

## CollinsPDF Symbol Character Set

- <sup>1</sup> pdf.encoded = true (default), substitute vertical bared name with symbol
- <sup>1</sup> First Character of Greek Alphabet is Case Sensitive
- <sup>1</sup> Blanks are ignored in keywords "not subset" same as "notsubset"
- <sup>1</sup> Some Characters are identical with different spelling, like "P" "PART" and "PARTIAL"
- <sup>1</sup> Also use: |Axxx| xxx = octal characters 0 to 377, A = "C", "H", "T", "S", "Z" char sets see: Pages 2-6  
(C = Courier, H = Halvetica, T = Times Roman, S = Symbols, Z = ZapfDingbat) example |Z42| = "

alpha	a	Alpha	A	f1/2  (any fraction)	$\frac{1}{2}$	!anything  (not)	<u>anything</u>
beta	b	Beta	B	B ^3  (superscript)	B <sup>3</sup>	_anything  (underline)	<u>anything</u>
chi	c	Chi	C	B vi  (subscript)	B <sub>i</sub>	\anything  (skew -25)	<i>anything</i>
delta	d	Delta	D	B ss3,i  (super , sub)	B <sub>i</sub> <sup>3</sup>	/anything  (skew +25)	<i>anything</i>
epsilon	e	Epsilon	E	exists	\$	#anything  (stroke)	<del>anything</del>
gamma	g	Gamma	G	there exists	\$	@anything  (stroke/fill)	<b>anything</b>
eta	h	Eta	H	implies	⊃	+3anything  (space 0-9)	a n y t h i n g
iota	i	Iota	I	b implies a	∪	congruent	◦
phi	j	Phi	J	iff	∩	p	¶
kappa	k	Kappa	K	if and only if	∩	part	¶
lambda	l	Lambda	L	subset	⊂	partial	¶
mn	m	Mn	M	not subset	⊄	about	»
nu	n	Nu	N	subset or equal	⊆	about equal	@
omicron	o	Omicron	O	superset	⊇	product	⊗
pi	p	Pi	P	superset or equal	⊇	cross	×
rho	q	Rho	Q	f	⊥	contradiction	⊘
thata	r	Thata	R	union	∪	tm	⊖
sigma	s	Sigma	S	nabla	∇	r	⊙
tau	t	Tau	T	angle	∠	c	⊙
upsilon	u	Upsilon	U	qed	∎	heart	♥
psi	v	Psi	V	not	∅	club	♣
omega	w	Omega	W	and	∩	spade	♠
xi	x	Xi	X	or	∪	diamond	♦
psi	v	Psi	V	xor	⊕	dot	·
zeta	z	Zeta	Z	tensor	⊗	It	<
				because	\	gt	>
				therefore	\	le	£
				intersect	∩	ge	3
				intersect or equal	∩	div	÷
				i	∞	ne	1
				infinity	∞	plus	+
				member	∩	+	+
				not member	∩	-	-
				empty	∅	*	*
				empty set	∅	/	÷
				sum	∑	bar	
				deg	°		
				+-	±		

# PDF Font ZapfDingbats

Z0	Z1	Z2	Z3	Z4	Z5	Z6	Z7	Z10	Z11	
Z12	Z13	Z14	Z15	Z16	Z17	Z20	Z21	Z22	Z23	
Z24	Z25	Z26	Z27	Z30	Z31	Z32	Z33	Z34	Z35	
Z36	Z37	Z40	Z41	!	"	#	\$	%	&	'
Z50	(	)	*	+	,	-	.	/	0	1
Z62	2	3	4	5	6	7	8	9	:	;
Z74	<	=	>	?	@	A	B	C	D	E
Z106	F	G	H	I	J	K	L	M	N	O
Z120	P	Q	R	S	T	U	V	W	X	Y
Z132	Z	[	\	]	^	_	`	a	b	c
Z144	d	e	f	g	h	i	j	k	l	m
Z156	n	o	p	q	r	s	t	u	v	w
Z170	x	y	z	{		}	~	•	€	•
Z202	,	f	”	...	†	‡	^	‰	Š	‹
Z214	Œ	•	Ž	•	•	‘	’	“	”	•
Z226	—	—	~	™	š	›	œ	•	ž	ÿ
Z240		ı	¢	£	¤	¥	¦	§	¨	©
Z252	ª	«	¬	-	®	¯	°	±	²	³
Z264	´	µ	¶	·	¸	¹	º	»	¼	½
Z276	¾	¿	À	Á	Â	Ã	Ä	Å	Æ	Ç
Z310	È	É	Ê	Ë	Ì	Í	Î	Ï	Ð	Ñ
Z322	Ò	Ó	Ô	Õ	Ö	×	Ø	Ù	Ú	Û
Z334	Ü	Ý	Þ	ß	à	á	â	ã	ä	å
Z346	æ	ç	è	é	ê	ë	ì	í	î	ï
Z360	ð	ñ	ò	ó	ô	õ	ö	÷	ø	ù
Z372	ú	û	ü	ý	þ	ÿ				

