

SPECIAL THREADED INSERTS



Quality Sistem Certified Company UNI EN ISO 9001:2015 Reg.3023-A

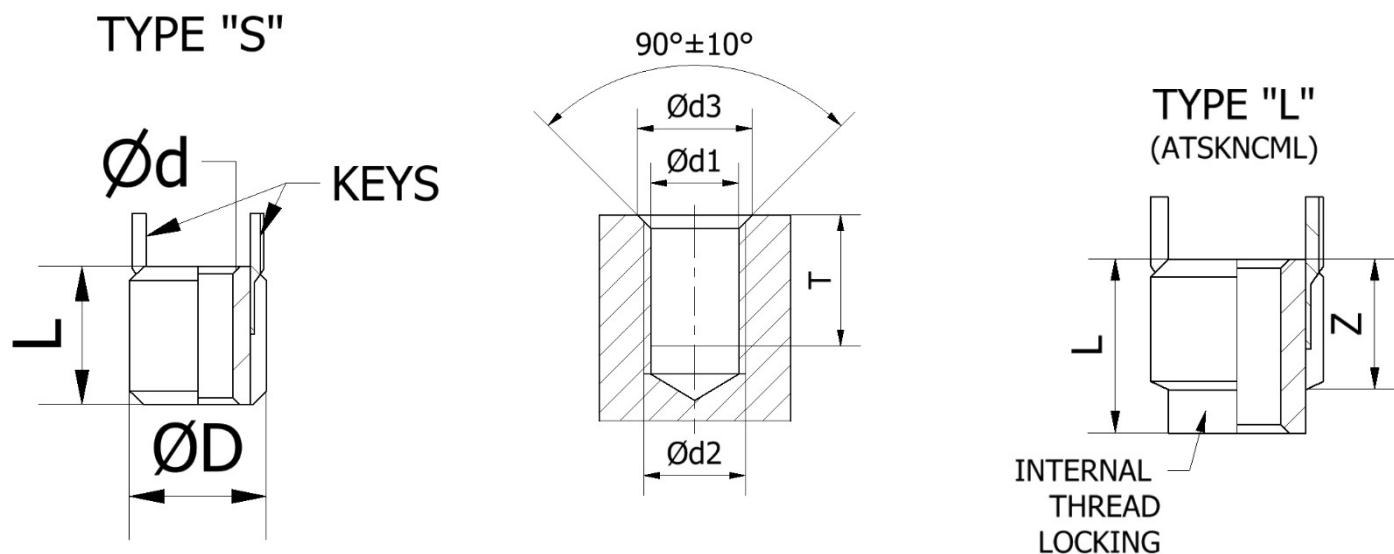


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THREADED INSERTS WITH LOCKING KEYS

