

Utility Trailer Products Catalog

Measurement Guide

January 1, 2025

Trailer Springs



Cast Equalizers



Brake Drums & Idler Hubs



Hanger Kits



U-Bolt-Kits



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For more information visit www.theuniversalgroup.com or call 1.800.225.1845

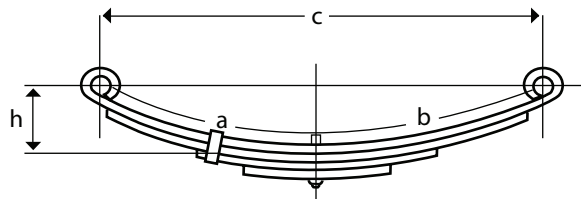
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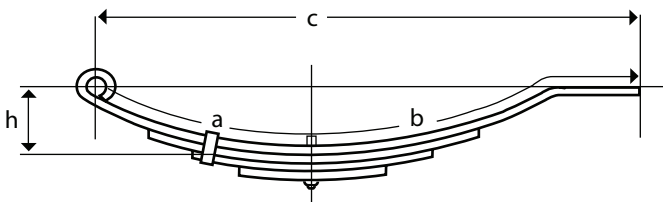
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SPRING SPECIFICATIONS

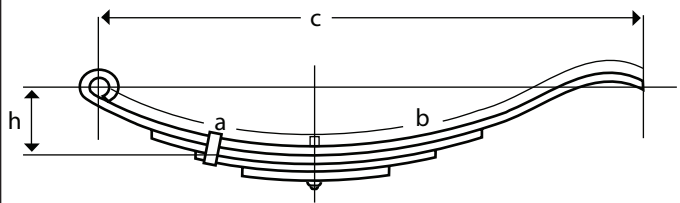
DOUBLE EYE SPRING



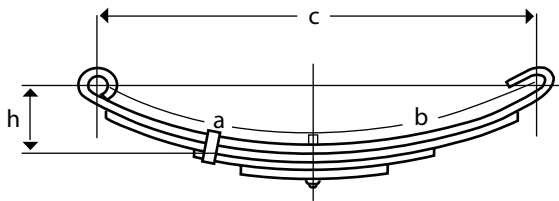
SLIPPER SPRING - FLAT END



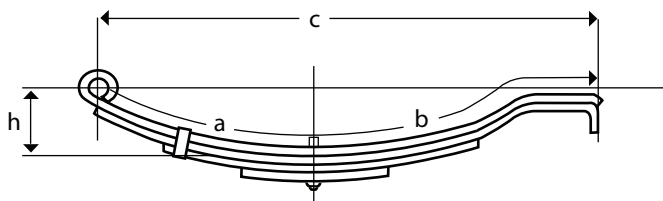
SLIPPER SPRING - RADIUS END



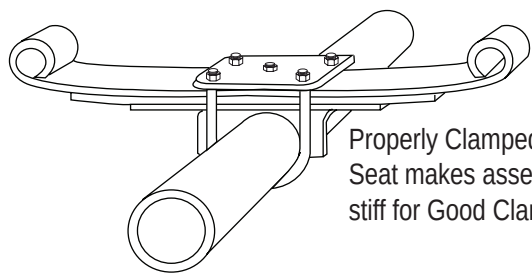
SLIPPER SPRING - OPEN EYE



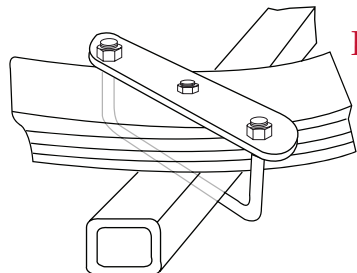
SLIPPER SPRING - HOOK END



RECOMMENDED MOUNTING

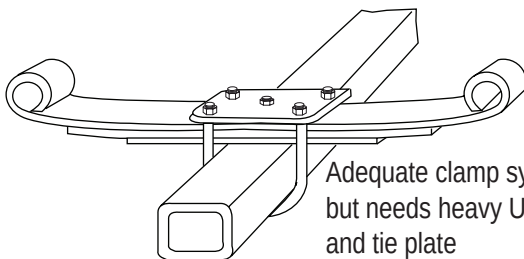


Properly Clamped Spring Seat makes assembly stiff for Good Clamping



NOT RECOMMENDED

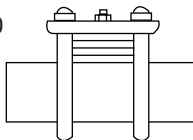
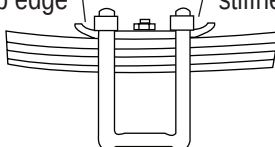
Unreliable Method, Max load stress occurs at center hole, TO BE AVOIDED AT ALL COSTS



Adequate clamp system, but needs heavy U-bolts and tie plate

Radius reduces abrasion at clamp edge

Formed edge increases clamp stiffness



Clearance kept to minimum between Leaves and U-Bolts

The information contained on this page is intended to aid in identification of available double eye springs. This is not intended for design purposes.

DOUBLE EYE SPRINGS

PART NO	NO. LVS	WIDTH	STEEL THK.	FREE LENGTH c	ARC a**	LENGTH b**	FREE OPEN h	CAPACITY (lbs)* per spring	EYE I.D.	BUSHING I.D.	BUSHING	WEIGHT (lbs)	SIMILAR TO:
UNA-072	3	1.75	0.323	18.31	10.12	10.12	3.00	1650	7/8	9/16N	PE-225	8.75	TS-503-3
UNA-030	4	1.75	0.259	19.92	10.75	10.75	3.25	1290	11/16	1/2N	PE-226	9.25	
UNA-041	3	1.75	0.323	20.00	11.20	11.20	3.25	1500	7/8	9/16N	PE-225	9.39	4332-13; DE-041
UNA-168	3	1.75	3/237	20.31	11.00	11.00	3.38	700	11/16	9/16N	PE-227	5.67	72-16; DX-720
UNA-169	3	1.75	0.262	20.38	11.00	11.00	3.19	1000	11/16	9/16N	PE-227	6.89	72-17; DX-1020; 8117; TS511-3; 4332-10
UNA-167	4	1.75	2/291 2/262	20.50	11.13	11.13	3.35	1400	11/16	9/16N	PE-227	9.25	72-13; TS512-4
UNA-033	2	1.75	0.197	22.75	12.31	12.31	3.81	300	7/8	9/16N	PE-225	4.35	
UNA-135	3	1.75	2/323 1/291	23.13	12.50	12.50	3.63	1250	11/16	9/16N	PE-227	9.00	72-06; 93182-12; 8119
UNA-216	3	1.75	0.360	23.13	12.41	12.41	3.50	1750	11/16	9/16N	PE-227	10.64	72-09; 124-3L; WAH-3; 93180; 1750; 1724; 8116; TS524-3; 4332-13L
UNA-079	4	1.75	0.360	23.13	12.56	12.56	3.63	2500	11/16	9/16N	PE-227	13.34	72-20; 93183; WAH-4; TS524-4
UNA-113	3	1.75	0.291	23.50	12.63	12.63	3.50	1000	11/16	9/16N	PE-227	9.30	545-3L; 125-3
UNA-114	4	1.75	0.291	23.50	12.68	12.68	3.56	1500	11/16	9/16N	PE-227	10.80	545-4L; 125-4; UNA-175
UNA-188	5	1.75	0.291	24.00	12.64	12.64	3.19	1625	11/16	1/2N	PE-226	13.65	545-5; 125-5
UNA-222	6	1.75	3/360 3/323	24.88	13.25	13.25	3.38	3500	11/16	9/16N	PE-227	17.34	UNA-112; 72-27; 1769; SW-6; 93160
UNA-098	7	1.75	0.019	24.88	13.25	13.25	3.38	4000	11/16	9/16N	PE-227	23.40	72-100
UNA-219	3	1.75	2/323 1/291	25.13	13.29	13.29	3.18	1250	11/16	9/16N	PE-227	9.54	UNA-107; 72-22; 93101; SW-3B; 1760; PP3A; 8101; PR-722; 4332-12
UNA-212	4	1.75	0.323	25.13	13.19	13.19	3.25	1750	11/16	9/16N	PE-227	11.40	UNA-108; SW-4B; 72-42; 93168; UNA-157; 4342-17; 8103; PR-4B; 93184
UNA-221	4	1.75	3/401 1/360	25.13	13.29	13.29	3.12	3000	11/16	9/16N	PE-227	15.15	UNA-117; 72-26; ML-4; 93115; 8106; 4342-30
UNA-217	3	1.75	2/360 1/323	25.25	13.13	13.13	3.00	1500	11/16	9/16N	PE-227	10.67	72-23; UNA-108; 1761; 8102
UNA-220	3	1.75	2/401 1/360	25.25	13.25	13.25	3.00	2000	11/16	9/16N	PE-227	11.46	UNA-109; 72-24; 1762; 93102; SW-3; PP3; PR-3 33839; 8115
UNA-218	4	1.75	2/401 2/360	25.25	13.25	13.25	3.00	2500	11/16	9/16N	PE-227	14.10	UNA-110; 72-25; 1763; 93181; 93103; SW-4; 8104; PR-4; 4342-24; 125213; 148160

