

Industry Conversions

45 Years  
Quality  
Service



**United California Corporation**  
**United Drill Bushing Corporation**  
**United Screw Products Company**

**Part 1**  
**Standard Bushings**  
**Industry Conversions**

**Easy Look-Up**  
**from other Part**  
**Numbers to UNITED**  
**Part Numbers!**

SOME ITEMS ARE NOT NECESSARILY EXACT DIMENSIONALLY, BUT ARE SUPERIOR IN DESIGN AND APPLICATION.

12200 WOODRUFF AVE. • DOWNEY, CA 90241-5608 • TELEPHONE (562) 803-1521 / (800) 421-3466 IN CA / (800) 486-3466 • FAX (562) 803-6898 / (800) 486-3465 1

8-6-09

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HEADLESS PRESS FIT BUSHINGS Type P									
ABC	ACE (OLD)	ACME (OLD)	BRINEY	ALL AMERICAN AMER. DRILL BUSH. CARR LANE JERGENS-ACME	COL	ECONOMY (OLD)	UNIVERSAL (OLD)	XLO (OLD)	<b>UNITED</b>
AA-01-F A-01-F BB-01-F C-01-F	1PO 2PO 3PO 4PO	P-010 P-011 P-011-X P-012	G-701-11 G-701-1 G-701-12 G-701-2	P-10-4 P-10-5 P-10-6 P-10-8	AS-88A S-88A AL-88A L-88A	T-00 T-01 T-011 T-02	GM-902 GU-902 GS-902 GA-902	AX-788 X-788 AL-788 O-788	P-10-4 P-10-5 P-10-6 P-10-8 P-10-12  P-12-4 P-12-6 P-12-8 P-12-10 P-12-12
AA-1-F A-1-F BB-1-F C-1-F 1L-1-F 2L-1-F	1P1 2P1 3P1 4P1 5P1 6P1	P-10 P-11 P-11-X P-12 P-13 P-14	G-702-11 G-702-1 G-702-12 G-702-2 G-702-3	P-13-4 P-13-5 P-13-6 P-13-8 P-13-12 P-13-16	AS-89A S-89A AL-89A L-89A 1-89A 2-89A	T-10 T-11 T-111 T-12 T-13 T-14	GM-901 GU-901 GS-901 GA-901 GB-901	AX-799 X-799 AL-799 O-799 1S-799 2S-799	P-13-4 P-13-5 P-13-6 P-13-8 P-13-12 P-13-16 P-13-22
AA-2-F A-2-F BB-2-F C-2-F 1L-2-F 2L-2-F	1P2 2P2 3P2 4P2 5P2 6P2	P-20 P-21 P-21-X P-22  P-23 P-24	G-703-11 G-703-1 G-703-12 G-703-2  G-703-3	P-16-4 P-16-5 P-16-6 P-16-8  P-16-12 P-16-16	AS-90A S-90A AL-90A L-90A  1-90A 2-90A	T-20 T-21 T-211 T-22  T-23 T-24	GM-900 GU-900 GS-900 GA-900  GB-900	AX-800 X-800 AL-800 O-800  1S-800 2S-800	P-16-4 P-16-5 P-16-6 P-16-8 P-16-10 P-16-12 P-16-16 P-16-22 P-16-24 P-16-28
AA-3-F A-3-F BB-3-F B-3-F C-3-F 1L-3-F 2L-3-F	1P3 2P3 3P3 4P3 5P3 6P3 7P3	P-30 P-31 P-31-X P-32  P-33 P-34 P-35	G-71-11 G-71-1 G-71-12 G-71-2  G-71-3 G-71-4 G-71-5	P-20-4 P-20-5 P-20-6 P-20-8  P-20-12 P-20-16 P-20-22	AS-91A S-91A AM-91A M-91A  L-91A 1-91A 2-91A	T-30 T-31 T-311 T-32  T-33 T-34 T-35	GM-91 GU-91 GX-91 GS-91  GA-91 GB-91 GC-91	AX-811 X-811 AL-811 L-811  O-811 1S-811 2S-811	P-20-4 P-20-5 P-20-6 P-20-8 P-20-10 P-20-12 P-20-16 P-20-22 P-20-24 P-20-28
AA-4-F A-4-F BB-4-F B-4-F C-4-F 1L-4-F 2L-4-F 3L-4-F 4L-4-F	1P4 2P4 3P4 4P4 5P4 6P4 7P4 8P4 9P4	P-040 P-041 P-041-X P-042 P-043 P-044 P-045 P-046 P-047	G-71A-11 G-71A-1 G-71A-12 G-71A-2 G-71A-3 G-71A-4 G-71A-5 G-71A-6 G-71A-7	P-26-4 P-26-5 P-26-6 P-26-8 P-26-12 P-26-16 P-26-22 P-26-28 P-26-34	AS-910A S-910A AM-10A M-910A L-910A 1-910A 2-910A 3-910A 4-910A	T-30A T-31A T-311A T-32A T-33A T-34A T-35A T-36A T-37A	GM-921 GU-921 GX-921 GS-921 GA-921 GB-921 GD-921 GE-921 GF-921	AX-811-A X-811-A AL-811-A L-811-A O-811-A 1S-811-A 2S-811-A 3S-811-A 4S-811-A	P-24-4 P-24-5 P-24-6 P-24-8 P-24-10 P-24-12 P-24-16
AA-5-F A-5-F BB-5-F B-5-F C-5-F 1L-5-F 2L-5-F 3L-5-F 4L-5-F	1P5 2P5 3P5 4P5 5P5 6P5 7P5 8P5 9P5	P-40 P-41 P-41-X P-42 P-43 P-44 P-45 P-46 P-47	G-72-N G-72-1 G-72-11 G-72-2 G-72-3 G-72-4 G-72-5 G-72-6 G-72-7	P-32-4 P-32-5 P-32-6 P-32-8 P-32-12 P-32-16 P-32-22 P-32-28 P-32-34	AS-92A S-92A AM-92A M-92A L-92A 1-92A 2-92A 3-92A 4-92A	T-40 T-41 T-411 T-42 T-43 T-44 T-45 T-46 T-47	GM-92 GU-92 GX-92 GS-92 GA-92 GB-92 GD-92 GE-92 GF-92	B-822 X-822 AL-822 L-822 O-822 1S-822 2S-822 3S-822 4S-822	P-28-4 P-28-5 P-28-6 P-28-8 P-28-10 P-28-12 P-28-16
AA-6-F BA-6-F A-6-F  B-6-F C-6-F 1L-6-F 2L-6-F 3L-6-F 4L-6-F	2P6 3P6 4P6  5P6 6P6 7P6 8P6 9P6 10P6	P-051 P-051-X P-052  P-053 P-054 P-055 P-056 P-057 P-058	G-72A-11 G-72A-12 G-72A-1  G-72A-2 G-72A-3 G-72A-4 G-72A-5 G-72A-6 G-72A-7	P-40-4 P-40-5 P-40-6  P-40-8 P-40-12 P-40-16 P-40-22 P-40-28 P-40-34	AS-920A BS-920A S-920A  M-920A L-920A 1-920A 2-920A 3-920A 4-920A	T-41A T-411A T-42A  T-43A T-44A T-45A T-46A T-47A T-48A	GM-931 GU-931 GX-931  GS-931 GA-931 GB-931 GC-931 GE-931 GF-931	AX-822-A BX-822-A X-822-A  L-822-A O-822-A 1S-822-A 2S-822-A 3S-822-A 4S-822-A	P-36-4 P-36-5 P-36-6 P-36-8 P-36-10 P-36-12 P-36-16
									P-40-5 P-40-6 P-40-8 P-40-10 P-40-12 P-40-16 P-40-22 P-40-28 P-40-34

