



## LIGHTWEIGHT - THIN WALL INSERTS - CARBON STEEL

### INCH SERIES - UNC

Internal Thread Size Class 2B	Lightweight / Thin Wall - Carbon Steel									Tooling	
	P/N	Loksert #	External Thread / Tap Size	Insert Length	Tap Drill Size	C'Sink Dia +.010/- .000	PKG Qty	Net Each 25-225	Net Each 250+	Net Price (ea.)	Slotted Tool
10-24	75921	3632-10GTW	5/16-18	.31	I	.32	25	.81	.77	9.00	3600-190T
1/4-20	75922	3632-1/4TW	3/8-16	.37	Q	.38	25	.84	.79	8.68	3600-250T
5/16-18	75923	3632-5/16TW	7/16-14	.43	X	.44	25	.91	.86	9.75	3600-312T
3/8-16	75924	3632-3/8TW	1/2-13	.50	29/64	.51	25	1.05	.99	9.75	3600-375T
7/16-14	75925	3632-7/16TW	9/16-12	.56	33/64	.57	25	1.34	1.27	9.75	3600-375T
1/2-13	75926	3632-1/2TW	5/8-11	.62	37/64	.63	25	1.53	1.44	10.75	3600-500T

### INCH SERIES - UNF

Internal Thread Size Class 2B	Lightweight / Thin Wall - Carbon Steel									Tooling	
	P/N	Loksert #	External Thread / Tap Size	Insert Length	Drill Size	C'Sink Dia +.010/- .000	PKG Qty	Net Each 25-225	Net Each 250+	Net Price (ea.)	Slotted Tool
10-32	76121	3634-10GTW	5/16-18	.31	I	.32	25	.81	.77	9.00	3600-190T
1/4-28	76122	3634-1/4TW	3/8-16	.37	Q	.38	25	.84	.79	8.68	3600-250T
5/16-24	76123	3634-5/16TW	7/16-14	.43	X	.44	25	.91	.86	9.75	3600-312T
3/8-24	76124	3634-3/8TW	1/2-13	.50	29/64	.51	25	1.05	.99	9.75	3600-375T
7/16-20	76125	3634-7/16TW	9/16-12	.56	33/64	.57	25	1.34	1.27	9.75	3600-375T
1/2-20	76126	3634-1/2TW	5/8-11	.62	37/64	.63	25	1.53	1.44	10.75	3600-500T

### METRIC SERIES

Internal Thread Size Class 6H	Lightweight / Thin Wall - Carbon Steel									Tooling	
	P/N	Loksert #	External Thread / Tap Size	Insert Length	Drill Size	C'Sink Dia +.010/- .000	PKG Qty	Net Each 25-225	Net Each 250+	Net Price (ea.)	Slotted Tool
M5-.8	75951	3620-5.00TW	M8-1.25	8mm	6.9	8.25	25	1.31	1.20	9.00	3600-190T
M6-1.0	75952	3620-6.00TW	M10-1.25	10mm	8.8	10.25	25	1.43	1.31	8.68	3600-250T
M8-1.25	75953	3620-8.00TW	M12-1.25	12mm	10.8	12.25	25	1.55	1.45	9.75	3600-312T
M8-1.0	76153	3621-8.00TW	M12-1.25	12mm	10.8	12.25	25	1.56	1.48	9.75	3600-312T
M10-1.5	75955	3620-10.00TW	M14-1.5	14mm	12.8	14.25	25	1.94	1.78	9.75	3600-375T
M10-1.25	76155	3621-10.00TW	M14-1.5	14mm	12.8	14.25	25	1.95	1.79	9.75	3600-375T
M12-1.75	75956	3620-12.00TW	M16-1.5	16mm	14.75	16.25	25	2.47	2.26	10.75	3600-500T
M12-1.25	76156	3621-12.00TW	M16-1.5	16mm	14.75	16.25	25	2.47	2.26	10.75	3600-500T