DOUBLE EYE SPRINGS

PART NO	NO. LVS	WIDTH	STEEL THK.	FREE LENGTH c	ARC a**	LENGTH b**	FREE OPEN h	CAPACITY (lbs)* per spring	EYE I.D.	BUSHING I.D.	BUSHING	WEIGHT (lbs)	SIMILAR TO:
UNA-111	5	1.75	0.360	25.25	13.33	13.33	3.12	3000	11/16	9/16N	PE-227	16.20	1764; SW-5; 93163; 33600; PR-5; 8108; TS534-5; 4352-29
UNA-115	1T	1.75	0.850	25.25	13.20	13.20	3.00	3000	0.59	NONE	NONE	9.00	72-40; TE-30; MD-35; 93118
UNA-223	6	1.75	0.360	25.25	13.39	13.39	3.50	3380	11/16	9/16N	PE-227	19.25	93160
UNA-100	5	1.75	0.401	25.38	13.34	13.34	2.83	3000	11/16	9/16N	PE-227	16.60	72-73
UNA-121	2	1.75	0.259	26.00	14.03	14.03	4.13	500	11/16	9/16N	PE-227	6.62	26-350; AS-2; 5015-2; UNA-287; DE26350
UNA-122	3	1.75	0.237	26.00	14.07	14.07	4.12	690	11/16	9/16N	PE-227	7.32	26-500; AS-3; UNA-238; 5015-3; DE26500
UNA-123	4	1.75	0.237	26.00	14.07	14.07	4.12	750	11/16	9/16N	PE-227	9.62	26-750, UNA-239
UNA-124	4	1.75	0.259	26.00	14.07	14.07	4.00	1000	11/16	9/16N	PE-227	10.53	26-1000; UNA-021; AS-4; 5015-4; UNA-156; DE261000
UNA-049	2	1.75	0.360	26.00	14.00	14.00	4.25	1000	11/16	9/16N	PE-227	9.91	AWS-2; 9318204; 4332-8
UNA-050	3	1.75	0.360	26.00	14.00	14.00	4.25	1500	11/16	9/16N	PE-227	11.62	AWS-3; 9318206; TS544-3; 4332-11
UNA-051	4	1.75	0.360	26.00	14.00	14.00	4.25	2000	11/16	9/16N	PE-227	14.13	AWS-4; 033000; TS544-4; 4342-16
UNA-052	5	1.75	0.360	26.00	14.00	14.00	4.25	2500	11/16	9/16N	PE-227	16.49	AWS-5; W-526HD; TS544-5; 4352-18
UNA-053	6	1.75	0.360	26.00	14.00	14.00	4.25	3000	11/16	9/16N	PE-227	19.64	AWS-6; SW-626HD; 8114; TS544-6; 4362-22
UNA-054	7	1.75	0.360	26.00	14.00	14.00	4.25	3500	11/16	9/16N	PE-227	25.00	AWS-7; 93154; 4372-26
UNA-055	8	1.75	0.360	26.00	14.00	14.00	4.25	4000	11/16	9/16N	PE-227	27.90	AWS-8; 4382-30
UNA-144	3	1.75	1/291 2/262	27.00	14.21	14.21	3.50	750	11/16	9/16N	PE-227	8.60	33611; 15327; 33611; 4332-75
UNA-141	3	1.75	2/323 1.291	27.00	13.98	13.98	2.83	1000	11/16	9/16N	PE-227	9.79	20327; 33612; SW327; 4332-10-27
UNA-210	4	1.75	3/360 1/323	27.00	13.98	13.98	2.75	1750	11/16	9/16N	PE-227	13.75	UNA-031; 354277; 33613; SW-427; 4342-15
UNA-234	5	1.75	0.360	27.00	13.98	13.98	2.75	2250	11/16	9/16N	PE-227	17.26	45527; 2250
UNA-142	6	1.75	4/401	27.00	14.14	14.14	3.25	3000	11/16	9/16N	PE-227	22.00	60627; 33617; UNA-023
		1.75	2/360							9/16N			125209; 4362-30



DOUBLE EYE SPRINGS

PART NO	NO. LVS	WIDTH	STEEL THK.	FREE LENGTH c	ARC a**	LENGTH b**	FREE OPEN h	CAPACITY (lbs)* per spring	EYE I.D.	BUSHING I.D.	BUSHING	WEIGHT (lbs)	SIMILAR TO:
UNA-189	3	1.75	0.259	28.00	14.88	14.88	4.25	700	11/16	9/16N	PE-227	9.08	UNA-224
UNA-190	4	1.75	0.259	28.00	14.88	14.88	4.25	925	11/16	9/16N	PE-227	11.86	
UNA-191	5	1.75	0.259	28.00	14.88	14.88	4.25	1150	11/16	9/16N	PE-227	14.10	
UNA-084	4	1.75	0.237	28.00	15.12	15.12	4.25	650	7/8	9/16N	PE-225	10.71	
UNA-085	5	1.75	0.262	28.13	15.24	15.24	4.50	1000	7/8	9/16N	PE-225	14.11	
UNA-035	3	1.75	0.259	29.70	15.63	15.63	4.00	650	7/8	9/16N	PE-225	9.62	
UNA-036	5	1.75	0.259	29.70	15.63	15.63	4.00	1250	7/8	9/16N	PE-225	15.16	
UNA-032	7	1.75	0.259	29.70	15.63	15.63	4.00	1500	7/8	9/16N	PE-225	18.95	
UNA-224	3	1.75	0.360	29.75	15.87	15.87	4.38	1250	11/16	9/16N	PE-227	12.93	
UNA-022	6	1.75	0.360	30.00	16.38	16.38	5.00	2480	7/8	9/16N	PE-225	25.20	UNA-118; 72-34; DE-3L

SLIPPER SPRINGS - FLAT END

PART NO	NO. LVS	WIDTH	STEEL THK.	FREE LENGTH c	ARC a**	LENGTH b**	FREE OPEN h	CAPACITY (lbs)* per spring	EYE I.D.	BUSHING I.D.	BUSHING	WEIGHT (lbs)	SIMILAR TO:
UNA-193	2	1.75	0.237	19.00	10.30	11.32	4.62	600	11/16	9/16N	PE-227	4.47	UNA-176 UNA-020; UNA-178 UNA-179
UNA-018	1	1.75	0.262	24.00	12.20	14.12	4.38	300	7/8	9/16N	PE-225	4.31	
UNA-267	3	1.75	0.262	24.50	12.20	14.25	4.00	850	7/8	9/16N	PE-225	7.65	
UNA-043	4	1.75	0.237	24.50	12.20	14.13	4.00	1000	7/8	9/16N	PE-225	9.08	BT-25-6; TS721-2 BT-25-9; TS721-3 BT-25-12; TS721-4 BT-25-15; TS723-3 BT-25-22; TS724-3 BT-25-25; TS723-5 BT-25-30; TS724-4
UNA-047	3	1.75	0.360	24.50	11.88	14.50	4.12	1653	7/8	9/16N	PE-225	10.80	
UNA-202	2	1.75	0.259	25.00	12.10	14.50	3.50	600	11/16	9/16N	PE-227	5.62	
UNA-203	3	1.75	0.259	25.00	12.10	14.50	3.50	900	11/16	9/16N	PE-227	7.52	
UNA-204	4	1.75	0.259	25.00	12.10	14.50	3.50	1200	11/16	9/16N	PE-227	9.40	
UNA-205	3	1.75	0.323	25.00	12.10	14.50	3.50	1400	11/16	9/16N	PE-227	9.39	
UNA-206	3	1.75	0.360	25.00	12.10	14.50	3.50	1720	11/16	9/16N	PE-227	10.49	
UNA-207	5	1.75	0.323	25.00	12.10	14.50	3.50	2300	11/16	9/16N	PE-227	14.10	
UNA-208	4	1.75	0.360	25.00	12.10	14.50	3.50	2300	11/16	9/16N	PE-227	13.14	
UNA-013	2	1.75	0.237	25.13	13.00	15.50	5.00	470	11/15	9/16N	PE-227	5.95	UNA-184 WID-2; 4321-10 WIF-3; 4331-15; TS754-3 WIG-4; 4341-17; TS754-4 4341-18
UNA-014	3	1.75	0.237	25.13	13.00	15.50	5.00	705	11/16	9/16N	PE-227	7.73	
UNA-015	4	1.75	0.237	25.13	13.00	15.50	5.00	940	11/16	9/16N	PE-227	9.34	
UNA-016	5	1.75	0.237	25.13	13.00	15.50	5.00	1184	7/8	9/16N	PE-225	11.46	
UNA-017	6	1.75	0.237	25.13	13.00	15.50	5.00	1415	7/8	9/16N	PE-225	13.30	
UNA-037	2	1.75	0.323	30.00	15.00	17.75	4.88	705	7/8	9/16N	PE-225	8.88	
UNA-038	2	1.75	0.360	30.00	15.00	17.75	4.88	880	7/8	9/16N	PE-225	9.92	
UNA-039	3	1.75	0.360	30.00	15.00	17.75	4.88	1430	7/8	9/16N	PE-225	12.20	
UNA-040	4	1.75	0.360	30.00	15.00	17.75	4.88	1837	7/8	9/16N	PE-225	15.88	
UNA-040N	5	1.75	0.360	30.00	15.00	17.75	4.88	2293	7/8	9/16N	PE-225	17.45	
UNA-057	6	1.75	0.360	30.00	15.00	17.75	4.88	3000	7/8	9/16N	PE-225	21.92	

The information contained on this page is intended to aid in identification of available double eye springs & slipper springs.
This is not intended for design purposes.