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# Bushings Conversions

Industry Conversions

HEADLESS PRESS FIT BUSHINGS Type P									
ABC	ACE (OLD)	ACME (OLD)	BRINEY	ALL AMERICAN AMER. DRILL BUSH. CARR LANE JERGENS-ACME	COL	ECONOMY (OLD)	UNIVERSAL (OLD)	XLO (OLD)	UNITED
AA-7-F A-7-F	2P7 4P7	P-51 P-52	G-73-11	P-48-5 G-73-1	AS-93A S-93A	T-51 T-52	GM-93 GU-93	B-833 X-833	P-48-4 P-48-5 P-48-8 P-48-10 P-48-12 P-48-16 P-48-22 P-48-28 P-48-34 P-48-40
B-7-F C-7-F 1L-7-F 2L-7-F 3L-7-F 4L-7-F	5P7 6P7 7P7 8P7 9P7 10P7	P-53 P-54 P-55 P-56 P-57 P-58	G-73-2 G-73-3 G-73-4 G-73-5 G-73-6 G-73-7	P-48-12 P-48-16 P-48-22 P-48-28 P-48-34 P-48-40	M-93A L-93A 1-93A 2-93A 3-93A 4-93A	T-53 T-54 T-55 T-56 T-57 T-58	GS-93 GA-93 GB-93 GC-93 GE-93 GF-93	L-833 O-833 1S-833 2S-833 3S-833 4S-833	P-48-12 P-48-16 P-48-22 P-48-28 P-48-34 P-48-40
AA-8-F	4P8	P-062	G-73A-11	P-56-8	AS-930A	T-52A	GM-941	B-833-A	P-56-5 P-56-6 P-56-8 P-56-10 P-56-12 P-56-16 P-56-22 P-56-28 P-56-34 P-56-40 P-56-48
A-8-F B-8-F C-8-F 1L-8-F 2L-8-F 3L-8-F 4L-8-F	5P8 6P8 7P8 8P8 9P8 10P8 11P8	P-063 P-064 P-065 P-066 P-067 P-068 P-069	G-73A-1 G-73A-2 G-73A-3 G-73A-4 G-73A-5 G-73A-6 G-73A-7	P-56-12 P-56-16 P-56-22 P-56-28 P-56-34 P-56-40 P-56-48	S-930A M-930A L-930A 1-930A 2-930A 3-930A 4-930A	T-53A T-54A T-55A T-56A T-57A T-58A T-59A	GU-941 GS-941 GA-941 GB-941 GE-941 GD-941 GF-941	X-833-A L-833-A O-833-A 1S-833-A 2S-833-A 3S-833-A 4S-833-A	P-56-12 P-56-16 P-56-22 P-56-28 P-56-34 P-56-40 P-56-48
AA-9-F A-9-F B-9-F C-9-F 1L-9-F 2L-9-F 3L-9-F 4L-9-F	4P9 5P9 6P9 7P9 8P9 9P9 10P9 11P9	P-62 P-63 P-64 P-65 P-66 P-67 P-68 P-69	G-74-11 G-74-1 G-74-2 G-74-3 G-74-4 G-74-5 G-74-6 G-74-7	P-64-8 P-64-12 P-64-16 P-64-22 P-64-28 P-64-34 P-64-40 P-64-48	AS-94A S-94A M-94A L-94A 1-94A 2-94A 3-94A 4-94A	T-62 T-63 T-64 T-65 T-66 T-67 T-68 T-69	GM-94 GU-94 GS-94 GA-94 GB-94 GE-94 GD-94 GF-94	B-844 X-844 L-844 O-844 1S-844 2S-844 3S-844 4S-844	P-64-8 P-64-12 P-64-16 P-64-22 P-64-28 P-64-34 P-64-40 P-64-48
									P-72-8 P-72-10 P-72-12 P-72-16 P-72-20 P-72-22 P-72-24 P-72-28
									P-80-10 P-80-12 P-80-16 P-80-20 P-80-24 P-80-28 P-80-32
A-10-F B-10-F C-10-F 1L-10-F 2L-10-F 3L-10-F 4L-10-F	5P10 6P10 7P10 8P10 9P10 10P10 11P10	P-73 P-74 P-75 P-76 P-77 P-78 P-79	G-75-1 G-75-2 G-75-3 G-75-4 G-75-5 G-75-6 G-75-7	P-88-12 P-88-16 P-88-22 P-88-28 P-88-34 P-88-40 P-88-48	S-95A M-95A L-95A 1-95A 2-95A 3-95A 4-95A	T-73 T-74 T-75 T-76 T-77 T-78 T-79	GU-95 GS-95 GA-95 GB-95 GE-95 GF-95 GG-95	X-855 L-855 O-855 1S-855 2S-855 3S-855 4S-855	P-88-8 P-88-12 P-88-16 P-88-22 P-88-28 P-88-34 P-88-40 P-88-48
									P-96-12 P-96-16 P-96-20 P-96-24 P-96-28 P-96-32
A-11-F B-11-F	6P11 7P11	P-84 P-85	G-76-1 G-76-2	P-112-16 P-112-22	S-96A M-96A	T-84 T-85	GU-96 GS-96	X-866 L-866	P-112-12 P-112-16 P-112-22 P-112-24 P-112-28 P-112-34 P-112-40 P-112-48
C-11-F 1L-11-F 2L-11-F 3L-11-F	8P11 9P11 10P11 11P11	P-86 P-87 P-88 P-89	G-76-3 G-76-4 G-76-5 G-76-6	P-112-28 P-112-34 P-112-40 P-112-48	L-96A 1-96A 2-96A 3-96A	T-86 T-87 T-88 T-89	GA-96 GE-96 GC-96 GD-96	O-866 1S-866 2S-866 3S-866 4S-866	P-112-28 P-112-34 P-112-40 P-112-48
A-12-F B-12-F	6P12 7P12	P-94 P-95	G-77-1 G-77-2	P-144-16 P-144-22	S-97A M-97A	T-94 T-95	GU-97 GS-97	X-877 L-877	P-144-16 P-144-22 P-144-24 P-144-28 P-144-34 P-144-40 P-144-48
C-12-F 1L-12-F 2L-12-F 3L-12-F	8P12 9P12 10P12 11P12	P-96 P-97 P-98 P-99	G-77-3 G-77-4 G-77-5 G-77-6	P-144-28 P-144-34 P-144-40 P-144-48	L-97A 1-97A 2-97A 3-97A	T-96 T-97 T-98 T-99	GA-97 GE-97 GF-97 GG-97	O-877 1S-877 2S-877 3S-877	P-144-28 P-144-34 P-144-40 P-144-48
									P-176-12 P-176-16 P-176-20 P-176-22 P-176-24 P-176-28 P-176-32 P-176-34 P-176-40 P-176-48

SOME ITEMS ARE NOT NECESSARILY EXACT DIMENSIONALLY, BUT ARE SUPERIOR IN DESIGN AND APPLICATION.

