



**CRIMP CHART FOR ONE PIECE
STAINLESS STEEL FITTINGS
(EATON / AEROEQUIP HYDRAULIC HOSES)**

CRIMP TOLERANCES (mm)

1/4" - 3/8" : + 0 / - 0,2
1/2" - 2" : + 0 / - 0,4

DATE: ene-20

HOSE TYPE	DN (mm)	6		8		10		12		16		19		25		31		38		51	
	INCHES	1/4"		5/16"		3/8"		1/2"		5/8"		3/4"		1"		1"1/4		1"1/2		2"	
	DASH SIZE	04		05		06		08		10		12		16		20		24		32	
EC110	Ferrule series	(43) ZPFC221200400		(43) ZPFC221200500		(43) ZPFC221200600		(43) ZPFC221200800		(43) ZPFC221201000		(43) ZPFC221201200		(43) ZPFC221201600		(43) ZPFC221202000		(43) ZPFC221202400		(43) ZPFC221203200	
EN 853 1SN	Ferrule Outer Ø	23	0,906	24	0,945	28	1,102	32	1,260	33	1,299	40	1,575	47	1,850	59,8	2,354	67,6	2,661	83	3,268
SAE 100 R1AT	Hose Outer Ø	13,2	0,520	14,8	0,583	17,2	0,677	20,4	0,803	23,5	0,925	27,5	1,083	35,4	1,394	43,5	1,713	50	1,969	63,6	2,504
	Insert length	22,5	0,886	23	0,906	23,5	0,925	26,4	1,039	29,8	1,173	34,9	1,374	42	1,654	53,5	2,106	53,5	2,106	65,7	2,587
	Crimp Ø (mm/inch)	16,5	0,650	18	0,709	21,8	0,858	24,9	0,980	28,3	1,114	31,7	1,248	39	1,535	48,1	1,894	55,7	2,193	67,6	2,661
EC210	Ferrule series	(43) ZPFC221200400		(43) ZPFC221200500		(43) ZPFC221200600		(43) ZPFC221200800		(43) ZPFC221201000		(43) ZPFC221201200		(43) ZPFC221201600		(43) ZPFC221202000		(43) ZPFC221202400		(43) ZPFC221203200	
EN 853 2SN	Ferrule Outer Ø	23	0,906	24	0,945	28	1,102	32	1,260	33	1,299	40	1,575	47	1,850	59,8	2,354	67,6	2,661	83	3,268
SAE 100 R2AT	Hose Outer Ø	15	0,591	16,5	0,650	18,9	0,744	22,2	0,874	25,2	0,992	29,2	1,150	37,2	1,465	47,3	1,862	53,7	2,114	66,7	2,626
	Insert length	22,5	0,886	23	0,906	23,5	0,925	26,4	1,039	29,8	1,173	34,9	1,374	42	1,654	53,5	2,106	53,5	2,106	65,7	2,587
	Crimp Ø (mm/inch)	17,4	0,685	19,4	0,764	22,9	0,902	26,2	1,031	29,4	1,157	32,7	1,287	40,1	1,579	52,1	2,051	57,1	2,248	71,9	2,831
GH681	Ferrule code	(43) ZPFC221200400		(43) ZPFC221200500		(43) ZPFC221200600		(43) ZPFC221200800		(43) ZPFC221201000		(43) ZPFC221201200		(43) ZPFC221201600		(43) ZPFC221202000		(43) ZPFC221202400		(43) ZPFC221203200	
Exceeds	Ferrule Outer Ø	23	0,906	24	0,945	28	1,102	32	1,260	33	1,299	40	1,575	47	1,850	59,8	2,354	67,6	2,661	83	3,268
EN 857 1SC	Hose Outer Ø	13,5	0,531	14,5	0,571	16,9	0,665	20,4	0,803	23	0,906	26,7	1,051	34,9	1,374	42,3	1,665	48,9	1,925	65,5	2,579
	Insert length	22,5	0,886	23	0,906	23,5	0,925	26,4	1,039	29,8	1,173	34,9	1,374	42	1,654	53,5	2,106	53,5	2,106	65,7	2,587