\*\* For quantities beyond column pricing please call for bulk quote

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## HEAVY DUTY - THICK WALL INSERTS - CARBON STEEL

### INCH SERIES - UNC

Internal Thread Size Class 2B	Heavy Duty / Thick Wall - Carbon Steel									Tooling	
	P/N	Loksert #	External Thread / Tap Size	Insert Length	Drill Size	C'Sink Dia +.010/- .000	PKG Qty	Net Each 25-225	Net Each 250+	Net Price (ea.)	Slotted Tool
8-32	75900	3632-8GHD	5/16-18	.31	I	.32	25	1.34	1.26	11.25	HD8
10-24	75901	3632-10GHD	3/8-16	.31	Q	.38	25	.81	.77	9.00	3600-190T
1/4-20	75902	3632-1/4HD	7/16-14	.37	X	.44	25	.84	.79	8.68	3600-250T
5/16-18	75903	3632-5/16HD	1/2-13	.43	29/64	.51	25	.91	.86	9.75	3600-312T
3/8-16	75904	3632-3/8HD	9/16-12	.50	33/64	.57	25	1.05	.99	9.75	3600-375T
7/16-14	75905	3632-7/16HD	5/8-11	.62	37/64	.63	25	1.34	1.27	9.75	3600-375T
1/2-13	75906	3632-1/2HD	3/4-16	.62	45/64	.76	25	1.53	1.44	10.75	3600-500T
Internal Thread Size Class 2B	P/N	Loksert #	External Thread / Tap Size	Insert Length	Drill Size	C'Sink Dia +.010/- .000	PKG Qty	Net Each 10-90	Net Each 100+	Net Price (ea.)	Slotted Tool
9/16-12	75907	3632-9/16HD	3/4-16	.81	45/64	.76	10	2.60	2.33	10.75	3600-500T
5/8-11	75908	3632-5/8HD	7/8-14	.87	53/64	.88	10	2.77	2.48	10.75	3600-625T
3/4-10	75909	3632-3/4HD	1 1/8-12	1.12	1 1/16	1.14	5	3.85	3.45	12.75	3600-875T
7/8-9	75910	3632-7/8HD	1 1/4-12	1.25	1 3/16	1.27	5	5.58	5.00	13.45	3600-875T
1-8	75911	3632-1HD	1 3/8-12	1.37	1 5/16	1.39	5	10.12	9.05	13.45	3600-100T
Internal Thread Size Class 2B	P/N	Loksert #	External Thread / Tap Size	Insert Length	Drill Size	C'Sink Dia +.010/- .000	PKG Qty	Net Each	Net Each	Net Price (ea.)	Slotted Tool
1 1/8-7	75913	3632-1.1/8HD	1 1/2-12	1.62	1 7/16	1.52	1	32.29		46.00	HD1.1/2
1 1/4-7	75914	3632-1.1/4HD	1 5/8-12	1.81	1 9/16	1.64	1	39.65		50.00	HD1.1/4
1 1/2-6	75916	3632-1.1/2HD	1 7/8-12	2.00	1 13/16	1.89	1	76.30		58.00	HD1.1/2

### INCH SERIES - UNF

Internal Thread Size Class 2B	Heavy Duty / Thick Wall - Carbon Steel									Tooling	
	P/N	Loksert #	External Thread / Tap Size	Insert Length	Drill Size	C'Sink Dia +.010/- .000	PKG Qty	Net Each 25-225	Net Each 250+	Net Price (ea.)	Slotted Tool
10-32	76101	3634-10GHD	3/8-16	.31	Q	.38	25	.81	.77	9.00	3600-190T
1/4-28	76102	3634-1/4HD	7/16-14	.37	X	.44	25	.84	.79	8.68	3600-250T
5/16-24	76103	3634-5/16HD	1/2-13	.43	29/64	.51	25	.91	.86	9.75	3600-312T
3/8-24	76104	3634-3/8HD	9/16-12	.50	33/64	.57	25	1.05	.99	9.75	3600-375T
7/16-20	76105	3634-7/16HD	5/8-11	.62	37/64	.63	25	1.34	1.27	9.75	3600-375T
1/2-20	76106	3634-1/2HD	3/4-16	.62	45/64	.76	25	1.53	1.44	10.75	3600-500T

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## HEAVY DUTY - THICK WALL INSERTS - CARBON STEEL (cont.)