SLIP FIXED RENEWABLE BUSHINGS Type SF (Old F)									
ABC	ACE (OLD)	ACME (OLD)	BRINEY	ALL AMERICAN AMER. DRILL BUSH. CARR LANE JERGENS-ACME	COL	ECONOMY (OLD)	UNIVERSAL (OLD)	XLO (OLD)	UNITED
AA-040 A-040 BB-040 B-040	1FO SFO 3FO 4FO	RS-020 RS-021 RS-021-X RS-022	OZ1 OZ2 OZ3 OZ4	SF-12-4 SF-12-5 SF-12-6 SF-12-8	AS-0 S-0 AM-0 M-0	E-20 E-21 E-211 E-22	U-0 S-0 A-0 B-0	AX-10 X-10 AL-10 L-10	SF-12-4 SF-12-5 SF-12-6 SF-12-8 SF-12-12
									SF-16-4 SF-16-5 SF-16-6 SF-16-8 SF-16-12
A-040 B-040  C-040 1L-040 2L-040	2F3 4F3  5F3 6F3 7F3	RS-31 RS-32  RS-33 RS-34 RS-35	1Z1 1Z2  1Z3 1Z4 1Z5	SF-20-5 SF-20-8  SF-20-12 SF-20-16 SF-20-22	S-1 M-1  L-1 1-1 2-1	E-31&A E-32&A  E-33&A E-34&A E-35	U-1 S-1  A-1 B-1 C-1	X-11 L-11  O-11 1S-11 2S-11	SF-20-4 SF-20-5 SF-20-8 SF-20-10 SF-20-12 SF-20-16 SF-20-22
									SF-24-4 SF-24-5 SF-24-6 SF-24-8 SF-24-10 SF-24-12 SF-24-16
									SF-28-4 SF-28-5 SF-28-6 SF-28-8 SF-28-10 SF-28-12 SF-28-16
A-41 B-41 C-41 1L-41 2L-41 3L-41 4L-41	2F5 4F5 5F5 6F5 7F5 8F5 9F5	RS-41 RS-42 RS-43 RS-44 RS-45 RS-46 RS-47	2Z1 2Z2 2Z3 2Z4 2Z5 2Z6 2Z7	SF-32-5 SF-32-8 SF-32-12 SF-32-16 SF-32-22 SF-32-28 SF-32-34	S-2 M-2 L-2 1-2 2-2 3-2 4-2	E-41&A E-42&A E-43&A E-44&A E-45&A E-46&A E-47	U-2 S-2 A-2 B-2 D-2 E-2 F-2	X-12 L-12 O-12 1S-12 2S-12 3S-12 4S-12	SF-32-5 SF-32-6 SF-32-8 SF-32-12 SF-32-16 SF-32-22 SF-32-28 SF-32-34
									SF-36-4 SF-36-5 SF-36-6 SF-36-8 SF-36-10 SF-36-12 SF-36-16
									SF-40-6 SF-40-8 SF-40-10 SF-40-12 SF-40-16 SF-40-20
A-42 B-42 C-42  1L-42 2L-42 3L-42 4L-42 5L-42	4F7 5F7 6F7  7F7 8F7 9F7 10F7 11F7	RS-52 RS-53 RS-54  RS-55 RS-56 RS-57 RS-58 RS-59	3Z1 3Z2 3Z3  3Z4 3Z5 3Z6 3Z7 3Z8	SF-48-8 SF-48-12 SF-48-16  SF-48-22 SF-48-28 SF-48-34 SF-48-40 SF-48-48	S-3 M-3 L-3  1-3 2-3 3-3 4-3 5-3	E-52 E-53 E-54  E-55 E-56 E-57 E-58 E-59	U-3 S-3 A-3  B-3 C-3 E-3 F-3 G-3	X-13 L-13 O-13  1S-13 2S-13 3S-13 4S-13 5S-13	SF-48-6 SF-48-8 SF-48-10 SF-48-12 SF-48-16 SF-48-20 SF-48-22 SF-48-28 SF-48-34 SF-48-40 SF-48-48
									SF-56-8 SF-56-10 SF-56-12 SF-56-16 SF-56-20 SF-56-24
AA-43 A-43 B-43 C-43  1L-43 2L-43 3L-43 4L-43	4F9 5F9 6F9 7F9  8F9 9F9 10F9 11F9	RS-62 RS-63 RS-64 RS-65  RS-66 RS-67 RS-68 RS-69	4Z1 4Z2 4Z3  4Z4 4Z5 4Z6 4Z7	SF-64-8 SF-64-12 SF-64-16 SF-64-22  SF-64-28 SF-64-34 SF-64-40 SF-64-48	SS-4 S-4 M-4 L-4  1-4 2-4 3-4 4-4	E-62 E-63 E-64 E-65  E-66 E-67 E-68 E-69	M-4 U-4 S-4 A-4  B-4 E-4 D-4 F-4	B-14 X-14 L-14 O-14  1S-14 2S-14 3S-14 4S-14	SF-64-8 SF-64-12 SF-64-16 SF-64-22 SF-64-24 SF-64-28 SF-64-34 SF-64-40 SF-64-48
A-44 B-44 C-44  1L-44 2L-44 3L-44 4L-44	5F10 6F10 7F10  8F10 9F10 10F10 11F10	RS-73 RS-74 RS-75  RS-76 RS-77 RS-78 RS-79	5Z1 5Z2 5Z3  5Z4 5Z5 5Z6 5Z7	SF-88-12 SF-88-16 SF-88-22  SF-88-28 SF-88-34 SF-88-40 SF-88-48	S-5 M-5 L-5  1-5 2-5 3-5 4-5	E-73 E-74 E-75  E-76 E-77 E-78 E-79	U-5 S-5 A-5  B-5 E-5 F-5 G-5	X-15 L-15 O-15  1S-15 2S-15 3S-15 4S-15	SF-88-12 SF-88-16 SF-88-22 SF-88-24 SF-88-28 SF-88-34 SF-88-40 SF-88-48

SOME ITEMS ARE NOT NECESSARILY EXACT DIMENSIONALLY, BUT ARE SUPERIOR IN DESIGN AND APPLICATION.

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SLIP FIXED RENEWABLE BUSHINGS Type SF (Old F)									
ABC	ACE (OLD)	ACME (OLD)	BRINEY	ALL AMERICAN AMER. DRILL BUSH. CARR LANE JERGENS-ACME	COL	ECONOMY (OLD)	UNIVERSAL (OLD)	XLO (OLD)	UNITED
A-45 B-45	6F11 7F11	RS-84 RS-85	6Z1 6Z2	SF-112-16 SF-112-22	S-6 M-6	E-84 E-85	U-6 S-6	X-16 L-16	SF-112-12 SF-112-16 SF-112-22 SF-112-24 SF-112-28 SF-112-34 SF-112-40 SF-112-48
C-45 1L-45 2L-45 3L-45	8F11 9F11 10F11 11F11	RS-86 RS-87 RS-88 RS-89	6Z3 6Z4 6Z5 6Z6	SF-112-28 SF-112-34 SF-112-40 SF-112-48	L-6 1-6 2-6 3-6	E-86 E-87 E-88 E-89	A-6 E-6 C-6 D-6	O-16 1S-16 2S-16 3S-16	SF-112-12 SF-112-16 SF-112-22 SF-112-24 SF-112-28 SF-112-34 SF-112-40 SF-112-48
A-46 B-46	6F-12 7F-12	RS-94 RS-95	7Z1 7Z2	SF-144-16 SF-144-22	S-7 M-7	E-94 E-95	U-7 S-7	X-17 L-17	SF-144-12 SF-144-16 SF-144-22 SF-144-24 SF-144-28 SF-144-34 SF-144-40 SF-144-48
C-46 1L-46 2L-46 3L-46	8F-12 9F-12 10F-12 11F-12	RS-96 RS-97 RS-98 RS-99	7Z3 7Z4 7Z5 7Z6	SF-144-28 SF-144-34 SF-144-40 SF-144-48	L-7 1-7 2-7 3-7	E-96 E-97 E-98 E-99	A-7 E-7 F-7 G-7	O-17 1S-17 2S-17 3S-17	SF-144-12 SF-144-16 SF-144-22 SF-144-24 SF-144-28 SF-144-34 SF-144-40 SF-144-48

