



Electronic Crimp Data



Current Revision: 157, 2020-04-07

Print Date: 2020-07-01

Refer to electronic crimp data at ecrimp.gates.eu for the current crimp settings. Crimp data may sometimes change. Printed crimp specifications are uncontrolled, and should be re-printed every 6 months or any time a new eCrimp revision is released. All settings are APPROXIMATE. Always check the final crimp OD to ensure the crimp has been properly formed.

Crimp and Machine Specifications for K2503

Hose				Stem	Ferrule	Specifications								
Dash Size	Description	Size (mm)	Working Pressure (MPa)	Type	Description	Skive Length (mm) (+/- 0.75)	Skive Diameter (mm)	Crimp Insertion Length (mm) (+/- 0.75)	Crimp Length (mm) (+/- 0.75)	Crimp Outside Diameter (mm)	Crimp Outside Diameter Tolerance (+/-)	Crimp Tail Length (mm) (+/- 2.5)	Die Set	Approximate Setting
4	M4K	6.0	28.0	4G	One-Piece	NONE	NONE	FULL	FULL	18.15	0.25	NONE	D21	70
5	M4K	8.0	28.0	5G	One-Piece	NONE	NONE	FULL	FULL	20.20	0.25	NONE	D22	75
6	M4K	10.0	28.0	6G	One-Piece	NONE	NONE	FULL	FULL	21.85	0.25	NONE	D22	68
8	M4K	12.0	28.0	8G	One-Piece	NONE	NONE	FULL	FULL	26.05	0.25	NONE	D33	70
10	M4K	16.0	28.0	10G	One-Piece	NONE	NONE	FULL	FULL	29.35	0.25	NONE	D34	72
12	M4K	19.0	28.0	12G	One-Piece	NONE	NONE	FULL	FULL	35.45	0.25	NONE	D35	67

Crimp and Machine Specifications for K4003

Hose				Stem	Ferrule	Specifications								
Dash Size	Description	Size (mm)	Working Pressure (MPa)	Type	Description	Skive Length (mm) (+/- 0.75)	Skive Diameter (mm)	Crimp Insertion Length (mm) (+/- 0.75)	Crimp Length (mm) (+/- 0.75)	Crimp Outside Diameter (mm)	Crimp Outside Diameter Tolerance (+/-)	Crimp Tail Length (mm) (+/- 2.5)	Die Set	Approximate Setting
4	M4K	6.0	28.0	4G	One-Piece	NONE	NONE	FULL	FULL	18.15	0.25	NONE	D21	70
5	M4K	8.0	28.0	5G	One-Piece	NONE	NONE	FULL	FULL	20.20	0.25	NONE	D22	75
6	M4K	10.0	28.0	6G	One-Piece	NONE	NONE	FULL	FULL	21.85	0.25	NONE	D22	68
8	M4K	12.0	28.0	8G	One-Piece	NONE	NONE	FULL	FULL	26.05	0.25	NONE	D33	70
10	M4K	16.0	28.0	10G	One-Piece	NONE	NONE	FULL	FULL	29.35	0.25	NONE	D34	72
12	M4K	19.0	28.0	12G	One-Piece	NONE	NONE	FULL	FULL	35.45	0.25	NONE	D35	67

Crimp and Machine Specifications for K7003

Hose				Stem	Ferrule	Specifications								
Dash Size	Description	Size (mm)	Working Pressure (MPa)	Type	Description	Skive Length (mm) (+/- 0.75)	Skive Diameter (mm)	Crimp Insertion Length (mm) (+/- 0.75)	Crimp Length (mm) (+/- 0.75)	Crimp Outside Diameter (mm)	Crimp Outside Diameter Tolerance (+/-)	Crimp Tail Length (mm) (+/- 2.5)	Die Set	Approximate Setting
4	M4K	6.0	28.0	4G	One-Piece	NONE	NONE	FULL	FULL	18.15	0.25	NONE	D21	70
5	M4K	8.0	28.0	5G	One-Piece	NONE	NONE	FULL	FULL	20.20	0.25	NONE	D22	75
6	M4K	10.0	28.0	6G	One-Piece	NONE	NONE	FULL	FULL	21.85	0.25	NONE	D22	68
8	M4K	12.0	28.0	8G	One-Piece	NONE	NONE	FULL	FULL	26.05	0.25	NONE	D33	70
10	M4K	16.0	28.0	10G	One-Piece	NONE	NONE	FULL	FULL	29.35	0.25	NONE	D34	72
12	M4K	19.0	28.0	12G	One-Piece	NONE	NONE	FULL	FULL	35.45	0.25	NONE	D35	67

