Supplemental Arrows-B

Range: 2900-297F

This file contains an excerpt from the character code tables and list of character names for *The Unicode Standard. Version 17.0*

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See https://www.unicode.org/errata/ for an up-to-date list of errata.

See https://www.unicode.org/charts/ for access to a complete list of the latest character code charts. See https://www.unicode.org/charts/PDF/Unicode-17.0/ for charts showing only the characters added in Unicode 17.0. See https://www.unicode.org/Public/17.0.0/charts/ for a complete archived file of character code charts for Unicode 17.0. See https://www.unicode.org/charts/About.html#Conventions for conventions used in these code charts, and other general information.

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These charts are provided as the online reference to the character contents of the Unicode Standard, Version 17.0 but do not provide all the information needed to fully support individual scripts using the Unicode Standard. For a complete understanding of the use of the characters contained in this file, please consult the appropriate sections of The Unicode Standard, Version 17.0, online at https://www.unicode.org/versions/Unicode17.0.0/, as well as the Unicode Standard Annexes, the other Unicode Technical Reports and Standards, and the Unicode Character Database, which are available online.

See https://www.unicode.org/ucd/ and https://www.unicode.org/reports/

A thorough understanding of the information contained in these additional sources is required for a successful implementation.

Fonts

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	290	291	292	293	294	295	296	297
0	- >> 2900	> >>	→	2930	2940	2950	1 2960	2970
1	11>>> 2901	2911	2921	2931	2941	1 2951	T 2961	=> 2971
2	2902	7 2912	2922	2932	2942	2952	2962	<u>~</u> →
3	2903	2913	2923	→ 2933	← 2943	2953	11	← 2973
4	2904	2914	2924	→ 2934	→ 2944	2954	2964	~ → 2974
5	2905	> > 2915	2925	2935	+ 2945	2955	2965	≈ ≥975
6	2906	>	2926	2936	+ 2946	2956	2966	2976
7	2907	> 1>>	2927	2937	×> 2947	2957	2967	← 2977
8	‡ 2908	> >> 2918	2928) 2938	←→ 2948	<u>T</u>	2968	→ 2978
9	‡	2919	2929	(2949	<u>1</u>	2969	→ 2979
Α	1 290A	> <u></u>	292A	293A	294A	295A	<u>∠</u> 296A	← 297A
В	₩ 290B	─	292B	293B	294B	295B	296B	→ 297B
С	← − 290C	≫	292C	293C	294C		296C	{ —
D	-→ 290D	◆ ← 291D	292D	293D	1 294D	7 295D	296D	 }
E	← 290E	→ ◆ 291E	292E	293E	294E	295E	1L 296E	↑ 297E
F	> 290F	◆ ←	292F	93F	294F	295F	296F	J 297F

Misce	llan	eous arrows	2917	>+>>	RIGHTWARDS TWO-HEADED ARROW WITH
2900		RIGHTWARDS TWO-HEADED ARROW WITH			TAIL WITH VERTICAL STROKE
		VERTICAL STROKE			= z notation surjective injection → 2B3C
		= z notation partial surjection → 2B34 ← leftwards two-headed arrow with			with vertical stroke
		vertical stroke	2918	} >	RIGHTWARDS TWO-HEADED ARROW WITH
2901	 >	RIGHTWARDS TWO-HEADED ARROW WITH			TAIL WITH DOUBLE VERTICAL STROKE = z notation finite surjective injection
		DOUBLE VERTICAL STROKE			→ 2B3D leftwards two-headed arrow with tail
		= z notation finite surjection → 2B35			with double vertical stroke
		double vertical stroke	Arrov	v tail	s
2902	#	LEFTWARDS DOUBLE ARROW WITH VERTICAL	2919	\prec	LEFTWARDS ARROW-TAIL
2903	⇒	STROKE RIGHTWARDS DOUBLE ARROW WITH VERTICAL	291A	\succ	
2303	+-/	STROKE	291B		LEFTWARDS DOUBLE ARROW-TAIL
2904	#	LEFT RIGHT DOUBLE ARROW WITH VERTICAL	291C	» —	
2005		STROKE			eous arrows
2905	₩	RIGHTWARDS TWO-HEADED ARROW FROM BAR	291D 291E		LEFTWARDS ARROW TO BLACK DIAMOND
		= maps to	291E	→• •←	RIGHTWARDS ARROW TO BLACK DIAMOND LEFTWARDS ARROW FROM BAR TO BLACK
		→ 2B36 ← leftwards two-headed arrow from bar	2011		DIAMOND
2906	\Leftrightarrow	LEFTWARDS DOUBLE ARROW FROM BAR = maps from	2920	→•	RIGHTWARDS ARROW FROM BAR TO BLACK
		\rightarrow 27FB \leftarrow long leftwards arrow from bar	2921	κ.	DIAMOND NORTH WEST AND SOUTH EAST ARROW
2907	\Rightarrow	RIGHTWARDS DOUBLE ARROW FROM BAR	2922	\ \!\!	NORTH WEST AND SOUTH EAST ARROW NORTH EAST AND SOUTH WEST ARROW
		= maps to	2923	5	NORTH WEST ARROW WITH HOOK
2908	ŧ	→ 27FC → long rightwards arrow from bar DOWNWARDS ARROW WITH HORIZONTAL	2924	7	NORTH EAST ARROW WITH HOOK
2300	\	STROKE	2925	7	SOUTH EAST ARROW WITH HOOK
2909		UPWARDS ARROW WITH HORIZONTAL STROKE	2926	2	SOUTH WEST ARROW WITH HOOK
290A	⇑	UPWARDS TRIPLE ARROW		ing a	arrows for knot theory
