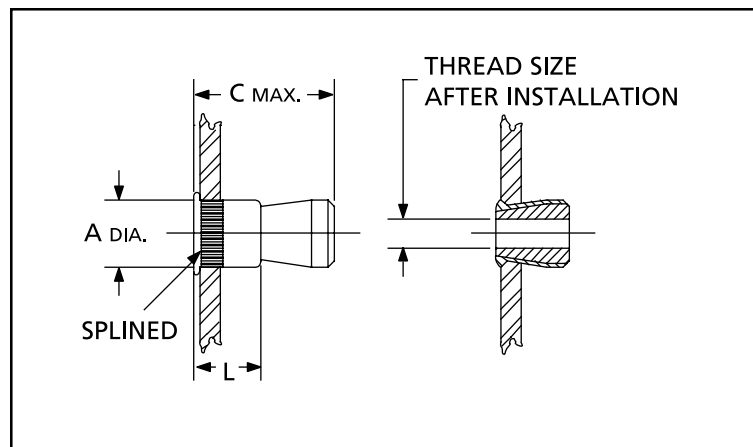


*Provides captive threads in any material thickness greater than .030", up to and including blind holes.*

## **Benefits:**



- **Reduced Assembly Costs**  
Installed from one side of the workpiece.
- **Not Grip Sensitive**  
Can be used in any material thickness greater than .030".
- **Permanent**  
Radial expansion of Nutsert® provides 360° contact with parent material.
- **Portability**  
Allows installation anywhere and at any time in the assembly process.
- **Rear Protrusion**  
Reduced rear-sheet protrusion.



**Splined Body**

Material	Alloy	Finish
Carbon Steel	12L14-T	Cadmium Plate

Series 09506								
Thread Size	Part Number	A	L	C	*Recommend Hole Size			
					Material Thickness	Material Thickness	Material Thickness	Material Thickness
					.030-.090 (0,76-2,29)	.091-.124 (2,31-3,15)	.125-.186 (3,18-4,72)	.187-OVER (4,75-OVER)
1/4-28 UNF	09506-00800	.3699-.3749 (9,40-9,52)	.252-.262 (6,40-6,65)	.525 (13,34)	.375 (9,53)	.375 (9,53)	.386 (9,80)	.3906 (9,92)
5/16-24 UNF	09506-01000	.4949-.4999 (12,57-12,70)	.302-.312 (7,67-7,92)	.625 (15,88)	.500 (12,70)	.500 (12,70)	.5156 (13,10)	.5156 (13,10)

Series 09507								
Thread Size	Part Number	A	L	C	*Recommend Hole Size			
					Material Thickness	Material Thickness	Material Thickness	Material Thickness
					.030-.090 (0,76-2,29)	.091-.124 (2,31-3,15)	.125-.186 (3,18-4,72)	.187-OVER (4,75-OVER)
10-32 UNF	09507-01000	.2760-.2810 (7,01-7,14)	.180-.190 (4,57-4,83)	.385 (9,78)	.2812 (7,14)	.2900 (7,37)	.2968 (7,54)	.2968 (7,54)

Series 09504								
Thread Size	Part Number	A	L	C	*Recommend Hole Size			
					Material Thickness	Material Thickness	Material Thickness	Material Thickness
					.030-.090 (0,76-2,29)	.091-.124 (2,31-3,15)	.125-.186 (3,18-4,72)	.187-OVER (4,75-OVER)
1/4-20 UNC	09504-00800	.3699-.3749 (9,40-9,52)	.252-.262 (6,40-6,65)	.525 (13,34)	.375 (9,53)	.375 (9,53)	.386 (9,80)	.3906 (9,92)
5/16-18 UNC	09504-01000	.4949-.4999 (12,57-12,70)	.302-.312 (7,67-7,92)	.625 (15,88)	.500 (12,70)	.500 (12,70)	.5156 (13,10)	.5156 (13,10)

**\*DEPENDENT ON MATERIAL THICKNESS AND APPLICATION**

**Notes:**

Fasteners may not perform properly if altered from the manufacturer’s as-shipped condition or installed in conditions other than specified herein.

All dimension shown in parenthesis (e.g., (12,67)) are millimeters, unless otherwise indicated.

### Splined Body

Material	Alloy	Finish
Carbon Steel	12L14-T	Cadmium Plate

Series 09505								
Thread Size	Part Number	A	L	C	*Recommend Hole Size			
					Material Thickness	Material Thickness	Material Thickness	Material Thickness
					.030-.090 (0,76-2,29)	.091-.124 (2,31-3,15)	.125-.186 (3,18-4,72)	.187-OVER (4,75-OVER)
4-40 UNC	09505-00400	.1820-.1870 (4,63-4,75)	.180-.190 (4,57-4,83)	.385 (9,78)	.1875 (4,76)	.1935 (4,91)	.1935 (4,91)	.1935 (4,91)
6-32 UNC	09505-00600	.2136-.2186 (5,42-5,55)	.180-.190 (4,57-4,83)	.385 (9,78)	.2187 (5,55)	.2210 (5,61)	.2280 (5,79)	.2280 (5,79)
8-32 UNC	09505-00800	.2449-.2499 (6,20-6,35)	.180-.190 (4,57-4,83)	.385 (9,78)	.2500 (6,35)	.2570 (6,53)	.2656 (6,75)	.2656 (6,75)
10-24 UNC	09505-01000	.2760-.2810 (7,01-7,14)	.180-.190 (4,57-4,83)	.385 (9,78)	.2812 (7,14)	.2900 (7,37)	.2968 (7,54)	.2968 (7,54)

Series 09508								
Thread Size	Part Number	A	L	C	*Recommend Hole Size			
					Material Thickness	Material Thickness	Material Thickness	Material Thickness
					.030-.090 (0,76-2,29)	.091-.124 (2,31-3,15)	.125-.186 (3,18-4,72)	.187-OVER (4,75-OVER)
M3 X 0,5	09508-00300	.1820-.1870 (4,63-4,75)	.180-.190 (4,57-4,83)	.385 (9,78)	.1875 (4,76)	.1935 (4,91)	.1935 (4,91)	.1935 (4,91)
M4 X 0,7	09508-00400	.2449-.2499 (6,20-6,35)	.180-.190 (4,57-4,83)	.385 (9,78)	.2500 (6,35)	.2570 (6,53)	.2656 (6,75)	.2656 (6,75)
M5 X 0,8	09508-00500	.2760-.2810 (7,01-7,14)	.180-.190 (4,57-4,83)	.385 (9,78)	.2812 (7,14)	.2900 (7,37)	.2968 (7,54)	.2968 (7,54)
M6 X 1,0	09508-00600	.3699-.3749 (9,40-9,52)	.252-.262 (6,40-6,65)	.525 (13,34)	.3750 (9,53)	.3750 (9,53)	.3860 (9,80)	.3906 (9,92)
M8 X 1,25	09508-00800	.4949-.4999 (12,57-12,70)	.302-.312 (7,68-7,94)	.625 (15,88)	.5000 (12,70)	.5000 (12,70)	.5156 (13,10)	.5156 (13,10)
M10 X 1,5	09508-01000	.5572-.5622 (14,15-14,28)	.365-.375 (9,27-9,52)	.750 (19,05)	.5625 (14,29)	.5625 (14,29)	.5625 (14,29)	.5781 (14,68)

**\*DEPENDENT ON MATERIAL THICKNESS AND APPLICATION**

**Notes:**

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All dimension shown in parenthesis (e.g., (12,67)) are millimeters, unless otherwise indicated.