SLIPPER SPRINGS - OPEN EYE

PART NO	NO. LVS	WIDTH	STEEL THK.	FREE LENGTH c	ARC a**	LENGTH b**	FREE OPEN h	CAPACITY (lbs)* per spring	EYE I.D.	BUSHING I.D.	BUSHING	WEIGHT (lbs)	SIMILAR TO:
UNA-262	3	1.75	0.323	26.25	13.75	14.10	3.50	1500	1.03	9/16	PE-228	10.91	C-2; TS633-3
UNA-263	3	1.75	0.360	26.25	13.75	14.10	3.50	1625	1.03	9/16	PE-228	12.07	C-3; UNA-045; UNA-065; TS634-3; C3WB
UNA-264	4	1.75	0.360	26.25	13.75	14.10	3.50	2150	1.03	9/16	PE-228	14.61	C-4; UNA-075; UNA-066; TS634-4; C4WB
UNA-265	5	1.75	0.360	26.25	13.75	14.10	3.50	2750	1.03	9/16	PE-228	17.06	C-5; UNA-076; UNA-067; TS634-5; C5WB

SLIPPER SPRINGS - RADIUS END

PART NO	NO. LVS	WIDTH	STEEL THK.	FREE LENGTH c	ARC a**	LENGTH b**	FREE OPEN h	CAPACITY (lbs)* per spring	EYE I.D.	BUSHING I.D.	BUSHING	WEIGHT (lbs)	SIMILAR TO:
UNA-026	3	1.75	0.323	20.75	9.45	12.97	3.25	1000	7/8	9/16N	PE-225	8.35	
UNA-080	2	1.75	0.262	21.13	11.42	13.58	4.50	590	11/16	9/16N	PE-227	5.50	
UNA-176	1+ P	1.75	0.237	24.62	12.00	14.50	4.00	230	11/16	1/2N	PE-226	3.88	WIA-2; 4321-03
UNA-177	2	1.75	0.237	24.62	12.00	14.50	4.00	500	11/16	9/16N	PE-227	5.16	WIC-2; UNA-202; 4321-05
UNA-178	3	1.75	0.237	24.62	12.00	14.50	4.00	750	11/16	9/16N	PE-227	6.94	WIE-3; 4331-07; UNA-203; TS820-3
UNA-179	4	1.75	0.237	24.62	12.00	14.50	4.00	1000	11/16	9/16N	PE-227	8.62	WIH-4; 4341-10; UNA-204; UNA-206; TS820-4
UNA-180	5	1.75	0.237	24.62	12.00	14.50	4.00	1240	11/16	1/2N	PE-226	10.32	WI-5; 4351-12
UNA-133	2	1.75	0.291	27.50	13.62	16.75	4.81	700	11/16	9/16N	PE-227	8.50	72-03
UNA-132	2	1.75	1/360 1/323	27.50	13.62	16.50	4.63	1000	11/16	9/16N	PE-227	10.07	72-02
UNA-268	5	3.00	0.401	30.50	14.57	18.10	3.94	5000	1.96	1RB	14-69	39.30	72-43; TS894-5
UNA-269	6	3.00	0.401	30.50	14.57	18.10	3.94	6000	1.96	1RB	14-69	46.45	72-44; TS894-6
UNA-270	7	3.00	0.401	30.50	14.57	18.10	4.00	7500	1.96	1RB	14-69	54.00	72-45; TS894-7
UNA-298	5	2.50	3/447 2/401	30.48	14.77	18.21	4.00	5000	2	3/4RB	SRB-7280	33.73	72-80, UNA-252; UNA-297; TS885-5
UNA-028	2	1.75	0.291	32.00	14.50	19.50	4.25	600	11/16	1/2N	PE-226	7.79	UNA-201; 24722
UNA-034	3	1.75	0.291	32.00	14.50	19.50	4.25	800	11/16	1/2N	PE-226	10.76	UNA-195; 24723
UNA-024	4	1.75	0.291	32.00	14.50	19.50	4.25	1100	11/16	1/2N	PE-226	12.18	UNA-196
UNA-029	5	1.75	0.291	32.00	14.50	19.50	4.25	1200	11/16	1/2N	PE-226	14.38	UNA-197
UNA-029N	6	1.75	0.291	32.00	14.50	19.50	4.25	1400	11/16	1/2N	PE-226	18.13	

The information contained on this page is intended to aid in identification of available slipper springs. This is not intended for design purposes.

SLIPPER SPRINGS - HOOK END

PART NO	NO. LVS	WIDTH	STEEL THK.	FREE LENGTH c	ARC a**	LENGTH b**	FREE OPEN h	CAPACITY (lbs)* per spring	EYE I.D.	BUSHING I.D.	BUSHING	WEIGHT (lbs)	SIMILAR TO:	HOOK LOCATION
UNA-009	3	1.75	0.237	24.74	12.00	15.13	4.00	800	11/16	9/16N	PE-227	7.15	UNA-178, ATZ-009	HK#1
UNA-010	4	1.75	1/262	24.74	12.00	15.13	4.00	1000	11/16	9/16N	PE-227	9.82	UNA-179	HK#1
UNA-128	4	2.00	3/237	26.25	11.75	15.75	2.50	2000	1.28	9/16N	14-54	16.23	93167; 80-3T3	HK#2
UNA-229	4	2.00	3/323	26.63	12.00	16.06	3.19	1500	11/16	9/16N	PE-229	13.93	72-29; 60-3T3; TS962-4	HK#2
UNA-301	4	2.00	0.291	26.63	12.00	16.06	3.19	1500	1.28	5/8RB	RB1	14.00	72-29; 60-3T3, UNA-229; TS9624RB	HK#2
UNA-230	4	2.00	1/360	26.63	12.00	16.06	3.00	2000	11/16	9/16N	PE-229	16.05	UNA-128; 72-30; 93167,80-313, 8112,TS963-4	HK#2
UNA-231	4	2.00	3/323	26.63	12.00	16.06	3.06	2500	11/16	9/16N	PE-229	17.22	72-31; UNA-251; UNA-129; 100-3T3; TS964-4	HK#2
UNA-232	5	2.00	0.360	26.63	12.00	16.06	3.19	3500	11/16	9/16N	PE-229	19.99	72-32; UNA-610S; 120-3T3; 9312011; 8109; TS964-5	HK#2
UNA-299	5	2.00	0.360	26.63	12.00	16.06	3.19	3500	1.28	5/8RB	RB1	20.64	UNA-232; UNA610; 120-3T3; 9312010; TS964-5RB	HK#2
UNA-315	5	2.00	0.360	26.63	12.00	16.06	3.19	3500	1.28	9/16RB	RB1916	20.64		HK#2
UNA-302	5	2.00	0.360	26.63	12.00	16.06	3.19	3500	11/16	9/16N	14-54	20.41	UNA-232; UNA-299	HK#2
UNA-233	7	2.00	0.360	26.63	12.00	16.06	3.19	4000	11/16	9/16N	PE-229	26.57	UNA-131; 9316501; 72-33; 140-3T3; UNA-611S; 8111; TS964-7	HK#2
UNA-285	7	2.00	0.360	26.63	12.00	16.06	3.00	4000	1.28	9/16N	14-54	27.00	72-51, UNA-300; UNA-611; 140-3T3; 93165	HK#2
UNA-300	7	2.00	0.360	26.63	12.00	16.06	3.19	4000	1.28	5/8RB	RB1	27.30	UNA-285; UNA-611; 140-3T3; 93165; TS964-7RB	HK#2
UNA-317	7	2.00	0.360	26.63	12.00	16.06	3.19	4000	1.28	9/16RB	RB1916	27.30		HK#2
UNA-160	5	2.00	0.360	26.98	12.75	15.75	3.50	3000	11/16	9/16N	PE-229	20.37	E-5226; UNA-104; 33611; 8113; TS974-5; 4531-30	HK#2
UNA-161	6	2.00	0.401	29.50	14.13	16.53	3.50	4000	11/16	9/16N	PE-229	27.90	93170; E-5115; UNA-186; 8110; TS976-6; 4361-40	HK#1
UNA-196	4	1.75	0.291	30.62	14.75	18.94	4.31	1000	11/16	9/16N	PE-227	12.32	UNA-024	HK#1
UNA-197	5	1.75	0.291	30.62	14.75	18.94	4.31	1250	11/16	9/16N	PE-227	14.81	UNA-029, UNA-277; TS942-5	HK#1
UNA-195	3	1.75	0.291	30.75	14.61	18.94	4.13	750	11/16	9/16N	PE-227	10.00	UNA-034	HK#2

T = Taper Leaf (parabolic)

N = Nylon

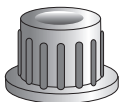
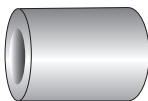
S = Spacer

SB = Steel backed bronze

* The capacities given are for reference only. The actual capacity is dependent on the spring mounting (center clamp) and service requirements.

** These lengths are for reference purposes only.

BUSHINGS

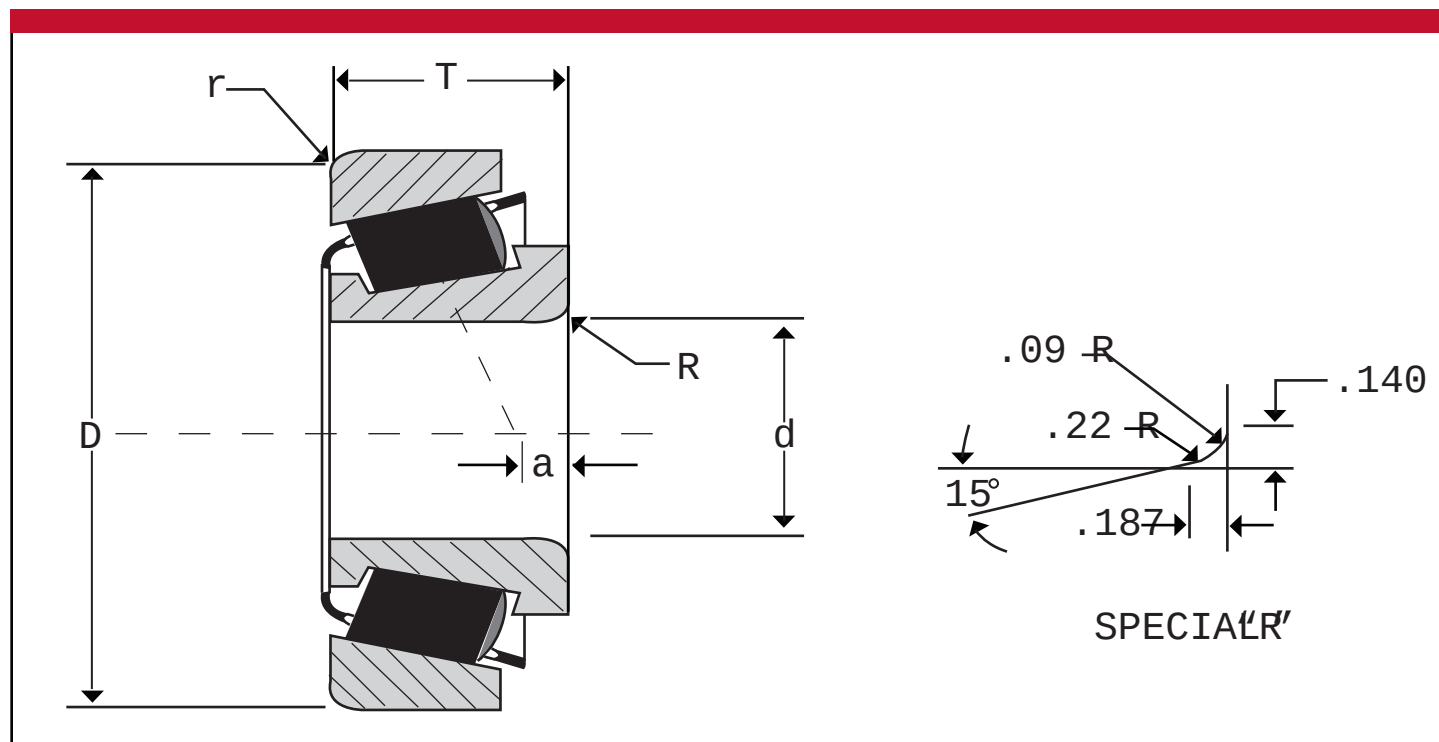
NYLON BUSHINGS for Small Trailer Springs				
	Part No.	O.D.	I.D.	Length
	PE-182	7/8	1/2	11/16
	PE-224	7/8	1/2	1 3/4
	PE-225	7/8	9/16	1 3/4
	PE-226	11/16	1/2	1 3/4
	PE-227	11/16	9/16	1 3/4
	PE-228	1	9/16	1 3/4
	PE-229	11/16	9/16	2
	14-54	1 5/16	9/16	2

