

Metric

Métrique

Double Ended Studs / Studs

Goujons à double extrémité / Goujons

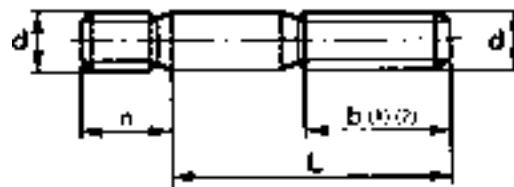
DIN 939

**Property Class
5.8 Steel
Plain Finish**

Metric



End "n" approximately 1.25 x diameter.
Overall length = "L" plus "n".



All dimensions in millimetres.

d	M6	M8	M10	M12	M16	M20	M24
PITCH	1.00	1.25	1.50	1.75	2.00	2.50	3.00
Note b(1)	18	22	26	30	38	46	54
below b(2)	24	28	32	36	44	52	60
n	7.5	10	12	15	20	25	30
x1	2.5	3.2	3.8	4.3	5.0	6.3	7.5
(L) 16 Length	616-013	616-026					
18		616-027					
20	616-014	616-028	616-040	616-061			
25	616-015	616-029	616-039	616-062			
30	616-016	616-008	616-038	616-063			
35	616-017	616-030	616-037	616-064	616-078		
40	616-018	616-031	616-036	616-065	616-009		
45	616-019	616-032	616-048	616-066	616-079	616-010	
50	616-020	616-033	616-049	616-067	616-080	616-091	616-102
55		616-034	616-050	616-068	616-081	616-092	616-103
60	616-021	616-035	616-051	616-069	616-012	616-093	616-104
65		616-046	616-052	616-070	616-082	616-094	616-105
70		616-045	616-053	616-071	616-083	616-095	616-106
75		616-044					
80	616-023	616-043	616-054	616-072	616-084	616-011	616-107
90		616-042	616-055	616-073	616-085	616-096	616-108
100		616-041	616-056	616-074	616-086	616-097	616-109
110			616-057	616-075	616-087	616-098	
120			616-058	616-076	616-088	616-099	
150						616-101	616-111

Note: b(1) For lengths (L) up to 125 mm
b(2) For lengths (L) from 125 to 200 mm

Studs of sizes above the heavy line in chart cannot be manufactured with a nut end thread length, b, as specified in the table. In such cases, b will be approximately equal to L - (x1 + 3).

DIN 939

Metric
Property Class 8.8 Steel
Plain Finish

SPAENAUR No.	Dia. x Pitch	(L) Lgth.
616-112	M8 x 1.25	45mm
616-113	M8 x 1.25	50mm
616-006YZ (Yellow Zinc)	M10 x 1.50	100mm
616-114	M12 x 1.75	25mm

Metric

A2 Stainless Steel

616-805	M8 x 1.25	35mm
616-800	M8 x 1.25	50mm

DIN 938

Metric
Steel - Plain Finishes
End "n" approximately 1 x diameter

616-115	M8 x 1.25	30mm
616-116	M12 x 1.75	120mm
616-117ZP (Zinc Plated)	M16 x 2.00	40mm
616-118YZ (Yellow Zinc)	M10 x 1.50	100mm
616-119YZ (Yellow Zinc)	M20 x 2.50	60mm

DIN 835

Metric Property Class 8.8 Steel
Plain Finish
End "n" approximately 2 x diameter

SPAENAUR No.	Dia. x Pitch	(L) Lgth.	O/A Length
616-002	M10 x 1.50	130mm	150mm
616-003	M12 x 1.75	70mm	94mm
616-002YZ (Yellow Zinc)	M10 x 1.50	130mm	150mm
616-001YZ (Yellow Zinc)	M10 x 1.50	210mm	230mm
616-127 Property Class 5.8	M14 x 2.00	90mm	118mm

DIN 976-2

Metric Threaded Pins
Free-cutting Steel



Threaded full Length
Coarse Thread Chamfered both ends.

SPAENAUR No.	Dia. x Pitch	Length	Finish
616-121	M10 x 1.50	25mm	Plain
616-121YZ	M10 x 1.50	25mm	Yellow Zinc
616-121ZP	M10 x 1.50	25mm	Zinc Plated
616-804ZP	M10 x 1.50	40mm	Zinc Plated

Contact Sales Desk For Package Quantities