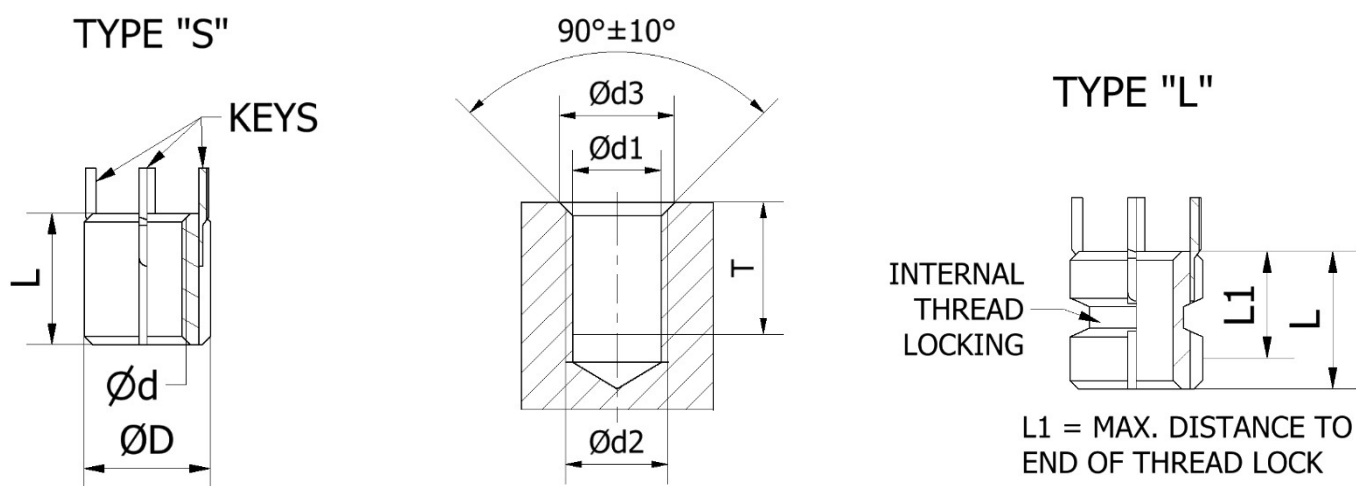
ATSKNCM Series Threaded Inserts



Code		Dimensions					Installation					Removal	
Standard	Locking	Internal Ød 5H/4H5H	External ØD	Anchor mm2	L ±0,25	Z	d1 Pre-drilling Tapping	d3 Countersunk	Thread		Code Laying Tool	Tip	
									Ø d2 6H	T Min.		Ø	Depth
ATSKNCM2X0,4		M2X0,4	M4X0,7	16,5	3	3,4	+0,080	4,1	M4X0,7	4,0	ATSTKNCM2X0,40	2,8	2,00
	ATSKNCML2X0,4			10,3			-0,025						
ATSKNCM2,5X0,45		M2,5X0,45	M4,5X0,75	26,5	3,8	3,9	+0,080	4,6	M4,5X0,75	5,0	ATSTKNCM2,5X0,45	3,0	2,00
	ATSKNCML2,5X0,45			15,9			-0,025						
ATSKNCM3X0,5		M3X0,5	M5X0,8	33,1	4,25	4,4	+0,080	5,1	M5X0,8	5,5	ATSTKNCM3X0,50	3,5	2,25
	ATSKNCML3X0,5			21,4			-0,025						
ATSKNCM4X0,7		M4X0,7	M6X0,75	58,4	5,25	5,5	+0,080	6,1	M6X0,75	6,5	ATSTKNCM4X0,70	4,6	2,50
	ATSKNCML4X0,7			42,9			-0,025						