Steel Backed Bronze Bushings (SB)				
Part No.	O.D.	I.D.	Length	Similar To
SBB-ECB	11/16	9/16	1 3/4	
SBB-JFE	1	3/4	2 1/2	JFE, SBB-7221
Rubber Encased Bushings (RB)				
Part No.	O.D.	I.D.	Length	Similar To
RB1	1.28	5/8	2	
14-69	2	1	3 1/8	014-069

The information contained on this page is intended to aid in identification of available nylon bushings. This is not intended for design purposes.



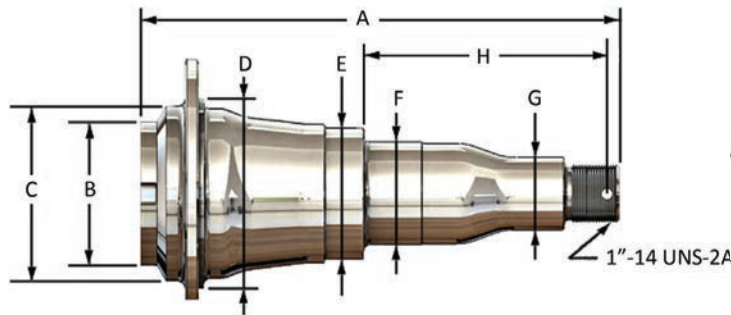
TAPER ROLLER BEARING SPECIFICATIONS



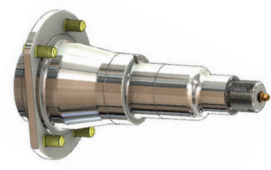
BEARING NO.		BORE	OUTSIDE DIAMETER	WIDTH	EFF. LOAD CENTER	MINIMUM RADIUS	MINIMUM RADIUS
CONE	CUP	d	D	T	a	R	
LM11949	LM11910	0.7500	1.7810	0.6100	-0.22	0.05	0.05
L44643	L44610	1.0000	1.9800	0.5600	-0.13	0.05	0.05
L44649	L44610	1.0625	1.9800	0.5600	-0.13	0.14	0.05
LM67048	LM67010	1.2500	2.3280	0.6250	-0.12	SPECIAL	0.05
15123	15245	1.2500	2.4409	0.7150	-0.19	SPECIAL	0.05
14125A	14276	1.2500	2.7170	0.7813	-0.17	0.14	0.05
LM48548	LM48510	1.3750	2.5625	0.7100	-0.14	SPECIAL	0.05
L68149	L68111	1.3775	2.3612	0.6250	-0.10	SPECIAL	0.05
JL69349	JL69310	1.4961	2.4803	0.6693	-0.09	SPECIAL	0.05
25580	25520	1.7500	3.2650	0.9375	-0.25	0.14	0.03

The information contained on this page is intended to aid in identification of available bearings.
It is not intended for design purposes.

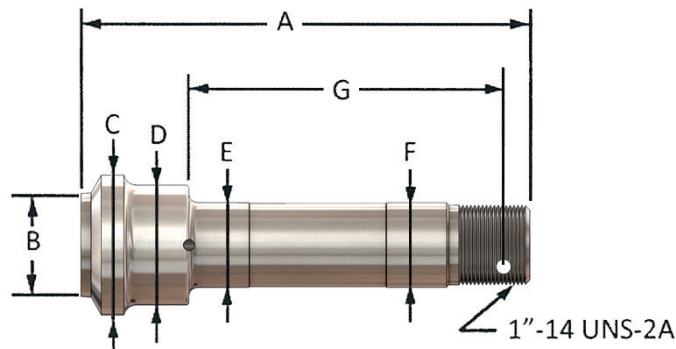
INTEGRAL FLANGE SPINDLES



LUBED (LO)
Off-center Cotter Pin Hole

PART NO	TYPE	CAPACITY* (lbs)	DIMENSIONS (INCHES)							BEARING INNER/OUTER
			A	B	C	D	E	F/G	H	
 389 FLO	#84 LUBED Off-center Coter Pin hole	1750	6.25	1.94	2.45	3.00	1.720	1.376	3.80	L68149 L44649
								1.062		
 466 F-02LO	#42 LUBED Off-center Coter Pin hole	3500	8.20	2.45	3.00	3.25	2.250	1.750	4.16	25580 LM67048
								1.250		

BT SPINDLES



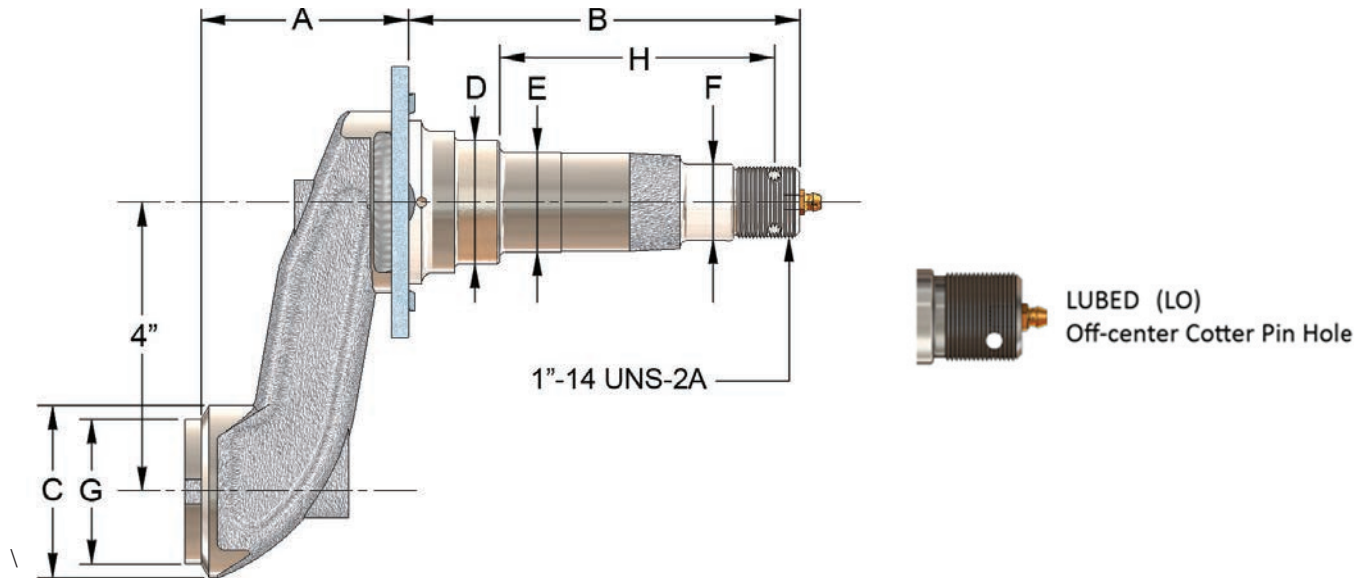
PART NO	TYPE	CAPACITY* (lbs)	DIMENSIONS (INCHES)						BEARING INNER/OUTER
			A	B	C	D	E/F	G	
 HFBT16S-LO	BT16 SHORT, LUBED Off-center Cotter Pin Hole	1250	5.60	1.31	1.75	1.500	1.062	3.93	L44649
							1.062		L44649

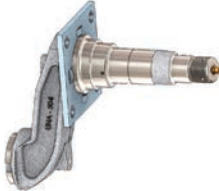
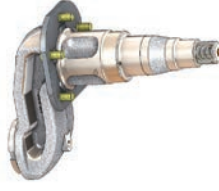
The information contained on this page is intended to aid in indentification of available spindles.It is not intended for design purposes.

*The capacities, as shown above represent the capacity of a single spindle and should be doubled to obtain the axle capacity.



DROP SPINDLES - BUTTWELD



PART NO	TYPE	CAPACITY* (lbs)	DIMENSIONS (INCHES)							BEARING INNER/OUTER
			A	B	C	D	E/F	G	H	
 UNA-504-03LO	2-132 W/FLANGE LUBED Off-Center Coter Pin hole	1750	2.75	5.38	2.38	1.720	1.376 1.062	1.98	3.80	L68149 L44649
 UT-300-ALMO	6K W/FLANGE, LUBED Off-center Coter Pin hole	3000	2.63	7.23	3.00	2.249	1.750 1.250	2.45	4.16	25580 LM67048

The information contained on this page is intended to aid in indentification of available spindles.It is not intended for design purposes.

