61023 ptht: 7.49817 ptdp: 2.49939 pt

Char code: 161, '241, "A1



wd: 3.61023 pt ht: 7.49817 pt dp: 2.49939 pt

Char code: 162, '242, "A2



wd: 4.99878 pt ht: 5.2302 pt dp: 0.97198 pt

Char code: 163, '243, "A3



wd: 6.38733 pt ht: 6.8872 pt

Char code: 164, '244, "A4



wd: 7.36473 pt ht: 5.53438 pt

Char code: 165, '245, "A5



 $\begin{array}{ll} \text{wd:} & 7.49817\,\text{pt} \\ \text{ht:} & 6.8872\,\text{pt} \\ \text{ic:} & 0.24994\,\text{pt} \end{array}$ 

Char code: 166, '246, "A6



wd: 1.66626 pt ht: 7.49817 pt dp: 2.49939 pt

Char code: 167, '247, "A7



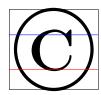
wd: 4.44336 pt ht: 6.8872 pt dp: 1.94397 pt

Char code: 168, '250, "A8



 $\begin{array}{ll} wd: & 4.99878\,\mathrm{pt} \\ ht: & 6.67696\,\mathrm{pt} \end{array}$ 

Char code: 169, '251, "A9



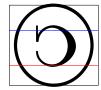
wd: 11.1084 pt ht: 7.49817 pt dp: 2.49939 pt

Char code: 170, '252, "AA



wd: 4.44336 pt ht: 7.49817 pt

Char code: 171, '253, "AB



wd: 11.1084 pt ht: 7.49817 pt dp: 2.49939 pt

Char code: 172, '254, "AC



wd: 6.66504 pt ht: 4.37393 pt

Char code: 173, '255, "AD



wd: 11.1084 pt ht: 7.49817 pt dp: 2.49939 pt

Char code: 174, '256, "AE



wd: 11.1084 pt ht: 7.49817 pt dp: 2.49939 pt

Char code: 175, '257, "AF



 $\begin{array}{ll} {\rm wd:} & 7.77588\,{\rm pt} \\ {\rm ht:} & 6.8872\,{\rm pt} \end{array}$ 

Char code: 176, '260, "B0



wd: 3.33252 pt ht: 6.8872 pt

Char code: 177, '261, "B1



wd: 7.77588 ptht: 5.83191 ptdp: 0.83313 pt

Char code: 178, '262, "B2



wd: 4.44336 pt ht: 7.49817 pt

Char code: 179, '263, "B3



 $\begin{array}{ll} \mathrm{wd} \colon & 4.44336\,\mathrm{pt} \\ \mathrm{ht} \colon & 7.49817\,\mathrm{pt} \end{array}$ 

Char code: 180, '264, "B4



wd: 4.99878 pt ht: 6.8872 pt

Char code: 181, '265, "B5



wd: 5.5542 ptht: 4.37393 ptdp: 1.94397 pt

Char code: 182, '266, "B6



wd: 6.10962 pt ht: 6.8872 pt dp: 1.94397 pt

Char code: 183, '267, "B7

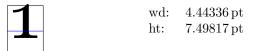


wd: 2.7771 pt ht: 4.37393 pt

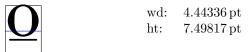
Char code: 184, '270, "B8



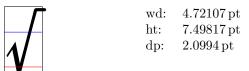
Char code: 185, '271, "B9



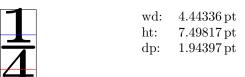
Char code: 186, '272, "BA



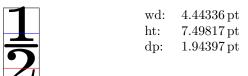
Char code: 187, '273, "BB



Char code: 188, '274, "BC



Char code: 189, '275, "BD



Char code: 190, '276, "BE



wd: 4.44336 ptht: 7.49817 ptdp: 1.94397 pt

Char code: 191, '277, "BF



wd: 7.77588 pt ht: 6.8872 pt

Char code: 214, 326, "D6



 $\begin{array}{ll} wd: & 7.77588\,\mathrm{pt} \\ ht: & 5.83191\,\mathrm{pt} \\ dp: & 0.83313\,\mathrm{pt} \end{array}$ 