Crimp and Machine Specifications for MC1001

Hose				Stem	Ferrule	Specifications								
Dash Size	Description	Size (mm)	Working Pressure (MPa)	Type	Description	Skive Length (mm) (+/- 0.75)	Skive Diameter (mm)	Crimp Insertion Length (mm) (+/- 0.75)	Crimp Length (mm) (+/- 0.75)	Crimp Outside Diameter (mm)	Crimp Outside Diameter Tolerance (+/-)	Crimp Tail Length (mm) (+/- 2.5)	Die Set	Approximate Setting
4	M4K	6.0	28.0	4G	One-Piece	NONE	NONE	FULL	FULL	18.15	0.25	NONE	D21	70
5	M4K	8.0	28.0	5G	One-Piece	NONE	NONE	FULL	FULL	20.20	0.25	NONE	D22	75
6	M4K	10.0	28.0	6G	One-Piece	NONE	NONE	FULL	FULL	21.85	0.25	NONE	D22	68
8	M4K	12.0	28.0	8G	One-Piece	NONE	NONE	FULL	FULL	26.05	0.25	NONE	D33	70
10	M4K	16.0	28.0	10G	One-Piece	NONE	NONE	FULL	FULL	29.35	0.25	NONE	D34	72
12	M4K	19.0	28.0	12G	One-Piece	NONE	NONE	FULL	FULL	35.45	0.25	NONE	D35	67

Crimp and Machine Specifications for MC2000

Hose				Stem	Ferrule	Specifications								
Dash Size	Description	Size (mm)	Working Pressure (MPa)	Type	Description	Skive Length (mm) (+/- 0.75)	Skive Diameter (mm)	Crimp Insertion Length (mm) (+/- 0.75)	Crimp Length (mm) (+/- 0.75)	Crimp Outside Diameter (mm)	Crimp Outside Diameter Tolerance (+/-)	Crimp Tail Length (mm) (+/- 2.5)	Die Set	Approximate Setting
4	M4K	6.0	28.0	4G	One-Piece	NONE	NONE	FULL	FULL	18.15	0.25	NONE	D21	200
4	M4K	6.0	28.0	4G	One-Piece	NONE	NONE	FULL	FULL	18.15	0.25	NONE	D31B	200
5	M4K	8.0	28.0	5G	One-Piece	NONE	NONE	FULL	FULL	20.20	0.25	NONE	D22	125
5	M4K	8.0	28.0	5G	One-Piece	NONE	NONE	FULL	FULL	20.20	0.25	NONE	D32	125
6	M4K	10.0	28.0	6G	One-Piece	NONE	NONE	FULL	FULL	21.85	0.25	NONE	D22	265
8	M4K	12.0	28.0	8G	One-Piece	NONE	NONE	FULL	FULL	26.05	0.25	NONE	D33	195
10	M4K	16.0	28.0	10G	One-Piece	NONE	NONE	FULL	FULL	29.35	0.25	NONE	D34	163
12	M4K	19.0	28.0	12G	One-Piece	NONE	NONE	FULL	FULL	35.45	0.25	NONE	D35	260
16	M4K	25.0	28.0	16GS	16GS1F-4	NONE	NONE	FULL	FULL	43.70	0.25	NONE	D37	156

Crimp and Machine Specifications for MC2501

Hose				Stem	Ferrule	Specifications								
Dash Size	Description	Size (mm)	Working Pressure (MPa)	Type	Description	Skive Length (mm) (+/- 0.75)	Skive Diameter (mm)	Crimp Insertion Length (mm) (+/- 0.75)	Crimp Length (mm) (+/- 0.75)	Crimp Outside Diameter (mm)	Crimp Outside Diameter Tolerance (+/-)	Crimp Tail Length (mm) (+/- 2.5)	Die Set	Approximate Setting
4	M4K	6.0	28.0	4G	One-Piece	NONE	NONE	FULL	FULL	18.15	0.25	NONE	D21	200
4	M4K	6.0	28.0	4G	One-Piece	NONE	NONE	FULL	FULL	18.15	0.25	NONE	D31B	200
5	M4K	8.0	28.0	5G	One-Piece	NONE	NONE	FULL	FULL	20.20	0.25	NONE	D22	125
5	M4K	8.0	28.0	5G	One-Piece	NONE	NONE	FULL	FULL	20.20	0.25	NONE	D32	125
6	M4K	10.0	28.0	6G	One-Piece	NONE	NONE	FULL	FULL	21.85	0.25	NONE	D22	265
8	M4K	12.0	28.0	8G	One-Piece	NONE	NONE	FULL	FULL	26.05	0.25	NONE	D33	195
10	M4K	16.0	28.0	10G	One-Piece	NONE	NONE	FULL	FULL	29.35	0.25	NONE	D34	163
12	M4K	19.0	28.0	12G	One-Piece	NONE	NONE	FULL	FULL	35.45	0.25	NONE	D35	260
16	M4K	25.0	28.0	16GS	16GS1F-4	NONE	NONE	FULL	FULL	43.70	0.25	NONE	D37	156

