DICSA

CRIMPING CHART FOR COMPACT STAINLESS STEEL COUPLINGS (GATES HYDRAULIC HOSES)

CRIMPING TOLERANCES (mm)

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

DATE: **ene-20**

	DN (mm)	6		10		12		16		19		25		31		38		51	
HOSE TYPE	INCHES	**1/4"**		**3/8"**		**1/2"**		**5/8"**		**3/4"**		**1"**		**1"1/4**		**1"1/2**		**2"**	
	DASH SIZE	04		06		08		10		12		16		20		24		32	
PB Black Gold	Ferrule	**(43)** ZPFC221200400		**(43)** ZPFC221200600		**(43)** ZPFC221200800		**(43)** ZPFC221201000		**(43)** ZPFC221201200		**(43)** ZPFC221201600		**(43)** ZPFC221202000		**(43)** ZPFC221202400		**(43)** ZPFC221203200	
SAE J1942	Ferrule outer Φ	23	0,906	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 Φ	13,8	0,543	17,2	0,677	20,7	0,815	24,3	0,957	28,2	1,110	37,2	1,465	47,9	1,886	53,8	2,118	65,7	2,587
EN 853 1SN	Insert lenght	22,5	0,886	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
(4657 GC)	CRIMP Φ (mm/inch)	**17**	**0,669**	**21,9**	**0,862**	**25,1**	**0,988**	**28,3**	**1,114**	**32,8**	**1,291**	**40,9**	**1,610**	**51**	**2,008**	**57,8**	**2,276**	**71,4**	**2,811**
G1	Ferrule	**(43)** ZPFC221200400		**(43)** ZPFC221200600		**(43)** ZPFC221200800		**(43)** ZPFC221201000		**(43)** ZPFC221201200		**(43)** ZPFC221201600		**(43)** ZPFC221202000		**(43)** ZPFC221202400		**(43)** ZPFC221203200	
ISO 1436 1SN	Ferrule outer Φ	23	0,906	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 Φ	13,5	0,531	17,1	0,673	20,3	0,799	23,5	0,925	27,6	1,087	35,4	1,394	43,4	1,709	49,8	1,961	64	2,520
EN 853 1SN	Insert lenght	22,5	0,886	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 Φ (mm/inch)	**16,7**	**0,657**	**21,7**	**0,854**	**24,8**	**0,976**	**28,3**	**1,114**	**31,8**	**1,252**	**39**	**1,535**	**48**	**1,890**	**55,5**	**2,185**	**68**	**2,677**
G2	Ferrule	**(43)** ZPFC221200400		**(43)** ZPFC221200600		**(43)** ZPFC221200800		**(43)** ZPFC221201000		**(43)** ZPFC221201200		**(43)** ZPFC221201600		**(BW)** ZAC680102000		**(BW)** ZAC680102400		**(BW)** ZAC680103200	
ISO 1436 2SN	Ferrule outer Φ	23	0,906	28	1,102	32	1,260	33	1,299	40	1,575	47	1,850	64	2,520	71	2,795	87	3,425
SAE 100 R2AT	Hose outer Φ	15	0,591	18,8	0,740	21,8	0,858	25,1	0,988	29	1,142	37,6	1,480	47,5	1,870	54,6	2,150	67,3	2,650
EN 853 2SN	Insert lenght	22,5	0,886	23,5	0,925	26,4	1,039	29,8	1,173	34,9	1,374	42	1,654	60,5	2,382	60	2,362	76	2,992
	CRIMP Φ (mm/inch)	**17,4**	**0,685**	**22,8**	**0,898**	**25,8**	**1,016**	**29,3**	**1,154**	**32,5**	**1,280**	**40,5**	**1,594**	**52,3**	**2,059**	**58**	**2,283**	**72,5**	**2,854**
CM2T	Ferrule	**(43)** ZPFC221200400		**(43)** ZPFC221200600		**(43)** ZPFC221200800		**(43)** ZPFC221201000		**(43)** ZPFC221201200		**(43)** ZPFC221201600		-		-		-	
ISO 11237 2SC	Ferrule outer Φ	23	0,906	28	1,102	32	1,260	33	1,299	40	1,575	47	1,850	-		-		-	
SAE 100 R16	Hose outer Φ	14,1	0,555	17,7	0,697	20,8	0,819	24,6	0,969	27,8	1,094	35,8	1,409	-		-		-	
EN 857 2SC	Insert lenght	22,5	0,886	23,5	0,925	26,4	1,039	29,8	1,173	34,9	1,374	42	1,654	-		-		-	
	CRIMP Φ (mm/inch)	**17**	**0,669**	**22,3**	**0,878**	**25,4**	**1,000**	**29**	**1,142**	**31,7**	**1,248**	**39,2**	**1,543**	-		-		-	