SLIP FIXED RENEWABLE BUSHINGS Type SF (Old S)									
ABC	ACE (OLD)	ACME (OLD)	BRINEY	ALL AMERICAN AMER. DRILL BUSH. CARR LANE JERGENS-ACME	COL	ECONOMY (OLD)	UNIVERSAL (OLD)	XLO (OLD)	UNITED
AA-050 A-050 BB-050 B-050	1SO 2SO 3SO 4SO	R-020 R-021 R-021-X R-022	OK1 OK2 OK3 OK4	SF-12-4 SF-12-5 SF-12-6 SF-12-8	AS-30 S-30 AM-30 M-30	H-20 H-21 H-211 H-22	U-30 S-30 A-30 B-30	AX-20 X-20 AL-20 L-20	SF-12-4 SF-12-5 SF-12-6 SF-12-8 SF-12-12
									SF-16-4 SF-16-5 SF-16-6 SF-16-8 SF-16-10 SF-16-12
A-050 B-050 C-050 1L-050 2L-050	2S3 4S3 5S3 6S3 7S3	R-31 R-32 R-33 R-34 R-35	1K1 1K2 1K3 1K4 1K5	SF-20-5 SF-20-8 SF-20-12 SF-20-16 SF-20-22	S-31 M-31 L-31 1-31 2-31	H-31&A H-32&A H-33&A H-34&A H-35	U-31 S-31 A-31 B-31 C-31	X-21 L-21 O-21 1S-21 2S-21	SF-20-4 SF-20-5 SF-20-6 SF-20-8 SF-20-10 SF-20-12 SF-20-16 SF-20-22
									SF-24-4 SF-24-5 SF-24-6 SF-24-8 SF-24-10 SF-24-12 SF-24-16
									SF-28-4 SF-28-5 SF-28-6 SF-28-8 SF-28-10 SF-28-12 SF-28-16
A-51 B-51 C-51 1L-51 2L-51 3L-51 4L-51	2S5 4S5 5S5 6S5 7S5 8S5 9S5	R-41 R-42 R-43 R-44 R-45 R-46 R-47	2K1 2K2 2K3 2K4 2K5 2K6 2K7	SF-32-5 SF-32-8 SF-32-12 SF-32-16 SF-32-22 SF-32-28 SF-32-34	S-32 M-32 L-32 1-32 2-32 3-32 4-32	H-41&A H-42&A H-43&A H-44&A H-45&A H-46&A H-47	U-32 S-32 A-32 B-32 D-32 E-32 F-32	X-22 L-22 O-22 1S-22 2S-22 3S-22 4S-22	SF-32-5 SF-32-6 SF-32-8 SF-32-12 SF-32-16 SF-32-22 SF-32-24 SF-32-28 SF-32-34
									SF-36-4 SF-36-5 SF-36-6 SF-36-8 SF-36-10 SF-36-12 SF-36-16
									SF-40-6 SF-40-8 SF-40-10 SF-40-12 SF-40-16 SF-40-20

SOME ITEMS ARE NOT NECESSARILY EXACT DIMENSIONALLY, BUT ARE SUPERIOR IN DESIGN AND APPLICATION.

SLIP FIXED RENEWABLE BUSHINGS Type SF (Old S)									
ABC	ACE (OLD)	ACME (OLD)	BRINEY	ALL AMERICAN AMER. DRILL BUSH. CARR LANE JERGENS-ACME	COL	ECONOMY (OLD)	UNIVERSAL (OLD)	XLO (OLD)	<b>UNITED</b>
A-52	4S7	R-52	3K1	SF-48-8	S-33	H-52	U-33	X-23	SF-48-6 SF-48-8 SF-48-10
B-52	5S7	R-53	3K2	SF-48-12	M-33	H-53	S-33	L-23	SF-48-12
C-52	6S7	R-54	3K3	SF-48-16	L-33	H-54	A-33	O-23	SF-48-16 SF-48-20
1L-52	7S7	R-55	3K4	SF-48-22	1-33	H-55	B-33	1S-23	SF-48-22 SF-48-24
2L-52	8S7	R-56	3K5	SF-48-28	2-33	H-56	C-33	2S-23	SF-48-28
3L-52	9S7	R-57	3K6	SF-48-34	3-33	H-57	E-33	3S-23	SF-48-34
4L-52	10S7	R-58	3K7	SF-48-40	4-33	H-58	F-33	4S-23	SF-48-40
5L-52	11S7	R-59	3K8	SF-48-48	5-33	H-59	G-33	5S-23	SF-48-48
									SF-56-8 SF-56-10 SF-56-12 SF-56-16 SF-56-20 SF-56-24
AA-53	4S9	R-62	4KN	SF-64-8	SS-34	H-62	M-34	B-24	SF-64-8
A-53	5S9	R-63	4K1	SF-64-12	S-34	H-63	U-34	X-24	SF-64-12
B-53	6S9	R-64	4K2	SF-64-16	M-34	H-64	S-34	L-24	SF-64-16
C-53	7S9	R-65	4K3	SF-64-22	L-34	H-65	A-34	O-24	SF-64-22 SF-64-24
1L-53	8S9	R-66	4K4	SF-64-28	1-34	H-66	B-34	1S-24	SF-64-28
2L-53	9S9	R-67	4K5	SF-64-34	2-34	H-67	E-34	2S-24	SF-64-34
3L-53	10S9	R-68	4K6	SF-64-40	3-34	H-68	D-34	3S-24	SF-64-40
4L-53	11S9	R-69	4K7	SF-64-48	4-34	H-69	F-34	4S-24	SF-64-48
A-54	5S10	R-73	5K1	SF-88-12	S-35	H-73	U-35	X-25	SF-88-12
B-54	6S10	R-74	5K2	SF-88-16	M-35	H-74	S-35	L-25	SF-88-16
C-54	7S10	R-75	5K3	SF-88-22	L-35	H-75	A-35	O-25	SF-88-22 SF-88-24
1L-54	8S10	R-76	5K4	SF-88-28	1-35	H-76	B-35	1S-25	SF-88-28
2L-54	9S10	R-77	5K5	SF-88-34	2-35	H-77	E-35	2S-25	SF-88-34
3L-54	10S10	R-78	5K6	SF-88-40	3-35	H-78	F-35	3S-25	SF-88-40
4L-54	11S10	R-79	5K7	SF-88-48	4-35	H-79	G-35	4S-25	SF-88-48
A-55	6S11	R-84	6K1	SF-112-16	S-36	H-84	U-36	X-26	SF-112-12 SF-112-16
B-55	7S11	R-85	6K2	SF-112-22	M-36	H-85	S-36	L-26	SF-112-22 SF-112-24
C-55	8S11	R-86	6K3	SF-112-28	L-36	H-86	A-36	O-26	SF-112-28
1L-55	9S11	R-87	6K4	SF-112-34	1-36	H-87	E-36	1S-26	SF-112-34
2L-55	10S11	R-88	6K5	SF-112-40	2-36	H-88	C-36	2S-26	SF-112-40
3L-55	11S11	R-89	6K6	SF-112-48	3-36	H-89	D-36	3S-26	SF-112-48
A-56	6S-12	R-94	7K1	SF-144-16	S-37	H-94	U-37	X-27	SF-144-12 SF-144-16
B-56	7S-12	R-95	7K2	SF-144-22	M-37	H-95	S-37	L-27	SF-144-22 SF-144-24
C-56	8S-12	R-96	7K3	SF-144-28	L-37	H-96	A-37	O-27	SF-144-28
1L-56	9S-12	R-97	7K4	SF-144-34	1-37	H-97	E-37	1S-27	SF-144-34
2L-56	10S-12	R-98	7K5	SF-144-40	2-37	H-98	F-37	2S-27	SF-144-40
3L-56	12S-12	R-99	7K6	SF-144-48	3-37	H-99	G-37	3S-27	SF-144-48

SOME ITEMS ARE NOT NECESSARILY EXACT DIMENSIONALLY, BUT ARE SUPERIOR IN DESIGN AND APPLICATION.