Crimp and Machine Specifications for MC3001

Hose				Stem	Ferrule	Specifications								
Dash Size	Description	Size (mm)	Working Pressure (MPa)	Type	Description	Skive Length (mm) (+/- 0.75)	Skive Diameter (mm)	Crimp Insertion Length (mm) (+/- 0.75)	Crimp Length (mm) (+/- 0.75)	Crimp Outside Diameter (mm)	Crimp Outside Diameter Tolerance (+/-)	Crimp Tail Length (mm) (+/- 2.5)	Die Set	Approximate Setting
4	M4K	6.0	28.0	4G	One-Piece	NONE	NONE	FULL	FULL	18.15	0.25	NONE	D21	200
4	M4K	6.0	28.0	4G	One-Piece	NONE	NONE	FULL	FULL	18.15	0.25	NONE	D31B	200
5	M4K	8.0	28.0	5G	One-Piece	NONE	NONE	FULL	FULL	20.20	0.25	NONE	D22	125
5	M4K	8.0	28.0	5G	One-Piece	NONE	NONE	FULL	FULL	20.20	0.25	NONE	D32	125
6	M4K	10.0	28.0	6G	One-Piece	NONE	NONE	FULL	FULL	21.85	0.25	NONE	D22	265
8	M4K	12.0	28.0	8G	One-Piece	NONE	NONE	FULL	FULL	26.05	0.25	NONE	D33	195
10	M4K	16.0	28.0	10G	One-Piece	NONE	NONE	FULL	FULL	29.35	0.25	NONE	D34	163
12	M4K	19.0	28.0	12G	One-Piece	NONE	NONE	FULL	FULL	35.45	0.25	NONE	D35	260
16	M4K	25.0	28.0	16GS	16GS1F-4	NONE	NONE	FULL	FULL	43.70	0.25	NONE	D37	156

Crimp and Machine Specifications for MC5001

Hose				Stem	Ferrule	Specifications								
Dash Size	Description	Size (mm)	Working Pressure (MPa)	Type	Description	Skive Length (mm) (+/- 0.75)	Skive Diameter (mm)	Crimp Insertion Length (mm) (+/- 0.75)	Crimp Length (mm) (+/- 0.75)	Crimp Outside Diameter (mm)	Crimp Outside Diameter Tolerance (+/-)	Crimp Tail Length (mm) (+/- 2.5)	Die Set	Approximate Setting
4	M4K	6.0	28.0	4G	One-Piece	NONE	NONE	FULL	FULL	18.15	0.25	NONE	D21	200
4	M4K	6.0	28.0	4G	One-Piece	NONE	NONE	FULL	FULL	18.15	0.25	NONE	D31B	200
5	M4K	8.0	28.0	5G	One-Piece	NONE	NONE	FULL	FULL	20.20	0.25	NONE	D22	125
5	M4K	8.0	28.0	5G	One-Piece	NONE	NONE	FULL	FULL	20.20	0.25	NONE	D32	125
6	M4K	10.0	28.0	6G	One-Piece	NONE	NONE	FULL	FULL	21.85	0.25	NONE	D22	265
8	M4K	12.0	28.0	8G	One-Piece	NONE	NONE	FULL	FULL	26.05	0.25	NONE	D33	195
10	M4K	16.0	28.0	10G	One-Piece	NONE	NONE	FULL	FULL	29.35	0.25	NONE	D34	163
12	M4K	19.0	28.0	12G	One-Piece	NONE	NONE	FULL	FULL	35.45	0.25	NONE	D35	260
16	M4K	25.0	28.0	16GS	16GS1F-4	NONE	NONE	FULL	FULL	43.70	0.25	NONE	D37	156