M2T	Ferrule	**(43)** ZPFC221200400		**(43)** ZPFC221200600		**(43)** ZPFC221200800		**(43)** ZPFC221201000		**(43)** ZPFC221201200		**(43)** ZPFC221201600		-		-		-	
Meets	Ferrule outer Φ	23	0,906	28	1,102	32	1,260	33	1,299	40	1,575	47	1,850	-		-		-	
EN 853 2SN / EN 857 2SC	Hose outer Φ	13,7	0,539	17,5	0,689	20,8	0,819	24,1	0,949	27,9	1,098	35,1	1,382	-		-		-	
ISO 11237 R16 / R17	Insert lenght	22,5	0,886	23,5	0,925	26,4	1,039	29,8	1,173	34,9	1,374	42	1,654	-		-		-	
ISO1436 R2 / ISO11237 R19	CRIMP Φ (mm/inch)	**17,5**	**0,689**	**22,2**	**0,874**	**25,5**	**1,004**	**28,9**	**1,138**	**32,7**	**1,287**	**39,4**	**1,551**	-		-		-	
MXT	Ferrule	**(43)** ZPFC221200400		**(43)** ZPFC221200600		**(43)** ZPFC221200800		**(43)** ZPFC221201000		**(43)** ZPFC221201200		**(43)** ZPFC221201600		-		-		-	
Exceeds	Ferrule outer Φ	23	0,906	28	1,102	32	1,260	33	1,299	40	1,575	47	1,850	-		-		-	
EN 853 2SN / EN 857 2SC	Hose outer Φ	13,7	0,539	17,1	0,673	20,2	0,795	24	0,945	27,4	1,079	35,1	1,382	-		-		-	
ISO 11237 R16 / R17	Insert lenght	22,5	0,886	23,5	0,925	26,4	1,039	29,8	1,173	34,9	1,374	42	1,654	-		-		-	
ISO1436 R2 / ISO11237 R19	CRIMP Φ (mm/inch)	**17,2**	**0,677**	**21,5**	**0,846**	**25,3**	**0,996**	**28,2**	**1,110**	**32,2**	**1,268**	**40**	**1,575**	-		-		-	
M3K	Ferrule	**(43)** ZPFC221200400		**(43)** ZPFC221200600		**(43)** ZPFC221200800		**(43)** ZPFC221201000		**(43)** ZPFC221201200		**(43)** ZPFC221201600		-		-		-	
ISO 11237 R17	Ferrule outer Φ	23	0,906	28	1,102	32	1,260	33	1,299	40	1,575	47	1,850	-		-		-	
EN 857 1SC/2SC	Hose outer Φ	12,2	0,480	16	0,630	20,2	0,795	25,2	0,992	29	1,142	37,7	1,484	-		-		-	
ISOBARIC 225 BAR	Insert lenght	22,5	0,886	23,5	0,925	26,4	1,039	29,8	1,173	34,9	1,374	42	1,654	-		-		-	
	CRIMP Φ (mm/inch)	**15,9**	**0,626**	**21**	**0,827**	**22,5**	**0,886**	**29,8**	**1,173**	**32,5**	**1,280**	**40,5**	**1,594**	-		-		-	
M4K	Ferrule	**(43)** ZPFC221200400		**(43)** ZPFC221200600		**(43)** ZPFC221200800		**(43)** ZPFC221201000		**(43)** ZPFC221201200		**(43)** ZPFC221201600		-		-		-	
ISO 11237 R19	Ferrule outer Φ	23	0,906	28	1,102	32	1,260	33	1,299	40	1,575	47	1,850	-		-		-	
EN 857 2SC	Hose outer Φ	13,7	0,539	17,5	0,689	20,8	0,819	25	0,984	29,1	1,146	37,6	1,480	-		-		-	
ISOBARIC 280 BAR	Insert lenght	22,5	0,886	23,5	0,925	26,4	1,039	29,8	1,173	34,9	1,374	42	1,654	-		-		-	
	CRIMP Φ (mm/inch)	**17,5**	**0,689**	**22,4**	**0,882**	**25,5**	**1,004**	**29,5**	**1,161**	**32,7**	**1,287**	**40,5**	**1,594**	-		-		-	
M5K	Ferrule	**(43)** ZPFC221200400		**(43)** ZPFC221200600		**(43)** ZPFC221200800		-		-		-		-		-		-	
ISO 11237	Ferrule outer Φ	23	0,906	28	1,102	29	1,142	-		-		-		-		-		-	
EN 857 2SC	Hose outer Φ	13,7	0,539	17,5	0,689	21,9	0,862	-		-		-		-		-		-	
ISOBARIC 350 BAR	Insert lenght	22,5	0,886	23,5	0,925	26,4	1,039	-		-		-		-		-		-	
ZPFC221200400	CRIMP Φ (mm/inch)	**17**	**0,669**	**20,9**	**0,823**	**24,8**	**0,976**	-		-		-		-		-		-	
M6K	Ferrule	**(43)** ZPFC221200400		-		-		-		-		-		-		-		-	
ISO 11237	Ferrule outer Φ	23	0,906	-		-		-		-		-		-		-		-	
EN 857 2SC	Hose outer Φ	14,9	0,587	-		-		-		-		-		-		-		-	
ISOBARIC 420 BAR	Insert lenght	22,5	0,886	-		-		-		-		-		-		-		-	
	CRIMP Φ (mm/inch)	**18,6**	**0,732**	-		-		-		-		-		-		-		-	