

## PACKER MANDREL CUTTER SPECIFICATIONS

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)	Pipe OD (in.)	Wall Thickness (in.)
3190T301 (RED)	3.190	59	HMX	400 [206]	0440	1.4D	2013040285	0080.EXP.09.0015	22,000	4	0.360
3000T101 (PRM)	3.000	38	HMX	400 [206]	0440	1.4D	2000090138	0080.EXP.09.0016	22,000	4	0.360
3190T201 (PRM)	3.190	59	HMX	400 [206]	0059	1.1D	2003030306	0080.EXP.09.0018	22,000	4	0.360
3190T301 (PRM)	3.190	59	HMX	400 [206]	0440	1.4D	2013040285	0080.EXP.09.0015	22,000	4	0.360
3375T301 (PRM)	3.375	59	HMX	400 [206]	0440	1.4D	2013040285	0080.EXP.09.0015	22,000	4½	0.410
3475T301 (PRM)	3.475	59	HMX	400 [206]	0440	1.4D	2013040285	0080.EXP.09.0015	22,000	4½	0.410
3250T301 (PRM)	3.250	59	HMX	400 [206]	0440	1.4D	2013040285	0080.EXP.09.0015	22,000	5	0.362
3310T301 (PRM)	3.310	59	HMX	400 [206]	0440	1.4D	2013040285	0080.EXP.09.0015	18,500	5	0.362
3680T301 (PRM)	3.680	59	HMX	400 [206]	0440	1.4D	2013040285	0080.EXP.09.0015	18,000	5	0.362
3800T301 (PRM)	3.800	76	HMX	400 [206]	0440	1.4D	2013040285	0080.EXP.09.0015	18,000	5	0.476
3375T301 (PRM)	3.375	59	HMX	400 [206]	0440	1.4D	2013040285	0080.EXP.09.0015	22,000	5½	0.420
3475T301 (PRM)	3.475	59	HMX	400 [206]	0440	1.4D	2013040285	0080.EXP.09.0015	22,000	5½	0.420
4070T301 (PRM)	4.070	76	HMX	400 [206]	0440	1.4D	2013040285	0080.EXP.09.0015	22,000	5½	0.500
4150T201 (PRM)	4.150	109.33	HMX	400 [206]	0059	1.1D	2003030306	0080.EXP.03.0062	18,000	5½	0.500
4150T301 (PRM)	4.150	76	HMX	400 [206]	0440	1.4D	2013040285	0080.EXP.09.0015	18,000	5½	0.500
4200T201 (PRM)	4.200	109.33	HMX	400 [206]	0059	1.1D	2003030306	0080.EXP.09.0018	18,000	5½	0.500
4200T301 (PRM)	4.200	76	HMX	400 [206]	0440	1.4D	2013040285	0080.EXP.09.0015	18,000	5½	0.500
4250T301PA (STD)	4.250	76	HMX	400 [206]	0440	1.4D	2013040285	0080.EXP.10.0029	7,500	5½	0.415
4070T201 (PRM)	4.070	109.33	HMX	400 [206]	0059	1.1D	2003030306	0080.EXP.09.0018	22,000	5¾	0.520
4500T301PA (STD)	4.500	76	HMX	400 [206]	0440	1.4D	2013040285	Pending	7,500	6.32	0.500
5250T201 (PRM)	5.250	139	HMX	400 [206]	0059	1.1D	2003030306	0080.EXP.09.0018	18,000	7	0.500
5250T301 (PRM)	5.250	97.6	HMX	400 [206]	0440	1.4D	2013040280	0080.EXP.09.0015	18,000	7	0.408
5375T201 (PRM)	5.375	139	HMX	400 [206]	0059	1.1D	2003030306	0080.EXP.09.0018	18,000	7	0.500
5375T301 (PRM)	5.375	97.6	HMX	400 [206]	0440	1.4D	2013040280	0080.EXP.09.0015	18,000	7	0.408
5700T201 (PRM)	5.700	139	HMX	400 [206]	0059	1.1D	2003030306	0080.EXP.09.0018	18,000	7	0.500
5700T301 (PRM)	5.700	97.6	HMX	400 [206]	0440	1.4D	2013040280	0080.EXP.09.0015	18,000	7	0.408
5800T301PA (STD)	5.800	97.6	HMX	400 [206]	0440	1.4D	2013040280	0080.EXP.10.0029	7,500	7	0.540
6250T301PA (STD)	6.250	97.6	HMX	400 [206]	0440	1.4D	2013040280	0080.EXP.10.0029	7,500	7	0.317
6250T301PA (STD)	6.250	97.6	HMX	400 [206]	0440	1.4D	2013040280	0080.EXP.10.0029	7,500	7¾	0.430
6600T301PA (STD)	6.600	97.6	HMX	400 [206]	0440	1.4D	2013040280	0080.EXP.09.0015	7,500	7¾	0.430

HMX explosive for all cutters rated at 400° for 1 hr.