Crimp and Machine Specifications for MCX20

Hose				Stem	Ferrule	Specifications								
Dash Size	Description	Size (mm)	Working Pressure (MPa)	Type	Description	Skive Length (mm) (+/- 0.75)	Skive Diameter (mm)	Crimp Insertion Length (mm) (+/- 0.75)	Crimp Length (mm) (+/- 0.75)	Crimp Outside Diameter (mm)	Crimp Outside Diameter Tolerance (+/-)	Crimp Tail Length (mm) (+/- 2.5)	Die Set	Approximate Setting
4	M4K	6.0	28.0	4G	One-Piece	NONE	NONE	FULL	FULL	18.15	0.25	NONE	D21	1.25
5	M4K	8.0	28.0	5G	One-Piece	NONE	NONE	FULL	FULL	20.20	0.25	NONE	D22	0.25
5	M4K	8.0	28.0	5G	One-Piece	NONE	NONE	FULL	FULL	20.20	0.25	NONE	D32	0.25
6	M4K	10.0	28.0	6G	One-Piece	NONE	NONE	FULL	FULL	21.85	0.25	NONE	D22	2.15
8	M4K	12.0	28.0	8G	One-Piece	NONE	NONE	FULL	FULL	26.05	0.25	NONE	D33	1.80
10	M4K	16.0	28.0	10G	One-Piece	NONE	NONE	FULL	FULL	29.35	0.25	NONE	D34	1.10
12	M4K	19.0	28.0	12G	One-Piece	NONE	NONE	FULL	FULL	35.45	0.25	NONE	D35	2.50
16	M4K	25.0	28.0	16GS	16GS1F-4	NONE	NONE	FULL	FULL	43.70	0.25	NONE	D37	0.55

Crimp and Machine Specifications for MCX25

Hose				Stem	Ferrule	Specifications								
Dash Size	Description	Size (mm)	Working Pressure (MPa)	Type	Description	Skive Length (mm) (+/- 0.75)	Skive Diameter (mm)	Crimp Insertion Length (mm) (+/- 0.75)	Crimp Length (mm) (+/- 0.75)	Crimp Outside Diameter (mm)	Crimp Outside Diameter Tolerance (+/-)	Crimp Tail Length (mm) (+/- 2.5)	Die Set	Approximate Setting
4	M4K	6.0	28.0	4G	One-Piece	NONE	NONE	FULL	FULL	18.15	0.25	NONE	D21	1.25
4	M4K	6.0	28.0	4G	One-Piece	NONE	NONE	FULL	FULL	18.15	0.25	NONE	D31B	1.25
5	M4K	8.0	28.0	5G	One-Piece	NONE	NONE	FULL	FULL	20.20	0.25	NONE	D22	0.25
6	M4K	10.0	28.0	6G	One-Piece	NONE	NONE	FULL	FULL	21.85	0.25	NONE	D22	2.15
8	M4K	12.0	28.0	8G	One-Piece	NONE	NONE	FULL	FULL	26.05	0.25	NONE	D33	1.80
10	M4K	16.0	28.0	10G	One-Piece	NONE	NONE	FULL	FULL	29.35	0.25	NONE	D34	1.10
12	M4K	19.0	28.0	12G	One-Piece	NONE	NONE	FULL	FULL	35.45	0.25	NONE	D35	2.50
16	M4K	25.0	28.0	16GS	16GS1F-4	NONE	NONE	FULL	FULL	43.70	0.25	NONE	D37	0.55