# PDF Font Symbol

S0	S1	S2	S3	S4	S5	S6	S7	S10	S11	
S12	S13	S14	S15	S16	S17	S20	S21	S22	S23	
S24	S25	S26	S27	S30	S31	S32	S33	S34	S35	
S36	S37	S40	S41	!	"	#	\$	%	&	'
S50	(	)	*	+	,	-	.	/	0	1
S62	2	3	4	5	6	7	8	9	:	;
S74	<	=	>	?	@	A	B	C	D	E
S106	F	G	H	I	J	K	L	M	N	O
S120	P	Q	R	S	T	U	V	W	X	Y
S132	Z	[	\	]	^	_	`	a	b	c
S144	d	e	f	g	h	i	j	k	l	m
S156	n	o	p	q	r	s	t	u	v	w
S170	x	y	z	{		}	~	•	€	•
S202	,	f	"	...	†	‡	^	‰	Š	<
S214	€	•	Ž	•	•	,	,	"	"	•
S226	-	-	~	™	š	>	œ	•	ž	ÿ
S240		i	↕	£	¤	¥		§	..	©
S252	a	«	¬	-	®	-	o	±	2	3
S264	´	µ	¶	•	•	1	o	»	¼	½
S276	¾	¿	À	Á	Â	Ã	Ä	Å	Æ	Ç
S310	È	É	Ê	Ë	Ì	Í	Î	Ï	Ð	Ñ
S322	Ò	Ó	Ô	Õ	Ö	×	Ø	Ù	Ú	Û
S334	Ü	Ý	Þ	ß	à	á	â	ã	ä	å
S346	æ	ç	è	é	ê	ë	ì	í	î	ï
S360	ð	ñ	ò	ó	ô	õ	ö	÷	ø	ù
S372	ú	û	ü	ý	þ	ÿ				

PDF Font Times Roman

T0	T1	T2	T3	T4	T5	T6	T7	T10	T11										
T12	T13	T14	T15	T16	T17	T20	T21	T22	T23										
T24	T25	T26	T27	T30	T31	T32	T33	T34	T35										
T36	T37	T40	T41	!	T42	"	T43	#	T44	\$	T45	%	T46	&	T47	'			
T50	(	T51	)	T52	*	T53	+	T54	,	T55	-	T56	.	T57	/	T60	0	T61	1
T62	2	T63	3	T64	4	T65	5	T66	6	T67	7	T70	8	T71	9	T72	:	T73	;
T74	<	T75	=	T76	>	T77	?	T100	@	T101	A	T102	B	T103	C	T104	D	T105	E
T106	F	T107	G	T110	H	T111	I	T112	J	T113	K	T114	L	T115	M	T116	N	T117	O
T120	P	T121	Q	T122	R	T123	S	T124	T	T125	U	T126	V	T127	W	T130	X	T131	Y
T132	Z	T133	[	T134	\	T135	]	T136	^	T137	_	T140	`	T141	a	T142	b	T143	c
T144	d	T145	e	T146	f	T147	g	T150	h	T151	i	T152	j	T153	k	T154	l	T155	m
T156	n	T157	o	T160	p	T161	q	T162	r	T163	s	T164	t	T165	u	T166	v	T167	w
T170	x	T171	y	T172	z	T173	{	T174		T175	}	T176	~	T177	•	T200	€	T201	•
T202	,	T203	f	T204	„	T205	...	T206	†	T207	‡	T210	^	T211	‰	T212	Š	T213	<
T214	Œ	T215	•	T216	Ž	T217	•	T220	•	T221	•	T222	•	T223	“	T224	”	T225	•
T226	—	T227	—	T230	~	T231	™	T232	š	T233	>	T234	œ	T235	•	T236	ž	T237	ÿ
T240		T241	ı	T242	ç	T243	£	T244	¤	T245	¥	T246	¦	T247	§	T250	¨	T251	©
T252	ª	T253	«	T254	¬	T255	-	T256	®	T257	-	T260	°	T261	±	T262	²	T263	³
T264	´	T265	µ	T266	¶	T267	·	T270		T271	ı	T272	°	T273	»	T274	¼	T275	½
T276	¾	T277	ı	T300	À	T301	Á	T302	Â	T303	Ã	T304	Ä	T305	Å	T306	Æ	T307	Ç
T310	È	T311	É	T312	Ê	T313	Ë	T314	Ì	T315	Í	T316	Î	T317	Ï	T320	Ð	T321	Ñ
T322	Ò	T323	Ó	T324	Ô	T325	Õ	T326	Ö	T327	×	T330	Ø	T331	Ù	T332	Ú	T333	Û
T334	Ü	T335	Ý	T336	Þ	T337	ß	T340	à	T341	á	T342	â	T343	ã	T344	ä	T345	å
T346	æ	T347	ç	T350	è	T351	é	T352	ê	T353	ë	T354	ì	T355	í	T356	î	T357	ï
T360	ð	T361	ñ	T362	ò	T363	ó	T364	ô	T365	õ	T366	ö	T367	÷	T370	ø	T371	ù
T372	ú	T373	û	T374	ü	T375	ý	T376	þ	T377	ÿ								