*The capacities, as shown above represent the capacity of a single spindle and should be doubled to obtain the axle capacity.

SPINDLES

PART NO.	DESCRIPTION	UNIT WEIGHT (LBS)	CONT. QTY.	PALLET QTY.
STRAIGHT SPINDLES				
HFBT16S-LO	BT spindle short, lubed, offset cotter pin hole	1.70	23,400	2,340
389-FLO	#84 straight spindle with integral flange,lubed, offset hole, fits 2 3/8" tube	3.37	12,600	1,260
466-F-02LO	#42 straight spindle with intergral flange, lubed, offset hole, fits 3" tube	7.28	5,170	517
DROP SPINDLES				
UNA-504-03LO	3500 # drop, with welded flange, lubed, fits 2 3/8" tube	7.50	5,000	500
UT-300-ALMO	6K drop, with welded flange, lubed, fits 3" tube	14.25	2,700	270

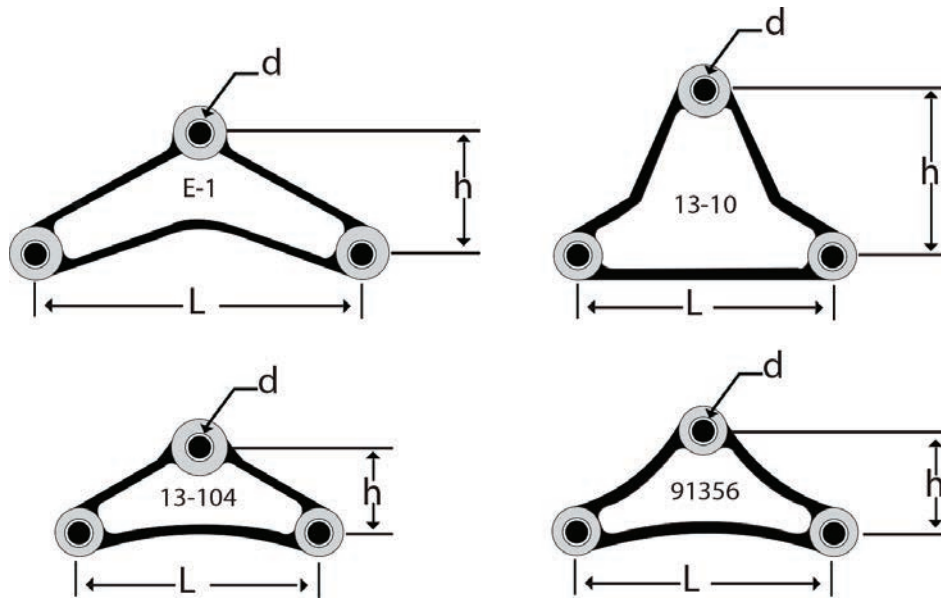
*Prices are in US Dollars F.O.B. Pennsauken, NJ or Arlington, TX

GREASE SEAL SPECIFICATIONS

PART NO.	CROSS REFERENCE	DESCRIPTION	SHAFT DIAMETER (inches)	BORE DIAMETER (inches)	SEAL O.D. (inches)	SEAL WIDTH (inches)
SE125-197-25TB	12192TB	Double lip	1.250	1.979	1.983	0.250
SE150-198-25TB	15192TB	Double lip	1.500	1.983	1.987	0.250
SE168-256-50TB	168255TB	Double lip	1.688	2.502	2.561	0.500
SE171-256-50TB	171255TB	Double lip	1.719	2.561	2.565	0.500
SE212-337-37TB	21333TB	Double lip	2.125	3.372	3.376	0.375
SE225-337-37TB	22333TB	Double lip	2.250	3.372	3.376	0.375



CAST EQUALIZER SPECIFICATIONS



PART NO.	LENGTH L	HEIGHT h	BUSHING ID d	BUSHING PART NO.	WEIGHT (LBS)
E-1	7.75	2.88	9/16 (3)	PE-227	2.98
13-10	6.06	4.00	9/16 (3)	PE-227	2.80
13-104	5.70	2.03	9/16 (3)	PE-227	1.78
91356 (EQ-356)	6.13	2.44	9/16 (3)	PE-227	2.50

The information contained on this page is intended to aid in identification of available equalizers. It is not intended for design purposes.

IDLER HUBS

PART NO.	DESCRIPTION	CAPACITY (LBS)	SPINDLE		BOLT		GREASE CAP SIZE	BEARING		WEIGHT (LBS)	CRATE QTY.
			#	SIZE	PATTERN	SIZE		INNER CUP	OUTER CUP		
ID-84550-5 	3.5K Hub 5 on 5.0"	1,750	#84	1 3/8" - 1 1/16"	5 on 5.0"	1/2	1.98	L68111	L44610	6.64	544
ID-84655-5 	3.5K Hub 6 on 5.5"	1,750	BT-8 BT-16	1" - 1" 1 1/16" - 1 1/16"	6 on 5.5"	1/2	1.98	L68111	L44610	7.85	544
ID-88440-5 	2.0K Hub 4 on 4.0 (1/2)	1,000	BT-8 BT-16	1" - 1" 1 1/16" - 1 1/16"	4 on 4.0"	1/2	1.98	L44610	L44610	4.73	504
ID-88545-5 	2.5K Hub 5 on 4.5 (1/2)	1,250	BT-8 BT-16	1" - 1" 1 1/16" - 1 1/16"	5 on 4.5"	1/2	1.98	L44610	L44610	5.38	680

IDLER HUBS

PART NO.	DESCRIPTION	CAPACITY (LBS)	SPINDLE		BOLT		GREASE CAP SIZE	BEARING		WEIGHT (LBS)	CRATE QTY.
			#	SIZE	PATTERN	SIZE		INNER CUP	OUTER CUP		
FS1-2A 	2.5K Hub 5 on 4.5 (1/2) Large flange 6.5"	1,250	BT-8 BT-16	1" - 1" 1 1/16" - 1 1/16"	5 on 4.5"	1/2	1.98	L44610	L44610	6.47	608
ID-84545 	3.5K Hub 5 on 4.5 (1/2)	1,750	#84	1 3/8" - 1 1/16"	5 on 4.5"	1/2	1.98	L68111	L44610	6.64	544
ID-82655-5 	6.0K Hub 6 on 5.5 (1/2)	3,000	#42	1 3/4" - 1 1/4"	6 on 5.5"	1/2	2.44	25520	15245	13.2	315
ID-82865-5 	7.0K Hub 8 on 6.5	3,500	#42	1 3/4" - 1 1/4"	8 on 6.5"	1/2	2.44	25520	14276	15.2	200

BRAKE DRUMS

PART NO.	DESCRIPTION	CAPACITY (LBS)	SPINDLE		BOLT		GREASE CAP SIZE	BEARING		WEIGHT (LBS)	CRATE QTY.
			#	SIZE	PATTERN	SIZE		INNER CUP	OUTTER CUP		
BD-75450 	2.5K 7" x 1 3/4" Brake Drum 5 on 4.5" (1/2) Elec. Brakes only	1,250	BT-8 BT-16	1" - 1" 1 1/16"- 1 1/16"	5 on 4.5"	1/2	1.98	L44610	L44610	15.45	180
BD-105450 	3.5K 10" x 2 1/4" Brake Drum 5 on 4.5" (1/2)	1,750	#84	1 3/8" - 1 1/16"	5 on 4.5"	1/2	1.98	L68111	L44610	19.50	128
BD-126550 HD 	6.0K 12" x 2.0" Brake Drum 6 on 5.5" (1/2)	3,000	#42	1 3/4" - 1 1/4"	6 on 5.5"	1/2	2.44	25520	15245	30.50	80

BRAKE DRUMS

PART NO.	DESCRIPTION	CAPACITY (LBS)	SPINDLE		BOLT		GREASE CAP SIZE	BEARING		WEIGHT (LBS)	CRATE QTY.
			#	SIZE	PATTERN	SIZE		INNER CUP	OUTTER CUP		
BD-12655T HD 	6.0K 12" x 2.0" Brake Drum 6 on 5.5" (9/16)	3,000	#42	1 3/4" - 1 1/4"	6 on 5.5"	9/16	2.44	25520	15245	30.50	80
BD-128650 	7.0K 12" x 2.0" Brake Drum 8 on 6.5" (1/2)	3,500	#42	1 3/4" - 1 1/4"	8 on 6.5"	1/2	2.71	25520	14276	36.50	80

ELECTRIC BRAKES

PART NO.	DESCRIPTION	UNIT WEIGHT	CRATE QTY.
BRK-EB07LH	Electric Trailer Brake Assembly - 7" - Left Hand - 2000 LBS; Manual Adjust, 7 X 1-1/4 Inch Drum, 10 Inch Wheel, 12 Inch Wheel, 13" Wheel. Similar to 4740-L, BK-7E-01, 23-47, AKEBRK-2L.	4.10	420
			
BRK-EB07RH	Electric Trailer Brake Assembly - 7" - Right Hand - 2000 LBS; Manual Adjust, 7 X 1-1/4 Inch Drum, 10 Inch Wheel, 12 Inch Wheel, 13" Wheel. Similar to 4740-R, BK-7E-02, 23-48. AKEBRK-2R.	4.10	420
			
BRK-EB10LH	Electric Trailer Brake Assembly - 10" - Left Hand - 3500 LBS; Manual Adjust, 10 X 2-1/4 Inch Drum, 13 Inch Wheel, 14 Inch Wheel, 14-1/2" Inch Wheel, 15" Wheel. Similar to 4701-L, BK-10E-01, 23-26, AKEBRK-35L.	9.60	168
			