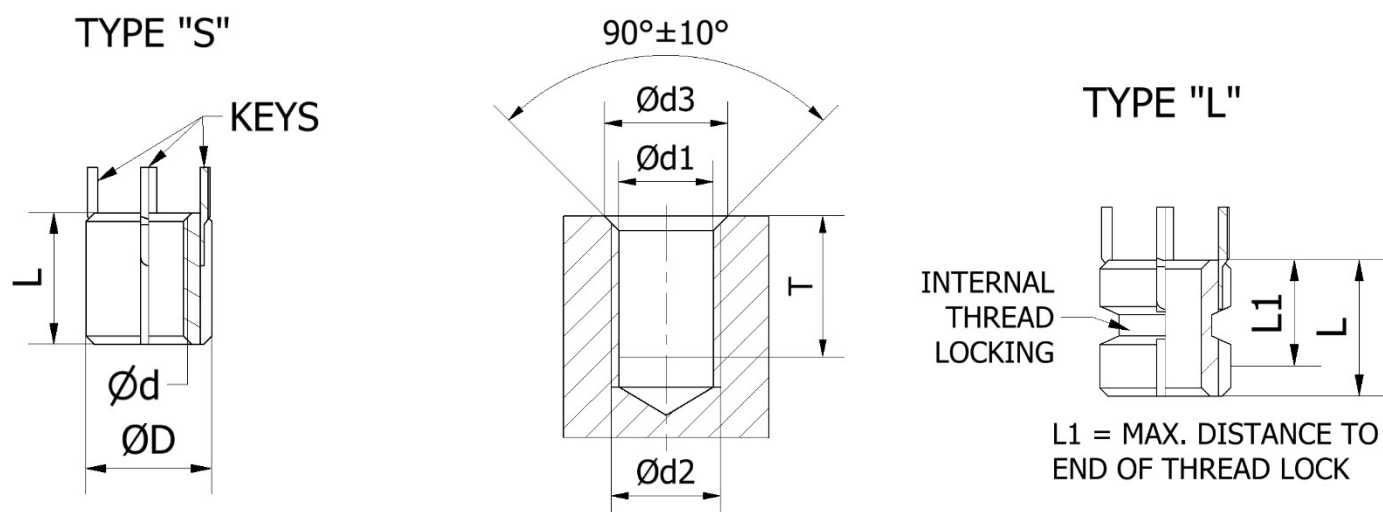


ATSKNM Series Threaded Inserts



Code		Dimensions					Installation					Removal	
Standard	Locking	Internal Ød 5H/4H5H	External ØD	Anchor mm2	L ±0,30	L1	d1 Pre- drilling Tapping	d3 Countersunk	Thread		Code Laying Tool	Tip	
									Ø d2 6H	T Min.		Ø	Depth
ATSKNM5X0,8		M5X0,8	M8X1,25	104,9	8	6,90	+0,100	8,25	M8x1,25	9,5	ATSTM-5	5,5	4,00
	ATSKNML5X0,8			83,1									
ATSKNM5X0,5		M5X0,5	M8X1,25	104,9	8	6,90	+0,100	8,25	M8x1,25	9,5	ATSTM-5	5,5	4,00
	ATSKNML5X0,5			83,1									
ATSKNM6X1		M6X1,0	M10X1,25	177,7	10	8,8	+0,100	10,25	M10x1,25	11,5	ATSTM-6	7,5	4,75
	ATSKNML6X1			152,7									
ATSKNM6X0,75		M6X0,75	M10X1,25	177,7	10	8,8	+0,100	10,25	M10x1,25	11,5	ATSTM-6	7,5	4,75
	ATSKNML6X0,75			152,7									
ATSKNM8X1,25		M8X1,25	M12X1,25	266,7	12	10,8	+0,100	12,25	M12x1,25	13,5	ATSTM-8	9,5	4,75
	ATSKNML8X1,25			242,7									
ATSKNM8X1		M8X1	M12X1,25	266,7	12	10,8	+0,100	12,25	M12x1,25	13,5	ATSTM-8	9,5	4,75
	ATSKNML8X1			242,7									
ATSKNM10X1,5		M10X1,5	M14X1,5	341,6	14	12,8	+0,130	14,25	M14x1,5	15,5	ATSTM-10	11,5	4,75
	ATSKNML10X1,5			316,4									
ATSKNM10X1,25		M10X1,25	M14X1,5	341,6	14	12,8	+0,130	14,25	M14x1,5	15,5	ATSTM-10	11,5	4,75
	ATSKNML10X1,25			316,4									
ATSKNM12X1,75		M12X1,75	M16X1,5	470,2	16	14,75	+0,130	16,25	M16x1,5	17,5	ATSTM-12	13,5	4,75
	ATSKNML12X1,75			441,4									
ATSKNM12X1,25		M12X1,25	M16X1,5	470,2	16	14,75	+0,130	16,25	M16x1,5	17,5	ATSTM-12	13,5	4,75
	ATSKNML12X1,25			441,4									

