

These brake assemblies are TSO approved but require STC or Field Approval for installation eligibility

Dual Piston Brake Assemblies

- 100 stop design-landing tests - kinetic energy
- Structural torque test of 150% max actual torque
- Overpressure test at twice max rated pressure
- Caliper endurance test of 100,000 cycles at design rated

10 inch

							Included Parts		
Wheel Size	Brake Disc Thickness (in)	Number of Pistons	Piston Diameter (in)	Kinetic Energy (ft-lbs)	Certification	Part Number	Caliper	Brake Pad	Torque Plate
8.50-10	0.19	2	1.75	247000	TSO	29-1040C	34-1	066-108	020-236
8.50-10	0.19	2	1.75	247000	TSO	29-1040D	34-1	066-108	020-234
8.50-10	0.19	2	1.75	247000	TSO	29-1040E	34-1	066-108	020-266
8.50-10	0.19	2	1.75	247000	TSO	29-1040F	34-1	066-108	020-264
8.50-10	0.19	2	1.75	247000	TSO	29-1040G	34-1	066-108	020-234
8.50-10	0.19	2	1.75	247000	TSO	29-1040H	34-1	066-108	020-234
8.50-10	0.25	2	1.5	264547	TSO	29-1041	34-2	066-108	020-204
8.50-10	0.25	2	1.5	264547	TSO	29-1041A	34-2	066-108	020-222
8.50-10	0.25	2	1.5	264547	TSO	29-1041B	34-2	066-108	020-246
8.50-10	0.25	2	1.5	264547	TSO	29-1041C	34-2	066-108	020-254
8.50-10	0.25	2	1.5	264547	TSO	29-1041D	34-2	066-108	020-268
8.50-10	0.25	2	1.5	264547	TSO	29-1041E	34-2	066-108	020-274
8.50-10	0.25	2	1.5	264547	TSO	29-1041F	34-2	066-108	020-275
6.50-10	0.305	2	1.75	353100	TSO	29-1048	38-36	066-108	020-375

5 inch

							Included Parts		
Wheel Size	Brake Disc Thickness (in)	Number of Pistons	Piston Diameter (in)	Kinetic Energy (ft-lbs)	Certification	Part Number	Caliper	Brake Pad	Torque Plate
5.00-5	0.425	2	1.5	260971	TSO	29-1018	33-8M	066-111	020-154
5.00-5	0.425	2	1.5	260971	TSO	29-1018A	33-8A	066-111	020-154
5.00-5	0.375	2	1.5	246175	TSO	29-1019	33-4M	066-111	020-154
5.00-5	0.375	2	1.5	246175	TSO	29-1019A	33-4A	066-111	020-154
5.00-5	0.313	2	1.5	205146	TSO	29-1020	33-3M	066-111	020-154
5.00-5	0.25	2	1.5	162315	TSO	29-1021	33-2M	066-111	020-154
5.00-5	0.375	2	1.5	246175	TSO	29-1022	32-4M	066-111	020-154
5.00-5	0.313	2	1.44	205146	TSO	29-1023	32-3M	066-111	020-154
5.00-5	0.25	2	1.44	162315	TSO	29-1024	32-2M	066-111	020-154
5.00-5	0.313	2	1.25	205146	TSO	29-1025	31-3M	066-111	020-154
5.00-5	0.25	2	1.25	162315	TSO	29-1026	31-2M	066-111	020-154

6 inch

							Included Parts		
Wheel Size	Brake Disc Thickness (in)	Number of Pistons	Piston Diameter (in)	Kinetic Energy (ft-lbs)	Certification	Part Number	Caliper	Brake Pad	Torque Plate
6.00 x 6	0.19	2	1.75	170149	TSO	29-1004	35-1A	066-106	020-004
6.00 x 6	0.19	2	1.75	170149	TSO	29-1004C	35-1A	066-106	020-252
6.00 x 6	0.19	2	1.75	170262	TSO	29-1004D	35-1A	066-106	020-146
6.00 x 6	0.19	2	1.75	170262	TSO	29-1004E	35-1A	066-106	020-190