		→ 21D1 ↑ upwards double arrow	2927	X	NORTH WEST ARROW AND NORTH EAST ARROW
290B	₩	→ 27F0 1↑ upwards quadruple arrow DOWNWARDS TRIPLE ARROW	2928	X	NORTH EAST ARROW AND SOUTH EAST
	*	→ 21D3 \$\psi\$ downwards double arrow		/ 3	ARROW
		→ 27F1 ₩ downwards quadruple arrow	2929	X	
290C	←-	LEFTWARDS DOUBLE DASH ARROW	292A	×	ARROW SOUTH WEST ARROW AND NORTH WEST
290D 290E	-→ +	RIGHTWARDS DOUBLE DASH ARROW LEFTWARDS TRIPLE DASH ARROW	LOLI	Z \	ARROW
290F	>	RIGHTWARDS TRIPLE DASH ARROW	292B	X	RISING DIAGONAL CROSSING FALLING
2910	> »	RIGHTWARDS TWO-HEADED TRIPLE DASH	292C	×	DIAGONAL FALLING DIAGONAL CROSSING RISING
		ARROW	2320	\wedge	DIAGONAL CROSSING RISING
		→ 2B37 *- ≺ leftwards two-headed triple dash arrow			→ 26CC X crossing lanes
2911		RIGHTWARDS ARROW WITH DOTTED STEM	292D	X	SOUTH EAST ARROW CROSSING NORTH EAST
		$ ightarrow$ 2B38 \leftarrow leftwards arrow with dotted stem	292E	X	ARROW NORTH EAST ARROW CROSSING SOUTH EAST
2912	↑	UPWARDS ARROW TO BAR	LULL	/ 3	ARROW
2913 2914	↓ > →	DOWNWARDS ARROW TO BAR RIGHTWARDS ARROW WITH TAIL WITH	292F	X	FALLING DIAGONAL CROSSING NORTH EAST
2317	/17	VERTICAL STROKE	2930	V	ARROW RISING DIAGONAL CROSSING SOUTH EAST
		= z notation partial injection	2300	/1	ARROW
		→ 2B39 ↔ leftwards arrow with tail with vertical stroke	2931	X	
2915	/ >	RIGHTWARDS ARROW WITH TAIL WITH	2932	KΖ	ARROW NORTH WEST ARROW CROSSING NORTH EAST
		DOUBLE VERTICAL STROKE	2932	X	ARROW
		= z notation finite injection	Misce	llan	eous curved arrows
		→ 2B3A ← leftwards arrow with tail with double vertical stroke	2933		WAVE ARROW POINTING DIRECTLY RIGHT
2916	>	RIGHTWARDS TWO-HEADED ARROW WITH			→ 219D → rightwards wave arrow
		TAIL - bijective manning			→ 2B3F ← wave arrow pointing directly left
		= bijective mapping= z notation bijection	2934	♪	ARROW POINTING RIGHTWARDS THEN CURVING UPWARDS
		→ 2B3B « leftwards two-headed arrow with tail	2935	→	ARROW POINTING RIGHTWARDS THEN
					CURVING DOWNWARDS

CURVING LEFTWARDS ARROW POINTING DOWNWARDS THEN CURVING RIGHTWARDS 2938	2937 2938 2939 293A 293B 293C 293D	· }	CURVING LEFTWARDS ARROW POINTING DOWNWARDS THEN		Ţ	DOWNWARDS HARPOON WITH BARB RIGHT FROM BAR
293	2938 2939 293A 293B 293C 293D	2	ARROW POINTING DOWNWARDS THEN	2055		
2939	2939 293A 293B 293C 293D	-	CURVING RIGHTWARDS	295E	\leftarrow	LEFTWARDS HARPOON WITH BARB DOWN
2939 → TOP ARC ANTICLOCKWISE ARROW 2930 → TOP ARC CLOCKWISE ARROW WITH MINUS 2930 → TOP ARC CLOCKWISE ARROW WITH MINUS 2931 → LOWER RIGHT SEMICIRCULAR CLOCKWISE 2932 ← LOWER LEFT SEMICIRCULAR ANTICLOCKWISE 2935 ← LOWER LEFT SEMICIRCULAR ANTICLOCKWISE 2936 → TOP ARC ANTICLOCKWISE ARROW 2940 ← ANTICLOCKWISE CLOSED CIRCLE ARROW 2940 ← ANTICLOCKWISE CLOSED CIRCLE ARROW 2940 ← 2009 ⊕ combining anticlockwise ring overlay 2941 ← CLOCKWISE CLOSED CIRCLE ARROW 2942 ← RIGHTWARDS ARROW ABOVE SHORT 2943 ← LEFT WARDS ARROW ABOVE SHORT 2944 ← SHORT RIGHTWARDS ARROW ABOVE SHORT 2945 ← RIGHTWARDS ARROW WITH PLUS BELOW 2946 ← LEFTWARDS ARROW WITH PLUS BELOW 2947 ← RIGHTWARDS ARROW WITH PLUS BELOW 2948 ← LEFT BARB UP RIGHT BARB UP HARPOON 2949 ♠ UPWARDS THOW HAPPOON 2940 ← LEFT BARB UP RIGHT BARB DOWN HARPOON 2941 ← LEFT BARB UP RIGHT BARB DOWN HARPOON 2942 ← LEFT BARB UP RIGHT BARB UP HARPOON 2945 ← RIGHTWARDS ARROW BARD LEFT HARPOON 2946 ← LEFT BARB UP RIGHT BARB UP HARPOON 2947 ← LEFT BARB UP RIGHT BARB UP HARPOON 2948 ← LEFT BARB UP RIGHT BARB UP HARPOON 2949 ♠ UPWARDS THOWN BARB RIGHT HARPOON 2940 ← LEFT BARB UP RIGHT BARB DOWN HARPOON 2941 ← LEFT BARB UP RIGHT BARB UP HARPOON 2942 ← LEFT BARB UP RIGHT BARB DOWN HARPOON 2944 ← LEFT BARB UP RIGHT BARB UP HARPOON 2945 ← LEFT BARB UP RIGHT BARB UP HARPOON 2946 ← LEFT BARB UP RIGHT BARB UP HARPOON 2947 ← LEFT BARB UP RIGHT BARB UP HARPOON 2948 ← LEFT BARB UP RIGHT BARB UP HARPOON 2949 ← LEFT BARB UP RIGHT BARB DOWN HARPOON 2940 ← LEFT BARB UP RIGHT BARB UP HARPOON 2951 ← LEFT BARB UP RIGHT BARB UP HARPOON 2952 ← LEFTWARDS HARPOON WITH BARB BELOW LONG DASH 2956 ← LEFTWARDS HARPOON WITH BARB BELOW LONG DASH 2957 ← LEFTWARDS HARPOON WITH BARB BELOW LONG DASH 2958 ← LEFTWARDS HARPOON WITH BARB BELOW LONG DASH 2959 ← LEFTWARDS HARPOON WITH BARB BELOW LONG DASH 2960 ← LEFT BARB UP RIGHT BARB UP TO BAR 2961 ← LEFTWARDS HARPOON WITH BARB BELOW LONG DASH 2962 ← LEFTWARDS HARPOON WITH BARB BELOW LONG DASH 2963 ← LEFTWARDS HARPOON WITH BARB 2966 ← LEFTWARDS HARPOON WITH BARB 2967 ← LEFTW	293A 293B 293C 293D		RIGHT-SIDE ARC CLOCKWISE ARROW	295F	\vdash	RIGHTWARDS HARPOON WITH BARB DOWN
