

MATERIAL

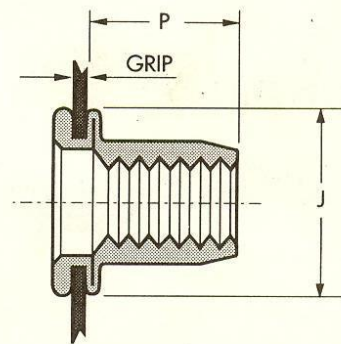
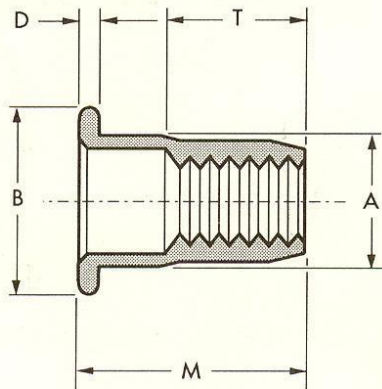
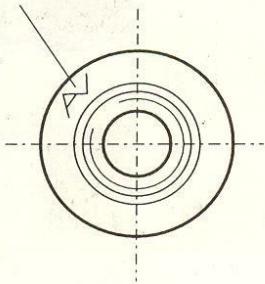
 Low carbon steel
to B.S.970-040 A04

FINISH

 Zinc plated to B.S. 3382 and
gold passivated to B.S. 6338

LARGE FLANGE EUROSERT

9418 series

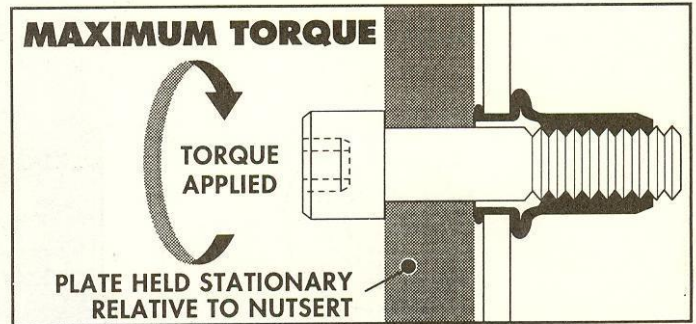
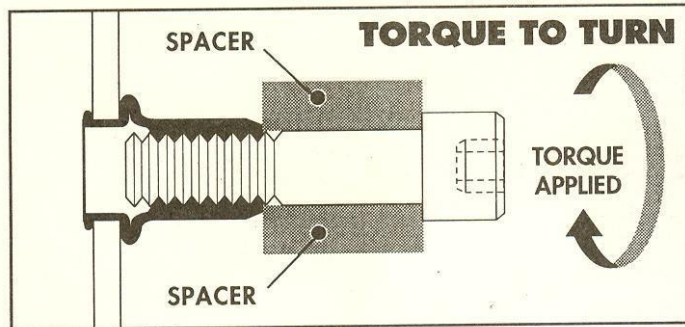
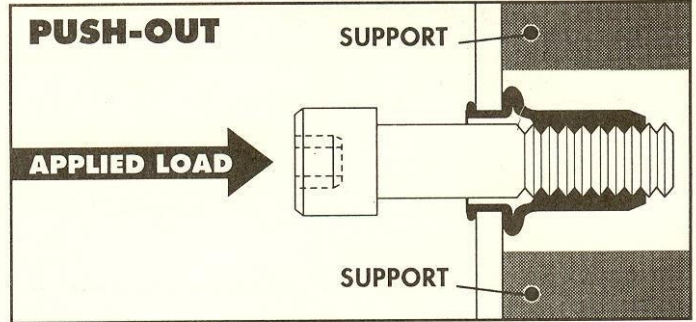
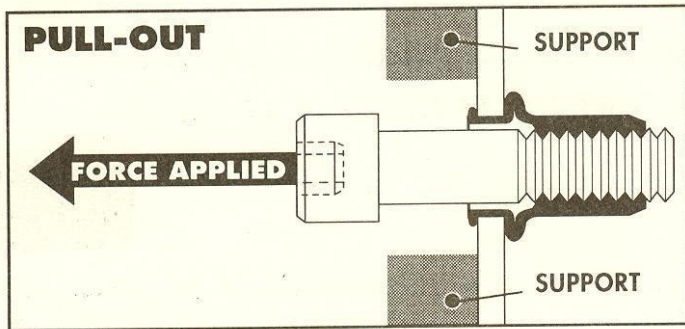

 Manufacturer's
Identification
Mark

METRIC DATA

Thread Type & Size	Part N ^o	Grip Range min./max.	Hole Size	A max.	B min./max.	D ±0.13	J max.		M nom.	P max.	T nom.
							min. grip	max. grip			
M3 x 0.5	09418-02314	0.25/2.0	5.0	4.95	7.80/8.20	0.75	7.4	6.7	10.5	6.0	5.4
M4 x 0.7	09418-02415	0.25/3.0	6.0	5.95	8.80/9.20	0.75	8.8	7.6	11.5	7.1	5.9
M5 x 0.8	09418-02517	0.25/3.0	7.0	6.95	9.80/10.20	1.00	10.2	8.9	13.0	7.9	6.8
M6 x 1.0	09418-02621	0.5/3.0	9.0	8.95	12.80/13.20	1.50	12.7	11.4	16.0	9.4	8.4
M8 x 1.25	09418-02822	0.5/3.0	11.0	10.95	15.60/16.40	1.50	15.0	13.2	17.5	11.0	10.2
M8 x 1.25	09418-02825	3.0/5.5	11.0	10.95	15.60/16.40	1.50	15.0	13.2	20.0	11.0	10.2
M10 x 1.5	09418-02028	0.5/3.5	13.0	12.95	18.10/18.90	2.25	17.5	15.5	22.0	14.5	13.0

The above threaded inserts are unlubricated and ready for use as supplied.
THEY SHALL NOT BE RE-PROCESSED PRIOR TO INSTALLATION AS THIS MAY AFFECT PERFORMANCE.

Unlubricated inserts MUST be placed with one of the following spin-pull tools or machine : 07555, 74200, 74401 or Hydra 3000.

PERFORMANCE DATA



The diagrams above illustrate the nature of the tests conducted to obtain typical strength figures below.

METRIC DATA

Thread Type & Size	Pull Out	Push Out	Torque to turn	Maximum Torque to be applied to bolt
	N	N	Nm	Nm*
M3 x 0.5	4250	1870	0.8	1.5
M4 x 0.7	5560	2900	1.5	5.1
M5 x 0.8	8000	4230	3.0	7.9
M6 x 1.0	10800	6500	3.4	12.4
M8 x 1.25	12500	7900	5.6	16.4
M10 x 1.5	17300	10700	13.8	33.9

* The hole clearance in the top sheet should not exceed the diameter of the bolt to be inserted by more than 0.5mm.

STORAGE

Fasteners should be stored in a dry area at normal room temperature avoiding conditions of excessive humidity.