							Included Parts		
Wheel Size	Brake Disc Thickness (in)	Number of Pistons	Piston Diameter (in)	Kinetic Energy (ft-lbs)	Certification	Part Number	Caliper	Brake Pad	Torque Plate
6.00 x 6	0.19	2	1.75	170149	TSO	29-1004F	35-1A	066-106	020-330
6.00 x 6	0.19	2	1.75	170149	TSO	29-1004G	35-1A	066-106	020-344
6.00 x 6	0.25	2	1.75	206406	TSO	29-1005	35-2A	066-106	020-092
6.00 x 6	0.25	2	1.75	206406	TSO	29-1005A	35-2A	066-106	020-004
6.00 x 6	0.25	2	1.75	206406	TSO	29-1005B	35-2A	066-106	020-003
6.00 x 6	0.25	2	1.75	206406	TSO	29-1005C	35-2A	066-106	020-181
6.00 x 6	0.25	2	1.75	206406	TSO	29-1005D	35-2A	066-106	020-146
6.00 x 6	0.25	2	1.75	206406	TSO	29-1005E	35-2A	066-106	020-190
6.00 x 6	0.25	2	1.75	206406	TSO	29-1005F	35-2A	066-106	020-205
6.00 x 6	0.25	2	1.75	206406	TSO	29-1005G	35-2A	066-106	020-206
6.00 x 6	0.25	2	1.75	206406	TSO	29-1005H	35-2A	066-106	020-252
6.00 x 6	0.19	2	1.25	170149	TSO	29-1006	31-1M	066-111	020-128
6.00 x 6	0.19	2	1.25	170149	TSO	29-1006A	31-1A	066-111	020-128
6.00 x 6	0.19	2	1.25	170149	TSO	29-1006B	31-1M	066-111	020-076
6.00 x 6	0.19	2	1.25	170149	TSO	29-1006C	31-1A	066-111	020-076
6.00 x 6	0.19	2	1.25	170149	TSO	29-1006D	31-1M	066-111	020-043
6.00 x 6	0.19	2	1.25	170149	TSO	29-1006E	31-1A	066-111	020-043
6.00 x 6	0.19	2	1.44	170149	TSO	29-1007	32-1M	066-111	020-128
6.00 x 6	0.19	2	1.44	170149	TSO	29-1007A	32-1A	066-111	020-128
6.00 x 6	0.19	2	1.44	170149	TSO	29-1007B	32-1M	066-111	020-076
6.00 x 6	0.19	2	1.44	170149	TSO	29-1007C	32-1A	066-111	020-076
6.00 x 6	0.19	2	1.44	170149	TSO	29-1007D	32-1M	066-111	020-043

