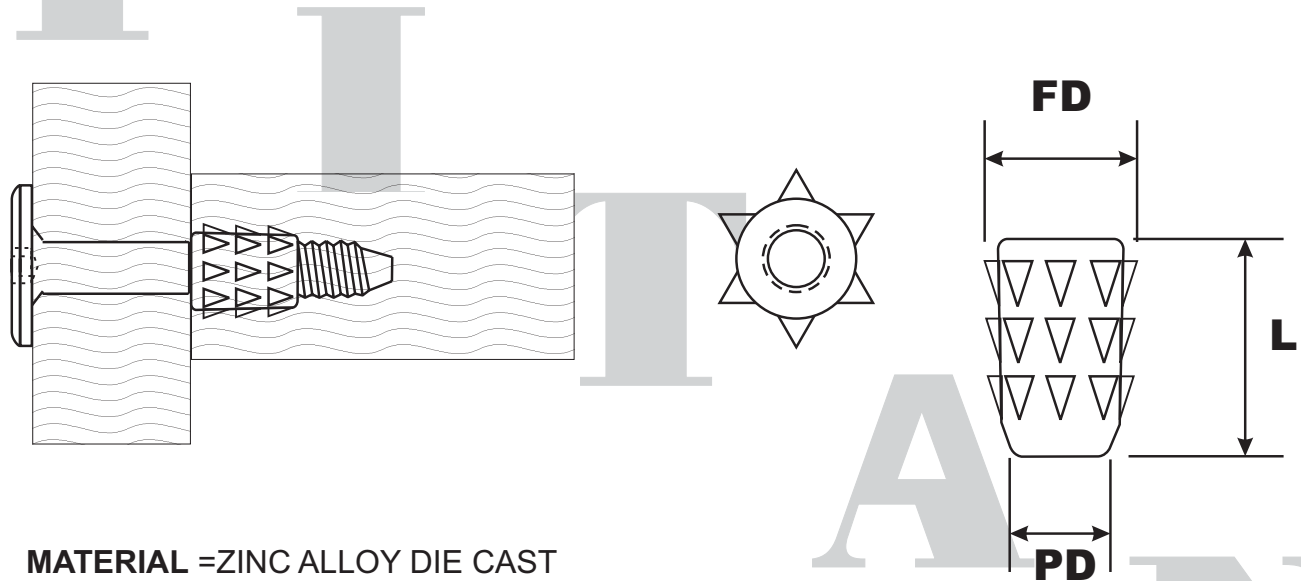




TITAN
HARDWARE INTERNATIONAL
 7711 AMIGOS AVE, SUITE C, DOWNEY, CA 90242
 LOCAL PH 562-803-1695 FAX 562-803-6605
 EMAIL SALES@TITANHARDWARE.COM

TYPE "A" INSERT

(KNOCK IN)



MATERIAL =ZINC ALLOY DIE CAST

TYPE "A" INSERTS ARE THE HIGH QUALITY- LOW COST ALTERNATIVE TO INSERTS THAT ARE DRIVEN IN. NOT ONLY ARE THEY ECONOMICAL TO BUY, THEY ALSO SAME LABOR COSTS DURING INSTALLATION.

PART NUMBER	SIZE	L	PD	FD	QTY./CTN	WT./M
INSA-SC08-M10-Z-CZ	8-32 X 10 MM		.236"	.315	50,000	1.8
INSA-SF10-M10-Z-CZ	10-32 X 10 MM		.295"	.394	25,000	2.2
INSA-FC04-M10-Z-CZ	1/4-20 X 10 MM		.354"	.465	20,000	4.0
INSA-FC04-M13-Z-CZ	1/4-20 X 13 MM		.354"	.465	15,000	6.0

PLEASE NOTE OTHER SIZES AVAILABLE UPON REQUEST. PLEASE FEEL FREE TO INQUIRE.