PART NO.	DESCRIPTION	UNIT WEIGHT	CRATE QTY.
BRK-EB10RH	Electric Trailer Brake Assembly - 10" - Right Hand - 3500 LBS; Manual Adjust, 10 X 2-1/4 Inch Drum, 13 Inch Wheel, 14 Inch Wheel, 14-1/2" Inch Wheel, 15" Wheel. Similar to 4701-R, BK-10E-02, 23-27, AKEBRK-35R. 	9.60	168
BRK-EB12LH	Electric Trailer Brake Assembly - 12" - Left Hand - 5200 LBS to 7000 LBS; Manual Adjust, 12 X 2 Inch Drum, 5200 LBS Axle, 6000 LBS Axle, 7000 LBS Axle, 14-1/2 Inch Wheel, 15" Wheel, 16 Inch Wheel. Similar to 4704-L, BK-12E-01, 23-105, AKEBRK-6L. 	14.80	126
BRK-EB12RH	Electric Trailer Brake Assembly - 12" - Right Hand - 5200 LBS to 7000 LBS; Manual Adjust, 12 X 2 Inch Drum, 5200 LBS Axle, 6000 LBS Axle, 7000 LBS Axle, 14-1/2 Inch Wheel, 15" Wheel, 16 Inch Wheel. Similar to 4704-R, BK-12E-02, 23-106, AKEBRK-6R. 	14.80	126

ELECTRIC BRAKES -Handbrake & Self Adjusting

PART NO.	DESCRIPTION	UNIT WEIGHT	CRATE QTY.
BRK-EB12LH-SA	12" x 2 Self adjusting Electric Brake (LH)	14.72	126
			

ELECTRIC BRAKES -Handbrake & Self Adjusting

PART NO.	DESCRIPTION	UNIT WEIGHT	CRATE QTY.
BRK-EB12RH-SA	12" x 2 Self adjusting Electric Brake (RH)	14.72	126
			

HYDRAULIC BRAKES

PART NO.	DESCRIPTION	UNIT WEIGHT	CRATE QTY.
BRK-HYD10LH-FB	Hydraulic Brake 10"x2-1/4 Freebacking (LH)	10.33	156
			
BRK-HYD10RH-FB	Hydraulic Brake 10"x2-1/4 Freebacking (RH)	10.33	156
			

HYDRAULIC BRAKES



PART NO.	DESCRIPTION	UNIT WEIGHT	CRATE QTY.
BRK-HYD12LH-FB	Hydraulic Brake 12"x2 Freebacking (LH)	16.43	156
			
BRK-HYD12RH-FB	Hydraulic Brake 12" x 2 Freebacking (RH)	16.43	156
			

Hydraulic Brakes

ELECTRIC BRAKE KITS

PART NUMBER	DESCRIPTION	UNIT WEIGHT
BRK-EB07-KIT	Electric Trailer Brake Assembly - 7" - Kit includes both BRK-EB07LH (left hand) and BRK-EB07RH (right hand) manual adjust brakes and EBK-4 Nuts Kit consisting of 8 pieces FS13-1 hex nuts 7/16"-20.	8.40
		
BRK-EB10-KIT	Electric Trailer Brake Assembly - 10" - Kit includes both BRK-EB10LH (left hand) and BRK-EB10RH (right hand) manual adjust brakes and EBK-4 Nuts Kit consisting of 8 pieces FS13-1 hex nuts 7/16"-20.	19.85
		

ELECTRIC BRAKE KITS

PART NUMBER	DESCRIPTION	UNIT WEIGHT
BRK-EB12-KIT	Electric Trailer Brake Assembly - 12" - Kit includes both BRK-EB12LH (left hand) and BRK-EB12RH (right hand) manual adjust brakes and EBK-5 Nuts Kit consisting of 10 pieces FS13-2 hex nuts 3/8"-24.	29.42
		
BRK-EB12-SA-KIT	Electric Trailer Brake Assembly – 12" – Kit includes both BRK-EB12LH-SA (left hand) and BRK-EB12RH-SA (right hand) Self Adjusting Electric Brakes and EBK-5 Nuts Kits consisting of 10 pieces FS13-2hex nuts 3/8" – 24.	29.44
		

HANGER KITS

PART NO.

DESCRIPTION

WEIGHT/LBS

HK093204

Single Axle Attaching Parts Kit, 1 3/4" Wide Open Eye Hook Springs,
Kit contains all parts to attach one axle (two springs) to the frame.
U-bolt kits are not included.

5.81



Cross Reference	Part #	Description	Qty.
14282	FH-01	Front Hangers	2
14282	FH-01	Rear Hangers	2
14064	SHB-9163	Shackle Bolts 9/16"-18 x 3"	4
4123-TL	TLN-916	Top Lock Nuts 9/16"-18	4
14630	PE-224	Nylon Bushings 7/8"OD x 9/16"ID x 1 3/4" OAL	2
14620	PE-228	Nylon Bushings 7/8"OD x 9/16"ID x 1 3/4" OAL	4

Note: For use with UNA-262, 263, 264 & 265

HK093211

Single Axle Attaching Parts Kit, 1 3/4" Wide Slipper Spring. Kit contains all parts to attach
one axle (two springs) to the frame. U-bolt kits are not included.

3.05



Cross Reference	Part #	Description	Qty.
14282	FH-01	Front Hangers	2
14110	RH-01	Rear Slippers	2
14064	SHB-9163	Shackle Bolts 9/16"-18 x 3"	2
4123-TL	TLN-916	Top Lock Nuts 9/16"-18	2
14632	PE-225	Nylon Bushings 7/8"OD x 9/16"ID x 1 3/4" OAL	2

HK093216

Tandem Axle Attaching Parts Kit, 2" Wide Slipper Spring (up to 8,000 lbs.\Capacity Axles).
Kit contains all parts to attach two axles (four springs) to the frame. U-bolt kits are not included.

40.1



Cross Reference	Part #	Description	Qty.
14293	FH-28-1	Front Hangers	2
14294	RH-30-28	Rear Hangers	2
14295	CH-29-1	Center Hangers (Equalizer Hangers)	2
91303	E-3	Equalizers, fabricated	2
14066	SHB-91635	Shackle Bolts 9/16"-18 x 3 1/2"	8
14092	CB-78434	Carriage Bolts 7/8"-9 x 4 3/4"	2
4123-TL	TLN-916	Top Lock Nuts 9/16"-18	8
4127	CRN-78	Slotted Nuts 7/8"-9	2
34007	FS4-1	Cotter Pins	2

HK093221

Single Axle Attaching Parts Kit, 1 3/4" Wide Double Eye Spring.
Kit contains all parts to attach one axle (two springs) to the frame.
U-bolt kits are not included.

6.15



Cross Reference	Part #	Description	Qty.
14282	FH-01	Front Hangers	2
14279	RH-02	Rear Shackles	2
14064	SHB-9163	Shackle Bolts 9/16"-18 x 3"	6
4123-TL	TLN-916	Top Lock Nuts 9/16"-18	6
14420	SL-01	Links 2" CtoC	4

HK093236

Tandem Axle Attaching Parts Kit, 1 3/4" Wide Double Eye Spring.
Kit contains all parts to attach two axles (four springs) to the frame.
U-bolt kits are not included.

19.25



Cross Reference	Part #	Description	Qty.
14281	FH-02	Front Hangers	2
14281	FH-02	Rear Hangers	2
14285	FH-03	Equalizer Hangers	2
14259	E-1	Cast Equalizers	2
14064	SHB-9163	Shackle Bolts 9/16"-18 x 3"	14
4123-TL	TLN-916	Top Lock Nuts 9/16"-18	14
14423	SL-03	Links 3 1/8" CtoC	8

U-BOLT KITS

PART NO.

WEIGHT (LBS)

UBK97050-2



Attaches 2 springs, fits 2" square axle, 1.75" wide springs

4.70

Cross Reference	Part #	Description	Qty.
9156	UB-03	U-Bolt 1/2 x 2 1/8 x 5"	4
14229	TP-03	Tie Plates	2
4120	NLN-12	Lock Nut 1/2" -13	8

Note: For use with UNA-262, 263, 264 & 265

UBK97055-2



Attaches 2 springs, fits 2" square axle, 1.75 wide springs

4.95

Cross Reference	Part #	Description	Qty.
9158	UB-04	U-Bolt 1/2 x 2 1/8 x 5 1/2"	4
14229	TP-03	Tie Plates	2
4120	NLN-12	Lock Nut 1/2" -13	8

Note: For use with UNA-262, 263, 264 & 265

UBK97060-2



Attaches 2 springs, fits 2" square axle, 1.75" wide springs

5.10

Cross Reference	Part #	Description	Qty.
9157	UB-05	U-Bolt 1/2 x 2 1/8 x 6"	4
14229	TP-03	Tie Plates	2
4120	NLN-12	Lock Nut 1/2" -13	8

Note: For use with UNA-262, 263, 264 & 265

UBK97111-2



Attaches (2) 1-3/4 in. Springs to 1-3/4 in. Round Axle

4.5

Cross Reference	Part #	Description	Qty.
9123	UB-03	U-Bolt 1/2 x 1-7/8 x 4-1/4"	4
14036	TP-04	Tie Plates	2
4120	NLN-12	Lock Nut	8

UBK97112-2



Attaches 2 springs, fits 2 3/8" round axle, 1.75" wide springs

4.85

Cross Reference	Part #	Description	Qty.
9127	UB-01	U-Bolt 1/2 x 2 1/2 x 5 1/2"	4
14525	TP-01	Tie Plates	2
4120	NLN-12	Lock Nut 1/2" -13	8

UBK97124-2



Attaches 2 springs, fits 3" round axle, 1.75" wide springs

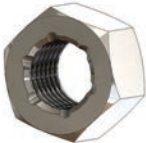
5.75

Cross Reference	Part #	Description	Qty.
9139	UB-02	U-Bolt 1/2 x 3 1/8 x 7"	4
14595	TP-02	Tie Plates	2
4120	NLN-12	Lock Nut 1/2" -13	8

