

# TECHNICAL DATASHEET

## CH

Denomination: CH Anchor

Codes: ACHT, ACHT88, ACHT88E, ACHTA2, ACHINB, ACHINN, ACHE, ACHTPL, ACHTPI, ACHA, ACHG, ACHAFO, ACHGFO,

Reference: FT CH-en

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Product	Code	Size	Assessed	Tension	Shear
				$N_{Rk}$	$V_{Rk}$
CH-PI	ACHTPI08C	M6 x 45 Ø8	[-]	3,6	<u>4,5</u>
	ACHTPI08L	M6 x 60 Ø8	[-]		
	ACHTPI10C	M8 x 60 Ø10	[-]	6,6	<u>8,2</u>
	ACHTPI10L	M8 x 80 Ø10	[-]		
	ACHTPI12C	M10 x 70 Ø12	[-]		
ACHTPI12L	M10 x 100 Ø12	[-]	9,3	<b>11,2</b>	
CH-INB	ACHINB08C	M6 x 45 Ø8	✓	3,6	<u>3,0</u>
	ACHINB08L	M6 x 60 Ø8	✓		
	ACHINB10C	M8 x 60 Ø10	✓	6,6	<u>5,4</u>
	ACHINB10L	M8 x 80 Ø10	✓		
CH-INN	ACHINN08C	M6 x 45 Ø8	✓	3,6	<u>3,0</u>
	ACHINN08L	M6 x 60 Ø8	✓		
	ACHINN10C	M8 x 60 Ø10	✓	6,6	<u>5,4</u>
	ACHINN10L	M8 x 80 Ø10	✓		
CH-GA	ACHG08C	M6 x 45 Ø8	[-]	<u>1,0</u>	--
	ACHG09C	M6 x 45 Ø9	[-]		
	ACHG10C	M8 x 60 Ø10	[-]	<u>2,0</u>	--
	ACHG11C	M8 x 60 Ø11	[-]		
	ACHG12C	M10 x 70 Ø12	[-]	<u>3,3</u>	--
	ACHG14C	M10 x 70 Ø14	[-]		
CH-AR	ACHA08C	M6 x 45 Ø8	[-]	<u>1,0</u>	--
	ACHA09C	M6 x 45 Ø9	[-]		
	ACHA10C	M8 x 60 Ø10	[-]	<u>2,0</u>	--
	ACHA11C	M8 x 60 Ø11	[-]		
	ACHA12C	M10 x 70 Ø12	[-]	<u>3,3</u>	--
	ACHA14C	M10 x 70 Ø14	[-]		
CH-GF	ACHGFO08C	M6 x 45 Ø8	[-]	<u>1,1</u>	--
	ACHGFO10C	M8 x 60 Ø10	[-]		
	ACHGFO12C	M10 x 70 Ø12	[-]	<u>3,9</u>	--
CH-AF	ACHAFO08C	M6 x 45 Ø8	[-]	<u>2,8</u>	--
	ACHAFO10C	M8 x 60 Ø10	[-]		
	ACHAFO12C	M10 x 70 Ø12	[-]	<u>7,0</u>	--
CH-GF A2	ACHGA208C	M6 x 45 Ø8	[-]	<u>0,9</u>	--
	ACHGA210C	M8 x 60 Ø10	[-]		
	ACHGA212C	M10 x 70 Ø12	[-]	<u>3,1</u>	--
CH-AF A2	ACHAA208C	M6 x 45 Ø8	[-]	<u>2,2</u>	--
	ACHAA210C	M8 x 60 Ø10	[-]		
	ACHAA212C	M10 x 70 Ø12	[-]	7,0	--
CH-ES	ACHE08C	M6 x 45 Ø8	[-]	4,1	<u>2,8</u>
	ACHE09C	M6 x 45 Ø9	[-]		
	ACHE10C	M8 x 60 Ø10	[-]	5,2	<u>5,2</u>
	ACHE10L	M8 x 80 Ø10	[-]	7,2	<u>5,2</u>
	ACHE11C	M8 x 60 Ø11	[-]	5,2	<u>5,2</u>
	ACHE11L	M8 x 80 Ø11	[-]	7,2	<u>5,2</u>
	ACHE12C	M10 x 70 Ø12	[-]	7,0	<u>8,3</u>
	ACHE12L	M10 x 100 Ø12	[-]	<b>11,4</b>	<u>8,3</u>
CH-GE	ACHGE10	M8 x 115 Ø10	[-]	<u>2,0</u>	--
	ACHGE12	M10 x 135 Ø12	[-]		
				<u>3,3</u>	--

1 kN = 100 kg

Values underlined and in italics indicate steel failure; **bold** values indicate concrete failure and the rest indicate pull-out failure.