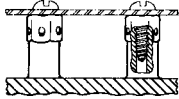




STEEL (With protective finish)

INCH SIZES

These distinctive fasteners, with a single helical thread, slip over hollow plastic bosses and prevent splitting when screws are driven. They also prevent cross-threading, and resist screw pull-out, yet screws may be removed without harming the fasteners or the boss. On-sert fasteners thus perform the same function as solid inserts, but cost only about one-fifth as much. One type is used when screws enter the top of a boss, while another type is used when screws enter the bottom of the boss.



On-Serts® They fit "ON THE BOSS"

UNIT PACKAGE 100 - ALL ON-SERTS

Design 1 Screw enters through top of boss	Thread Size	(see Note 1) SPAENAUR No.	ON-SERT FASTENERS				PLASTIC BOSS			SPAENAUR No. Applicator Tool (see Note 3)
			Design	Height H (In.)	Dia. D (In.)	Weight Lbs./M Pieces	O.D. (In.)	I.D. (In.) (see Note 2)	Min. Dia. of Ctsk. C (In.)	
Design 2 Screw enters through bottom of boss	4-40	628-001	1	.220	.284	1.0	.247-.253	.096-.100	.180	876-278
	6-20 & 6-18	628-003	1	.230	.354	1.5	.309-.315	.130-.140	.180	876-279
	6-32	628-004	1	.230	.354	1.4		.116-.120	.250	876-280
	8-18 & 8-15	628-005	1	.230	.354	1.4		.116-.120	.250	876-280
	8-18 & 8-15	628-006	1	.230	.328	1.3	.279-.285	.140-.144	.290	876-281
	8-18 & 8-15	628-007	1	.260	.544	3.5	.497-.503	.140-.144	.290	876-284
	8-18 & 8-15	628-008	1	.254	.556	3.0	.509-.515	.140-.144	.290	876-285
	8-18 & 8-15	628-009	1	.220	.422	1.9	.372-.378	.140-.144	.290	876-282
		628-010	2	.280	.422	1.9		.185-.250	none	876-286
	8-32	628-011	1	.220	.422	1.9		.140-.144	.290	876-283
		628-012	2	.270	.422	1.9	.185-.250	none	876-286	
10-12 & 10-16	628-013	1	.230	.422	1.8		.160-.164	.290	876-282	

EXAMPLE	Screw Size (driven to 5/16" penetration)	Hole Size (I.D.) (In.)	On-Sert Fastener	High Impact Styrene		Polycarbonate		ABS		Acetal			
				Maximum Torque (In.Lbs.)	Average Pull-out (Lbs.)	Maximum Torque (In.Lbs.)	Average Pull-out (Lbs.)	Maximum Torque (In.Lbs.)	Average Pull-out (Lbs.)	Maximum Torque (In.Lbs.)	Average Pull-out (Lbs.)		
45 x .030" CHAMFER PLASTIC BOSS I.D. O.D.	8-18	.142	none	10	150	10	162	15	375	25	530		
		inter. fit	628-009	27	280	30	370	33	438	53	680		
		.250	none	Assembly not possible									
		clear fit	628-009	15	118	20	129	15	68	15	107		

NOTE 1. The thread form of Parts 628-001, 628-011, and 628-012 is designed to accept either a machine screw or Type F Tapping Screw of the thread size designated. Each of the other parts accommodates a Tapping Screw of the size indicated.

NOTE 2. For maximum screw pull-out resistance with Design 1 parts, the boss I.D. should be as specified above to provide an interference fit with the screw. On-sert fasteners can also be used where the screw clears the I.D. of the boss, but this arrangement reduces resistance to screw pull-out.

NOTE 3. Design 2 parts should always be installed with the appropriate applicator tool which is designed to protect the projecting thread form from deformation by pressure or a direct blow. Although Design 1 parts may be installed by tapping directly on the top of the fasteners with a hammer, the magnetized applicator tool facilitates handling and positioning.

On-Sert® Fastener



ASSORTMENT ASSORTMENT
805-492

12 sizes - 800 pcs.
(As listed above.)

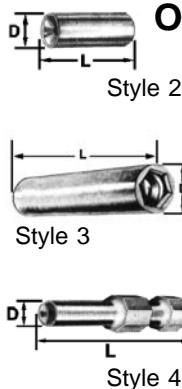
Ideal for prototype work

Shipping Weight
2.49 kg. (5-1/2 lbs.)

Priced Singly

Regular size grey enameled Steel Drawer fits Slide Racks shown on page A2.

On-Sert® APPLICATOR TOOLS



SPAENAUR No. Fastener	SPAENAUR No. Tool	Style No.	Overall Length L	Bolt Clearance Depth	Dia. D
628-001	876-279	4	3"	1/2"	
628-003	876-280	2	3"	1/2"	
628-004	876-280	2	3"	1/2"	
628-005	876-281	4	3"	1/2"	
628-006	876-280	2	3"	1/2"	
628-007	876-284	2	3"	3/4"	
628-008	876-285	4	3"	3/4"	
628-009	876-282	2	3"	5/8"	
628-010	876-286	3	1-13/16"	1-1/4"	.615"
628-011	876-283	4	3"	N/A	5/8"
628-012	876-286	3	1-13/16"	1-1/4"	.615"
628-013	876-282	2	3"	N/A	5/8"

Tools Priced Singly.

CATALOG 13