Char code: 246, '366, "F6



wd: 7.77588 ptht: 5.83191 ptdp: 0.83313 pt

## TFM tables

<b>Wi</b>	${f dths}$	119)	25 7.8453 pt (1) 26 9.16443 pt (1)	<b>Depths</b> 1 -1.33089 pt (4)
1	0.0 pt (	(2)	27  9.44214  pt  (1)	$\begin{array}{ccc} 1 & 1.05005 & pt & (4) \\ 2 & -0.55542 & pt & (2) \end{array}$
2	1.66626 pt	(2)	28  9.99756  pt  (3)	$3 - 0.34714 \mathrm{pt}$ (4)
3	2.7771 pt	(7)	$29\ 10.27527 \mathrm{pt}$ (1)	0 0.0 pt (186)
4	$3.05481  \mathrm{pt}$	(1)	30  11.1084  pt  (5)	4  0.26384  pt  (1)
5	$3.33252  \mathrm{pt}$	(3)	$31\ 11.66382 \mathrm{pt}$ (1)	5  0.55542  pt  (7)
6	$3.61023  \mathrm{pt}$	(2)	$32\ 15.12593 \mathrm{pt}$ (1)	6  0.83313  pt  (4)
7	$3.88794  \mathrm{pt}$	(3)		7 0.97198  pt  (2)
8	$4.0268{ m pt}$	(2)	${f Heights}$	8 1.70097 pt (1)
9	4.44336 pt	(12)	0 0.0 pt (121)	9 1.94397 pt (21)
10	$4.72107  \mathrm{pt}$	(4)	1  1.0553  pt  (4)	10  2.0994  pt  (1)
11	$4.99878\mathrm{pt}$	(42)	2 1.22986 pt (1)	11  2.49939  pt  (14)
12	$5.5542\mathrm{pt}$	(3)	3 3.66788 pt (4)	
13	$6.10962\mathrm{pt}$	(6)	4 4.37393 pt (15)	Kerns
14	$6.29472\mathrm{pt}$	(1)	5 4.65164 pt (4)	
15	$6.38733{ m pt}$	(0)		
16		(2)		Italic corrections
10	$6.66504\mathrm{pt}$	(2) (4)	6  4.99878  pt  (1)	
17	$6.66504\mathrm{pt} \\ 6.76224\mathrm{pt}$	(4) (1)	6 4.99878 pt (1) 7 5.2302 pt (3)	$0   0.0  \mathrm{pt} \ (235)$
17 18	6.76224 pt 6.94275 pt	(4) (1) (1)	6 4.99878 pt (1) 7 5.2302 pt (3) 8 5.53438 pt (1)	$\begin{array}{ccc} 0 & 0.0\mathrm{pt}\ (235) \\ 1 & 0.13885\mathrm{pt} & (1) \end{array}$
17	6.76224 pt 6.94275 pt 7.0816 pt	(4) (1) (1) (1)	6 4.99878 pt (1) 7 5.2302 pt (3) 8 5.53438 pt (1) 9 5.83191 pt (4)	$\begin{array}{ccc} 0 & 0.0\mathrm{pt}\ (235) \\ 1 & 0.13885\mathrm{pt} & (1) \\ 2 & 0.1523\mathrm{pt} & (1) \end{array}$
17 18 19 20	6.76224 pt 6.94275 pt 7.0816 pt 7.22046 pt	(4) (1) (1) (1) (3)	6 4.99878 pt (1) 7 5.2302 pt (3) 8 5.53438 pt (1) 9 5.83191 pt (4) 10 6.06004 pt (5)	0 0.0 pt (235) 1 0.13885 pt (1) 2 0.1523 pt (1) 3 0.24994 pt (1)
17 18 19 20 21	6.76224 pt 6.94275 pt 7.0816 pt 7.22046 pt 7.35931 pt	(4) (1) (1) (1) (3) (1)	6 4.99878 pt (1) 7 5.2302 pt (3) 8 5.53438 pt (1) 9 5.83191 pt (4) 10 6.06004 pt (5) 11 6.4151 pt (9)	0 0.0 pt (235) 1 0.13885 pt (1) 2 0.1523 pt (1) 3 0.24994 pt (1) 4 0.27771 pt (2)
17 18 19 20 21 22	6.76224 pt 6.94275 pt 7.0816 pt 7.22046 pt 7.35931 pt 7.36473 pt	(4) (1) (1) (1) (3) (1) (1)	6 4.99878 pt (1) 7 5.2302 pt (3) 8 5.53438 pt (1) 9 5.83191 pt (4) 10 6.06004 pt (5) 11 6.4151 pt (9) 12 6.67696 pt (1)	0 0.0 pt (235) 1 0.13885 pt (1) 2 0.1523 pt (1) 3 0.24994 pt (1) 4 0.27771 pt (2) 5 0.77759 pt (1)
17 18 19 20 21	6.76224 pt 6.94275 pt 7.0816 pt 7.22046 pt 7.35931 pt	(4) (1) (1) (1) (3) (1)	6 4.99878 pt (1) 7 5.2302 pt (3) 8 5.53438 pt (1) 9 5.83191 pt (4) 10 6.06004 pt (5) 11 6.4151 pt (9) 12 6.67696 pt (1)	0 0.0 pt (235) 1 0.13885 pt (1) 2 0.1523 pt (1) 3 0.24994 pt (1) 4 0.27771 pt (2)