

## TUBING CUTTER SPECIFICATIONS | 1

Part Number	Cutter OD (in.)	Net Explosive Content (g)	Explosive Class	Temperature Rating (°F) [°C]	UN ID	Hazard Class	EX (DOT) Number	EC Certificate	Pressure Rating (psi)	Tubing OD (in.)	Wall Thickness (in.)
1580T001 (STD)	1.580	12	HMX	400 [204]	0440	1.4D	2000090136	0080.EXP.09.0017	12,000	2¾	0.218
1680T001 (STD)	1.680	12	HMX	400 [204]	0440	1.4D	2000090136	0080.EXP.02.0023	12,000	2¾	0.218
1813T001 (STD)	1.813	12	HMX	400 [204]	0440	1.4D	2000090136	0080.EXP.02.0024	12,000	2¾	0.218
1580T001 (PRM)	1.580	12	HMX	400 [204]	0440	1.4D	2000090136	0080.EXP.09.0017	18,000	2¾	0.218
1580T101 (PRM)	1.580	38	HMX	400 [204]	0440	1.4D	2000090138	0080.EXP.02.0022	18,000	2¾	0.218
1680T001 (PRM)	1.680	12	HMX	400 [204]	0440	1.4D	2000090136	0080.EXP.02.0023	18,000	2¾	0.218
1680T001 GW (PRM)	1.680	5.9§	HMX	400 [204]	0440	1.4D	2000090136	0080.EXP.09.0017	7,000	2¾	0.218
1813T001 (PRM)	1.813	12	HMX	400 [204]	0440	1.4D	2000090136	0080.EXP.02.0024	18,000	2¾	0.218
1813T001 GW (PRM)	1.813	6.6§	HMX	400 [204]	0440	1.4D	2000090136	0080.EXP.09.0017	7,000	2¾	0.218
1680T001 HNS (PRM)	1.680	12	HNS†	500 [260]	0440	1.4D	2000090136	0080.EXP.09.0017	18,000	2¾	0.218
2063T001 (STD)	2.063	17	HMX	400 [204]	0440	1.4D	2000090136	0090.EXP.02.0025	12,000	2⅞	0.276
2125T001 (STD)	2.125	17	HMX	400 [204]	0440	1.4D	2000090136	0080.EXP.02.0026	12,000	2⅞	0.276
2250T001 (STD)	2.250	22.7	HMX	400 [204]	0440	1.4D	2000090136	0080.EXP.02.0028	12,000	2⅞	0.276
2063T001 (PRM)	2.063	17	HMX	400 [204]	0440	1.4D	2000090136	0080.EXP.02.0025	18,000	2⅞	0.276
2125T001 (PRM)	2.125	17	HMX	400 [204]	0440	1.4D	2000090136	0080.EXP.02.0026	18,000	2⅞	0.276
2125T001 GW (PRM)	2.125	10.3§	HMX	400 [204]	0440	1.4D	2000090136	0080.EXP.09.0017	7,000	2⅞	0.276
2125T101 (PRM)	2.125	38	HMX	400 [204]	0440	1.4D	2000090138	0080.EXP.02.0027	18,000	2⅞	0.276
2250T001 (PRM)	2.250	22.7	HMX	400 [204]	0440	1.4D	2000090136	0080.EXP.02.0028	18,000	2⅞	0.276
2250T001 GW (PRM)	2.250	12§	HMX	400 [204]	0440	1.4D	2000090136	0080.EXP.09.0017	7,000	2⅞	0.276
2250T101 (PRM)	2.250	38	HMX	400 [204]	0440	1.4D	2000090138	0080.EXP.02.0029	18,000	2⅞	0.276
2063T001 (RED)	2.063	17	HMX	400 [204]	0440	1.4D	2000090136	0080.EXP.02.0025	18,000	2⅞	0.276
2250T001 (RED)	2.250	22.7	HMX	400 [204]	0440	1.4D	2000090136	0080.EXP.02.0028	18,000	2⅞	0.276
1900S001 (T) (PRM)	1.900	20	HMX	400 [204]	0440	1.4D	2013040288	0080.EXP.07.0040	22,000	2⅞	0.340
2188T101 (RED)	2.188	36	HMX	400 [204]	0440	1.4D	2000090138	0080.EXP.09.0016	22,000	3⅞	0.435
2188T101 (PRM)	2.188	36	HMX	400 [204]	0440	1.4D	2000090138	0080.EXP.09.0016	22,000	3⅞	0.435
2500T101 (STD)	2.500	28.33	HMX	400 [204]	0440	1.4D	2000090138	0080.EXP.02.0031	12,000	3½	0.375
2750T101 (STD)	2.750	38	HMX	400 [204]	0440	1.4D	2000090138	0080.EXP.02.0037	12,000	3½	0.289