2930 → TOP ARC CLOCKWISE ARROW WITH MINUS 2930 → TOP ARC ANTICLOCKWISE ARROW WITH PLUS 2932 → LOWER RIGHT SEMICIRCULAR ANTICLOCKWISE ARROW 2935 ← LOWER LEFT SEMICIRCULAR ANTICLOCKWISE ARROW 2940 ← ANTICLOCKWISE CLOSED CIRCLE ARROW → 2009 ♠ combining anticlockwise ring overlay 2941 ← CLOCKWISE CLOSED CIRCLE ARROW → 2009 ♠ combining anticlockwise ring overlay 2942 ← RIGHTWARDS ARROW ABOVE SHORT LEFTWARDS ARROW ABOVE SHORT RIGHTWARDS ARROW ABOVE SHORT RIGHTWARDS ARROW ABOVE SHORT RIGHTWARDS ARROW ABOVE SHORT RIGHTWARDS ARROW WITH PLUS BELOW 2945 ← RIGHTWARDS ARROW WITH PLUS BELOW 2946 ← LEFTWARDS ARROW WITH PLUS BELOW 2947 ← RIGHTWARDS ARROW WITH PLUS BELOW 2948 ← LEFTWARDS ARROW THROUGH X → 2836 ← LEFTWARDS ARROW WITH PLUS BELOW 2948 ← LEFTWARDS ARROW THROUGH SMALL CIRCLE 2949 † UPWARDS TWO-HEADED ARROW FROM SMALL CIRCLE 2949 † UPWARDS TWO-HEADED ARROW FROM 2946 ← LEFT RIGHT ARROW THROUGH SMALL CIRCLE 2949 † UPWARDS TWO-HEADED ARROW FROM SMALL CIRCLE 2949 † UPWARDS TWO-HEADED ARROW FROM 2946 ← LEFTWARDS ARROW WITH PLUS BELOW 2947 ← RIGHTWARDS ARROW WITH PLUS BELOW 2948 ← LEFT RIGHT ARROW THROUGH SMALL CIRCLE 2949 † UPWARDS TWO-HEADED ARROW FROM 2940 ← LEFT BARB UP RIGHT BARB UP HARPOON 2941 ← UP BARB LEFT DOWN BARB RIGHT HARPOON 2942 ← LEFT BARB UP RIGHT BARB UP HARPOON 2944 ← LEFT BARB UP RIGHT BARB UP HARPOON 2945 ← LEFT WARDS HARPOON WITH BARB 2950 ← LEFTWARDS HARPOON WITH BARB BELOW LONG DASH 2951 ← LEFTWARDS HARPOON WITH BARB LEFT DOWN BARB RIGHT HARPOON 2952 ← LEFTWARDS HARPOON WITH BARB LEFT DOWN BARB RIGHT HARPOON 2952 ← LEFTWARDS HARPOON WITH BARB LEFT HARPOON 2954 ← LEFTWARDS HARPOON WITH BARB LEFT DOWN BARB RIGHT HARPOON 2955 ← LEFTWARDS HARPOON WITH BARB LEFT HARPOON 2956 ← LEFTWARDS HARPOON WITH BARB LEFT HARPOON 2957 ← LEFTWARDS HARPOON WITH BARB LEFT HARPOON 2958 ← LEFTWARDS HARPOON WITH BARB LEFT HARPOON 2959 ← LEFTWARDS HARPOON WITH BARB LEFT HARPOON 2950 ← LEFTWARDS HARPOON WITH BARB LEFT HARPOON 2951 ← LEFTWARDS HARPOON WITH BARB LEFT HARPOON 2952 ← LEFTWARDS HARPOON WITH BARB LEFT HARPOON 295	293C 293D	_		2960	1	UPWARDS HARPOON WITH BARB LEFT FROM
293E	293D			2961	1	DOWNWARDS HARPOON WITH BARB LEFT
ARROW 293F C. LOWER LEFT SEMICIRCULAR ANTICLOCKWISE ARROW 2940 △ ANTICLOCKWISE CLOSED CIRCLE ARROW 2941 ◇ CLOCKWISE CLOSED CIRCLE ARROW 2940 ↑ CLOCKWISE CLOSED CIRCLE ARROW 2941 ◇ CLOCKWISE CLOSED CIRCLE ARROW 2940 ↑ CLOCKWISE CLOSED CIRCLE ARROW 2940 ↑ CLOCKWISE CLOSED CIRCLE ARROW 2940 ↑ CLOCKWISE CLOSED CIRCLE ARROW 2941 ↑ CLOCKWISE CLOSED CIRCLE ARROW 2942 ↑ RIGHTWARDS ARROW ABOVE SHORT 2943 ↑ LEFTWARDS ARROW ABOVE SHORT 2943 ↑ LEFTWARDS ARROW ABOVE SHORT 2944 ↑ LEFTWARDS ARROW ABOVE SHORT 2945 ↑ RIGHTWARDS ARROW ABOVE SHORT 2946 ↑ LEFTWARDS ARROW ABOVE SHORT 2946 ↑ LEFTWARDS ARROW WITH PLUS BELOW 2947 ↑ RIGHTWARDS ARROW WITH PLUS BELOW 2948 ↑ RIGHTWARDS ARROW WITH PLUS BELOW 2948 ↑ LEFT RIGHT ARROW THROUGH X 2949 ↑ DIWARDS TWO-HEADED ARROW FROM 3MALL CIRCLE 2949 ↑ LEFT BARB UP RIGHT BARB UP HARPOON 2940 ↑ LEFT BARB UP RIGHT BARB UP HARPOON 2941 ↑ UP BARB LEFT DOWN BARB LEFT HARPOON 2942 ↑ LEFT BARB UP RIGHT BARB UP HARPOON 2944 ↑ LEFT BARB UP RIGHT BARB UP HARPOON 2945 ↑ LEFT BARB DOWN RIGHT BARB LEFT HARPOON 2946 ↑ LEFT BARB UP RIGHT BARB UP HARPOON 2947 ↑ LEFT BARB DOWN RIGHT BARB UP HARPOON 2948 ↑ LEFT BARB DOWN RIGHT BARB UP HARPOON 2949 ↑ LEFT BARB DOWN RIGHT BARB UP HARPOON 2940 ↑ LUP BARB RIGHT DOWN BARB LEFT HARPOON 2941 ↑ UP BARB LEFT DOWN BARB LEFT HARPOON 2942 ↑ LEFT BARB DOWN RIGHT BARB UP HARPOON 2945 ↑ LEFT BARB DOWN RIGHT BARB UP HARPOON 2946 ↑ LEFT BARB DOWN RIGHT BARB UP HARPOON 2947 ↑ LEFT BARB DOWN RIGHT BARB UP HARPOON 2948 ↑ LEFT BARB DOWN RIGHT BARB UP HARPOON 2949 ↑ LUP BARB RIGHT DOWN BARB LEFT HARPOON 2940 ↑ LUP BARB RIGHT DOWN BARB LEFT HARPOON 2941 ↑ UP BARB LEFT DOWN BARB RIGHT HARPOON 2942 ↑ LEFT BARB DOWN RIGHT BARB UP HARPOON 2945 ↑ LEFT BARB DOWN RIGHT BARB UP HARPOON 2946 ↑ LEFTWARDS HARPOON WITH BARB LEFT DOWN BARB RIGHT HARPOON 2947 ↑ LEFTWARDS HARPOON WITH BARB LEFT DOWN BARB RIGHT HARPOON 2948 ↑ LEFTWARDS HARPOON WITH BARB LEFT DOWN BARB RIGHT HARPOON 2949 ↑ LEFTWARDS HARPOON WITH BARB LEFT DOWN BARB RIGHT HARPOON 2950 ↑ LEFTWARDS HARPOON WITH BARB LEFT DOWN BARB RIGHT		F	TOP ARC ANTICLOCKWISE ARROW WITH PLUS			