ATSKNHM Series Threaded Inserts

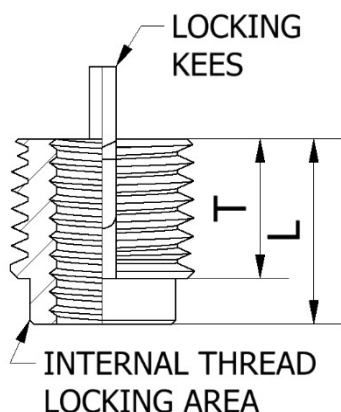


Code		Dimensions					Installation					Removal	
Standard	Locking	Internal Ød 5H/4H5H	External ØD	Anchor mm2	L ±0,30	L1	d1 Pre- drilling Tapping	d3 Countersunk	Thread Ø d2 6H	T Min.	Code Laying Tool	Tip	
ATSKNHM4X0,7		M4X0,7	M8X1,25	104,9	8	6,9	+0,100	8,25	M8X1,25	9,5	ATSTHM-4	5,5	4,00
	ATSKNHML4X0,7			83,1			-0,025						
ATSKNHM5X0,8		M5X0,8	M10X1,25	177,1	10	8,8	+0,100	10,25	M10X1,25	11,5	ATSTHM-5	7,5	4,75
	ATSKNHML5X0,8			152,7			-0,025						
ATSKNHM6X1,0		M6X1,0	M12X1,25	266,7	12	10,8	+0,100	12,25	M12X1,25	13,5	ATSTHM-6	9,5	4,75
	ATSKNHML6X1,0			242,5			-0,025						
ATSKNHM8X1,25		M8X1,25	M14X1,5	341,6	14	12,8	+0,130	14,25	M14X1,5	15,5	ATSTHM-8	11,5	4,75
	ATSKNHML8X1,25			316,4			-0,025						
ATSKNHM8X1,0		M8X1,0	M14X1,5	341,6	14	12,8	+0,130	14,25	M14X1,5	15,5	ATSTHM-8	11,5	4,75
	ATSKNHML8X1,0			316,4			-0,025						
ATSKNHM10X1,5		M10X1,5	M16X1,5	470,2	16	14,8	+0,130	16,25	M16X1,5	17,5	ATSTHM-10	13,5	4,75
	ATSKNHML10X1,5			441,4			-0,025						
ATSKNHM10X1,25		M10X1,25	M16X1,5	470,2	16	14,8	+0,130	16,25	M16X1,5	17,5	ATSTHM-10	13,5	4,75
	ATSKNHML10X1,25			441,4			-0,025						
ATSKNHM12X1,75		M12X1,75	M18X1,5	608,5	18	16,8	+0,130	18,25	M18X1,5	19,5	ATSTHM-12	15,5	4,75
	ATSKNHML12X1,75			561,8			-0,025						
ATSKNHM12X1,25		M12X1,25	M18X1,5	608,5	18	16,8	+0,130	18,25	M18X1,5	19,5	ATSTHM-12	15,5	4,75
	ATSKNHML12X1,25			561,8			-0,025						

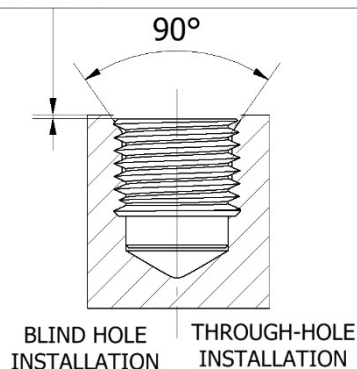
ATSKNHM14X2,0		M14X2,0	M20X1,5	770,5	20	18,75	+0,130	20,25	M20X1,5	22,5	ATSTHM-14	17,50	4,75	
	ATSKNHML14X2,0			724,4			-0,025							
ATSKNHM14X1,5		M14X1,5	M20X1,5	770,5	20	18,75	+0,130	20,25	M20X1,5	22,5	ATSTHM-14	17,50	4,75	
	ATSKNHML14X1,5			724,4			-0,025							
ATSKNHM16X2,0		M16X2,0	M22X1,5	896,8	22	20,50	+0,130	22,25	M22X1,5	24,5	ATSTHM-16	17,75	4,75	
	ATSKNHML16X2,0			855,2			-0,025							
ATSKNHM16X1,5		M16X1,5	M22X1,5	896,8	22	20,50	+0,130	22,25	M22X1,5	24,5	ATSTHM-16	17,75	4,75	
	ATSKNHML16X1,5			855,2			-0,025							
ATSKNHM18X1,5		M18X1,5	M24X1,5	1084,4	24	22,50	+0,130	24,25	M24X1,5	26,5	ATSTHM-18	19,75	4,75	
	ATSKNHML18X1,5			1051,5			-0,025							
ATSKNHM20X2,5		M20X2,5	M30X2,0	1774,3	30	28,00	+0,130	30,25	M30X2,0	34,5	ATSTHM-20	25,75	6,35	
	ATSKNHML20X2,5			1736,4			-0,025							
ATSKNHM20X1,5		M20X1,5	M30X2,0	1774,3	30	28,00	+0,130	30,25	M30X2,0	34,5	ATSTHM-20	25,75	6,35	
	ATSKNHML20X1,5			1736,4			-0,025							
ATSKNHM22X1,5		M22X1,5	M32X2,0	2045,9	32	30,00	+0,130	32,25	M32X2,0	36,5	ATSTHM-22	27,75	6,35	
	ATSKNHML22X1,5			2014,7			-0,025							
ATSKNHM24X3,0		M24X3,0	M33X2,0	2189,4	33	31,00	+0,130	33,25	M33X2,0	37,5	ATSTHM-24	28,75	6,35	
	ATSKNHML24X3,0			2161,9			-0,025							
ATSKNHM24X2,0		M24X2,0	M33X2,0	2189,4	33	31,00	+0,130	33,25	M33X2,0	37,5	ATSTHM-24	28,75	6,35	
	ATSKNHML24X2,0			2161,9			-0,025							



