

Metric

Métrique

Double Ended Studs / Studs

Goujons à double extrémité / Goujons

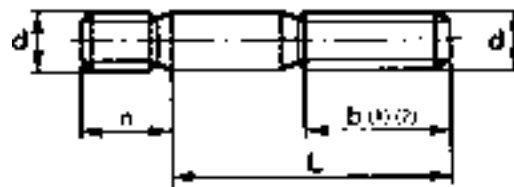
**DIN 939**

**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
<b>PITCH</b>	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
<b>n</b>	7.5	10	12	15	20	25	30
<b>x1</b>	2.5	3.2	3.8	4.3	5.0	6.3	7.5
(L) 16 Length	<b>616-013</b>	<b>616-026</b>					
18		<b>616-027</b>					
20	<b>616-014</b>	<b>616-028</b>	<b>616-040</b>	<b>616-061</b>			
25	<b>616-015</b>	<b>616-029</b>	<b>616-039</b>	<b>616-062</b>			
30	<b>616-016</b>	<b>616-008</b>	<b>616-038</b>	<b>616-063</b>			
35	<b>616-017</b>	<b>616-030</b>	<b>616-037</b>	<b>616-064</b>	<b>616-078</b>		
40	<b>616-018</b>	<b>616-031</b>	<b>616-036</b>	<b>616-065</b>	<b>616-009</b>		
45	<b>616-019</b>	<b>616-032</b>	<b>616-048</b>	<b>616-066</b>	<b>616-079</b>	<b>616-010</b>	
50	<b>616-020</b>	<b>616-033</b>	<b>616-049</b>	<b>616-067</b>	<b>616-080</b>	<b>616-091</b>	<b>616-102</b>
55		<b>616-034</b>	<b>616-050</b>	<b>616-068</b>	<b>616-081</b>	<b>616-092</b>	<b>616-103</b>
60	<b>616-021</b>	<b>616-035</b>	<b>616-051</b>	<b>616-069</b>	<b>616-012</b>	<b>616-093</b>	<b>616-104</b>
65		<b>616-046</b>	<b>616-052</b>	<b>616-070</b>	<b>616-082</b>	<b>616-094</b>	<b>616-105</b>
70		<b>616-045</b>	<b>616-053</b>	<b>616-071</b>	<b>616-083</b>	<b>616-095</b>	<b>616-106</b>
75		<b>616-044</b>					
80	<b>616-023</b>	<b>616-043</b>	<b>616-054</b>	<b>616-072</b>	<b>616-084</b>	<b>616-011</b>	<b>616-107</b>
90		<b>616-042</b>	<b>616-055</b>	<b>616-073</b>	<b>616-085</b>	<b>616-096</b>	<b>616-108</b>
100		<b>616-041</b>	<b>616-056</b>	<b>616-074</b>	<b>616-086</b>	<b>616-097</b>	<b>616-109</b>
110			<b>616-057</b>	<b>616-075</b>	<b>616-087</b>	<b>616-098</b>	
120			<b>616-058</b>	<b>616-076</b>	<b>616-088</b>	<b>616-099</b>	
150						<b>616-101</b>	<b>616-111</b>

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  
Chamfered both ends.

**Coarse Thread**

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