04/04/03

TOLL FREE PH 1-888-551-0456 FAX 1-888-551-0454

WWW.TITANHARDWARE.COM

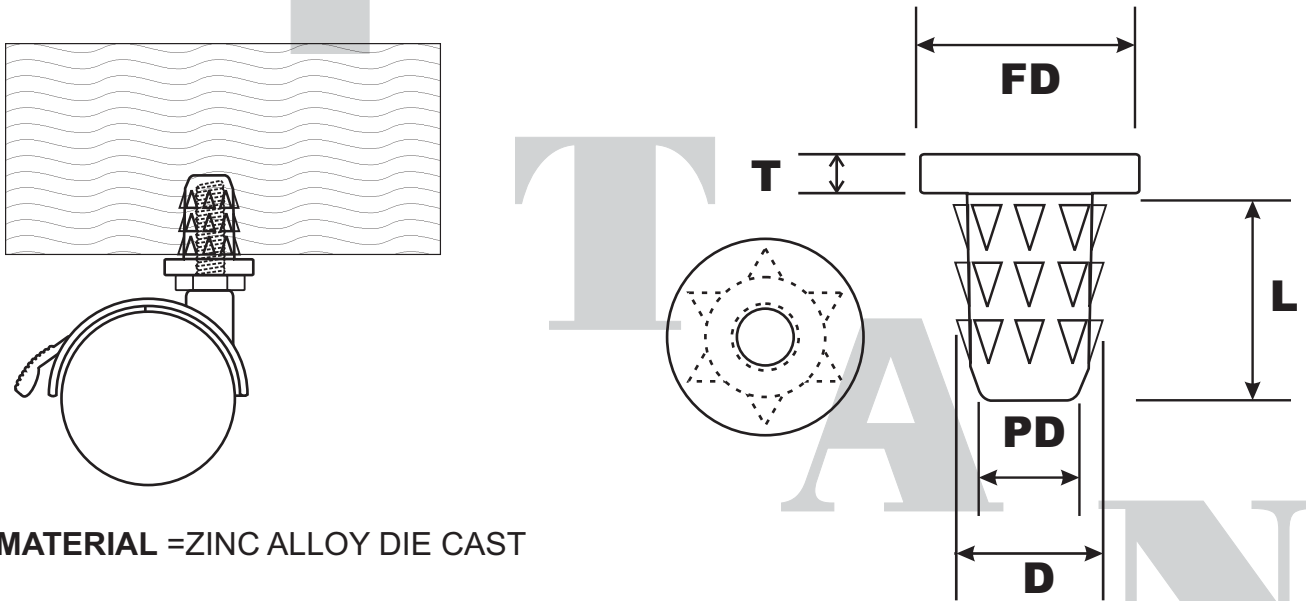
003-001



TITAN
HARDWARE INTERNATIONAL
 7711 AMIGOS AVE, SUITE C, DOWNEY, CA 90242
 LOCAL PH 562-803-1695 FAX 562-803-6605
 EMAIL SALES@TITANHARDWARE.COM

TYPE "B" INSERT

(KNOCK IN)



MATERIAL =ZINC ALLOY DIE CAST

TYPE "B" INSERTS ARE THE HIGH QUALITY- LOW COST ALTERNATIVE TO INSERTS THAT ARE DRIVEN IN. NOT ONLY ARE THEY ECONOMICAL TO BUY, THEY ALSO SAVE LABOR COSTS DURING INSTALLATION. THEY ARE NORMALLY USED ANYWHERE YOU WOULD USE A T-NUT.

TITAN P#	SIZE	L (MM)	FD"	D"	PD"	T"	Q'TY/CTN
INSB-SC08-08-Z-CZ	8-32	8.1	0.262	0.193	0.152	0.036	15,000
INSB-SC10-08.5-Z-CZ	10-24	8.5	0.318	0.249	0.173	0.056	10,000
INSB-SF10-08.5-Z-CZ	10-32	8.5	0.318	0.249	0.173	0.056	10,000
INSB-FC04-08.5-Z-CZ	1/4-20	8.5	0.409	0.297	0.234	0.051	6,000
INSB-FC04-10.3-Z-CZ	1/4-20	10.3	0.358	0.279	0.203	0.051	6,000
INSB-FC04-12.9-Z-CZ	1/4-20	12.9	0.366	0.295	0.229	0.036	6,000
INSB-FC04-13-Z-CZ	1/4-20	13.0	0.368	0.295	0.229	0.064	6,000
INSB-FC05-11.5-Z-CZ	5/16-18	11.5	0.478	0.323	0.254	0.051	5,000
INSB-FC05-13.6-Z-CZ	5/16-18	13.6	0.478	0.318	0.254	0.043	4,000
INSB-FC05-21.6-Z-CZ	5/16-18	21.6	0.483	0.323	0.254	0.028	4,000
INSB-FC06-14.4-Z-CZ	3/8-16	14.4	0.513	0.363	0.295	0.041	4,000

PLEASE NOTE OTHER SIZES AVAILABLE UPON REQUEST. PLEASE FEEL FREE TO INQUIRE.