HMX explosive for all cutters rated at 400° for 1 hr, except cutters marked with †.

† HNS explosive rated at 500° for 1 hr.

§ Low explosive load cutter developed for low-pressure gas wells to minimize tubing flare.

## TUBING CUTTER SPECIFICATIONS | 2

Part Number	Cutter OD (in.)	Net Explosive Content (g)	Explosive Class	Temperature Rating (°F) [°C]	UN ID	Hazard Class	EX (DOT) Number	EC Certificate	Pressure Rating (psi)	Tubing OD (in.)	Wall Thickness (in.)
2500T001 (PRM)	2.500	22.7	HMX	400 [204]	0440	1.4D	2000090136	0080.EXP.02.0030	18,000	3½	0.289
2500T101 (PRM)	2.500	28.33	HMX	400 [204]	0440	1.4D	2000090138	0080.EXP.02.0031	18,000	3½	0.375
2650T101 (PRM)	2.650	34	HMX	400 [204]	0440	1.4D	2000090138	0080.EXP.02.0033	18,000	3½	0.254
2750T101 (PRM)	2.750	38	HMX	400 [204]	0440	1.4D	2000090138	0080.EXP.02.0037	18,000	3½	0.289
2500T001 (RED)	2.500	22.7	HMX	400 [204]	0440	1.4D	2000090136	0080.EXP.02.0030	18,000	3½	0.289
2650T101 (RED)	2.650	34	HMX	400 [204]	0440	1.4D	2000090138	0080.EXP.02.0033	18,000	3½	0.254
2750T001 (RED)	2.750	22.7	HMX	400 [204]	0440	1.4D	2000090136	0080.EXP.02.0036	18,000	3½	0.289
2252T101 (PRM)	2.252	35	HMX	400 [204]	0440	1.4D	2000090138	0080.EXP.09.0016	20,000	3½	0.460
2375T201 (PRM)	2.375	38	HMX	400 [204]	0440	1.4D	2000090138	0080.EXP.09.0016	18,000	3½	0.425
2500T201 (PRM)	2.500	38	HMX	400 [204]	0440	1.4D	2000090138	0080.EXP.09.0016	18,000	3½	0.400
2500T201 (PRM)	2.500	38	HMX	400 [204]	0440	1.4D	2000090138	0080.EXP.09.0016	18,000	3½	0.425
2500T201 HNS (PRM)	2.500	38	HNS†	500 [260]	0440	1.4D	2000090138	0080.EXP.09.0016	18,000	3½	0.289
2625T201 HNS (PRM)	2.625	38	HNS†	500 [260]	0440	1.4D	2000090138	0080.EXP.09.0016	18,000	3½	0.375
3500T301PA (STD)	3.500	59	HMX	400 [204]	0440	1.4D	2013040285	0080.EXP.10.0029	7,500	4½	0.410
2690T301 (RED)	2.690	52	HMX	400 [204]	0440	1.4D	2013040285	0080.EXP.09.0015	18,000	4½	0.365
3375T301 (RED)	3.375	59	HMX	400 [204]	0440	1.4D	2013040285	0080.EXP.09.0015	22,000	4½	0.410
3475T301 (RED)	3.475	59	HMX	400 [204]	0440	1.4D	2013040285	0080.EXP.09.0015	22,000	4½	0.410
2690T201 (PRM)	2.690	52	HMX	400 [204]	0440	1.4D	2003030306	0080.EXP.09.0018	18,000	4½	0.365
3375T201 (PRM)	3.375	59	HMX	400 [204]	0059	1.1D	2003030306	0080.EXP.09.0018	22,000	4½	0.410
3475T201 (PRM)	3.475	59	HMX	400 [204]	0059	1.1D	2003030306	0080.EXP.09.0018	22,000	4½	0.410
2690T301 (PRM)	2.690	52	HMX	400 [204]	0440	1.4D	2013040285	0080.EXP.09.0015	18,000	4½	0.365
3375T301 (PRM)	3.375	59	HMX	400 [204]	0440	1.4D	2013040285	0080.EXP.09.0015	22,000	4½	0.410
3475T301 (PRM)	3.475	59	HMX	400 [204]	0440	1.4D	2013040285	0080.EXP.09.0015	22,000	4½	0.410
3250T201 (PRM)	3.250	59	HMX	400 [204]	0059	1.1D	2003030306	0080.EXP.09.0018	22,000	5	0.362
3310T201 (PRM)	3.310	59	HMX	400 [204]	0059	1.1D	2003030306	0080.EXP.09.0018	18,500	5	0.362
3250T301 (PRM)	3.250	59	HMX	400 [204]	0440	1.4D	2013040285	0080.EXP.09.0015	22,000	5	0.362
3310T301 (PRM)	3.310	59	HMX	400 [204]	0440	1.4D	2013040285	0080.EXP.09.0015	18,500	5	0.362