293F C. LOWER LEFT SEMICIRCULAR ANTICLOCKWISE ARROW 2940 O ANTICLOCKWISE CLOSED CIRCLE ARROW → 20DA © combining anticlockwise ring overlay 2941 O CLOCKWISE CLOSED CIRCLE ARROW → 20D9 © combining anticlockwise ring overlay 2942 P. RIGHTWARDS ARROW ABOVE SHORT LEFTWARDS ARROW ABOVE SHORT RIGHTWARDS ARROW ABOVE LEFTWARDS ARROW ABOVE LEFTWARDS ARROW 2944 P. SHORT RIGHTWARDS ARROW ABOVE 2945 → RIGHTWARDS ARROW WITH PLUS BELOW 2946 LEFTWARDS ARROW WITH PLUS BELOW 2947 P. RIGHTWARDS ARROW WITH PLUS BELOW 2948 P. LEFT RIGHT ARROW THROUGH SMALL CIRCLE 2949 S. UPWARDS TWO-HEADED ARROW FROM 2940 DIPWARDS TWO-HEADED ARROW FROM 2941 P. UP BARB LEFT DOWN BARB LEFT HARPOON 2942 P. LEFT BARB DOWN RIGHT BARB UP HARPOON 2944 P. LEFT BARB UP RIGHT BARB UP HARPOON 2945 P. LEFT BARB DOWN RIGHT BARB UP HARPOON 2946 P. LEFT BARB DOWN RIGHT BARB UP HARPOON 2947 P. UP BARB RIGHT DOWN BARB LEFT HARPOON 2948 P. LEFT BARB DOWN RIGHT BARB UP HARPOON 2949 P. LEFT BARB DOWN RIGHT BARB UP HARPOON 2940 P. UP BARB RIGHT DOWN BARB RIGHT HARPOON 2941 P. UP BARB RIGHT DOWN BARB RIGHT HARPOON 2945 P. UP BARB RIGHT DOWN BARB RIGHT HARPOON 2950 P. LEFT BARB DOWN RIGHT BARB UP HARPOON 2951 1 UP BARB RIGHT DOWN BARB RIGHT HARPOON 2951 1 UP BARB RIGHT DOWN BARB RIGHT HARPOON 2952 P. LEFT BARB DOWN RIGHT BARB UP HARPOON 2953 P. RIGHTWARDS HARPOON WITH BARB BELOW LONG DASH 2954 P. LEFTWARDS HARPOON WITH BARB UP TO BAR 2955 P. DOWNWARDS HARPOON WITH BARB RIGHT TO BAR 2956 P. LEFTWARDS HARPOON WITH BARB RIGHT TO BAR 2957 A. RIGHTWARDS HARPOON WITH BARB BRIGHT TO BAR 2956 P. LEFTWARDS HARPOON WITH BARB BRIGHT TO BAR 2957 A. RIGHTWARDS HARPOON WITH BARB BRIGHT TO BAR 2958 P. LEFTWARDS HARPOON WITH BARB RIGHT TO BAR 2959 R. LEFTWARDS HARPOON WITH BARB BRIGHT TO BAR 2950 P. LEFTWARDS HARPOON WITH BARB RIGHT TO BAR 2951 P. DOWNWARDS HARPOON WITH BARB RIGHT TO BAR 2952 P. LEFTWARDS HARPOON WITH BARB RIGHT TO BAR 2954 P. LEFTWARDS HARPOON WITH BARB	293E	S				
2940	293F	G	LOWER LEFT SEMICIRCULAR ANTICLOCKWISE			LEFTWARDS HARPOON WITH BARB DOWN
2941	2940	Q	ANTICLOCKWISE CLOSED CIRCLE ARROW		1	UPWARDS HARPOON WITH BARB RIGHT
Arrows combined with operators 2942	2941	Ò		2964	\Rightarrow	RIGHTWARDS HARPOON WITH BARB UP ABOVE RIGHTWARDS HARPOON WITH BARB
APPROVE COMBINED WITH Operators 2942 → RIGHTWARDS ARROW ABOVE SHORT LEFTWARDS ARROW ABOVE SHORT RIGHTWARDS ARROW ABOVE SHORT RIGHTWARDS ARROW ABOVE SHORT RIGHTWARDS ARROW ABOVE SHORT RIGHTWARDS ARROW 2944 ← SHORT RIGHTWARDS ARROW ABOVE LEFTWARDS ARROW 2945 → RIGHTWARDS ARROW WITH PLUS BELOW 2946 ← LEFTWARDS ARROW WITH PLUS BELOW 2947 → RIGHTWARDS ARROW WITH PLUS BELOW 2948 ← LEFT RIGHT ARROW THROUGH X 2948 ← LEFT RIGHT ARROW THROUGH X 2949 ★ UPWARDS TWO-HEADED ARROW FROM SMALL CIRCLE 2949 ★ UPWARDS TWO-HEADED ARROW FROM SMALL CIRCLE 2940 ← LEFT BARB UP RIGHT BARB DOWN HARPOON 2944 ← LEFT BARB UP RIGHT BARB UP HARPOON 2945 ← LEFT BARB DOWN RIGHT BARB UP HARPOON 2946 ← LEFT BARB DOWN RIGHT BARB UP HARPOON 2947 ← LEFT BARB DOWN RIGHT BARB UP HARPOON 2948 ← LEFT BARB DOWN RIGHT BARB UP HARPOON 2940 ↑ UP BARB RIGHT DOWN BARB RIGHT HARPOON 2941 ← LEFT BARB DOWN RIGHT BARB UP HARPOON 2942 ← LEFT BARB DOWN RIGHT BARB UP HARPOON 2945 ← LEFT BARB DOWN RIGHT BARB UP HARPOON 2946 ← LEFT BARB DOWN RIGHT BARB UP HARPOON 2947 ← LEFT BARB DOWN RIGHT BARB UP HARPOON 2948 ← LEFT BARB DOWN RIGHT BARB UP HARPOON 2949 ↑ UP BARB RIGHT DOWN BARB RIGHT HARPOON 2940 ↑ UP BARB RIGHT DOWN BARB RIGHT HARPOON 2950 ← LEFT BARB DOWN RIGHT BARB UP HARPOON 2951 ↑ UP BARB LEFT DOWN BARB RIGHT HARPOON 2952 ← LEFT BARB DOWN RIGHT BARB UP TO BAR 2953 → RIGHTWARDS HARPOON WITH BARB UP TO BAR 2954 ↑ UPWARDS HARPOON WITH BARB UP TO BAR 2955 ↑ DOWNWARDS HARPOON WITH BARB UP TO BAR 2956 ← LEFTWARDS HARPOON WITH BARB RIGHT TO BAR 2957 → RIGHTWARDS HARPOON WITH BARB RIGHT TO BAR 2958 ← LEFTWARDS HARPOON WITH BARB DOWN TO BAR 2959 ← LEFTWARDS HARPOON WITH BARB DOWN TO BAR 2950 ← LEFTWARDS HARPOON WITH BARB DOWN TO BAR 2951 ← LEFTWARDS HARPOON WITH BARB DOWN TO BAR 2952 ← LEFTWARDS HARPOON WITH BARB DOWN TO BAR 2953 ← LEFTWARDS HARPOON WITH BARB DOWN TO BAR 2954 ← LEFTWARDS HARPOON WITH BARB DOWN TO BAR 2955 ← LEFTWARDS HARPOON WITH BARB DOWN TO BAR 2956 ← LEFTWARDS HARPOON WITH BARB DOWN TO BAR 2957 → RIGHTWARDS HARPOON WITH BARB DOWN TO BAR 2958 ← LEFT			→ 20D9 © combining clockwise ring overlay	0005		
