

Texcel TC165 Crimp Chart

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Version 1.3

2/3/2026

Note: All settings are target settings only and must be verified by user.

TEXCEL HOSE TYPE		DASH SIZE	INCH SIZE	DN SIZE	COUPLING SERIES	Ø Crimp OD +/- 0,1mm	Ø Crimp OD +/- 0.004"	Crimp Length	Die Size	Approximate Setting	Insertion Depth
HB3K, HB3KXT ISOBARIC BRAID 3000 PSI HOSE											
HB3K-4	HB3KXT-4	04	1/4"	6	F2	16.10	0.634	FULL	16	0.10	0.925
HB3K-6	HB3KXT-6	06	3/8"	10	F2	19.50	0.768	FULL	19	0.50	1.003
HB3K-8	HB3KXT08	08	1/2"	12	F2	23.20	0.913	FULL	23	0.20	1.141
HB3K-10		10	5/8"	16	F2	28.10	1.106	FULL	27	1.10	1.259
HB3K-12	HB3KXT-12	12	3/4"	19	F2	31.60	1.244	FULL	31	0.60	1.397
HB3K-16	HB3KXT-16	16	1"	25	F2	38.90	1.531	FULL	38	0.90	1.771
HB3K-10, HB3K-12, HB3K-16 (F4)											
HB3K-10		10	5/8"	16	F4	28.90	1.138	FULL	27	1.90	1.201
HB3K-12	HB3KXT-12	12	3/4"	19	F4	33.20	1.307	FULL	31	2.20	1.397
HB3K-16	HB3KXT-16	16	1"	25	F4	40.40	1.591	FULL	38	2.40	1.889
HB4K ISOBARIC BRAID 4000 PSI HOSE											
HB4K-6		06	3/8"	10	F2	20.80	0.819	FULL	19	1.80	1.003
HB4K-8		08	1/2"	12	F2	24.30	0.957	FULL	23	1.30	1.141
HB4K-10	HB4KXT-10	10	5/8"	16	F2	28.20	1.110	FULL	27	1.20	1.259
HB4K-12		12	3/4"	19	F2	31.10	1.224	FULL	31	0.10	1.397
HB4K-10, HB4K-12 (F4)											
HB4K-10		10	5/8"	16	F4	28.90	1.138	FULL	27	1.90	1.201
HB4K-12		12	3/4"	19	F4	32.80	1.291	FULL	31	1.80	1.397
HB5K, HB5KXT ISOBARIC BRAID 5000 PSI HOSE											
HB5K-4	HB5KXT-4	04	1/4"	6	F2	16.90	0.665	FULL	16	0.90	0.925
HB5K-6	HB5KXT-6	06	3/8"	10	F2	20.90	0.823	FULL	19	1.90	1.003
HB5K-8	HB5KXT-8	08	1/2"	12	F2	24.20	0.953	FULL	23	1.20	1.141
HB5K-10		10	5/8"	16	F2	29.40	1.157	FULL	27	2.40	1.259
HB5K-10 (F4)											
HB5K-10		10	5/8"	16	F4	29.20	1.150	FULL	27	2.20	1.201
HB6K ISOBARIC BRAID 6000 PSI HOSE											
HB6K-4		04	1/4"	6	F2	16.90	0.665	FULL	16	0.90	0.925
HB6K-6		06	3/8"	10	F2	20.80	0.819	FULL	19	1.80	1.003

TEXCEL HOSE TYPE	DASH SIZE	INCH SIZE	DN SIZE	COUPLING SERIES	Ø Crimp OD +/- 0,1mm	Ø Crimp OD +/- 0.004"	Crimp Length	Die Size	Approximate Setting	Insertion Depth
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HBR1 SAE 100R1AT BRAIDED HOSE										
HBR1-4	04	1/4"	6	F2	16.20	0.638	FULL	16	0.20	0.925
HBR1-6	06	3/8"	10	F2	20.60	0.811	FULL	19	1.60	1.003
HBR1-8	08	1/2"	12	F2	23.90	0.941	FULL	23	0.90	1.141
HBR1-10	10	5/8"	16	F2	27.70	1.091	FULL	27	0.70	1.259
HBR1-12	12	3/4"	19	F2	31.10	1.224	FULL	31	0.10	1.397
HBR1-16	16	1"	25	F2	39.30	1.547	FULL	38	1.30	1.771
HBR1-10	10	5/8"	16	F4	28.20	1.110	FULL	27	1.20	1.201
HBR1-12	12	3/4"	19	F4	32.20	1.268	FULL	31	1.20	1.397
HBR1-16	16	1"	25	F4	39.90	1.571	FULL	38	1.90	1.889
HBR1-20 #	20	1 1/4"	31	F4	48.80	1.921	FULL	48L***	0.80	2.185