Crimp and Machine Specifications for MCX30

Hose				Stem	Ferrule	Specifications								
Dash Size	Description	Size (mm)	Working Pressure (MPa)	Type	Description	Skive Length (mm) (+/- 0.75)	Skive Diameter (mm)	Crimp Insertion Length (mm) (+/- 0.75)	Crimp Length (mm) (+/- 0.75)	Crimp Outside Diameter (mm)	Crimp Outside Diameter Tolerance (+/-)	Crimp Tail Length (mm) (+/- 2.5)	Die Set	Approximate Setting
4	M4K	6.0	28.0	4G	One-Piece	NONE	NONE	FULL	FULL	18.15	0.25	NONE	D21	1.25
4	M4K	6.0	28.0	4G	One-Piece	NONE	NONE	FULL	FULL	18.15	0.25	NONE	D31B	1.25
5	M4K	8.0	28.0	5G	One-Piece	NONE	NONE	FULL	FULL	20.20	0.25	NONE	D22	0.25
5	M4K	8.0	28.0	5G	One-Piece	NONE	NONE	FULL	FULL	20.20	0.25	NONE	D32	0.25
6	M4K	10.0	28.0	6G	One-Piece	NONE	NONE	FULL	FULL	21.85	0.25	NONE	D22	2.15
8	M4K	12.0	28.0	8G	One-Piece	NONE	NONE	FULL	FULL	26.05	0.25	NONE	D33	1.80
10	M4K	16.0	28.0	10G	One-Piece	NONE	NONE	FULL	FULL	29.35	0.25	NONE	D34	1.10
12	M4K	19.0	28.0	12G	One-Piece	NONE	NONE	FULL	FULL	35.45	0.25	NONE	D35	2.50
16	M4K	25.0	28.0	16GS	16GS1F-4	NONE	NONE	FULL	FULL	43.70	0.25	NONE	D37	0.55

Crimp and Machine Specifications for MCX50₁

Hose				Stem	Ferrule	Specifications								
Dash Size	Description	Size (mm)	Working Pressure (MPa)	Type	Description	Skive Length (mm) (+/- 0.75)	Skive Diameter (mm)	Crimp Insertion Length (mm) (+/- 0.75)	Crimp Length (mm) (+/- 0.75)	Crimp Outside Diameter (mm)	Crimp Outside Diameter Tolerance (+/-)	Crimp Tail Length (mm) (+/- 2.5)	Die Set	Approximate Setting
4	M4K	6.0	28.0	4G	One-Piece	NONE	NONE	FULL	FULL	18.15	0.25	NONE	D21	1.25
4	M4K	6.0	28.0	4G	One-Piece	NONE	NONE	FULL	FULL	18.15	0.25	NONE	D31B	1.25
5	M4K	8.0	28.0	5G	One-Piece	NONE	NONE	FULL	FULL	20.20	0.25	NONE	D22	0.25
5	M4K	8.0	28.0	5G	One-Piece	NONE	NONE	FULL	FULL	20.20	0.25	NONE	D32	0.25
6	M4K	10.0	28.0	6G	One-Piece	NONE	NONE	FULL	FULL	21.85	0.25	NONE	D22	2.15
8	M4K	12.0	28.0	8G	One-Piece	NONE	NONE	FULL	FULL	26.05	0.25	NONE	D33	1.80
10	M4K	16.0	28.0	10G	One-Piece	NONE	NONE	FULL	FULL	29.35	0.25	NONE	D34	1.10
12	M4K	19.0	28.0	12G	One-Piece	NONE	NONE	FULL	FULL	35.45	0.25	NONE	D35	2.50
16	M4K	25.0	28.0	16GS	16GS1F-4 1	NONE	NONE	FULL	FULL	43.70	0.25	NONE	D37	0.55

1. Use coupling location -2.00mm for Male GS Couplings with Back-up Hex

Crimp and Machine Specifications for S8003

Hose				Stem	Ferrule	Specifications								
Dash Size	Description	Size (mm)	Working Pressure (MPa)	Type	Description	Skive Length (mm) (+/- 0.75)	Skive Diameter (mm)	Crimp Insertion Length (mm) (+/- 0.75)	Crimp Length (mm) (+/- 0.75)	Crimp Outside Diameter (mm)	Crimp Outside Diameter Tolerance (+/-)	Crimp Tail Length (mm) (+/- 2.5)	Die Set	Approximate Setting
4	M4K	6.0	28.0	4G	One-Piece	NONE	NONE	FULL	FULL	18.15	0.25	NONE	D21	70
5	M4K	8.0	28.0	5G	One-Piece	NONE	NONE	FULL	FULL	20.20	0.25	NONE	D22	75
6	M4K	10.0	28.0	6G	One-Piece	NONE	NONE	FULL	FULL	21.85	0.25	NONE	D22	68
8	M4K	12.0	28.0	8G	One-Piece	NONE	NONE	FULL	FULL	26.05	0.25	NONE	D33	70
10	M4K	16.0	28.0	10G	One-Piece	NONE	NONE	FULL	FULL	29.35	0.25	NONE	D34	72
12	M4K	19.0	28.0	12G	One-Piece	NONE	NONE	FULL	FULL	35.45	0.25	NONE	D35	67