# Bushings Conversions

Industry Conversions

HEAD PRESS FIT BUSHINGS Type H									
ABC	ACE (OLD)	ACME (OLD)	BRINEY	ALL AMERICAN AMER. DRILL BUSH. CARR LANE JERGENS-ACME	COL	ECONOMY (OLD)	UNIVERSAL (OLD)	XLO (OLD)	UNITED
AA-020-F A-020-F BB-020-F C-020-F	1HO 2HO 3HO 4HO	S-010 S-011 S-011-X S-012	G-601-11 G-601-1 G-601-12 G-601-2	H-10-4 H-10-5 H-10-6 H-10-8	AS-68A S-68A AL-68A L-68A	K-00 K-01 K-011 K-02	GM-702 GU-702 GS-702 GA-702	AX-588 X-588 AL-588 O-588	H-10-4 H-10-5 H-10-6 H-10-8 H-10-10
AA-20-F A-20-F BB-20-F C-20-F 1L-20-F	1H1 2H1 3H1 4H1 5H1	S-10 S-11 S-11-X S-12 S-13	G-602-11 G-602-1 G-602-12 G-602-2 G-602-3	H-13-4 H-13-5 H-13-6 H-13-8 H-13-12	AS-69A S-69A AL-69A L-69A 1-69A	K-10 K-11 K-111 K-12 K-13	GM-701 GU-701 GS-701 GA-701 GB-701	AX-599 X-599 AL-599 O-599 1S-599	H-13-4 H-13-5 H-13-6 H-13-8 H-13-12 H-13-16
AA-21-F A-21-F BB-21-F C-21-F  1L-21-F	1H2 2H2 3H2 4H2  5H2	S-20 S-21 S-21-X S-22  S-23	G-603-11 G-603-1 G-603-12 G-603-2  G-603-3	H-16-4 H-16-5 H-16-6 H-16-8  H-16-12	AS-70A S-70A AL-70A L-70A  1-70A	K-20 K-21 K-211 K-22  K-23	GM-700 GU-700 GS-700 GA-700  GB-700	AX-600 X-600 AL-600 O-600  1S-600	H-16-4 H-16-5 H-16-6 H-16-8 H-16-10 H-16-12 H-16-16 H-16-22 H-16-24
AA-22-F A-22-F BB-22-F B-22-F  C-22-F 1L-22-F 2L-22-F	1H3 2H3 3H3 4H3  5H3 6H3 7H3	S-30 S-31 S-31-X S-32  S-33 S-34 S-35	G-61-11 G-61-1 G-61-12 G-61-2  G-61-3 G-61-4 G-61-5	H-20-4 H-20-5 H-20-6 H-20-8  H-20-12 H-20-16 H-20-22	AS-71A S-71A AM-71A M-71A  L-71A 1-71A 2-71A	K-30 K-31 K-311 K-32  K-33 K-34 K-35	GM-71 GU-71 GX-71 GS-71  GA-71 GB-71 GC-71	AX-611 X-611 AL-611 L-611  O-611 1S-611 2S-611	H-20-4 H-20-5 H-20-6 H-20-8 H-20-10 H-20-12 H-20-16 H-20-22 H-20-24
									H-24-4 H-24-5 H-24-6 H-24-8 H-24-10 H-24-12 H-24-16
AA-23-F A-23-F BB-23-F B-23-F  C-23-F 1L-23-F 2L-23-F 3L-23-F 4L-23-F	1H4 2H4 3H4 4H4  5H4 6H4 7H4 8H4 9H4	S-040 S-041 S-041-X S-042  S-043 S-044 S-045 S-046 S-047	G-61A-11 G-61A-1 G-61A-12 G-61A-2  G-61A-3 G-61A-4 G-61A-5 G-61A-6 G-61A-7	H-26-4 H-26-5 H-26-6 H-26-8  H-26-12 H-26-16 H-26-22 H-26-28 H-26-34	AS-710A S-710A AM-710A M-710A  L-710A 1-710A 2-710A 3-710A 4-710A	K-30A K-31A K-311A K-32A  K-33A K-34A K-35A K-36A K-37A	GM-721 GU-721 GX-721 GS-721  GA-721 GB-721 GD-721 GE-721 GF-721	AX-611-A X-611-A AL-611-A L-611-A  O-611-A 1S-611-A 2S-611-A 3S-611-A 4S-611-A	H-26-4 H-26-5 H-26-6 H-26-8 H-26-10 H-26-12 H-26-16 H-26-22 H-26-28 H-26-34
									H-28-4 H-28-5 H-28-6 H-28-8 H-28-10 H-28-12 H-28-16
AA-24-F A-24-F BB-24-F B-24-F C-24-F 1L-24-F 2L-24-F 3L-24-F 4L-24-F	1H5 2H5 3H5 4H5 5H5 6H5 7H5 8H5 9H5	S-40 S-41 S-41-X S-42 S-43 S-44 S-45 S-46 S-47	G-62-N G-62-1 G-62-11 G-62-2 G-62-3 G-62-4 G-62-5 G-62-6 G-62-7	H-32-4 H-32-5 H-32-6 H-32-8 H-32-12 H-32-16 H-32-22 H-32-28 H-32-34	AS-72A S-72A AM-72A M-72A L-72A 1-72A 2-72A 3-72A 4-72A	K-40 K-41 K-411 K-42 K-43 K-44 K-45 K-46 K-47	GM-72 GU-72 GX-72 GS-72 GA-72 GB-72 GD-72 GE-72 GF-72	B-622 X-622 AL-622 L-622 O-622 1S-622 2S-622 3S-622 4S-622	H-32-4 H-32-5 H-32-6 H-32-8 H-32-12 H-32-16 H-32-22 H-32-28 H-32-34
									H-36-4 H-36-5 H-36-6 H-36-8 H-36-12 H-36-16 H-36-22
AA-25-F BA-25-F A-25-F  B-25-F C-25-F 1L-25-F 2L-25-F 3L-25-F 4L-25-F	2H6 3H6 4H6  5H6 6H6 7H6 8H6 9H6 10H6	S-051 S-051-X S-052  S-053 S-054 S-055 S-056 S-057 S-058	G-62A-11 G-62A-12 G-62A-1  G-62A-2 G-62A-3 G-62A-4 G-62A-5 G-62A-6 G-62A-7		AS-720A BS-720A S-720A  M-720A L-720A 1-720A 2-720A 3-720A 4-720A	K-41A K-411A K-42A  K-43A K-44A K-45A K-46A K-47A K-48A	GM-731 GU-731 GX-731  GS-731 GA-731 GB-731 GC-731 GE-731 GF-731	AX-622-A BX-622-A X-622-A  L-62-A O-622-A 1S-622-A 2S-622-A 3S-622-A 4S-622-A	H-40-4 H-40-5 H-40-6 H-40-8 H-40-10 H-40-12 H-40-16 H-40-22 H-40-28 H-40-34 H-40-40

SOME ITEMS ARE NOT NECESSARILY EXACT DIMENSIONALLY, BUT ARE SUPERIOR IN DESIGN AND APPLICATION.