04/04/03

TOLL FREE PH 1-888-551-0456 FAX 1-888-551-0454

WWW.TITANHARDWARE.COM

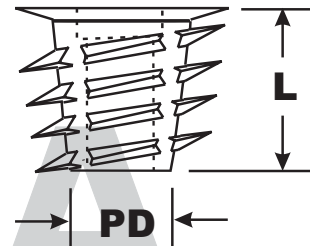
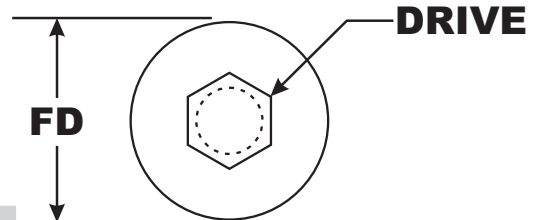
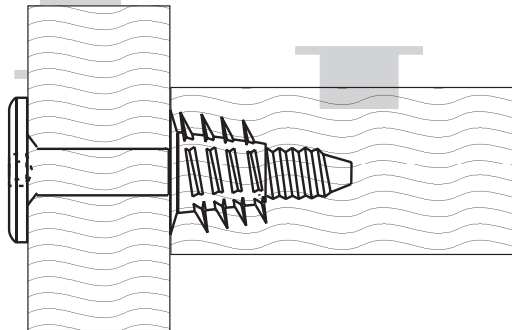
003-002



TITAN HARDWARE INTERNATIONAL

7711 AMIGOS AVE, SUITE C, DOWNEY, CA 90242
LOCAL PH 562-803-1695 FAX 562-803-6605
EMAIL SALES@TITANHARDWARE.COM

TYPE "D" INSERT



MATERIAL =ZINC ALLOY DIE CAST

TYPE "D" INSERTS ARE THE HIGH QUALITY LOW COST ALTERNATIVE TO MACHINED STEEL OR BRASS INSERTS FOR WOOD. SHARP NOTCHED THREADS FORM A POSITIVE HIGH TORQUE BOND TO A WIDE RANGE OF MATERIALS. FEATURES INCLUDE A HIGH TORQUE HEX DRIVE, AND A FLUSH MOUNT HEAD. FOR PROPER ALIGNMENT AND DEPTH CONTROL.

PART NUMBER	SIZE	L	PD	FD	DRIVE	QTY./CTN	WT./M
INSD-SC10-M10-Z-CZ	10-24 X 10 MM		.260"	.445	M5	13,000	4.7
INSD-SF10-M10-Z-CZ	10-32 X 10 MM		.260"	.445	M5	13,000	4.7
INSD-SC10-M13-Z-CZ	10-24 X 13 MM		.260"	.445	M5	12,000	5.0
INSD-SF10-M13-Z-CZ	10-32 X 13 MM		.260"	.445	M5	12,000	5.0
INSD-FC04-M10-Z-CZ	1/4-20 X 10 MM		.293"	.492	M6	13,000	5.0
INSD-FC04-M13-Z-CZ	1/4-20 X 13 MM		.293"	.492	M6	10,000	5.2
INSD-FC04-M20-Z-CZ	1/4-20 X 20 MM		.293"	.492	M6	7,500	8.7
INSD-FC04-M25-Z-CZ	1/4-20 X 25 MM		.293"	.492	M6	5,000	12.8
INSD-FC05-M13-Z-CZ	5/16-18 X 13MM		.374"	.571	M8	6,500	8.9
INSD-FC05-M25-Z-CZ	5/16-18 X 25MM		.374"	.571	M10	4,000	15.3
INSD-FC06-M25-Z-CZ	3/8-16 X 25MM		.460"	.625	M10	3,000	21.0

PLEASE NOTE OTHER SIZES AVAILABLE UPON REQUEST. PLEASE FEEL FREE TO INQUIRE.