ATTACHING PARTS

PART NO.		DESCRIPTION	UNIT WEIGHT
CH-29-1		Center Hanger (Equalizer Hanger) for 2" Wide Slipper Springs, 3-1/2" Tall from Center of Hole to Top of Hanger, 7/8" Bolt Hole	0.81
E-3		Fabricated equalizer from HK093216 Hanger Kit, for 2" wide slipper spring tandem axle	9.5
EQ-13-4		Swan-Shaped Equalizer for 2" Wide Slipper Springs	9.5
FH-01		Hanger-1 3/4" spring 2.125" oah	0.91
FH-02		Hanger-1 3/4" spring 2.75" oah	1.19
FH-03		Hanger-std equalizer-9/16 hole 3.88" oah	1.50
FH-28-1		Front Hanger for 2" Wide Slipper Springs, 4-1/4" Tall from Center of Hole to Top of Hanger, 9/16" Bolt Hole	1.00

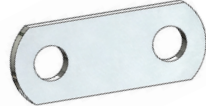
ATTACHING PARTS

PART NO.		DESCRIPTION	UNIT WEIGHT
NLN-12		Nylon locknut 1/2-13 zinc	0.04
RH-02		Rear Shackle for 1 3/4" spring 2.30" oah	0.85
RH-30-28		Rear Hanger for 2" Wide Slipper Springs, 5-1/4" Tall from Center of Hole to Top of Hanger, 9/16" Bolt Hole	1.20
TP-01		Plate 5 holes -1 3/4" SPR- 2 1/2" u-bolt ID	1.15
TP-02		Plates 5 holes -1 3/4" SPR- 3 1/8" u-bolt ID	1.11
TP-14036		Tie Plate for 2K round axle	1.13
TLN-916		Lock nut 9/16-18 top lock	0.06

ATTACHING PARTS

PART NO.	DESCRIPTION	UNIT WEIGHT
SBB-ECB	Bronze bushing 11/16 OD X 9/16 ID X 1 3/4 width	0.05
		
SHB-60127Z	7/8 Castle nut for SHB-7845 LUBE ZINC	0.10
		
SHB-7845 LUBE ZINC	Shackle bolt 7/8-9 X 4.5 Zinc Plated	0.24
		
SHB-91630	Shackle bolt 9/16-18 X 3 black	0.26
		
SHB-91630 LUBE	Shackle bolt 9/16-18 X 3 GREASEABLE	0.25
		
SHB-91635	Shackle Bolt 9/16-18 X 3 1/2 black	0.29
		
SHB-91635 LUBE	Shackle bolt 9/16-18 X 3 1/2 GREASEABLE	0.25
		

ATTACHING PARTS

PART NO.		DESCRIPTION	UNIT WEIGHT
UB-02		U-bolt, round 1/2"-13 x 3-1/8" x 7"	0.72
UB-01		U-bolt, round 1/2"-13 x 2 1/2" x 5 1/2"	0.58
UB-9123		U-bolt for 2K round axle	0.49
SL-01		Link -9/16" bolt size- 2" centers	0.19
SL-02		Link -9/16" bolt size- 2 1/2" centers	0.23
SL-03		Link -9/16" bolt size- 3 1/8" centers	0.27

HUB KITS

For 1.1K idler axle, 4 on 4.00" Bolt Circle, studded, non-lubed spindle 1"

Kit #	Weight (lbs)	Part #	Qty	Description
11-440-100	5.42	ID-88440-5	1	Hub Cupped 4-4.00 BC Studded
		L44643	2	Bearing Cone
		SE125-197-25TB	1	Seal (FS10-1)
		FS6-1	1	Dust Cap
		FS8-1	4	Cone Nuts 60°
		FS5-1	1	Spindle Nut
		FS7-10	1	Spindle Flat Washer, Round
		FS7-1	1	Spindle Flat Washer, D shape
		FS12-2	1	Spindle Nut Retainer
		FS4-1	1	Cotter Pin



For 2K idler axle, 4 on 4.00" Bolt Circle, studded, lubed spindle 1 1/16"

Kit #	Weight (lbs)	Part #	Qty	Description
11-440-116	5.48	ID-88440-5	1	Hub Cupped 4-4.00 BC Studded
		L44649	2	Bearing Cone
		SE150-198-25TB	1	Seal (FS10-2)
		FS6-2	1	Grease Cap
		FS8-1	4	Cone Nuts 60°
		FS15- 1	1	Rubber Plug
		FS5-1	1	Spindle Nut
		FS7-10	1	Spindle Flat Washer, Round
		FS7-1	1	Spindle Flat Washer, D shape
		FS12-2	1	Spindle Nut Retainer
		FS4-1	1	Cotter Pin



For 2K idler axle, 5 on 4.50" Bolt Circle, studded, non-lubed spindle 1" - for 8"-12" wheels only

Kit #	Weight (lbs)	Part #	Qty	Description
11-545-100 	6.15	ID-88545-5	1	Hub Cupped 5-4.50 BC Studded
		L44643	2	Bearing Cone
		SE125-197-25TB	1	Seal (FS10-1)
		FS6-1	1	Dust Cap
		FS8-1	5	Cone Nuts 60°
		FS5-1	1	Spindle Nut
		FS7-10	1	Spindle Flat Washer, Round
		FS7-1	1	Spindle Flat Washer, D shape



The information contained on this page is intended to aid in identification of available hub kits.

For 3.5K idler axle, 5 on 4.50" Bolt Circle, studed, lubed spindle 1 3/8" x 1 1/16"

Kit #	Weight (lbs)	Part #	Qty	Description
11-545-138	7.67	ID-84545	1	Hub Cupped 5-4.50 BC Studed
		L44649	1	Bearing Cone
		L68149	1	Bearing Cone
		SE171-256-50TB	1	Seal (FS10-3)
		FS6-2	1	Grease Cap
		FS8-1	5	Cone Nuts 60°
		FS15-1	1	Rubber Plug
		FS5-1	1	Spindle Nut
		FS7-10	1	Spindle Flat Washer, Round
		FS7-1	1	Spindle Flat Washer, D shape
		FS12-2	1	Spindle Nut Retainer
		FS4-1	1	Cotter Pin
				

For 2.5K idler axle, 5 on 4.50" Bolt Circle, studed, lubed spindle 1 1/16" - for 8"-12" wheels only

Kit #	Weight (lbs)	Part #	Qty	Description
11-545-161	6.20	ID-88545-5	1	Hub Cupped 5-4.50 BC Studed
		L44649	2	Bearing Cone
		SE125-197-25TB	1	Seal (FS10-1)
		FS6-2	1	Grease Cap
		FS8-1	5	Cone Nuts 60°
		FS15-1	1	Rubber Plug
		FS5-1	1	Spindle Nut
		FS7-10	1	Spindle Flat Washer, Round
		FS7-1	1	Spindle Flat Washer, D shape
		FS12-2	1	Spindle Nut Retainer
		FS4-1	1	Cotter Pin
				

For 2.5K idler axle, 5 on 4.50" Bolt Circle, studed, lubed spindle 1 1/16" - for 13"-15" wheels only

Kit #	Weight (lbs)	Part #	Qty	Description
11-545-162	8.23	FS1-2A	1	Hub Cupped 5-4.50 BC Studed - Large flange 6.5"
		L44649	2	Bearing Cone
		SE150-198-25TB	1	Seal (FS10-2)
		FS6-2	1	Grease Cap
		FS8-1	5	Cone Nuts 60°
		FS15-1	1	Rubber Plug
		FS5-1	1	Spindle Nut
		FS7-10	1	Spindle Flat Washer, Round
		FS7-1	1	Spindle Flat Washer, D shape
		FS12-2	1	Spindle Nut Retainer
		FS4-1	1	Cotter Pin
				

HUB KITS

For 3.5K idler axle, 5 on 5.0" Bolt Circle, studded, lubed spindle 1-3/8" x 1-1/16"

Kit #	Weight (lbs)	Part #	Qty	Description
11-550-138	7.67	ID-84550-5	1	Hub Cupped 5-5.0 BC 1/2" Studs
		L-44649-CH	1	Bearing Cone
		L-68149-CH	1	Bearing Cone
		SE171-256-50TB	1	Seal (FS10-3)
		FS6-2	1	Grease Cap
		FS8-1	5	Cone Nuts 60°
		FS15-1	1	Rubber Plug
		FS5-1	1	Spindle Nut
		FS7-10	1	Spindle Flat Washer, Round"
		FS7-1	1	Spindle Flat Washer, D shape
		FS12-2	1	Spindle Nut Retainer
		FS4-1	1	Cotter Pin



For 5.2K idler axle, 6 on 5.50" Bolt Circle, studded, lubed spindle 1 3/4" x 1 1/4"

Kit #	Weight (lbs)	Part #	Qty	Description
11-655-134	12.23	ID-82655-5	1	Hub Cupped 6-5.50 BC Studded
		25580	1	Bearing Cone
		15123	1	Bearing Cone
		SE225-337-37TB	1	Seal (FS10-5)
		FS6-3	1	Grease Cap
		FS8-1	6	Cone Nuts 60°
		FS15-1	1	Rubber Plug
		FS5-1	1	Spindle Nut
		FS7-10	1	Spindle Flat Washer, Round
		FS7-1	1	Spindle Flat Washer, D shape
		FS12-2	1	Spindle Nut Retainer
		FS4-1	1	Cotter Pin



For 7K idler axle, 8 on 6.50" Bolt Circle, studded, lubed spindle 1-3/4" x 1-1/4"

Kit #	Weight (lbs)	Part #	Qty	Description
11-865-134	12.77	ID-82865-5	1	Hub Cupped 8-6.50" BC 1/2" Studs
		25580-CH	1	Bearing Cone
		14125A-CH	1	Bearing Cone
		SE225-337-37TB	1	Seal (FS10-5)
		FS6-4	1	Grease Cap
		FS8-1	8	Cone Nuts 60°
		FS15-1	1	Rubber Plug
		FS5-1	1	Spindle Nut
		FS7-10	1	Spindle Flat Washer, Round
		FS7-1	1	Spindle Flat Washer, D shape
		FS12-2	1	Spindle Nut Retainer
		FS4-1	1	Cotter Pin



The information contained on this page is intended to aid in identification of available hub kits.