	Crimp Ø (mm/inch)	16,2	0,638	18,1	0,713	21,2	0,835	24,5	0,965	27,2	1,071	31,3	1,232	38,4	1,512	47,3	1,846	55,4	2,150	65,7	2,587
EC881	Ferrule code	(43) ZPFC221200400		-		(43) ZPFC221200600		(43) ZPFC221200800		(43) ZPFC221201000		(43) ZPFC221201200		(43) ZPFC221201600		-		-		-	
Exceeds	Ferrule Outer Ø	23	0,906	-	-	28	1,102	32	1,260	33	1,299	40	1,575	47	1,850	-	-	-	-	-	-
EN 857 2SC	Hose Outer Ø	14,2	0,559	-	-	18,3	0,720	21,5	0,846	24,7	0,972	28,6	1,126	36,6	1,441	-	-	-	-	-	-
	Insert length	22,5	0,886	-	-	23,5	0,925	26,4	1,039	29,8	1,173	34,9	1,374	42	1,654	-	-	-	-	-	-
	Crimp Ø (mm/inch)	17,3	0,681	-	-	22	0,866	25,1	0,988	28,8	1,134	32,9	1,295	40,2	1,583	-	-	-	-	-	-
FC639	Ferrule series	(43) ZPFC221200400		-		(43) ZPFC221200600		(43) ZPFC221200800		(43) ZPFC221201000		(43) ZPFC221201200		(43) ZPFC221201600		-		-		-	
SAE 100 R17	Ferrule Outer Ø	23	0,906	-	-	28	1,102	32	1,260	33	1,299	40	1,575	47	1,850	-	-	-	-	-	-
ISOBARIC 210 BAR	Hose Outer Ø	13,2	0,520	-	-	17	0,669	20,6	0,811	25,4	1,000	29	1,142	36,3	1,429	-	-	-	-	-	-
3000 psi	Insert length	22,5	0,886	-	-	23,5	0,925	26,4	1,039	29,8	1,173	34,9	1,374	42	1,654	-	-	-	-	-	-
	Crimp Ø (mm/inch)	16,3	0,025	-	-	20,7	0,032	24,2	0,038	29,5	0,046	33,3	0,052	39,9	0,062	-	-	-	-	-	-
GH425	Ferrule code	-		-		(43) ZPFC221200600		(BW) ZAC680100800		(BW) ZAC680101000		(BW) ZAC680101200		(BW) ZAC680101600		-		-		-	
Exceeds	Ferrule Outer Ø	-	-	-	-	30	1,181	32	1,260	37	1,457	42	1,654	50	1,969	-	-	-	-	-	-
EN 856 4SP	Hose Outer Ø	-	-	-	-	21,4	0,843	24,8	0,976	28,4	1,118	32,8	1,291	39,8	1,567	-	-	-	-	-	-
	Insert length	-	-	-	-	23,5	0,925	33,5	1,319	43,5	1,713	43	1,693	48,5	1,909	-	-	-	-	-	-
	Crimp Ø (mm/inch)	-	-	-	-	24,3	0,992	26,2	1,031	30,4	1,197	35,5	1,398	42,4	1,669	-	-	-	-	-	-
EC512	Ferrule series	-		-		-		-		-		(BW) ZAC680101200		(BW) ZAC680101600		(BW) ZAC680102000		(BW) ZAC680102400		(BW) ZAC680103200	
Exceeds	Ferrule Outer Ø	-	-	-	-	-	-	-	-	-	-	42	1,654	50	1,969	64	2,520	71	2,795	87	3,425
EN 856 4SH	Hose Outer Ø	-	-	-	-	-	-	-	-	-	-	33	1,299	40,9	1,610	52,4	2,063	55,1	2,169	69,7	2,744
	Insert length	-	-	-	-	-	-	-	-	-	-	43	1,693	48,5	1,909	60,5	2,382	60	2,362	76	2,992
	Crimp Ø (mm/inch)	-	-	-	-	-	-	-	-	-	-	35,5	1,398	41,7	1,642	50,6	1,992	58,3	2,295	73,7	2,902

REMARKS: Crimping lists of DICSA are always orientative.

Crimping diameters have been validated for these outer diameters of the hoses. Therefore, these diameters can change depending on the hose.