### INCH SERIES - UNF

Internal Thread Size Class 2B	P/N	Loksert #	External Thread / Tap Size	Insert Length	Drill Size	C'Sink Dia +.010/- .000	PKG Qty	Net Each 10-90	Net Each 100+	Net Price (ea.)	Slotted Tool
9/16-18	76107	3634-9/16HD	3/4-16	.81	45/64	.76	10	3.02	2.60	10.75	3600-500T
5/8-18	76108	3634-5/8HD	7/8-14	.87	53/64	.88	10	2.77	2.48	10.75	3600-625T
3/4-16	76109	3634-3/4HD	1 1/8-12	1.12	1 1/16	1.14	5	4.48	3.85	12.75	3600-875T
7/8-14	76110	3634-7/8HD	1 1/4-12	1.25	1 3/16	1.27	5	6.50	5.58	13.45	3600-875T
1-12	76111	3634-1HD	1 3/8-12	1.37	1 5/16	1.39	5	13.05	11.19	13.45	3600-100T
1-14	76112	3635-1HD	1 3/8-12	1.37	1 5/16	1.39	5	13.05	11.19	13.45	3600-100T

### METRIC SERIES

Internal Thread Size Class 6H	Heavy Duty / Thick Wall - Carbon Steel									Tooling	
	P/N	Loksert #	External Thread / Tap Size	Insert Length	Drill Size	C'Sink Dia +.010/- .000	PKG Qty	Net Each	List Price (ea.)	Slotted Tool	
M4-0.7	75963	3620-4.00HD	M8-1.25	8mm	6.90	8.25	5	6.13	9.69	HDM4	
M5-0.8	75964	3620-5.00HD	M10-1.25	10mm	8.80	10.25	5	5.92	9.00	3600-190T	
M6-1.0	75965	3520-6.00HD	M12-1.25	12mm	10.80	12.25	5	6.14	8.68	3600-250T	
M8-1.25	75966	3620-8.00HD	M14-1.5	14mm	12.80	14.25	5	6.34	9.75	3600-312T	
M10-1.5	75967	3620-10.00HD	M16-1.5	16mm	14.75	16.25	5	6.52	9.75	3600-375T	
M12-1.75	75969	3620-12.00HD	M18-1.5	18mm	16.75	18.25	5	6.75	10.75	3600-500T	
M14-2.0	75970	3620-14.00HD	M20-1.5	20mm	18.75	20.25	5	8.38	18.76	HDM14	
M14-1.5	76170	3621-14.00HD	M20-1.5	20mm	18.75	20.25	5	8.38	18.76	HDM14	
M16-2.0	75971	3520-16.00HD	M22-1.5	22mm	20.50	22.25	5	9.85	10.75	3600-625T	
M16-1.5	76171	3521-16.00HD	M22-1.5	22mm	20.50	22.25	5	9.85	10.75	3600-625T	
M18-1.5	76172	3621-18.00HD	M24-1.5	24mm	22.50	24.25	5	11.10	20.52	HDM18	
M20-2.5	75973	3620-20.00HD	M30-2.0	30mm	28.00	30.25	5	12.95	13.45	3600-875T	
M20-1.5	76173	3621-20.00HD	M30-2.0	30mm	28.00	30.25	5	12.95	13.45	3600-875T	
M22-1.5	76174	3621-22.00HD	M32-2.0	32mm	30.00	32.25	5	15.00	13.45	3600-875T	
M24-3.0	75975	3620-24.00HD	M33-2.0	33mm	31.00	33.25	5	25.00	35.00	HDM24	
M24-2.0	76175	3621-24.00HD	M33-2.0	33mm	31.00	33.25	5	25.00	35.00	HDM24	

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#### General Information for Industrial Style Key Thread Inserts

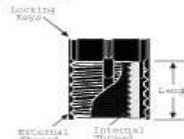
**Material:** Inserts – Carbon Steel – C1215 or equivalent  
Stainless Steel – Type 303 or equivalent  
Keys – 302 CRES or equivalent

**Finish:** Carbon Steel – Zinc Phosphate  
Stainless Steel – Passivated

**Tolerances:** +/- .010 inch or +/- .25mm unless otherwise specified

**Dimensions:** Inch series are in inches, Metric Series in millimeters.

**Keys:** Inserts with an internal thread size of 5/16 or M7 and larger have 4 locking keys. Smaller sizes have 2 locking keys.