							Included Parts		
Wheel Size	Brake Disc Thickness (in)	Number of Pistons	Piston Diameter (in)	Kinetic Energy (ft-lbs)	Certification	Part Number	Caliper	Brake Pad	Torque Plate
6.00 x 6	0.19	2	1.44	170149	TSO	29-1007E	32-1A	066-111	020-043
6.00 x 6	0.19	2	1.5	170149	TSO	29-1008	33-1M	066-111	020-128
6.00 x 6	0.19	2	1.5	170149	TSO	29-1008A	33-1A	066-111	020-128
6.00 x 6	0.19	2	1.5	170149	TSO	29-1008B	33-1M	066-111	020-076
6.00 x 6	0.19	2	1.5	170149	TSO	29-1008C	33-1A	066-111	020-076
6.00 x 6	0.19	2	1.5	170149	TSO	29-1008D	33-1M	066-111	020-043
6.00 x 6	0.19	2	1.5	170149	TSO	29-1008E	33-1A	066-111	020-043
6.00 x 6	0.19	2	1.25	170149	TSO	29-1009	31-5M	066-111	020-027
6.00 x 6	0.19	2	1.25	170149	TSO	29-1009A	31-5A	066-111	020-027
6.00 x 6	0.19	2	1.44	170149	TSO	29-1010	32-5M	066-111	020-027
6.00 x 6	0.19	2	1.44	170149	TSO	29-1010B	32-5M	066-111	020-076
6.00 x 6	0.19	2	1.44	170149	TSO	29-1010C	32-5A	066-111	020-076
6.00 x 6	0.19	2	1.5	170149	TSO	29-1011	33-5M	066-111	020-027
6.00 x 6	0.19	2	1.5	170149	TSO	29-1011A	33-5A	066-111	020-027
6.00 x 6	0.375	2	1.75	395215	TSO	29-1027	37-4M	066-105	020-003
6.00 x 6	0.375	2	1.75	395215	TSO	29-1027A	37-4A	066-105	020-003
6.00 x 6	0.375	2	1.75	395215	TSO	29-1027D	37-4M	066-105	020-205
6.00 x 6	0.375	2	1.75	395215	TSO	29-1027E	37-4A	066-105	020-205
6.00 x 6	0.375	2	1.75	395215	TSO	29-1027F	37-16M	066-105	020-003
6.00 x 6	0.375	2	1.75	395215	TSO	29-1027G	37-16A	066-105	020-003
6.00 x 6	0.375	2	1.75	395215	TSO	29-1027K	37-16M	066-105	020-205
6.00 x 6	0.375	2	1.75	395215	TSO	29-1027L	37-16A	066-105	020-205

							Included Parts		
Wheel Size	Brake Disc Thickness (in)	Number of Pistons	Piston Diameter (in)	Kinetic Energy (ft-lbs)	Certification	Part Number	Caliper	Brake Pad	Torque Plate
6.00 x 6	0.375	2	1.75	395215	TSO	29-1027P	37-4M	066-105	020-278
6.00 x 6	0.375	2	1.75	395215	TSO	29-1027Q	37-4A	066-105	020-278

8 inch

							Included Parts		
Wheel Size	Brake Disc Thickness (in)	Number of Pistons	Piston Diameter (in)	Kinetic Energy (ft-lbs)	Certification	Part Number	Caliper	Brake Pad	Torque Plate
8.00-8	0.19	2	1.75	247000	TSO	29-1040	34-1	066-108	020-173
8.00-8	0.19	2	1.75	247000	TSO	29-1040A	34-1	066-108	020-198
8.00-8	0.19	2	1.75	247000	TSO	29-1040B	34-1	066-108	020-186
8.00-8	0.19	2	1.75	247000	TSO	29-1040K	34-1	066-108	020-274

Single Piston Brake Assemblies

- 100 stop design-landing tests - kinetic energy
- Structural torque test of 150% max actual torque
- Overpressure test at twice max rated pressure
- Caliper endurance test of 100,000 cycles at design rated

5 inch

							Included Parts		
Wheel Size	Brake Disc Thickness (in)	Number of Pistons	Piston Diameter (in)	Kinetic Energy (ft-lbs)	Certification	Part Number	Caliper	Brake Pad	Torque Plate
5.00-5	0.19	1	1.5	120149	TSO	29-1014	30-1M	066-106	020-154
5.00-5	0.19	1	1.5	120149	TSO	29-1014A	30-1A	066-106	020-154

							Included Parts		
Wheel Size	Brake Disc Thickness (in)	Number of Pistons	Piston Diameter (in)	Kinetic Energy (ft-lbs)	Certification	Part Number	Caliper	Brake Pad	Torque Plate
5.00-5	0.19	1	1.5	120149	TSO	29-1014B	30-1M	066-106	020-151
5.00-5	0.19	1	1.5	120149	TSO	29-1014C	30-1A	066-106	020-151