HEAD PRESS FIT BUSHINGS Type H									
ABC	ACE (OLD)	ACME (OLD)	BRINEY	ALL AMERICAN AMER. DRILL BUSH. CARR LANE JERGENS-ACME	COL	ECONOMY (OLD)	UNIVERSAL (OLD)	XLO (OLD)	UNITED
AA-26-F	2H7	S-51-X	G-63-11	H-48-5	AS-73A	K-51	GM-73	B-633	H-48-4 H-48-5 H-48-6 H-48-8 H-48-10 H-48-12 H-48-16 H-48-20 H-48-22 H-48-24 H-48-28 H-48-34 H-48-40
A-26-F	4H7	S-52	G-63-1	H-48-8	S-73A	K-52	GU-73	X-633	
B-26-F	5H7	S-53	G-63-2	H-48-12	M-73A	K-53	GS-73	L-633	
C-26-F	6H7	S-54	G-63-3	H-48-16	L-73A	K-54	GA-73	O-633	
1L-26-F	7H7	S-55	G-63-4	H-48-22	1-73A	K-55	GB-73	1S-633	
2L-26-F	8H7	S-56	G-63-5	H-48-28	2-73A	K-56	GC-73	2S-633	
3L-26-F	9H7	S-57	G-63-6	H-48-34	3-73A	K-57	GE-73	3S-633	
4L-26-F	10H7	S-58	G-63-7	H-48-40	4-73A	K-58	GF-73	4S-633	
AA-27-F	4H8	S-062	G-63A-11	H-56-8	AS-730A	K-52A	GM-741	B-633-A	H-56-8
A-27-F	5H8	S-063	G-63A-1	H-56-12	S-730A	K-53A	GU-741	X-633-A	H-56-12
B-27-F	6H8	S-064	G-63A-2	H-56-16	M-730A	K-54A	GS-741	L-633-A	H-56-16
C-27-F	7H8	S-065	G-63A-3	H-56-22	L-730A	K-55A	GA-741	O-633-A	H-56-20 H-56-22 H-56-24 H-56-28 H-56-34 H-56-40 H-56-48
1L-27-F	8H8	S-066	G-63A-4	H-56-28	1-730A	K-56A	GB-741	1S-633-A	
2L-27-F	9H8	S-067	G-63A-5	H-56-34	2-730A	K-57A	GE-741	2S-633-A	
3L-27-F	10H8	S-068	G-63A-6	H-56-40	3-730A	K-58A	GD-741	3S-633-A	
4L-27-F	11H8	S-069	G-63A-7	H-56-48	4-730A	K-59A	GF-741	4S-633-A	
AA-28-F	4H9	S-62	G-64-11	H-64-8	AS-74A	K-62	GM-74	B-644	H-64-8
A-28-F	5H9	S-63	G-64-1	H-64-12	S-74A	K-63	GU-74	X-644	H-64-12
B-28-F	6H9	S-64	G-64-2	H-64-16	M-74A	K-64	GS-74	L-644	H-64-16
C-28-F	7H9	S-65	G-64-3	H-64-22	L-74A	K-65	GA-74	O-644	H-64-22 H-64-24 H-64-28 H-64-34 H-64-40 H-64-48
1L-28-F	8H9	S-66	G-64-4	H-64-28	1-74A	K-66	GB-74	1S-644	
2L-28-F	9H9	S-67	G-64-5	H-64-34	2-74A	K-67	GE-74	2S-644	
3L-28-F	10H9	S-68	G-64-6	H-64-40	3-74A	K-68	GD-74	3S-644	
4L-28-F	11H9	S-69	G-64-7	H-64-48	4-74A	K-69	GF-74	4S-644	
									H-80-10 H-80-12 H-80-16 H-80-20 H-80-24 H-80-28 H-80-32
A-29-F	5H10	S-73	G-65-1	H-88-12	S-75A	K-73	GU-75	X-655	H-88-12
B-29-F	6H10	S-74	G-65-2	H-88-16	M-75A	K-74	GS-75	L-655	H-88-16
C-29-F	7H10	S-75	G-65-3	H-88-22	L-75A	K-75	GA-75	O-655	H-88-22
1L-29-F	8H10	S-76	G-65-4	H-88-28	1-75A	K-76	GB-75	1S-655	H-88-28
2L-29-F	9H10	S-77	G-65-5	H-88-34	2-75A	K-77	GE-75	2S-655	H-88-34
3L-29-F	10H10	S-78	G-65-6	H-88-40	3-75A	K-78	GF-75	3S-655	H-88-40
4L-29-F	11H10	S-79	G-65-7	H-88-48	4-75A	K-79	GG-75	4S-655	H-88-48
A-30-F	6H11	S-84	G-66-1	H-112-16	S-76A	K-84	GU-76	X-666	H-112-12 H-112-16 H-112-22 H-112-24 H-112-28 H-112-34 H-112-40 H-112-48
B-30-F	7H11	S-85	G-66-2	H-112-22	M-76A	K-85	GS-76	L-666	
C-30-F	8H11	S-86	G-66-3	H-112-28	L-76A	K-86	GA-76	O-666	
1L-30-F	9H11	S-87	G-66-4	H-112-34	1-76A	K-87	GE-76	1S-666	
2L-30-F	10H11	S-88	G-66-5	H-112-40	2-76A	K-88	GC-76	2S-666	
3L-30-F	11H11	S-89	G-66-6	H-112-48	3-76A	K-89	GD-76	3S-666	
A-31-F	6H12	S-94	G-67-1	H-144-16	S-77A	K-94	GU-77	X-677	H-144-16
B-31-F	7H12	S-95	G-67-2	H-144-22	M-77A	K-95	GS-77	L-677	H-144-22 H-144-24 H-144-28 H-144-34 H-144-40 H-144-48
C-31-F	8H12	S-96	G-67-3	H-144-28	L-77A	K-96	GA-77	O-677	
1L-31-F	9H12	S-97	G-67-4	H-144-34	1-77A	K-97	GE-77	1S-677	
2L-31-F	10H12	S-98	G-67-5	H-144-40	2-77A	K-98	GF-77	2S-677	
3L-31-F	11H12	S-99	G-67-6	H-144-48	3-77A	K-99	GG-77	3S-677	

SOME ITEMS ARE NOT NECESSARILY EXACT DIMENSIONALLY, BUT ARE SUPERIOR IN DESIGN AND APPLICATION.