2942 → RIGHTWARDS ARROW ABOVE SHORT LEFTWARDS ARROW ABOVE SHORT RIGHTWARDS ARROW ABOVE SHORT RIGHTWARDS ARROW ABOVE SHORT RIGHTWARDS ARROW ABOVE LEFTWARDS ARROW 2944 ← SHORT RIGHTWARDS ARROW ABOVE LEFTWARDS ARROW WITH PLUS BELOW 2945 → RIGHTWARDS ARROW WITH PLUS BELOW 2946 ← LEFTWARDS ARROW WITH PLUS BELOW 2947 → RIGHTWARDS ARROW WITH PLUS BELOW 2948 ← LEFTWARDS ARROW WITH PLUS BELOW 2948 ← LEFT RIGHT ARROW THROUGH X → 283 € ← LEFTWARDS ARROW WITH PLUS BELOW 2948 ← LEFT RIGHT ARROW THROUGH SMALL CIRCLE 2949	Arrov	ws co	mbined with operators	2965	₩	
2943			RIGHTWARDS ARROW ABOVE SHORT	2000		RIGHT
2944 ← SHORT RIGHTWARDS ARROW ABOVE LEFTWARDS ARROW WITH PLUS BELOW 2945 → RIGHTWARDS ARROW WITH PLUS BELOW 2946 ← LEFTWARDS ARROW WITH PLUS BELOW 2947 → RIGHTWARDS ARROW THROUGH X 2948 → LEFT RIGHT ARROW THROUGH SMALL CIRCLE 2949 ★ UPWARDS TWO-HEADED ARROW FROM SMALL CIRCLE 2949 ★ LEFT BARB UP RIGHT BARB DOWN HARPOON 294A ← LEFT BARB UP RIGHT BARB UP HARPOON 294A ← LEFT BARB DOWN RIGHT BARB UP HARPOON 294C ↓ UP BARB RIGHT DOWN BARB RIGHT HARPOON 294E ← LEFT BARB UP RIGHT BARB UP HARPOON 294E ← LEFT BARB UP RIGHT BARB UP HARPOON 294F ↓ UP BARB RIGHT DOWN BARB RIGHT HARPOON 2950 ← LEFTWARDS HARPOON WITH BARB UP HARPOON 2951 ↓ UP BARB RIGHT DOWN BARB RIGHT HARPOON 2952 ← LEFTWARDS HARPOON WITH BARB UP TO BAR 2953 ← RIGHTWARDS HARPOON WITH BARB UP TO BAR 2954 ↑ UPWARDS HARPOON WITH BARB UP TO BAR 2955 ↓ DOWNWARDS HARPOON WITH BARB UP TO BAR 2956 ← LEFTWARDS HARPOON WITH BARB RIGHT TO BAR 2956 ← LEFTWARDS HARPOON WITH BARB RIGHT TO BAR 2957 ← RIGHTWARDS HARPOON WITH BARB RIGHT TO BAR 2957 ← LEFTWARDS HARPOON WITH BARB RIGHT TO BAR 2958 ← LEFTWARDS HARPOON WITH BARB RIGHT TO BAR 2957 ← LEFTWARDS HARPOON WITH BARB RIGHT TO BAR 2958 ← LEFTWARDS HARPOON WITH BARB RIGHT TO BAR 2959 ← LEFTWARDS HARPOON WITH BARB RIGHT TO BAR 2950 ← LEFTWARDS HARPOON WITH BARB RIGHT TO BAR 2951 ← LEFTWARDS HARPOON WITH BARB RIGHT TO BAR 2952 ← LEFTWARDS HARPOON WITH BARB RIGHT TO BAR 2956 ← LEFTWARDS HARPOON WITH BARB RIGHT TO BAR 2957 → RIGHTWARDS HARPOON WITH BARB RIGHT TO BAR 2958 ← LEFTWARDS HARPOON WITH BARB RIGHT TO BAR 2959 ← LEFTWARDS HARPOON WITH BARB RIGHT TO BAR 2950 ← LEFTWARDS HARPOON WITH BARB RIGHT TO BAR 2951 ← LEFTWARDS HARPOON WITH BARB RIGHT TO BAR 2952 ← LEFTWARDS HARPOON WITH BARB RIGHT TO BAR 2953 ← LEFTWARDS HARPOON WITH BARB RIGHT TO BAR 2954 ← LEFTWARDS HARPOON WITH BARB RIGHT TO BAR 2955 ← LEFTWARDS HARPOON WITH BARB RIGHT TO BAR 2956 ← LEFTWARDS HARPOON WITH BARB RIGHT TO BAR 2957 ← LEFTWARDS HARPOON WITH BARB DOWN TO BAR 2958 ← LEFTWARDS HARPOON WITH BARB DOWN TO BAR 2959 ← LEFTWARDS HARPOON WITH BARB DOWN TO	2943	\leftarrow	LEFTWARDS ARROW ABOVE SHORT			RIGHTWARDS HARPOON WITH BARB UP
2945 → RIGHTWARDS ARROW WITH PLUS BELOW 2946 ← LEFTWARDS ARROW WITH PLUS BELOW 2947 → RIGHTWARDS ARROW WITH PLUS BELOW 2948 → LEFT RIGHT ARROW THROUGH X 2948 → LEFT RIGHT ARROW THROUGH SMALL CIRCLE 2949 ↑ UPWARDS TWO-HEADED ARROW FROM SMALL CIRCLE 2949 ↑ LEFT BARB UP RIGHT BARB DOWN HARPOON 2940 ↑ LEFT BARB UP RIGHT BARB DOWN HARPOON 2941 ↑ UP BARB RIGHT DOWN BARB LEFT HARPOON 2942 ↑ LEFT BARB UP RIGHT BARB UP HARPOON 2945 ↑ LEFT BARB UP RIGHT BARB UP HARPOON 2946 ↑ LEFT BARB UP RIGHT BARB UP HARPOON 2947 ↑ UP BARB RIGHT DOWN BARB RIGHT HARPOON 2948 ↑ LEFT BARB UP RIGHT BARB UP HARPOON 2940 ↑ UP BARB RIGHT DOWN BARB RIGHT HARPOON 2941 ↑ UP BARB RIGHT DOWN BARB RIGHT HARPOON 2945 ↑ LEFT BARB DOWN RIGHT BARB UP HARPOON 2950 ↑ LEFT BARB DOWN RIGHT BARB DOWN HARPOON 2951 ↑ UP BARB LEFT DOWN BARB LEFT HARPOON 2951 ↑ UP BARB LEFT DOWN BARB LEFT HARPOON 2952 ↑ LEFTWARDS HARPOON WITH BARB LEFT HARPOON 2954 ↑ UP BARB RIGHT DOWN BARB RIGHT HARPOON 2955 ↑ LEFTWARDS HARPOON WITH BARB UP TO BAR 2956 ↑ UPWARDS HARPOON WITH BARB UP TO BAR 2957 ↑ UPWARDS HARPOON WITH BARB RIGHT TO BAR 2956 ↑ UPWARDS HARPOON WITH BARB RIGHT TO BAR 2957 ↑ RIGHTWARDS HARPOON WITH BARB RIGHT TO BAR 2957 ↑ RIGHTWARDS HARPOON WITH BARB DOWN TO BAR 2957 → RIGHTWARDS HARPOON WITH BARB DOWN TO BAR 2957 → RIGHTWARDS HARPOON WITH BARB DOWN TO BAR 2957 → RIGHTWARDS HARPOON WITH BARB DOWN TO BAR 2958 ← LEFTWARDS HARPOON WITH BARB DOWN TO BAR 2959 ← LEFTWARDS HARPOON WITH BARB DOWN TO BAR 2950 ← LEFTWARDS HARPOON WITH BARB RIGHT TO BAR 2950 ← LEFTWARDS HARPOON WITH BARB RIGHT TO BAR 2950 ← LEFTWARDS HARPOON WITH BARB RIGHT TO BAR 2950 ← LEFTWARDS HARPOON WITH BARB RIGHT TO BAR 2950 ← LEFTWARDS HARPOON WITH BARB RIGHT TO BAR 2950 ← LEFTWARDS HARPOON WITH BARB RIGHT TO BAR 2950 ← LEFTWARDS HARPOON WITH BARB RIGHT TO BAR 2950 ← LEFTWARDS HARPOON WITH BARB RIGHT TO BAR 2950 ← LEFTWARDS HARPOON WITH BARB RIGHT TO BAR 2950 ← LEFTWARDS HARPOON WITH BARB RIGHT TO BAR 2950 ← LEFTWARDS HARPOON WITH BARB RIGHT TO BAR 2950 ← LEFTWARDS HARPOON WITH BARB LEFT HARPOON 29	2944	$\stackrel{\Rightarrow}{\leftarrow}$	SHORT RIGHTWARDS ARROW ABOVE	2967		ABOVE RIGHTWARDS HARPOON WITH BARB