12/15/99 **TOLL FREE PH 1-888-551-0456 FAX 1-888-551-0454**

WWW.TITANHARDWARE.COM

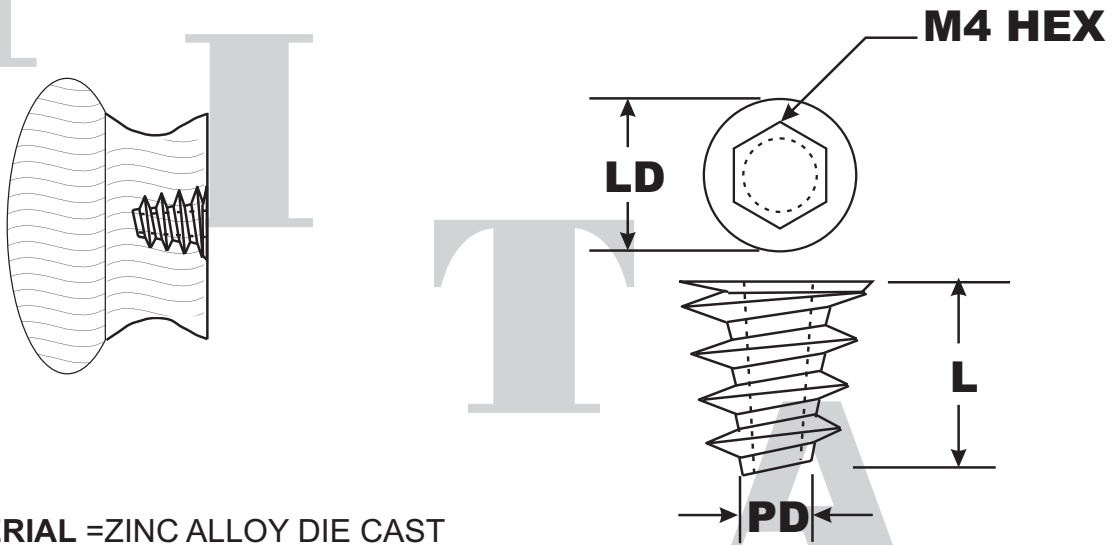
003-003



TITAN
HARDWARE INTERNATIONAL
 7711 AMIGOS AVE, SUITE C, DOWNEY, CA 90242
 LOCAL PH 562-803-1695 FAX 562-803-6605
 EMAIL SALES@TITANHARDWARE.COM

ULTRASERT

TM



MATERIAL =ZINC ALLOY DIE CAST

ULTRASERT INSERTS ARE THE HIGH QUALITY LOW COST ALTERNATIVE TO MACHINED STEEL OR BRASS INSERTS FOR WOOD OR PLASTICS. FEATURES INCLUDE A SPECIALLY DESIGNED THREAD, SHARP ENOUGH TO CUT INTO HARD MATERIALS YET WIDE ENOUGH TO HOLD IN SOFT MATERIALS. THEY ALSO COME WITH A HEX DRIVE FOR EASY INSTALLATION

PART NUMBER	SIZE	L	PD	LD	QUANTITY PER CTN	WEIGHT PER M
INSU-SC08-M10-Z-CZ	8-32 X 10 MM		.195"	.310"	10,000	2.34

PLEASE NOTE OTHER SIZES AVAILABLE UPON REQUEST. PLEASE FEEL FREE TO INQUIRE.