**Tapped Drill Hole Tolerance:** Inch - .234 to .500 = +.004/- .001  
Over .500 = +.100/- .025  
Metric - 6.90 to 10.80 = +.100/- .025  
Over 12.80 = +.130/- .025

#### See Cover for Installation Instructions

#### Removal:

If necessary, Key Thread Inserts can be removed without damage to the parent material:

1. Drill out material between keys and internal thread with a standard drill to specified depth. Please call for proper size and depth.
2. Bend the keys inward and break off.
3. Remove the old insert using a screw extractor or similar tool.
4. Install a replacement insert into the original tapped hole and drive keys down.

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## LIGHTWEIGHT - THIN WALL INSERTS - STAINLESS STEEL

### INCH SERIES - UNC

Internal Thread Size Class 2B	Lightweight / Thin Wall - Stainless Steel									Tooling	
	P/N	Loksert #	External Thread / Tap Size	Insert Length	Tap Drill Size	C'Sink Dia +.010/- .000	PKG Qty	Net Each 25-225	Net Each 250+	Net Price (ea.)	Slotted Tool
<b>10-24</b>	MS51830-105	3732-10GTW	5/16-18	.31	I	.32	25	1.32	1.15	9.00	3600-190T
<b>1/4-20</b>	MS51830-106	3732-1/4TW	3/8-16	.37	Q	.38	25	1.44	1.26	8.68	3600-250T
<b>5/16-18</b>	MS51830-107	3732-5/16TW	7/16-14	.43	X	.44	25	2.16	1.88	9.75	3600-312T
<b>3/8-16</b>	MS51830-108	3732-3/8TW	1/2-13	.50	29/64	.51	25	2.62	2.29	9.75	3600-375T
<b>7/16-14</b>	MS51830-109	3732-7/16TW	9/16-12	.56	33/64	.57	25	4.60	4.00	9.75	3600-375T
<b>1/2-13</b>	MS51830-110	3732-1/2TW	5/8-11	.62	37/64	.63	25	4.12	3.59	10.75	3600-500T

### INCH SERIES - UNF

Internal Thread Size Class 2B	Lightweight / Thin Wall - Stainless Steel									Tooling	
	P/N	Loksert #	External Thread / Tap Size	Insert Length	Drill Size	C'Sink Dia +.010/- .000	PKG Qty	Net Each 25-225	Net Each 250+	Net Price (ea.)	Slotted Tool
<b>10-32</b>	MS51830-201	3734-10GTW	5/16-18	.31	I	.32	25	1.32	1.15	9.00	3600-190T
<b>1/4-28</b>	MS51830-202	3734-1/4TW	3/8-16	.37	Q	.38	25	1.44	1.26	8.68	3600-250T
<b>5/16-24</b>	MS51830-203	3734-5/16TW	7/16-14	.43	X	.44	25	2.16	1.88	9.75	3600-312T
<b>3/8-24</b>	MS51830-204	3734-3/8TW	1/2-13	.50	29/64	.51	25	2.62	2.29	9.75	3600-375T
<b>1/2-20</b>	MS51830-206	3734-1/2TW	5/8-11	.62	37/64	.63	25	4.93	4.30	10.75	3600-500T

### METRIC SERIES

Internal Thread Size Class 6H	Lightweight / Thin Wall - Stainless Steel									Tooling	
	P/N	Loksert #	External Thread / Tap Size	Insert Length	Drill Size	C'Sink Dia +.010/- .000	PKG Qty	Net Each 25-225	Net Each 250+	Net Price (ea.)	Slotted Tool
<b>M5-.8</b>	76351	3720-4.00TW	M8-1.25	8mm	6.9	8.25	25	3.25	2.75	9.00	3600-190T
<b>M6-1.0</b>	76352	3720-6.00TW	M10-1.25	10mm	8.8	10.25	25	2.65	2.40	8.68	3600-250T
<b>M8-1.25</b>	76353	3720-8.00TW	M12-1.25	12mm	10.8	12.25	25	3.60	3.10	9.75	3600-312T
<b>M10-1.5</b>	76355	3720-10.00TW	M14-1.5	14mm	12.8	14.25	25	3.75	3.25	9.75	3600-375T
<b>M12-1.75</b>	76356	3720-12.00TW	M16-1.5	16mm	14.75	16.25	25	3.95	3.50	10.75	3600-500T