2947 → RIGHTWARDS ARROW THROUGH X → 2B3E ← leftwards arrow through x 2948 ← LEFT RIGHT ARROW THROUGH SMALL CIRCLE 2949 ↑ UPWARDS TWO-HEADED ARROW FROM SMALL CIRCLE 2949 ↑ UPWARDS TWO-HEADED ARROW FROM SMALL CIRCLE 2948 ← LEFT BARB UP RIGHT BARB DOWN HARPOON 2940 ← LEFT BARB UP RIGHT BARB DOWN HARPOON 2941 ← LEFT BARB UP RIGHT BARB UP HARPOON 2942 ↑ UP BARB RIGHT DOWN BARB LEFT HARPOON 2945 ← LEFT BARB UP RIGHT BARB UP HARPOON 2946 ← LEFT BARB UP RIGHT BARB UP HARPOON 2947 ↑ UP BARB RIGHT DOWN BARB RIGHT HARPOON 2948 ← LEFT BARB UP RIGHT BARB UP HARPOON 2949 ↑ UP BARB RIGHT DOWN BARB RIGHT HARPOON 2940 ↑ UP BARB RIGHT DOWN BARB RIGHT HARPOON 2941 ← LEFT BARB UP RIGHT BARB UP HARPOON 2942 ← LEFT BARB UP RIGHT BARB UP HARPOON 2944 ← LEFT BARB UP RIGHT BARB UP HARPOON 2945 ↑ UP BARB RIGHT DOWN BARB RIGHT HARPOON 2950 ← LEFT BARB DOWN RIGHT BARB DOWN HARPOON 2951 ↑ UP BARB LEFT DOWN BARB LEFT HARPOON 2952 ← LEFTWARDS HARPOON WITH BARB UP TO BAR 2953 → RIGHTWARDS HARPOON WITH BARB UP TO BAR 2954 ↑ UPWARDS HARPOON WITH BARB UP TO BAR 2955 ↓ DOWNWARDS HARPOON WITH BARB UP TO BAR 2956 ← LEFTWARDS HARPOON WITH BARB RIGHT TO BAR 2957 → RIGHTWARDS HARPOON WITH BARB RIGHT TO BAR 2958 ← LEFTWARDS HARPOON WITH BARB DOWN TO BAR 2959 ← RIGHTWARDS HARPOON WITH BARB RIGHT TO BAR 2950 ← LEFTWARDS HARPOON WITH BARB RIGHT TO BAR 2951 ← LEFTWARDS HARPOON WITH BARB UP TO BAR 2952 ← LEFTWARDS HARPOON WITH BARB UP TO BAR 2953 → RIGHTWARDS HARPOON WITH BARB UP TO BAR 2954 ↑ UPWARDS HARPOON WITH BARB UP TO BAR 2955 ← LEFTWARDS HARPOON WITH BARB RIGHT TO BAR 2956 ← LEFTWARDS HARPOON WITH BARB DOWN TO BAR 2957 → RIGHTWARDS HARPOON WITH BARB DOWN TO BAR 2958 ← LEFTWARDS HARPOON WITH BARB DOWN TO BAR 2959 ← LEFTWARDS HARPOON WITH BARB DOWN TO BAR 2950 ← LEFTWARDS HARPOON WITH BARB DOWN TO BAR 2950 ← LEFTWARDS HARPOON WITH BARB DOWN TO BAR 2950 ← LEFTWARDS ARROW ABOVE TILDE OF CATCHER ARROW ABOVE TIL	2945	→		2968		
2948 → LEFT RIGHT ARROW THROUGH SMALL CIRCLE 2949	2946	←	LEFTWARDS ARROW WITH PLUS BELOW			ABOVE LEFTWARDS HARPOON WITH BARB UP
2948 → LEFT RIGHT ARROW THROUGH SMALL CIRCLE 2949	2947	*		2969	\rightleftharpoons	RIGHTWARDS HARPOON WITH BARB DOWN
2949	00.40					
Double-barbed harpoons 294A → LEFT BARB UP RIGHT BARB DOWN HARPOON 294B → LEFT BARB DOWN RIGHT BARB UP HARPOON 296C ⇒ RIGHTWARDS HARPOON WITH BARB ABOVE LONG DASH 294C ↑ UP BARB RIGHT DOWN BARB LEFT HARPOON 296D ⇒ RIGHTWARDS HARPOON WITH BARB BELOW LONG DASH 294E ↑ UP BARB LEFT DOWN BARB RIGHT HARPOON 296E ⇒ RIGHTWARDS HARPOON WITH BARB BELOW LONG DASH 294F ↑ UP BARB RIGHT DOWN BARB RIGHT HARPOON 296E ⇒ RIGHTWARDS HARPOON WITH BARB LEFT BARB DOWN RIGHT BARB DOWN HARPOON 2950 → LEFT BARB DOWN RIGHT BARB DOWN HARPOON 296F ⇒ RIGHTWARDS HARPOON WITH BARB BESIDE UPWARDS HARPOON WITH BARB UP TO BAR 2954 ↑ UPWARDS HARPOON WITH BARB UP TO BAR 2970 ⇒ RIGHT DOUBLE ARROW WITH ROUN ARROW SUBJECT OF BAR 2955 ↑ DOWNWARDS HARPOON WITH BARB RIGHT TO BAR 2971 ⇒ EQUALS SIGN ABOVE RIGHTWARDS ARROW ARRO				296A	=	LEFTWARDS HARPOON WITH BARB UP ABOVE
Double-barbed harpoons 294A → LEFT BARB UP RIGHT BARB DOWN HARPOON 294B → LEFT BARB DOWN RIGHT BARB UP HARPOON 296C ⇒ RIGHTWARDS HARPOON WITH BARB ABOVE LONG DASH 294C ↑ UP BARB RIGHT DOWN BARB LEFT HARPOON 296D ⇒ RIGHTWARDS HARPOON WITH BARB ABOVE LONG DASH 294C ↑ UP BARB RIGHT DOWN BARB RIGHT HARPOON 296D ⇒ RIGHTWARDS HARPOON WITH BARB LEFT DOWN BARB RIGHT HARPOON 294F ↑ UP BARB BUP RIGHT BARB UP HARPOON 296E ↑ DOWNWARDS HARPOON WITH BARB DOWN HARPOON 2950 → LEFT BARB DOWN RIGHT BARB DOWN HARPOON 296F ↓ DOWNWARDS HARPOON WITH BARB DOWN HARPOON 2951 ↑ UP BARB LEFT DOWN BARB LEFT HARPOON 296F ↓ DOWNWARDS HARPOON WITH BARB UP TO BAR 2952 ├─ LEFTWARDS HARPOON WITH BARB UP TO BAR 2970 ⇒ RIGHT DOUBLE ARROW WITH ROUN → 2283 ⊃ superset of 2953 → RIGHTWARDS HARPOON WITH BARB RIGHT TO BAR 2971 ⇒ EQUALS SIGN ABOVE RIGHTWARDS → 2B40 ← equals sign above leftward ARROW 2955 ↓ DOWNWARDS HARPOON WITH BARB RIGHT TO BAR 2971 ⇒ EQUALS SIGN ABOVE RIGHTWARDS → 2B41 ← reverse tilde operator above leftwards arrow 2956 ├─ LEFTWARDS HARPOON WITH BARB DOWN TO BAR 2973 ⇔ ILLEFTWARDS ARROW ABOVE TILDE CONTROLL ARROW ABOVE TILDE CONTROL			SMALL CIRCLE	206P	_	