12/15/99 **TOLL FREE PH 1-888-551-0456 FAX 1-888-551-0454**

WWW.TITANHARDWARE.COM

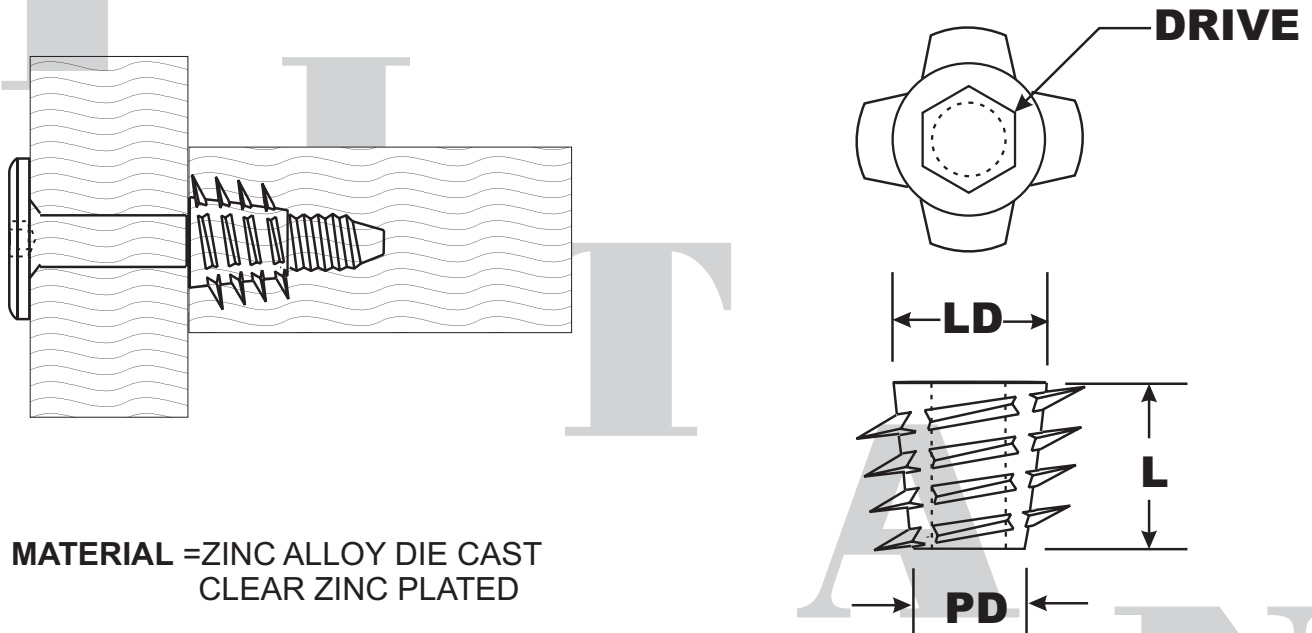
003-004



TITAN HARDWARE INTERNATIONAL

7711 AMIGOS AVE, SUITE C, DOWNEY, CA 90242
 LOCAL PH 562-803-1695 FAX 562-803-6605
 EMAIL SALES@TITANHARDWARE.COM

TYPE "E" INSERT



MATERIAL =ZINC ALLOY DIE CAST
 CLEAR ZINC PLATED

TYPE "E" INSERTS ARE THE HIGH QUALITY LOW COST ALTERNATIVE TO MACHINED STEEL OR BRASS INSERTS FOR WOOD. SHARP NOTCHED THREADS FORM A POSITIVE, HIGH TORQUE BOND TO A WIDE RANGE OF MATERIALS. FEATURES INCLUDE A HIGH TORQUE HEX DRIVE.

PART NUMBER	SIZE	L	PD	LD	DRIVE	QTY./CTN	WT./M
INSE-SC06-M10-Z-CZ	6-32 X 10 MM	.197"	.215"	M3	30,000	2.1	
INSE-SC08-M10-Z-CZ	8-32 X 10 MM	.217"	.235"	M4	30,000	3	
INSE-SC10-M13-Z-CZ	10-24 X 13 MM	.264"	.310"	M5	12,000	6	
INSE-SF10-M13-Z-CZ	10-32 X 13 MM	.264"	.310"	M5	12,000	6	
INSE-FC04-M13-Z-CZ	1/4-20 X 13 MM	.299"	.340"	M6	13,000	4.8	
INSE-FC04-M20-Z-CZ	1/4-20 X 20 MM	.299"	.340"	M6	8,000	7.9	
INSE-FC05-M13-Z-CZ	5/16-18 X 13MM	.413"	.512"	M8	6,000	10	
INSE-FC05-M20-Z-CZ	5/16-18 X 20MM	.413"	.787"	M8	3,000	16	
INSE-FC05-M25-Z-CZ	5/16-18 X 25MM	.413"	.563"	M8	4,000	20	

PLEASE NOTE OTHER SIZES AVAILABLE UPON REQUEST. PLEASE FEEL FREE TO INQUIRE.