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## HEAVY DUTY - THICK WALL INSERTS - STAINLESS STEEL

### INCH SERIES - UNC

Internal Thread Size Class 2B	Heavy Duty / Thick Wall - Stainless Steel									Tooling	
	P/N	Loksert #	External Thread / Tap Size	Insert Length	Drill Size	C'Sink Dia +.010/- .000	PKG Qty	Net Each 25-225	Net Each 250+	Net Price (ea.)	Slotted Tool
8-32	76300	3732-8GHD	5/16-18	.31	I	.32	25	1.29	1.12	11.25	HD8
10-24	MS51831-101	3732-10GHD	3/8-16	.31	Q	.38	25	1.32	1.15	9.00	3600-190T
1/4-20	MS51831-102	3732-1/4HD	7/16-14	.37	X	.44	25	1.44	1.26	8.68	3600-250T
5/16-18	MS51831-103	3732-5/16HD	1/2-13	.43	29/64	.51	25	2.12	1.85	9.75	3600-312T
3/8-16	MS51831-104	3732-3/8HD	9/16-12	.50	33/64	.57	25	2.49	2.16	9.75	3600-375T
7/16-14	MS51831-105	3732-7/16HD	5/8-11	.62	37/64	.63	25	4.46	3.89	9.75	3600-375T
1/2-13	MS51831-106	MS51831-106	11-16-11	.62	45/64	.76	25	4.12	3.59	10.75	3600-500T
1/2-13		3732-1/2HD	3/4-16	.62	45/64	.76	25	4.12	3.59	10.75	3600-500T

### INCH SERIES - UNF

Internal Thread Size Class 2B	Heavy Duty / Thick Wall - Stainless Steel									Tooling	
	P/N	Loksert #	External Thread / Tap Size	Insert Length	Drill Size	C'Sink Dia +.010/- .000	PKG Qty	Net Each 25-225	Net Each 250+	Net Price (ea.)	Slotted Tool
10-32	76501	3734-10GHD	3/8-16	.31	Q	.38	25	1.32	1.15	9.00	3600-190T
1/4-28	76502	3734-1/4HD	7/16-14	.37	X	.44	25	1.44	1.26	8.68	3600-250T
5/16-24	76503	3734-5/16HD	1/2-13	.43	29/64	.51	25	2.12	1.85	9.75	3600-312T
3/8-24	76504	3734-3/8HD	9/16-12	.50	33/64	.57	25	2.49	2.16	9.75	3600-375T
1/2-20	76506	3734-1/2HD	3/4-16	.62	45/64	.76	25	4.93	4.30	10.75	3600-500T

### METRIC SERIES

Internal Thread Size Class 6H	Heavy Duty / Thick Wall - Stainless Steel									Tooling	
	P/N	Loksert #	External Thread / Tap Size	Insert Length	Drill Size	C'Sink Dia +.010/- .000	PKG Qty	Net Each		Net Price (ea.)	Slotted Tool
M4-0.7	76363	3720-4.00HD	M8-1.25	8mm	6.90	8.25	5	6.38		9.69	HDM4
M5-0.8	76364	3720-5.00HD	M10-1.25	10mm	8.80	10.25	5	6.12		9.00	3600-190T
M6-1.0	76365	3720-6.00HD	M12-1.25	12mm	10.80	12.25	5	6.42		8.68	3600-250T
M8-1.25	76366	3720-8.00HD	M14-1.5	14mm	12.80	14.25	5	6.66		9.75	3600-312T
M10-1.5	76367	3720-10.00HD	M16-1.5	16mm	14.75	16.25	5	7.46		9.75	3600-375T
M12-1.75	76369	3720-12.00HD	M18-1.5	18mm	16.75	18.25	5	8.52		10.75	3600-500T