294A → LEFT BARB UP RIGHT BARB DOWN HARPOON 294B → LEFT BARB UP RIGHT BARB UP HARPOON 294C ↑ UP BARB RIGHT DOWN BARB LEFT HARPOON 294D ↑ UP BARB LEFT DOWN BARB RIGHT HARPOON 294E → LEFT BARB UP RIGHT BARB UP HARPOON 294F ↑ UP BARB RIGHT DOWN BARB RIGHT HARPOON 2950 → LEFT BARB DOWN RIGHT BARB DOWN HARPOON 2951 ↑ UP BARB LEFT DOWN BARB LEFT HARPOON 2951 ↑ UP BARB LEFT DOWN BARB LEFT HARPOON 2952 ├─ LEFT WARDS HARPOON WITH BARB UP TO BAR 2953 → RIGHTWARDS HARPOON WITH BARB UP TO BAR 2954 ↑ UPWARDS HARPOON WITH BARB UP TO BAR 2955 ↓ DOWNWARDS HARPOON WITH BARB RIGHT TO BAR 2956 ├─ LEFTWARDS HARPOON WITH BARB RIGHT TO BAR 2957 → RIGHTWARDS HARPOON WITH BARB RIGHT TO BAR 2958 ├─ LEFTWARDS HARPOON WITH BARB RIGHT TO BAR 2959 ├─ RIGHTWARDS HARPOON WITH BARB RIGHT TO BAR 2950 ├─ LEFTWARDS HARPOON WITH BARB RIGHT TO BAR 2951 │ DOWNWARDS HARPOON WITH BARB RIGHT TO BAR 2952 ├─ RIGHTWARDS HARPOON WITH BARB RIGHT TO BAR 2955 │ DOWNWARDS HARPOON WITH BARB RIGHT TO BAR 2956 ├─ RIGHTWARDS HARPOON WITH BARB UP TO BAR 2970 │ RIGHT DOUBLE ARROW WITH ROUN → 2283 ⊃ superset of POWNWARDS HARPOON WITH BARB RIGHT TO BAR 2971 │ DOWNWARDS HARPOON WITH BARB RIGHT TO BAR 2972 → TILDE OPERATOR ABOVE RIGHTWARDS ARROW ABOVE TILDE OF HIGHWARDS ARROW A	Douk	le-ba	arbed harpoons	2900	=	
294B → LEFT BARB DOWN RIGHT BARB UP HARPOON 294C ↑ UP BARB RIGHT DOWN BARB LEFT HARPOON 294D ↑ UP BARB LEFT DOWN BARB RIGHT HARPOON 294E → LEFT BARB UP RIGHT BARB UP HARPOON 294F ↑ UP BARB RIGHT DOWN BARB RIGHT HARPOON 2950 → LEFT BARB DOWN RIGHT BARB DOWN HARPOON 2951 ↑ UP BARB LEFT DOWN BARB LEFT HARPOON 2951 ↑ UP BARB LEFT DOWN BARB LEFT HARPOON 2952 ← LEFTWARDS HARPOON WITH BARB UP TO BAR 2953 → RIGHTWARDS HARPOON WITH BARB UP TO BAR 2954 ↑ UPWARDS HARPOON WITH BARB UP TO BAR 2955 ↓ DOWNWARDS HARPOON WITH BARB RIGHT TO BAR 2956 ← LEFTWARDS HARPOON WITH BARB RIGHT TO BAR 2956 ← LEFTWARDS HARPOON WITH BARB RIGHT TO BAR 2957 → RIGHTWARDS HARPOON WITH BARB DOWN TO BAR 2958 ← LEFTWARDS HARPOON WITH BARB DOWN TO BAR 2959 ← LEFTWARDS HARPOON WITH BARB DOWN TO BAR 2950 ← LEFTWARDS HARPOON WITH BARB DOWN TO BAR 2951 ← LEFTWARDS HARPOON WITH BARB DOWN TO BAR 2952 ← LEFTWARDS HARPOON WITH BARB DOWN TO BAR 2955 ← LEFTWARDS HARPOON WITH BARB DOWN TO BAR 2956 ← LEFTWARDS HARPOON WITH BARB DOWN TO BAR 2957 → RIGHTWARDS HARPOON WITH BARB DOWN TO BAR 2958 ← LEFTWARDS HARPOON WITH BARB DOWN TO BAR 2959 ← LEFTWARDS HARPOON WITH BARB DOWN TO BAR 2959 ← LEFTWARDS HARPOON WITH BARB DOWN TO BAR 2959 ← LEFTWARDS HARPOON WITH BARB DOWN TO BAR 2950 ← LEFTWARDS HARPOON WITH BARB DOWN TO BAR 2950 ← LEFTWARDS HARPOON WITH BARB DOWN TO BAR 2950 ← LEFTWARDS HARPOON WITH BARB DOWN TO BAR 2950 ← LEFTWARDS HARPOON WITH BARB DOWN TO BAR 2950 ← LEFTWARDS HARPOON WITH BARB DOWN TO BAR 2950 ← LEFTWARDS HARPOON WITH BARB DOWN TO BAR 2950 ← LEFTWARDS HARPOON WITH BARB DOWN TO BAR BELOW LONG DASH 296E			-	296C	\Rightarrow	
294D 1 UP BARB LEFT DOWN BARB RIGHT HARPOON 294E		\leftarrow	LEFT BARB DOWN RIGHT BARB UP HARPOON			
294E	294C	1	UP BARB RIGHT DOWN BARB LEFT HARPOON	296D	\Rightarrow	RIGHTWARDS HARPOON WITH BARB DOWN
294F ↑ UP BARB RIGHT DOWN BARB RIGHT HARPOON 2950 → LEFT BARB DOWN RIGHT BARB DOWN HARPOON 2951 ↓ UP BARB LEFT DOWN BARB LEFT HARPOON 2951 ↓ UP BARB LEFT DOWN BARB LEFT HARPOON Modified harpoons 2952 ├─ LEFTWARDS HARPOON WITH BARB UP TO BAR 2953 → RIGHTWARDS HARPOON WITH BARB UP TO BAR 2954 ↑ UPWARDS HARPOON WITH BARB UP TO BAR 2955 ↓ DOWNWARDS HARPOON WITH BARB RIGHT TO BAR 2955 ↓ DOWNWARDS HARPOON WITH BARB RIGHT TO BAR 2956 ├─ LEFTWARDS HARPOON WITH BARB RIGHT TO BAR 2957 → RIGHTWARDS HARPOON WITH BARB DOWN TO BAR 2957 → RIGHTWARDS HARPOON WITH BARB DOWN TO BAR 2957 → RIGHTWARDS HARPOON WITH BARB DOWN TO BAR 2958 ← LEFTWARDS HARPOON WITH BARB DOWN TO BAR 2959 ← LEFTWARDS HARPOON WITH BARB DOWN TO BAR 2959 ← LEFTWARDS HARPOON WITH BARB DOWN TO BAR 2950 ← LEFTWARDS HARPOON WITH BARB DOWN TO BAR 2951 ← LEFTWARDS HARPOON WITH BARB DOWN TO BAR 2952 ← LEFTWARDS ARROW ABOVE TILDE CO → 2B4C → rightwards arrow above recommended to the properties of the pro		1	UP BARB LEFT DOWN BARB RIGHT HARPOON	2005		