ATSKNC Series Threaded Inserts

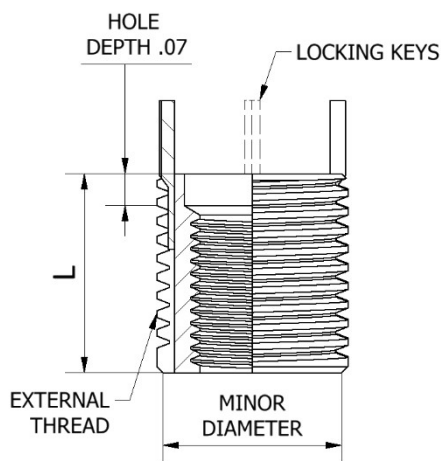


INSTALL INSERT .005 TO .015
UNDER THE SURFACE - GUIDE OF THE
LOCKING KEES

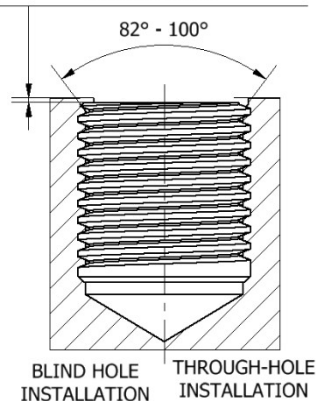


Code		Dimensions					Installation					Removal		
Standard	Locking	Ø Internal Thread	Ø External Thread	Anchor	L	T	Ø Pre-drilling Tapping	Ø Countersunk +.010/-.000	Thread		Code Laying Tool	Tip		
									UNF-2B Misure	Min. Depth.		Ø	Depth	
ATSKNC0080J		0-80 UNJF-3B	6-40 UNF-3A	.0132	.10	.085	.120	+.003 -.001	.140	6-40	.130	ATSTKNC008	#38 (.101)	1/16
ATSKNCC0256J	ATSKNCCL0256J	2-56 UNJC-3B	6-40 UNF-3A	.0132	.10	.085	.120	+.003 -.001	.140	6-40	.130	ATSTKNCCL02	#38 (.101)	1/16
ATSKNCA0256J	ATSKNCAL0256J	2-56 UNJC-3B	8-32 UNF-3A	.0157	.12	.090	.134	+.003 -.001	.166	8-32 UNC-2B	.140	ATSTKNC02	#33 (.113)	1/16
ATSKNCA0440J	ATSKNCAL0440J	4-40 UNJC-3B	10-32 UNF-2A	.0302	.17	.125	.161	+.003 -.001	.194	10-32	.160	ATSTKNC04	#29 (.136)	3/32
ATSKNC0632J	ATSKNCL0632J	6-32 UNJC-3B	12-28 UNF-2A	.0329	.17	.125	.187	+.003 -.001	.220	12-28	.160	ATSTKNC06	#21 (.159)	3/32
ATSKNCA0832J	ATSKNCAL0832J	8-32 UNJC-3B	**1/4-28 UNF-2A	.0669	.22	.175	.228	+.003 -.001	.255	1/4-28	.210	ATSTKNC08	#8 (.199)	1/8

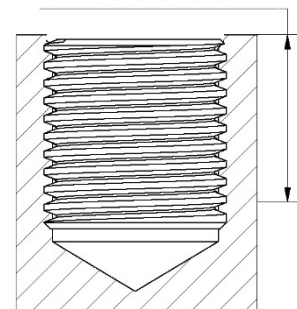
ATSKN Series Threaded Inserts



INSTALL INSERT .010 TO .030
UNDER THE SURFACE - GUIDE THE
LOCKING KEES



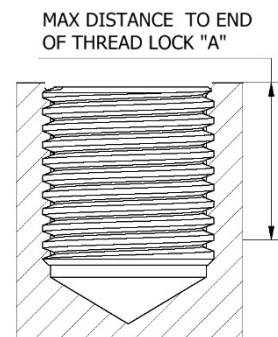
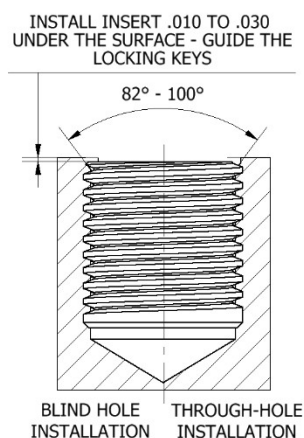
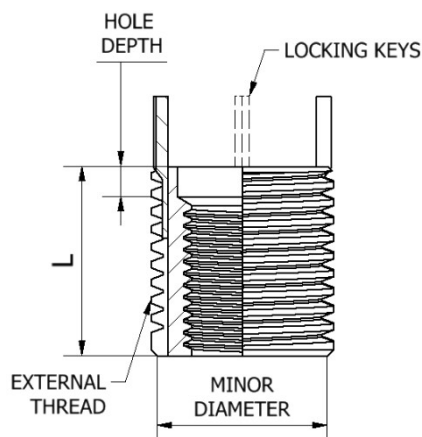
MAX DISTANCE TO END
OF THREAD LOCK "A"