HBR2 SAE 100R2AT BRAIDED HOSE										
HBR2-4	04	1/4"	6	F2	17.30	0.681	FULL	16	1.30	0.925
HBR2-6	06	3/8"	10	F2	21.80	0.858	FULL	19	2.80	1.003
HBR2-8	08	1/2"	12	F2	25.10	0.988	FULL	23	2.10	1.141
HBR2-10	10	5/8"	16	F2	28.50	1.122	FULL	27	1.50	1.259
HBR2-12	12	3/4"	19	F2	32.20	1.268	FULL	31	1.20	1.397
HBR2-16	16	1"	25	F2	40.30	1.587	FULL	38	2.30	1.771
HBR2-10	10	5/8"	16	F4	29.60	1.165	FULL	27	2.60	1.201
HBR2-12	12	3/4"	19	F4	33.90	1.335	FULL	31	2.90	1.397
HBR2-16	16	1"	25	F4	42.10	1.657	FULL	38	4.10	1.889
HBR2-20 #	20	1 1/4"	31	F4	51.90	2.043	FULL	48L***	3.90	2.185

HHT2 SAE 100R2AT BRAIDED HOSE										
HHT2-4	04	1/4"	6	F2	18.30	0.720	FULL	16	2.30	0.925
HHT2-6	06	3/8"	10	F2	22.40	0.882	FULL	19	3.40	1.003
HHT2-8	08	1/2"	12	F2	25.60	1.008	FULL	23	2.60	1.141
HHT2-12	12	3/4"	19	F2	33.00	1.299	FULL	31	2.00	1.397
HHT2-16	16	1"	25	F2	40.50	1.594	FULL	38	2.50	1.771

HBJK 10,000 PSI JACK HOSE										
HBJK-04	04	1/4"	6	F2	17.00	0.669	FULL	16	1.00	0.925
HBJK-06	06	3/8"	10	F2	21.20	0.835	FULL	19	2.20	1.003

TEXCEL HOSE TYPE	DASH SIZE	INCH SIZE	DN SIZE	COUPLING SERIES	Ø Crimp OD +/- 0,1mm	Ø Crimp OD +/- 0.004"	Crimp Length	Die Size	Approximate Setting	Insertion Depth
HS3K ISOBARIC SPIRAL 3000 PSI HOSE										
HS3K-20 #	20	1 1/4"	31	F4	51.80	2.039	FULL	48L***	3.80	2.185
HS4K ISOBARIC SPIRAL 4000 PSI HOSE										
HS4K-10	10	5/8"	16	F4	30.70	1.209	FULL	27	3.70	1.201
HS4K-12	12	3/4"	19	F4	34.90	1.374	FULL	34	0.90	1.397
HS4K-16	16	1"	25	F4	41.60	1.638	FULL	38	3.60	1.889
HS4K-20 #	20	1 1/4"	31	F4	51.80	2.039	FULL	48L***	3.80	2.185
HS5K, HS5KXT ISOBARIC SPIRAL 5000 PSI HOSE										
HS5K-8	08	1/2"	12	F4	26.10	1.028	FULL	23	3.10	1.122
HS5K-10	10	5/8"	16	F4	30.10	1.185	FULL	27	3.10	1.201
HS5K-12	12	3/4"	19	F4	34.60	1.362	FULL	34	0.60	1.397
HS5K-16	16	1"	25	F4	42.60	1.677	FULL	38	4.60	1.889
HS5K-20 #	20	1 1/4"	31	F4	51.80	2.039	FULL	48L***	3.80	2.185
HS6K ISOBARIC SPIRAL 6000 PSI HOSE										
HS6K-8	08	1/2"	12	F4	26.40	1.039	FULL	23	3.40	1.122
HS6K-10	10	5/8"	16	F4	30.10	1.185	FULL	27	3.10	1.201
HS6K-12	12	3/4"	19	F4	34.80	1.370	FULL	34	0.80	1.397
HS6K-16	16	1"	25	F4	42.60	1.677	FULL	38	4.60	1.889
HBR4 SAE 100R4 SUCTION RETURN HOSE										
HBR4-12	12	3/4"	19	FS	30.78	1.212	FULL	27	3.78	0.996
	12	3/4"	19	F2	33.60	1.323	FULL	31	2.60	1.397
HBR4-16	16	1"	25	FS	38.86	1.530	FULL	34	4.86	1.137
	16	1"	25	F2	41.40	1.630	FULL	38	3.40	1.771
HBR4-20 #	20	1 1/4"	31	FS	44.86	1.766	FULL	38	6.86	1.520
	20	1 1/4"	31	F4	51.90	2.043	FULL	48L***	3.90	2.185