PDF Font Helvetica

H0	H1	H2	H3	H4	H5	H6	H7	H10	H11										
H12	H13	H14	H15	H16	H17	H20	H21	H22	H23										
H24	H25	H26	H27	H30	H31	H32	H33	H34	H35										
H36	H37	H40	H41	!	"	#	\$	%	&	'									
H50	(	)	*	+	,	-	.	/	0	1									
H62	2	3	4	5	6	7	8	9	:	;									
H74	<	=	>	?	@	A	B	C	D	E									
H106	F	H107	G	H110	H	H111	I	H112	J	H113	K	H114	L	H115	M	H116	N	H117	O
H120	P	H121	Q	H122	R	H123	S	H124	T	H125	U	H126	V	H127	W	H130	X	H131	Y
H132	Z	H133	[	H134	\	H135	]	H136	^	H137	_	H140	`	H141	a	H142	b	H143	c
H144	d	H145	e	H146	f	H147	g	H150	h	H151	i	H152	j	H153	k	H154	l	H155	m
H156	n	H157	o	H160	p	H161	q	H162	r	H163	s	H164	t	H165	u	H166	v	H167	w
H170	x	H171	y	H172	z	H173	{	H174		H175	}	H176	~	H177	•	H200	€	H201	•
H202	,	H203	f	H204	”	H205	...	H206	†	H207	‡	H210	^	H211	‰	H212	Š	H213	‹
H214	Œ	H215	•	H216	Ž	H217	•	H220	•	H221	‘	H222	’	H223	“	H224	”	H225	•
H226	–	H227	—	H230	~	H231	™	H232	š	H233	›	H234	œ	H235	•	H236	ž	H237	ÿ
H240		H241	ı	H242	ç	H243	£	H244	¤	H245	¥	H246	¦	H247	§	H250	¨	H251	©
H252	ª	H253	«	H254	¬	H255	-	H256	®	H257	-	H260	°	H261	±	H262	²	H263	³
H264	´	H265	µ	H266	¶	H267	·	H270	¸	H271	¹	H272	º	H273	»	H274	¼	H275	½
H276	¾	H277	¿	H300	À	H301	Á	H302	Â	H303	Ã	H304	Ä	H305	Å	H306	Æ	H307	Ç
H310	È	H311	É	H312	Ê	H313	Ë	H314	Ì	H315	Í	H316	Î	H317	Ï	H320	Ð	H321	Ñ
H322	Ò	H323	Ó	H324	Ô	H325	Õ	H326	Ö	H327	×	H330	Ø	H331	Ù	H332	Ú	H333	Û
H334	Ü	H335	Ý	H336	Þ	H337	ß	H340	à	H341	á	H342	â	H343	ã	H344	ä	H345	å
H346	æ	H347	ç	H350	è	H351	é	H352	ê	H353	ë	H354	ì	H355	í	H356	î	H357	ï
H360	ð	H361	ñ	H362	ò	H363	ó	H364	ô	H365	õ	H366	ö	H367	÷	H370	ø	H371	ù
H372	ú	H373	û	H374	ü	H375	ý	H376	þ	H377	ÿ								

PDF Font Courier

C0	C1	C2	C3	C4	C5	C6	C7	C10	C11	
C12	C13	C14	C15	C16	C17	C20	C21	C22	C23	
C24	C25	C26	C27	C30	C31	C32	C33	C34	C35	
C36	C37	C40	C41	!	"	#	\$	%	&	'
C50	(	)	*	+	,	-	.	/	0	1
C62	2	3	4	5	6	7	8	9	:	;
C74	<	=	>	?	@	A	B	C	D	E
C106	F	G	H	I	J	K	L	M	N	O
C120	P	Q	R	S	T	U	V	W	X	Y
C132	Z	[	\	]	^	_	`	a	b	c
C144	d	e	f	g	h	i	j	k	l	m
C156	n	o	p	q	r	s	t	u	v	w
C170	x	y	z	{		}	~	•	€	•
C202	,	f	"	...	†	‡	^	%	Š	<
C214	€	•	Ž	•	•	,	,	"	"	•
C226	-	-	~	™	š	>	œ	•	ž	ÿ
C240		i	ç	£	¤	¥		§	¨	©
C252	a	«	¬	-	®	-	o	±	²	³
C264	´	µ	¶	•	,	ı	o	»	¼	½
C276	¾	¿	À	Á	Â	Ã	Ä	Å	Æ	Ç
C310	È	É	Ê	Ë	Ì	Í	Î	Ï	Ð	Ñ
C322	Ò	Ó	Ô	Õ	Ö	×	Ø	Ù	Ú	Û
C334	Ü	Ý	Þ	ß	à	á	â	ã	ä	å
C346	æ	ç	è	é	ê	ë	ì	í	î	ï
C360	ð	ñ	ò	ó	ô	õ	ö	÷	ø	ù
C372	ú	û	ü	ý	þ	ÿ				