Code		Dimensions					Installation					Removal	
Standard	Locking	Ø Internal Thread 3B	Ø External Thread 2A	Anchor	L	T	Ø Pre-drilling Tapping	Ø Countersunk +,010/-,000	Thread		Code Laying Tool	Tip	
									UNF-2B Misure	Min. Depth.		Ø	Depth
ATSKN1024J		10-24	5/16-18	.1517			.272	.323	5/16-18	.37	ATSTD1024L	7/32	5/32
	ATSKNL1024J			.0945	.31								
ATSKN1032J		10-32		.1517		ATSTD10320L							
	ATSKNL1032J			.0945	.31								
ATSKN420J		1/4-20	3/8-16	.2371			.332	.385	3/8-16	.43	ATSTD420L	9/32	3/16
	ATSKNL420J			.1726	.36								
ATSKN428J		1/4-28		.2371		ATSTD428L							
	ATSKNL428J			.1726	.33								
ATSKN518J		5/16-18	7/16-14	.3049			.397	.447	7/16-14	.50	ATSTD518L	11/32	
	ATSKNL518J			.2321	.37								
ATSKN524J		5/16-24		.3049		ATSTD524L							
	ATSKNL524J			.2321	.34								
ATSKN616J		3/8-16	1/2-13	.4299			.453	.510	1/2-13	.56	ATSTD616L	13/32	
	ATSKNL616J			.3366	.40								
ATSKN624J		3/8-24		.4299		ATSTD624L							
	ATSKNL624J			.3366	.36								
ATSKN714J		7/16-14	9/16-12	.5665			.516	.572	9/16-12	.62	ATSTD714L	15/32	
	ATSKNL714J			.4606	.45								
ATSKN720J		7/16-20		.5665		ATSTD720L							
	ATSKNL720J			.4606	.41								
ATSKN813J		1/2-13	5/8-11	.7175			.578	.635	5/8-11	.68	ATSTD813L	17/32	
	ATSKNL813J			.5906	.47								
ATSKN820J		1/2-20		.7175		ATSTD820L							
	ATSKNL820J			.5906	.42								



ATSKNH Series Threaded Inserts



Code		Dimensions						Installation					Removal		
Standard	Locking	Ø Internal Thread 3B	Ø External Thread 2A	Anchor	L	C Hole Depth	A	Ø Pre- drilling Tapping	Ø Countersunk +.010/-,.000	Filetto		Code Laying Tool	Tip		
										UNF-2B Misure	Min. Depth.		Ø	Depth	
ATSKNH0832J		8-32	5/16-18	.1517	.31	.40		.272	.323	5/16-18		ATSTHD0832L	7/32	1/8	
	ATSKNHL0832J			.0945											
ATSKNH1024J		10-24	3/8-16	.1901				.332	.385	3/8-16	.37	ATSTHD1024L	9/32		
	ATSKNHL1024J			.1156											
ATSKNH1032J		10-32		.1901								ATSTHD1032L			
	ATSKNHL1032J			.1156											
ATSKNH420J		1/4-20	7/16-14	.2842				.397	.447	7/16-14	.43		ATSTHD420L		
	ATSKNHL420J			.1970											
ATSKNH428J		1/4-28		.2842								ATSTHD428L			
	ATSKNHL428J			.1970											.33
ATSKNH518J		5/16-18	1/2-13	.3588		.453	.510	1/2-13	.50	ATSTHD518L	13/32				
	ATSKNHL518J			.2608										.37	
ATSKNH524J		5/16-24		.3588						ATSTHD524L					
	ATSKNHL524J			.2608									.34		
ATSKNH616J		3/8-16	9/16-12	.4975		.516	.572	9/16-12	.56		ATSTHD616L			15/32	
	ATSKNHL616J			.3843									.41		
ATSKNH624J		3/8-24		.4975						ATSTHD624L					
	ATSKNHL624J			.3843								.37			