HMX explosive for all cutters rated at 400° for 1 hr, except cutters marked with †.

† HNS explosive rated at 500° for 1 hr.

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## TUBING CUTTER SPECIFICATIONS | 3

Part Number	Cutter OD (in.)	Net Explosive Content (g)	Explosive Class	Temperature Rating (°F) [°C]	UN ID	Hazard Class	EX (DOT) Number	EC Certificate	Pressure Rating (psi)	Tubing OD (in.)	Wall Thickness (in.)
3500T301PA (STD)	3.500	59	HMX	400 [204]	0440	1.4D	2013040285	0080.EXP.10.0029	7,500	5½	0.420
3375T301 (RED)	3.375	59	HMX	400 [204]	0440	1.4D	2013040285	0080.EXP.09.0015	22,000	5½	0.420
3475T301 (RED)	3.475	59	HMX	400 [204]	0440	1.4D	2013040285	0080.EXP.09.0015	22,000	5½	0.420
4070T301 (RED)	4.070	76	HMX	400 [204]	0440	1.4D	2013040285	0080.EXP.09.0015	18,000	5½	0.500
4200T301 (RED)	4.200	76	HMX	400 [204]	0440	1.4D	2013040285	0080.EXP.09.0015	18,000	5½	0.500
3375T201 (PRM)	3.375	59	HMX	400 [204]	0059	1.1D	2003030306	0080.EXP.09.0018	22,000	5½	0.420
3475T201 (PRM)	3.475	59	HMX	400 [204]	0059	1.1D	2003030306	0080.EXP.09.0018	22,000	5½	0.420
4150T201 (PRM)	4.150	109.33	HMX	400 [204]	0059	1.1D	2003030306	0080.EXP.03.0062	18,000	5½	0.500
4200T201 (PRM)	4.200	109.33	HMX	400 [204]	0059	1.1D	2003030306	0080.EXP.09.0018	18,000	5½	0.500
3375T301 (PRM)	3.375	59	HMX	400 [204]	0440	1.4D	2013040285	0080.EXP.09.0015	22,000	5½	0.420
3475T301 (PRM)	3.475	59	HMX	400 [204]	0440	1.4D	2013040285	0080.EXP.09.0015	22,000	5½	0.420
4150T301 (PRM)	4.150	76	HMX	400 [204]	0440	1.4D	2013040285	0080.EXP.09.0015	18,000	5½	0.500
4070T201 (PRM)	4.070	109.33	HMX	400 [204]	0059	1.1D	2003030306	0080.EXP.09.0018	22,000	5%	0.520

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