10/23/01 **TOLL FREE PH 1-888-551-0456 FAX 1-888-551-0454**

WWW.TITANHARDWARE.COM

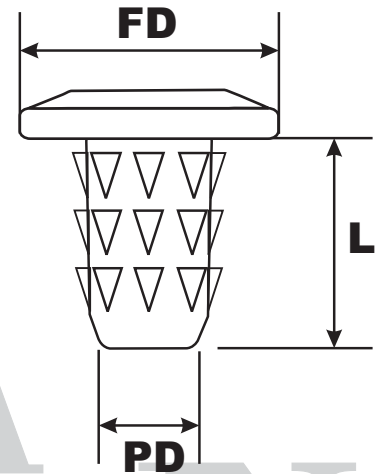
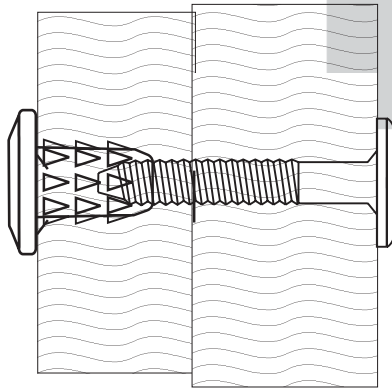
003-005



TITAN
HARDWARE INTERNATIONAL
 7711 AMIGOS AVE, SUITE C, DOWNEY, CA 90242
 LOCAL PH 562-803-1695 FAX 562-803-6605
 EMAIL SALES@TITANHARDWARE.COM

TYPE "I" INSERT

(KNOCK IN)



MATERIAL =ZINC ALLOY DIE CAST

TYPE "I" INSERTS ARE THE HIGH QUALITY LOW COST ALTERNATIVE TO JCB CAP NUTS. THEY ARE USED IN SITUATIONS WHERE YOU WOULD WANT TO SANDWICH TWO ITEMS TOGETHER. THEY ARE ALSO FAST AND EASY TO INSTALL.

PART NUMBER	SIZE	L	PD	FD	QTY./CTN	WT./M
INSI-SC08-M10-Z-CZ	8-32 X 10 MM		.215"	.435	5,000	4.7
INSI-SC10-M10-Z-CZ	10-24 X 10 MM		.215"	.435	5,000	4.7
INSI-FC04-M15-Z-CZ	1/4-20 X 15 MM		.310"	.664	5,000	13.0

PLEASE NOTE OTHER SIZES AVAILABLE UPON REQUEST. PLEASE FEEL FREE TO INQUIRE.

01/23/02

TOLL FREE PH 1-888-551-0456 FAX 1-888-551-0454

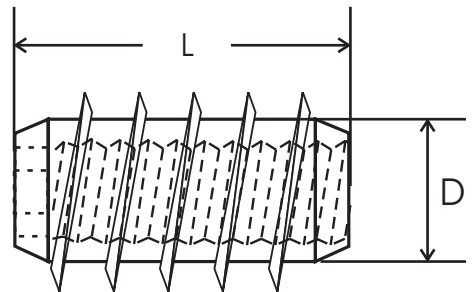
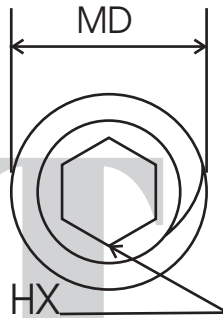
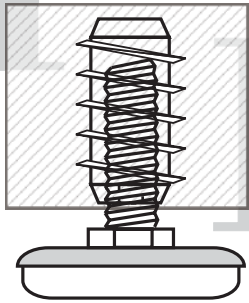
WWW.TITANHARDWARE.COM

003-006



TITAN
HARDWARE INTERNATIONAL
 7711 AMIGOS AVE, SUITE C, DOWNEY, CA 90242
 LOCAL PH 562-803-1695 FAX 562-803-6605
 EMAIL SALES@TITANHARDWARE.COM

TYPE "SKH" INSERT



SKH INSERTS OFFER A COURSE DEEP THREAD FOR EXTRA HOLDING POWER, A HEX DRIVE FOR A POSITIVE WOBBLE FREE INSTALLATION. AND ARE MADE OF LOW CARBON STEEL FOR UNSURPASSED STRENGTH OF ANY INSERT WE CARRY.