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## ASSORTMENT KITS

### SMALL ASSORTMENTS

#### Heavy Duty - Inch Coarse Series

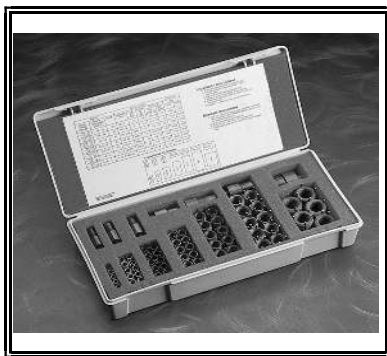
Internal Thread Size Class 2B	External Thread / Tap Size	Insert Length	Quantity of Inserts per Kit	Net Each
10-24	3/8-16	.31	5	
1/4-20	7/16-14	.37	10	
5/16-18	1/2-13	.43	10	
3/8-16	9/16-12	.50	10	
1/2-13	3/4-16	.62	10	
5/8-11	7/8-14	.87	10	
3/4-10	1 1/8-12	1.12	5	

Carbon Steel Kit P/N 74951 **235.00**  
 Stainless Steel Kit P/N 74961 **505.00**

#### Lightweight - Metric Series

Internal Thread Size Class 6H	External Thread / Tap Size	Insert Length	Quantity of Inserts per Kit	Net Each
M5-.8	M8-1.25	8.00	8	
M6-1.0	M10-1.25	10.00	8	
M8-1.25	M12-1.25	12.00	6	
M8-1.0			6	
M10-1.5	M14-1.5	14.00	4	
M10-1.25			4	
M12-1.75			3	
M12-1.25	M16-1,5	16.00	3	

Carbon Steel Kit P/N 74983 **258.00**  
 Stainless Steel Kit P/N 74993 **478.00**



Each Assortment Kit contains a selection of various size inserts and the proper *installation tools*. Instructions for installation and removal are also included. Assortment Kits provide convenient storage and easy access to the various inserts and tools.

### LARGE ASSORTMENTS

#### Lightweight - Inch Coarse Series

Internal Thread Size Class 2B	External Thread / Tap Size	Insert Length	Quantity of Inserts per Kit	Net Each
10-24	5/16-18	.31	20	
1/4-20	3/8-16	.37	20	
5/16-18	7/16-14	.43	15	
3/8-16	1/2-13	.50	10	
7/16-14	9/16-12	.56	10	
1/2-13	5/8-11	.62	6	

Carbon Steel Kit P/N 74943 **197.00**  
 Stainless Steel Kit P/N 74963 **447.00**

#### Lightweight - Metric Series

Internal Thread Size Class 6H	External Thread / Tap Size	Insert Length	Quantity of Inserts per Kit	Net Each
M5-.8	M8-1.25	8.00	8	
M6-1.0	M10-1.25	10.00	8	
M8-1.25	M12-1.25	12.00	6	
M8-1.0			6	
M10-1.5	M14-1.5	14.00	4	
M10-1.25			4	
M12-1.75			3	
M12-1.25	M16-1,5	16.00	3	

Carbon Steel Kit P/N 74945 **331.00**  
 Stainless Steel Kit P/N 74965 **891.00**

#### Heavy Duty - Inch Coarse Series

Internal Thread Size Class 2B	External Thread / Tap Size	Insert Length	Quantity of Inserts per Kit	Net Each
1/4-20	7/16-14	.43	20	
5/16-18	1/2-13	.50	15	
3/8-16	9/16-12	.62	10	
7/16-14	5/8-11	.62	10	
1/2-13	3/4-16	.62	6	
9/16-12	3/4-16	.81	5	
5/8-11	7/8-14	.87	3	
3/4-10	1 1/8-12	1.12	3	
7/8-9	1 1/4-12	1.25	3	
1-8	1 3/8-12	1.37	2	

Carbon Steel Kit P/N 74941 **314.00**  
 Stainless Steel Kit P/N 74966 **676.00**