6 inch

							Included Parts		
Wheel Size	Brake Disc Thickness (in)	Number of Pistons	Piston Diameter (in)	Kinetic Energy (ft-lbs)	Certification	Part Number	Caliper	Brake Pad	Torque Plate
6.00 x 6	0.19	1	1.5	170262	TSO	29-1001	30-1A	066-106	020-081
6.00 x 6	0.19	1	1.5	170262	TSO	29-1001B	30-1A	066-106	020-076
6.00 x 6	0.19	1	1.5	170262	TSO	29-1001C	30-1A	066-106	020-128
6.00 x 6	0.25	1	2	270755	TSO	29-1002	36-4M	066-105	020-006
6.00 x 6	0.25	1	2	270755	TSO	29-1002A	36-4A	066-105	020-006
6.00 x 6	0.25	1	2	270755	TSO	29-1002B	36-4M	066-105	020-145
6.00 x 6	0.25	1	2	270755	TSO	29-1002C	36-4A	066-105	020-145
6.00 x 6	0.25	1	2	270755	TSO	29-1002D	36-4M	066-105	020-167
6.00 x 6	0.25	1	2	270755	TSO	29-1002E	36-4A	066-105	020-167
6.00 x 6	0.25	1	2	270755	TSO	29-1002F	36-4M	066-105	020-143
6.00 x 6	0.25	1	2	270755	TSO	29-1002G	36-4A	066-105	020-143
6.00 x 6	0.25	1	2	270755	TSO	29-1003	36-20M	066-105	020-006
6.00 x 6	0.25	1	2	270755	TSO	29-1003A	36-20A	066-105	020-006
6.00 x 6	0.25	1	2	270755	TSO	29-1003F	36-23M	066-105	020-006
6.00 x 6	0.25	1	2	270755	TSO	29-1003G	36-23A	066-105	020-006

							Included Parts		
Wheel Size	Brake Disc Thickness (in)	Number of Pistons	Piston Diameter (in)	Kinetic Energy (ft-lbs)	Certification	Part Number	Caliper	Brake Pad	Torque Plate
6.00 x 6	0.19	1	1.5	170262	TSO	29-1012	30-21A	066-111	020-076
6.00 x 6	0.19	1	1.5	170262	TSO	29-1012A	30-21A	066-111	020-158
6.00 x 6	0.19	1	1.5	170262	TSO	29-1012B	30-21A	066-111	020-081
6.00 x 6	0.19	1	1.5	170262	TSO	29-1012C	30-21A	066-111	020-156
6.00 x 6	0.19	1	1.5	170262	TSO	29-1012D	30-21A	066-111	020-043
6.00 x 6	0.19	1	1.5	170262	TSO	29-1012E	30-21A	066-111	020-128
6.00 x 6	0.19	1	1.75	170262	TSO	29-1013	30-22A	066-111	020-076
6.00 x 6	0.19	1	1.75	170262	TSO	29-1013A	30-22A	066-111	020-158
6.00 x 6	0.19	1	1.75	170262	TSO	29-1013B	30-22A	066-111	020-081
6.00 x 6	0.19	1	1.75	170262	TSO	29-1013C	30-22A	066-111	020-156
6.00 x 6	0.19	1	1.75	170262	TSO	29-1013D	30-22A	066-111	020-043
6.00 x 6	0.19	1	1.75	170262	TSO	29-1013E	30-22A	066-111	020-128

Triple Piston Brake Assemblies

- 100 stop design-landing tests - kinetic energy
- Structural torque test of 150% max actual torque
- Overpressure test at twice max rated pressure
- Caliper endurance test of 100,000 cycles at design rated

10 inch

							Included Parts		
Wheel Size	Brake Disc Thickness (in)	Number of Pistons	Piston Diameter (in)	Kinetic Energy (ft-lbs)	Certification	Part Number	Caliper	Brake Pad	Torque Plate

6.50-10	0.45	3	1.75	640135	TSO	29-1047	38-201	066-108	020-350
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