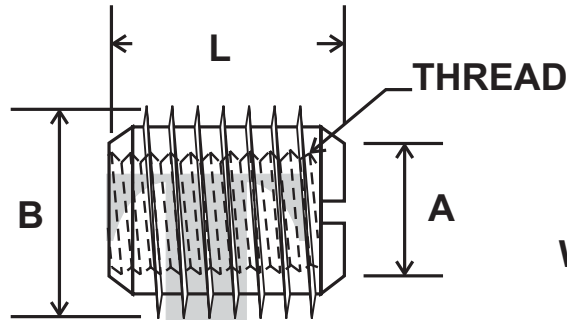
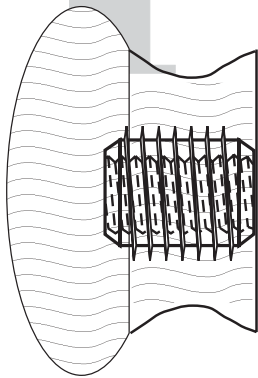
PART NUMBER	SIZE	L	D	MD	HX	QTY./CTN	WT./M
INSKH-FC04-M015-S-CZ	1/4-20 X 15MM (0.591")	0.374"	0.472"	6MM	3,000	14	
INSKH-FC04-M020-S-CZ	1/4-20 X 20MM (0.787")	0.374"	0.472"	6MM	2,500	18	
INSKH-FC05-M018-S-CZ	5/16-18 X 18MM (0.709")	0.453"	0.552"	8MM	1,400	20	
INSKH-FC05-M030-S-CZ	5/16-18 X 30MM (1.181")	0.528"	0.630"	8MM	800	58	
INSKH-FC06-M030-S-CZ	3/8-16 X 30MM (1.181")	0.618"	0.728"	10MM	500	69	



TITAN HARDWARE INTERNATIONAL

7711 AMIGOS AVE, SUITE C, DOWNEY, CA 90242
 LOCAL PH 562-803-1695 FAX 562-803-6605
 EMAIL SALES@TITANHARDWARE.COM

KNIFE THREAD INSERTS



WITH SLOT

MATERIAL;
LOW CARBON STEEL
BRASS
STAINLESS

KNIFE THREAD INSERTS ARE USED WHEN EXTRA STRENGTH IS REQUIRED, SUCH AS IN HARD WOODS. THE SHARP OUTER THREADS CUT THROUGH THE GRAIN AND THUS REDUCE THE CHANGE OF SPLITTING THE WOOD.

PART NUMBER	THREAD X L	A	B	QTY./CTN
INSK-SC04-06-S-YZ	4-40 X 3/8"	1/4"	21/64	1,000
INSK-SC06-06-S-YZ	6-32 X 3/8"	1/4"	21/64	1,000
INSK-SC08-06-S-YZ	8-32 X 3/8"	1/4"	21/64	1,000
INSK-SC10-08-S-YZ	10-24 X 1/2"	3/8"	29/64	1,000
INSK-SF10-08-S-YZ	10-32 X 1/2"	3/8"	29/64	1,000
INSK-FC04-08-S-YZ	1/4-20 X 1/2"	3/8"	29/64	1,000
INSK-FC05-08-S-YZ	5/16-18 X 1/2"	1/2"	19/32	1,000
INSK-FC06-08-S-YZ	3/8-16 X 1/2"	1/2"	19/32	1,000
INSK-FC08-08-S-YZ	1/2-13 X 1/2"	1/2"	19/32	1,000

PLEASE NOTE OTHER SIZES AVAILABLE UPON REQUEST. PLEASE FEEL FREE TO INQUIRE.

01/07/02 **TOLL FREE PH 1-888-551-0456 FAX 1-888-551-0454**

WWW.TITANHARDWARE.COM

003-008