# Bushings Conversions

Industry Conversions

HEAD LINERS, PRESS FIT Type HL									
ABC	ACE (OLD)	ACME (OLD)	BRINEY	ALL AMERICAN AMER. DRILL BUSH. CARR LANE JERGENS-ACME	COL	ECONOMY (OLD)	UNIVERSAL (OLD)	XLO (OLD)	UNITED
A-70-F	2HL5	SL-31	G21Z1	HL-32-5	S-41A	SM-31	GU-551	X-4811	HL-32-5 HL-32-6
B-70-F	4HL5	SL-32	G21Z2	HL-32-8	M-41A	SM-32	GS-551	L-4811	HL-32-8
C-70-F	5HL5	SL-33	G21Z3	HL-32-12	L-41A	SM-33	GA-551	O-4811	HL-32-12
1L-70-F	6HL5	SL-34	G21Z4	HL-32-16	1-41A	SM-34	GB-551	1S-4811	HL-32-16
2L-70-F	7HL5	SL-35	G21Z5	HL-32-22	2-41A	SM-35	GC-551	2S-4811	HL-32-22
A-71-F	2HL7	SL-41	G22Z1	HL-48-5	S-42A	SM-41	GU-552	X-4822	HL-48-5 HL-48-6
B-71-F	4HL7	SL-42	G22Z2	HL-48-8	M-42A	SM-42	GS-552	L-4822	HL-48-8
C-71-F	5HL7	SL-43	G22Z3	HL-48-12	L-42A	SM-43	GA-552	O-4822	HL-48-12
1L-71-F	6HL7	SL-44	G22Z4	HL-48-16	1-42A	SM-44	GB-552	1S-4822	HL-48-16
2L-71-F	7HL7	SL-45	G22Z5	HL-48-22	2-42A	SM-45	GD-552	2S-4822	HL-48-22
3L-71-F	8HL7	SL-46	G22Z6	HL-48-28	3-42A	SM-46	GE-552	3S-4822	HL-48-28
4L-71-F	9HL7	SL-47	G22Z7	HL-48-34	4-42A	SM-47	GF-552	4S-4822	HL-48-34
A-72-F	4HL9	SL-52	G23Z1	HL-64-8	S-43A	SM-52	GU-553	X-4833	HL-64-8
B-72-F	5HL9	SL-53	G23Z2	HL-64-12	M-43A	SM-53	GS-553	L-4833	HL-64-12
C-72-F	6HL9	SL-54	G23Z3	HL-64-16	L-43A	SM-54	GA-553	O-4833	HL-64-16
1L-72-F	7HL9	SL-55	G23Z4	HL-64-22	1-43A	SM-55	GB-553	1S-4833	HL-64-22
2L-72-F	8HL9	SL-56	G23Z5	HL-64-28	2-43A	SM-56	GC-553	2S-4833	HL-64-28
3L-72-F	9HL9	SL-57	G23Z6	HL-64-34	3-43A	SM-57	GE-553	3S-4833	HL-64-34
4L-72-F	10HL9	SL-58	G23Z7	HL-64-40	4-43A	SM-58	GF-553	4S-4833	HL-64-40
5L-72-F	11HL9	SL-59	G23Z8	HL-64-48	5-43A	SM-59	GG-553	5S-4833	HL-64-48
AA-73-F	4HL10	SL-62	G24ZN	HL-88-8	SS-44A	SM-62	GM-554	B-4844	HL-88-8
A-73-F	5HL10	SL-63	G24Z1	HL-88-12	S-44A	SM-63	GU-554	X-4844	HL-88-12
B-73-F	6HL10	SL-64	G24Z2	HL-88-16	M-44A	SM-64	GS-554	L-4844	HL-88-16
C-73-F	7HL10	SL-65	G24Z3	HL-88-22	L-44A	SM-65	GA-554	O-4844	HL-88-22
1L-73-F	8HL10	SL-66	G24Z4	HL-88-28	1-44A	SM-66	GB-554	1S-4844	HL-88-28
2L-73-F	9HL10	SL-67	G24Z5	HL-88-34	2-44A	SM-67	GE-554	2S-4844	HL-88-34
3L-73-F	10HL10	SL-68	G24Z6	HL-88-40	3-44A	SM-68	GD-554	3S-4844	HL-88-40
4L-73-F	11HL10	SL-69	G24Z7	HL-88-48	4-44A	SM-69	GF-554	4S-4844	HL-88-48
A-74-F	5HL11	SL-73	G25Z1	HL-112-12	S-45A	SM-73	GU-555	X-4855	HL-112-12
B-74-F	6HL11	SL-74	G25Z2	HL-112-16	M-45A	SM-74	GS-555	L-4855	HL-112-16
C-74-F	7HL11	SL-75	G25Z3	HL-112-22	L-45A	SM-75	GA-555	O-4855	HL-112-22
1L-74-F	8HL11	SL-76	G25Z4	HL-112-28	1-45A	SM-76	GB-555	1S-4855	HL-112-28
2L-74-F	9HL11	SL-77	G25Z5	HL-112-34	2-45A	SM-77	GE-555	2S-4855	HL-112-34
3L-74-F	10HL11	SL-78	G25Z6	HL-112-40	3-45A	SM-78	GF-555	3S-4855	HL-112-40
4L-74-F	11HL11	SL-79	G25Z7	HL-112-48	4-45A	SM-79	GG-555	4S-4855	HL-112-48
A-75-F	6HL12	SL-84	G26Z1	HL-144-16	S-46A	SM-84	GU-556	X-4866	HL-144-16
B-75-F	7HL12	SL-85	G26Z2	HL-144-22	M-46A	SM-85	GS-556	L-4866	HL-144-22
C-75-F	8HL12	SL-86	G26Z3	HL-144-28	L-46A	SM-86	GA-556	O-4866	HL-144-28
1L-75-F	9HL12	SL-87	G26Z4	HL-144-34	1-46A	SM-87	GE-556	1S-4866	HL-144-34
2L-75-F	10HL12	SL-88	G26Z5	HL-144-40	2-46A	SM-88	GC-556	2S-4866	HL-144-40
3L-75-F	11HL12	SL-89	G26Z6	HL-144-48	3-46A	SM-89	GD-556	3S-4866	HL-144-48
A-76-F	6HL13	SL-94	G27Z1	HL-176-16	S-47A	SM-94	GU-557	X-4877	HL-176-12 HL-176-16
B-76-F	7HL13	SL-95	G27Z2	HL-176-22	M-47A	SM-95	GS-557	L-4877	HL-176-22
C-76-F	8HL13	SL-96	G27Z3	HL-176-28	L-47A	SM-96	GA-557	O-4877	HL-176-28
1L-76-F	9HL13	SL-97	G27Z4	HL-176-34	1-47A	SM-97	GE-557	1S-4877	HL-176-34
2L-76-F	10HL13	SL-98	G27Z5	HL-176-40	2-47A	SM-98	GF-557	2S-4877	HL-176-40
3L-76-F	11HL13	SL-99	G27Z6	HL-176-48	3-47A	SM-99	GG-557	3S-4877	HL-176-48

SOME ITEMS ARE NOT NECESSARILY EXACT DIMENSIONALLY, BUT ARE SUPERIOR IN DESIGN AND APPLICATION.