TEXCEL HOSE TYPE		DASH SIZE	INCH SIZE	DN SIZE	COUPLING SERIES	Ø Crimp OD +/- 0,1mm	Ø Crimp OD +/- 0.004"	Crimp Length	Die Size	Approximate Setting	Insertion Depth
HBR5, HBHTR5 SAE 100R5 BRAIDED HOSE											
HBR5-4	HBHTR5-4	04	3/16"	5	F5	15.50	0.610	FULL	14**	1.50	0.866
HBR5-5	HBHTR5-5	05	1/4"	6	F5	18.10	0.716	FULL	16	2.10	0.925
HBR5-6	HBHTR5-6	06	5/16"	8	F5	20.40	0.803	FULL	19	1.40	0.925
HBR5-8	HBHTR5-8	08	13/32"	10	F5	21.80	0.858	FULL	19	2.80	1.004
HBR5-10	HBHTR5-10	10	1/2"	12	F5	26.50	1.043	FULL	23	3.50	1.142
HBR5-12	HBHTR5-12	12	5/8"	16	F5	30.60	1.205	FULL	27	3.60	1.201
HBR5-16	HBHTR5-16	16	7/8"	22	F5	35.30	1.390	FULL	34	1.30	1.791
HBR5-20 #	HBHTR5-20 #	20	1 1/8"	28	F5	43.30	1.705	FULL	38	5.30	1.791

TR7, TTR7, TNCR7, TTNCR7 SAE 100R7 THERMOPLASTIC													
TR7-2				02	1/8"	4	FT	10.60	0.417	0.450*	10**	0.60	0.531
TR7-4	TTR7-4	TNCR7-4	TTNCR7-4	04	1/4"	6	FT	14.60	0.575	FULL	14**	0.60	0.906
TR7-6	TTR7-6	TNCR7-6	TTNCR7-6	06	3/8"	10	FT	18.80	0.740	FULL	16	2.80	1.004
TR7-8	TTR7-8	TNCR7-8	TTNCR7-8	08	1/2"	12	FT	24.20	0.953	FULL	23	1.20	1.142
TR7-12				12	3/4"	19	FT	30.70	1.209	1.180*	27	3.70	1.398

TR8, TTR8, TNCR8 SAE 100R8 THERMOPLASTIC													
TR8-4	TTR8-4	TNCR8-4		04	1/4"	6	FT	14.20	0.559	FULL	14**	0.20	0.906
TR8-6	TTR8-6	TNCR8-6		06	3/8"	10	FT	18.50	0.728	FULL	16	2.50	1.004
TR8-8	TTR8-8	TNCR8-8		08	1/2"	12	FT	23.50	0.925	FULL	23	0.50	1.142

BR14 SAE 100R14 TEFLON HOSE													
	BR14-4			04	1/4"	6	FT	12.60	0.496	0.748*	12**	0.60	0.906
	BR14-6			06	3/8"	10	FT	16.40	0.646	0.866*	16	0.40	1.004
	BR14-8			08	1/2"	12	FT	20.40	0.803	1.024*	19	1.40	1.142
	BR14-10			10	5/8"	16	FT	25.50	1.004	1.024*	23	2.50	1.260
	BR14-12			12	3/4"	19	FT	28.00	1.102	1.181*	27	1.00	1.398
	BR14-16			16	1"	25	FT	35.40	1.394	1.457*	34	1.40	1.772

TEXCEL HOSE TYPE	DASH SIZE	INCH SIZE	DN SIZE	COUPLING SERIES	Ø Crimp OD +/- 0,1mm	Ø Crimp OD +/- 0.004"	Crimp Length	Die Size	Approximate Setting	Insertion Depth
TEX-PUSH-ON 300 HOSE										
PUSH-4	04	1/4"	6	FT	15.80	0.622	FULL	14	1.80	0.906
PUSH-6	06	3/8"	10	FT	19.30	0.760	FULL	19	0.30	1.004
PUSH-8	08	1/2"	12	FT	23.10	0.909	FULL	23	0.10	1.142
PUSH-12	12	3/4"	19	FT	31.20	1.228	FULL	31	0.20	1.398
TEX-GS GENERAL SERVICE 250/300 AIR HOSE										
TEX-GS-4	04	1/4"	6	FT	16.00	0.630	FULL	16	0.00	0.906
TEX-GS-6	06	3/8"	10	FT	19.70	0.776	FULL	19	0.70	1.004
TEX-GS-8	08	1/2"	12	FT	25.00	0.984	FULL	23	2.00	1.142
TEX-MP MULTIPURPOSE 300 AIR HOSE										
TEX-MP-4	04	1/4"	6	FT	15.90	0.626	FULL	14	1.90	0.906
TEX-MP-6	06	3/8"	10	FT	19.70	0.776	FULL	19	0.70	1.004
TEX-MP-8	08	1/2"	12	FT	25.00	0.984	FULL	23	2.00	1.142

*** Crimp Length Measured From Tail Of Ferrule = Bubble Crimp**

****Optional Die Required**

Block style 90's require a notched pusher plate

*****To avoid die breakage ensure the ferrule does not extend beyond the bottom of the die fingers**

Bent tube 45 degree couplings require use of an optional TC165-Spacer Kit. Will not crimp F4-2020-FLHC45