BRAKE DRUM KITS

For 3.5K axle, 5 on 4.50" Bolt Circle, studded, lubed spindle 1 3/8" x 1 1/16" 10" Drum

Kit #	Weight (lbs)	Part #	Qty	Description
12-545-138	20.15	BD-105450	1	Hub & Drum Cupped 5-4.50 BC Studded
		L44649	1	Bearing Cone
		L68149	1	Bearing Cone
		SE171-256-50TB	1	Seal (FS10-3)
		FS6-2	1	Grease Cap
		FS8-1	5	Cone Nuts 60°
		FS15-1	1	Rubber Plug
		FS5-1	1	Spindle Nut
		FS7-10	1	Spindle Flat Washer, Round
		FS7-1	1	Spindle Flat Washer, D shape
		FS12-2	1	Spindle Nut Retainer
		FS4-1	1	Cotter Pin



For 5.2K axle, 6 on 5.50" Bolt Circle, studded, lubed spindle 1 3/4" x 1 1/4" 12" Drum; 1/2" Studs; 2 1/8" Seal

Kit #	Weight (lbs)	Part #	Qty	Description
12-655-341	31.92	BD-126550 HD	1	Hub & Drum Cupped 6-5.50 BC Studded
		25580	1	Bearing Cone
		15123	1	Bearing Cone
		SE212-337-37TB	1	Seal (FS10-4)
		FS6-3	1	Grease Cap
		FS8-1	6	Cone Nuts 60°
		FS15-1	1	Rubber Plug
		FS5-1	1	Spindle Nut
		FS7-10	1	Spindle Flat Washer, Round
		FS7-1	1	Spindle Flat Washer, D shape
		FS12-2	1	Spindle Nut Retainer
		FS4-1	1	Cotter Pin



For 5.2K axle, 6 on 5.50" Bolt Circle, studded, lubed spindle 1 3/4" x 1 1/4" 12" Drum; 1/2" Studs; 2 1/4" Seal

Kit #	Weight (lbs)	Part #	Qty	Description
12-655-342	32.21	BD-126550 HD	1	Hub & Drum Cupped 6-5.50 BC Studded
		25580	1	Bearing Cone
		15123	1	Bearing Cone
		SE225-337-37TB	1	Seal (FS10-5)
		FS6-3	1	Grease Cap
		FS8-1	6	Cone Nuts 60°
		FS15-1	1	Rubber Plug
		FS5-1	1	Spindle Nut
		FS7-10	1	Spindle Flat Washer, Round
		FS7-1	1	Spindle Flat Washer, D shape
		FS12-2	1	Spindle Nut Retainer
		FS4-1	1	Cotter Pin



BRAKE DRUM KITS

For 6K axle, 6 on 5.50" Bolt Circle, studded, lubed spindle 1 3/4" x 1 1/4" 12" Drum; 9/16" Studs; 2 1/4" Seal

Kit #	Weight (lbs)	Part #	Qty	Description
12-655-916	32.75	BD-12655T HD	1	Hub & Drum Cupped 6-5.50 BC 9/16" Studs
		25580	1	Bearing Cone
		15123	1	Bearing Cone
		SE225-337-37TB	1	Seal (FS10-5)
		FS6-3	1	Grease Cap
		006-053-00	6	Cone Nuts 60°
		FS15-1	1	Rubber Plug
		FS5-1	1	Spindle Nut
		FS7-10	1	Spindle Flat Washer, Round
		FS7-1	1	Spindle Flat Washer, D shape
		FS12-2	1	Spindle Nut Retainer
		FS4-1	1	Cotter Pin



For 7K axle, 8 on 6.50" Bolt Circle, studded, lubed spindle 1 3/4" x 1 1/4" 12" Drum; 1/2" Studs; 2 1/8" Seal

Kit #	Weight (lbs)	Part #	Qty	Description
12-865-341	38.37	BD-128650	1	Hub & Drum Cupped 8-6.50 BC
		25580	1	Bearing Cone
		14125A	1	Bearing Cone
		SE212-337-37TB	1	Seal (FS10-4)
		FS6-4	1	Grease Cap
		FS8-1	8	Cone Nuts 60°
		FS15-1	1	Rubber Plug
		FS5-1	1	Spindle Nut
		FS7-10	1	Spindle Flat Washer, Round
		FS7-1	1	Spindle Flat Washer, D shape
		FS12-2	1	Spindle Nut Retainer
		FS4-1	1	Cotter Pin



For 7K axle, 8 on 6.50" Bolt Circle, studded, lubed spindle 1 3/4" x 1 1/4" 12" Drum; 1/2" Studs; 2 1/4" Seal

Kit #	Weight (lbs)	Part #	Qty	Description
12-865-342	38.52	BD-128650	1	Hub & Drum Cupped 8-6.50 BC
		25580	1	Bearing Cone
		14125A	1	Bearing Cone
		SE225-337-37TB	1	Seal (FS10-5)
		FS6-4	1	Grease Cap
		FS8-1	8	Cone Nuts 60°
		FS15-1	1	Rubber Plug
		FS5-1	1	Spindle Nut
		FS7-10	1	Spindle Flat Washer, Round
		FS7-1	1	Spindle Flat Washer, D shape
		FS12-2	1	Spindle Nut Retainer
		FS4-1	1	Cotter Pin



For 1" spindle size

Kit #	Weight (lbs)	Part #	Qty	Description	Fits
13-100-100	0.61	L44643	2	Bearing Cone	ID-88440-5; ID-88545-5;
		L44610	2	Bearing Cup	BD-75440; BD-75450
		SE125-197-25TB	1	Seal (FS10-1)	
		FS12-2	1	Tang Washer	
		FS4-1	1	Cotter Pin	



For 1 1/16" Non-lubed spindle size

Kit #	Weight (lbs)	Part #	Qty	Description	Fits
13-116-116	0.56	L44649	2	Bearing Cone	ID-88440-5; ID-88545-5;
		L44610	2	Bearing Cup	BD-75440; BD-75450
		SE125-197-25TB	1	Seal(FS10-1)	
		FS12-2	1	Tang Washer	
		FS4-1	1	Cotter Pin	



Note: For 1 1/16" lubed spindle use FS10-2 seal

For 1 1/16" Lubed spindle size

Kit #	Weight (lbs)	Part #	Qty	Description	Fits
13-116-116A	0.56	L44649	2	Bearing Cone	ID-88440-5; ID-88545-5;
		L44610	2	Bearing Cup	BD-75440; BD-75450
		SE150-198-25TB	1	Seal(FS10-2)	
		FS12-2	1	Tang Washer	
		FS4-1	1	Cotter Pin	



For 1 1/4" spindle size

Kit #	Weight (lbs)	Part #	Qty	Description	Fits
13-125-125	0.84	LM67048	2	Bearing Cone	HK6
		LM67010	2	Bearing Cup	
		SE150-198-25TB	1	Seal(FS10-2)	
		FS12-2	1	Tang Washer	
		FS4-1	1	Cotter Pin	



BEARING KITS

For 1 1/4" & 3/4" spindle size

Kit #	Weight (lbs)	Part #	Qty	Description	Fits
13-125-075	0.71	LM11949	1	Bearing Cone	HK9
		LM67048	1	Bearing Cone	
		LM11910	1	Bearing Cup	
		LM67010	1	Bearing Cup	
		SE150-198-25TB	1	Seal(FS10-2)	
		FS12-2	1	Tang Washer	
		FS4-1	1	Cotter Pin	



For 1 3/8" & 1 1/16" spindle size

Kit #	Weight (lbs)	Part #	Qty	Description	Fits
13-138-116	0.73	L44649	1	Bearing Cone	ID-84545; BD-105450
		L68149	1	Bearing Cone	
		L44610	1	Bearing Cup	
		L68111	1	Bearing Cup	
		SE171-256-50TB	1	Seal(FS10-3)	
		FS12-2	1	Tang Washer	
		FS4-1	1	Cotter Pin	



For 1 3/4" & 1 1/4" spindle size

Kit #	Weight (lbs)	Part #	Qty	Description	Fits
13-175-125	1.81	25580	1	Bearing Cone	ID-82655-5; BD-126550 HD;
		15123	1	Bearing Cone	
		25520	1	Bearing Cup	BD-12655T HD
		15245	1	Bearing Cup	
		SE225-337-37TB	1	Seal(FS10-5)	
		FS12-2	1	Tang Washer	
		FS4-1	1	Cotter Pin	



For 1 3/4" & 1 1/4" spindle size

Kit #	Weight (lbs)	Part #	Qty	Description	Fits
13-175-125A	2.07	25580	1	Bearing Cone	ID-82865-5; BD-128650
		14125A	1	Bearing Cone	
		25520	1	Bearing Cup	
		14276	1	Bearing Cup	
		SE212-337-37TB	1	Seal(FS10-4)	
		FS12-2	1	Tang Washer	
		FS4-1	1	Cotter Pin	



The information contained on this page is intended to aid in identification of available bearing kits.
This is not intended for design purposes.

BEARING KITS

For 1 3/4" & 1 1/4" spindle size

Kit #	Weight (lbs)	Part #	Qty	Description	Fits
13-175-125B	2.07	25580	1	Bearing Cone	ID-82655-5;BD-128650
		14125A	1	Bearing Cone	BD-126550 HD,
		25520	1	Bearing Cup	BD-12655T HD
		14276	1	Bearing Cup	
		SE225-337-37TB	1	Seal(FS10-5)	
		FS12-2	1	Tang Washer	
		FS4-1	1	Cotter Pin	



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