HEADLESS LINERS, PRESS FIT Type L									
ABC	ACE (OLD)	ACME (OLD)	BRINEY	ALL AMERICAN AMER. DRILL BUSH. CARR LANE JERGENS-ACME	COL	ECONOMY (OLD)	UNIVERSAL (OLD)	XLO (OLD)	<b>UNITED</b>
AA-060-F A-060-F BB-050-F C-040-F	1L3 2L3 3L3 4L3	L-110 L-111 L-111-X L-112	G20X1 G20X2 G20X3 G20X4	L-20-4 L-20-5 L-20-6 L-20-8	AS-50A S-50A AM-50A M-50A	M-20 M-21 M-211 M-22	GU-50 GS-50 GA-50 GB-50	AX-400 X-400 AL-400 L-400	L-20-4 L-20-5 L-20-6 L-20-8 L-20-10 L-20-12
									L-28-4 L-28-6 L-28-8 L-28-10 L-28-12
A-060-F B-060-F C-060-F 1L-060-F 2L-060-F	2L5 4L5 5L5 6L5 7L5	L-31 L-32 L-33 L-34 L-35	G21X1 G21X2 G21X3 G21X4 G21X5	L-32-5 L-32-8 L-32-12 L-32-16 L-32-22	S-51A M-51A L-51A 1-51A 2-51A	M-31 M-32 M-33 M-34 M-35	GU-51 GS-51 GA-51 GB-51 GC-51	X-411 L-411 O-411 1S-411 2S-411	L-32-4 L-32-5 L-32-6 L-32-8 L-32-10 L-32-12 L-32-16 L-32-22
									L-36-4 L-36-5 L-36-6 L-36-8 L-36-10 L-36-12 L-36-16
									L-40-4 3/8 L-40-5 3/8 L-40-6 3/8 L-40-8 3/8 L-40-10 3/8 L-40-12 3/8 L-40-16 3/8
									L-40-4 7/16 L-40-5 7/16 L-40-6 7/16 L-40-8 7/16 L-40-10 7/16 L-40-12 7/16 L-40-16 7/16
A-61-F B-61-F C-61-F 1L-61-F 2L-61-F 3L-61-F 4L-61-F	2L7 4L7 5L7 6L7 7L7 8L7 9L7	L-41 L-42 L-43 L-44 L-45 L-46 L-47	G22X1 G22X2 G22X3 G22X4 G22X5 G22X6 G22X7	L-48-5 L-48-8 L-48-12 L-48-16 L-48-22 L-48-28 L-48-34	S-52A M-52A L-52A 1-52A 2-52A 3-52A 4-52A	M-41 M-42 M-43 M-44 M-45 M-46 M-47	GU-52 GS-52 GA-52 GB-52 GD-52 GE-52 GF-52	X-422 L-422 O-422 1S-422 2S-422 3S-422 4S-422	L-48-5 L-48-6 L-48-8 L-48-12 L-48-16 L-48-22 L-48-28 L-48-34
									L-56-5 9/16 L-56-6 9/16 L-56-8 9/16 L-56-10 9/16 L-56-12 9/16 L-56-16 9/16 L-56-20 9/16
									L-56-5 5/8 L-56-6 5/8 L-56-8 5/8 L-56-10 5/8 L-56-12 5/8 L-56-16 5/8 L-56-20 5/8

SOME ITEMS ARE NOT NECESSARILY EXACT DIMENSIONALLY, BUT ARE SUPERIOR IN DESIGN AND APPLICATION.

# Bushings Conversions

Industry Conversions

HEADLESS LINERS, PRESS FIT Type L									
ABC	ACE (OLD)	ACME (OLD)	BRINEY	ALL AMERICAN AMER. DRILL BUSH. CARR LANE JERGENS-ACME	COL	ECONOMY (OLD)	UNIVERSAL (OLD)	XLO (OLD)	UNITED
A-62-F B-62-F C-62-F 1L-62-F 2L-62-F 3L-62-F 4L-62-F 5L-62-F	4L9 5L9 6L9 7L9 8L9 9L9 10L9 11L9	L-52 L-53 L-54 L-55 L-56 L-57 L-58 L-59	G23X1 G23X2 G23X3 G23X4 G23X5 G23X6 G23X7 G23X8	L-64-8 L-64-12 L-64-16 L-64-22 L-64-28 L-64-34 L-64-40 L-64-48	S-53A M-53A L-53A 1-53A 2-53A 3-53A 4-53A 5-53A	M-52 M-53 M-54 M-55 M-56 M-57 M-58 M-59	GU-53 GS-53 GA-53 GB-53 GC-53 GE-53 GF-53 GG-53	X-433 L-433 O-433 1S-433 2S-433 3S-433 4S-433 5S-433	L-64-8 L-64-12 L-64-16 L-64-22 L-64-28 L-64-34 L-64-40 L-64-48
									L-80-8 L-80-10 L-80-12 L-80-16 L-80-20 L-80-24
AA-63-F A-63-F B-63-F C-63-F 1L-63-F 2L-63-F 3L-63-F 4L-63-F	4L10 5L10 6L10 7L10 8L10 9L10 10L10 11L10	L-62 L-63 L-64 L-65 L-66 L-67 L-68 L-69	G24XN G24X1 G24X2 G24X3 G24X4 G24X5 G24X6 G24X7	L-88-8 L-88-12 L-88-16 L-88-22 L-88-28 L-88-34 L-88-40 L-88-48	S-54A M-54A L-54A 1-54A 2-54A 3-54A 4-54A	M-62 M-63 M-64 M-65 M-66 M-67 M-68 M-69	GM-54 GU-54 GS-54 GA-54 GB-54 GE-54 GD-54 GF-54	B-444 X-444 L-444 O-444 1S-444 2S-444 3S-444 4S-444	L-88-8 L-88-12 L-88-16 L-88-22 L-88-28 L-88-34 L-88-40 L-88-48
									L-104-12 L-104-16 L-104-22 L-104-28 L-104-34 L-104-40 L-104-48
A-64-F B-64-F C-64-F 1L-64-F 2L-64-F 3L-64-F 4L-64-F	5L11 6L11 7L11 8L11 9L11 10L11 11L11	L-73 L-74 L-75 L-76 L-77 L-78 L-79	G25X1 G25X2 G25X3 G25X4 G25X5 G25X6 G25X7	L-112-12 L-112-16 L-112-22 L-112-28 L-112-34 L-112-40 L-112-48	S-55A M-55A L-55A 1-55A 2-55A 3-55A 4-55A	M-73 M-74 M-75 M-76 M-77 M-78 M-79	GU-55 GS-55 GA-55 GB-55 GE-55 GF-55 GG-55	X-455 L-455 O-455 1S-455 2S-455 3S-455 4S-455	L-112-12 L-112-16 L-112-22 L-112-28 L-112-34 L-112-40 L-112-48
									L-120-12 L-120-16 L-120-22 L-120-28 L-120-34 L-120-40 L-120-48
A-65-F B-65-F  C-65-F 1L-65-F 2L-65-F 3L-65-F	6L12 7L12  8L12 9L12 10L12 11L12	L-84 L-85  L-86 L-87 L-88 L-89	G26X1 G26X2  G26X3 G26X4 G26X5 G26X6	L-144-16 L-144-22  L-144-28 L-144-34 L-144-40 L-144-48	S-56A M-56A  L-56A 1-56A 2-56A 3-56A	M-84 M-85  M-86 M-87 M-88 M-89	GU-56 GS-56  GA-56 GE-56 GC-56 GD-56	X-466 L-466  O-466 1S-466 2S-466 3S-466	L-144-12 L-144-16 L-144-22 L-144-24 L-144-28 L-144-34 L-144-40 L-144-48
A-66-F B-66-F  C-66-F 1L-66-F 2L-66-F 3L-66-F	6L13 7L13  8L13 9L13 10L13 11L13	L-94 L-95  L-96 L-97 L-98 L-99	G27X1 G27X2  G27X3 G27X4 G27X5 G27X6	L-176-16 L-176-22  L-176-28 L-176-34 L-176-40 L-176-48	S-57A M-57A  L-57A 1-57A 2-57A 3-57A	M-94 M-95  M-96 M-97 M-98 M-99	GU-57 GS-57  GA-57 GE-57 GF-57 GG-57	X-477 L-477  O-477 1S-477 2S-477 3S-477	L-176-12 L-176-16 L-176-22 L-176-24 L-176-28 L-176-34 L-176-40 L-176-48

SOME ITEMS ARE NOT NECESSARILY EXACT DIMENSIONALLY, BUT ARE SUPERIOR IN DESIGN AND APPLICATION.

*Industry Conversions*

45 Years  
Quality  
Service



**United California Corporation**  
**United Drill Bushing Corporation**  
**United Screw Products Company**

***Part 2***  
***Other Products***  
***Industry Conversions***

***Easy Look-Up***  
***from other Part***  
***Numbers to UNITED***  
***Part Numbers!***

SOME ITEMS ARE NOT NECESSARILY EXACT DIMENSIONALLY, BUT ARE SUPERIOR IN DESIGN AND APPLICATION.

***UNITED—For the Best in Bushings!***