ATSKNH714J		7/16-14	5/8-11	.7172	.62	.10	.45	.578	.635	5/8-11	.68	ATSTHD714L	17/32	5/16
	ATSKNHL714J			.5831								ATSTHD720L		
ATSKNH720J		7/16-20		.7172						ATSTHD813L				
	ATSKNHL720J			.5831							ATSTHD820L			
ATSKNH813J		1/2-13	11/16-11 NS	.8884	.68		.47	.641	.700	11/16-11 NS		.75	ATSTHD912L	
	ATSKNHL813J			.7368							ATSTHD918L			
ATSKNH820J		1/2-20		.8884									ATSTHD1011L	
	ATSKNHL820J			.7368							ATSTHD1018L			
ATSKNH912J		9/16-12	13/16-16	1.2493	.81		.54	.766	.822	13/16-16 UN		.94	ATSTHD1210L	
	ATSKNHL912J			1.0247							ATSTHD1216L			
ATSKNH918J		9/16-18		1.2493		ATSTHD1409L								
	ATSKNHL918J			1.0247							ATSTHD1414L			
ATSKNH1011J		5/8-11	7/8-14	1.4866	.87	.57	.828	.885	7/8-14 UNF	1.00		ATSTHD1608L	1-7/32	
	ATSKNHL1011J			1.2415							ATSTHD1612L			
ATSKNH1018J		5/8-18		1.4866								ATSTHD1612L		
	ATSKNHL1018J			1.2415							ATSTHD1612L			
ATSKNH1210J		3/4-10	1-1/8-12	2.4901	1.12	.75	1.062	1.145	1-1/8-12 UNF	1.31		ATSTHD1612L	31/32	
	ATSKNHL1210J			2.4478	1.25					1.44	ATSTHD1612L			
ATSKNH1216J		3/4-16		2.4901	1.12					1.31	ATSTHD1612L			
	ATSKNHL1216J			2.4478	1.25					1.44	ATSTHD1612L			
ATSKNH1409J		7/8-9	1-1/4-12	3.1370	1.25	.77	1.187	1.270	1-1/4-12 UNF	1.44	ATSTHD1612L	1-3/32		
	ATSKNHL1409J			3.0775	1.37					1.56	ATSTHD1612L			
ATSKNH1414J		7/8-14		3.1370	1.25					1.44	ATSTHD1612L			
	ATSKNHL1414J			3.0775	1.37					1.56	ATSTHD1612L			
ATSKNH1608J		1-08	1-3/8-12	3.8381	1.37	.86	1.312	1.395	1-3/8-12 UNF	1.56	ATSTHD1612L	1-7/32		
	ATSKNHL1608J			3.7929	1.50					1.68	ATSTHD1612L			
ATSKNH1612J		1-12		3.8381	1.37					1.56	ATSTHD1612L			
	ATSKNHL1612J			3.7929	1.50					1.68	ATSTHD1612L			





On the date July 22nd, 2002 the company A.T.S. s.r.l. gets with great satisfaction and pride the certification of the quality management system UNI EN ISO 9001:2000 conforming to the new standard UNI EN ISO 9001:2008 from July 01st, 2009.

The main attention is focused on the customer, the ability to recognize their needs and expectations in order to be in line with market expectations trying to achieve the targets through continuous improvement.

The company A.T.S. s.n.c. was founded in 1983 initially as technical assistance and support in the field of spot welding, then following to several customer request, the founder Lamberti Bruno, afterwards followed by his wife Lucia Manferdini and by his daughter Cinzia decide to expand the potential of the company acquiring the trading license for the marketing of welding system and related spare parts.

During the years, over 30, the company A.T.S s.r.l. has seen a great evolution and expansion of its business activities with the first and only target of the “customer satisfaction”.

Today A.T.S. s.r.l with the help of good collaborators who systematically attend training courses and updating stands in the foreground in the supply of equipment listed in the catalog defined standard and it has specialized in manufacturing components according to customer specifications and designs, and any other component at request regarding the field of spot welding, welding and fixing.

All the equipment sold or rental services are guaranteed by assistance of technical staff specialized that use instrumentation certified.



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