2950 LEFT BARB DOWN RIGHT BARB DOWN HARPOON 2951 1 UP BARB LEFT DOWN BARB LEFT HARPOON Modified harpoons 2952 LEFTWARDS HARPOON WITH BARB UP TO BAR 2953 RIGHTWARDS HARPOON WITH BARB UP TO BAR 2954 ↑ UPWARDS HARPOON WITH BARB UP TO BAR 2955 1 UPWARDS HARPOON WITH BARB RIGHT TO BAR 2956 LEFTWARDS HARPOON WITH BARB RIGHT TO BAR 2957 RIGHTWARDS HARPOON WITH BARB DOWN TO BAR 2957 RIGHTWARDS HARPOON WITH BARB DOWN TO BAR 2957 RIGHTWARDS HARPOON WITH BARB DOWN TO BAR 2958 LEFTWARDS HARPOON WITH BARB DOWN TO BAR 2959 RIGHTWARDS HARPOON WITH BARB DOWN TO BAR 2959 RIGHTWARDS HARPOON WITH BARB DOWN TO BAR 2969 LEFTWARDS HARPOON WITH BARB DOWN TO BAR 2970 RIGHTWARDS HARPOON WITH BARB RIGHT TO BAR 2971 RIGHTWARDS HARPOON WITH BARB DOWN TO BAR 2972 RIGHTWARDS HARPOON WITH BARB DOWN TO BAR 2973 RIGHTWARDS HARPOON WITH BARB DOWN TO BAR 2974 LEFTWARDS ARROW ABOVE TILDE CONTROL TO BAR 2975 RIGHTWARDS HARPOON WITH BARB DOWN TO BAR 2976 LEFTWARDS HARPOON WITH BARB DOWN TO BAR 2977 RIGHTWARDS HARPOON WITH BARB DOWN TO BAR 2978 LEFTWARDS ARROW ABOVE TILDE CONTROL TO BAR 2979 LEFTWARDS ARROW ABOVE TILDE CONTROL TO BAR 2979 LEFTWARDS ARROW ABOVE TILDE CONTROL TO BAR 2979 LEFTWARDS ARROW ABOVE TILDE CONTROL TO BAR		$\stackrel{\smile}{\hookrightarrow}$		296E	11	
LEFT BARB DOWN RIGHT BARB DOWN HARPOON 2951 1 UP BARB LEFT DOWN BARB LEFT HARPOON Modified harpoons 2952		,		206F	41	
Modified harpoons 2952		$\overline{}$	HARPOON	2301	11	BESIDE UPWARDS HARPOON WITH BARB
2952	2951	1	UP BARB LEFT DOWN BARB LEFT HARPOON	Misss	llam.	
2953 → RIGHTWARDS HARPOON WITH BARB UP TO BAR 2954 ↑ UPWARDS HARPOON WITH BARB RIGHT TO BAR 2955 ↓ DOWNWARDS HARPOON WITH BARB RIGHT TO BAR 2956 ► LEFTWARDS HARPOON WITH BARB DOWN TO BAR 2957 → RIGHTWARDS HARPOON WITH BARB DOWN TO BAR 2973 ← LEFTWARDS ARROW ABOVE TILDE OF TIGHTWARDS ARROW 2973 ← LEFTWARDS ARROW ABOVE TILDE OF TIGHTWARDS ARRO	Modi	fied	harpoons			
BAR 2954 ↑ UPWARDS HARPOON WITH BARB RIGHT TO BAR 2955 ↓ DOWNWARDS HARPOON WITH BARB RIGHT TO BAR 2956 ├─ LEFTWARDS HARPOON WITH BARB DOWN TO BAR 2957 → RIGHTWARDS HARPOON WITH BARB DOWN TO BAR 2978 ← LEFTWARDS HARPOON WITH BARB DOWN TO BAR 2979 ← RIGHTWARDS HARPOON WITH BARB DOWN TO BAR 2970 ← LEFTWARDS HARPOON WITH BARB DOWN TO BAR 2971 ← LEFTWARDS HARPOON WITH BARB DOWN TO BAR 2972 ← LEFTWARDS ARROW ABOVE TILDE OF TIGHTWARDS ARRO				2970	_	
BAR 2955				Arrov	vs co	mbined with relations
2955 ↓ DOWNWARDS HARPOON WITH BARB RIGHT TO BAR 2956 ► LEFTWARDS HARPOON WITH BARB DOWN TO BAR 2957 → RIGHTWARDS HARPOON WITH BARB DOWN TO BAR 2972 → TILDE OPERATOR ABOVE RIGHTWAR ARROW → 2B41 ← reverse tilde operator about leftwards arrow LEFTWARDS ARROW ABOVE TILDE OF ABOUT TO BAR	2954	7		2971	⇒	
2956 ► LEFTWARDS HARPOON WITH BARB DOWN TO BAR 2957 → RIGHTWARDS HARPOON WITH BARB DOWN TO BAR 2973 ← LEFTWARDS ARROW ABOVE TILDE C → 2B4C ⇒ rightwards arrow above re	2955	Ţ	DOWNWARDS HARPOON WITH BARB RIGHT	2972	$\stackrel{\sim}{\to}$	TILDE OPERATOR ABOVE RIGHTWARDS
2957 → RIGHTWARDS HARPOON WITH BARB DOWN 2973 ← LEFTWARDS ARROW ABOVE TILDE C TO BAR → 2B4C ⇒ rightwards arrow above re	2956	\vdash	LEFTWARDS HARPOON WITH BARB DOWN TO			→ 2B41 ← reverse tilde operator above
→ 2D+C → HUILWAIUS AITOW ADOVE IO	2957	\rightarrow		2973	←	LEFTWARDS ARROW ABOVE TILDE OPERATOR
2958 TUPWARDS HARPOON WITH BARB LEFT TO BAR operator		1				
2959 <u>1</u> DOWNWARDS HARPOON WITH BARB LEFT TO 2974 ⇒ RIGHTWARDS ARROW ABOVE TILDE BAR OPERATOR	2959	1		2974	\Rightarrow	RIGHTWARDS ARROW ABOVE TILDE OPERATOR
295A LEFTWARDS HARPOON WITH BARB UP FROM → 2B4B ← leftwards arrow above rev	295A	4				→ 2B4B ← leftwards arrow above reverse tilde operator
UNCION U	295B	\vdash	RIGHTWARDS HARPOON WITH BARB UP FROM BAR	2975	≈	RIGHTWARDS ARROW ABOVE ALMOST EQUAL TO
295B → RIGHTWARDS HARPOON WITH BARB UP FROM 2975 ⇒ RIGHTWARDS ARROW ABOVE ALMO	295C	1	UPWARDS HARPOON WITH BARB RIGHT FROM BAR			→ 2B42 ← leftwards arrow above reverse almost equal to

2977 ← LEFTWARDS ARROW THROUGH LESS-THAN \rightarrow 2B43 \Rightarrow rightwards arrow through greaterthan 2978 > GREATER-THAN ABOVE RIGHTWARDS ARROW 2979 💲 SUBSET ABOVE RIGHTWARDS ARROW 297A € LEFTWARDS ARROW THROUGH SUBSET → 2B44 ⇒ rightwards arrow through superset 297B ⊋ SUPERSET ABOVE LEFTWARDS ARROW Fish tails

297C ← LEFT FISH TAIL 297D → RIGHT FISH TAIL 297E ↑ UP FISH TAIL 297F 👃 DOWN FISH TAIL