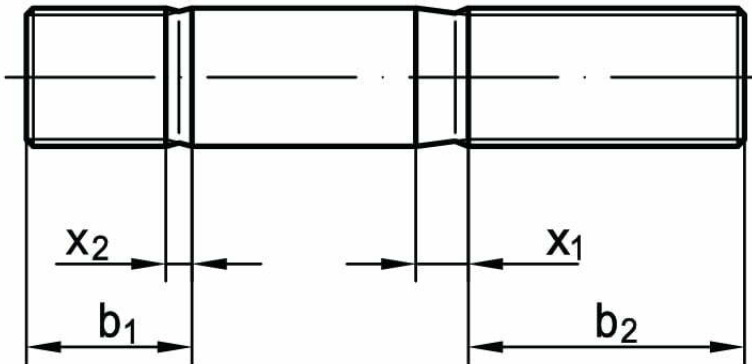
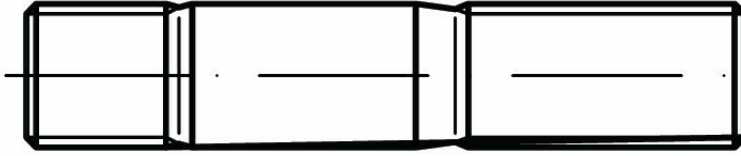




Stud bolts with threaded end, length $\sim 1,25 d$ DIN 939



STANDARD	MATERIAL	CLASS	COATING
DIN 939 PN 82131	seel A2 A4	5.6 5.8 8.8 10.9	galvanized zinc thermo-diffusion zinc coating

d	M5	M6	M8	M10	M12	M14	M16	M18
b_1	6,5	7,5	10	12	15	18	20	22
x_1	2	2,5	3,2	3,8	4,3	5,0	5,0	6,3
x_2	1,0	1,25	1,6	1,9	2,2	2,5	2,5	3,2
$b_2 \leq 125$	16	18	22	26	30	34	38	42
$b_2 \leq 125$ & $l \leq 200$	22	24	28	32	36	40	44	48
$b_2 > 200$	–	–	–	45	49	53	57	61

d	M20	M22	M24	M27	M30	M33	M36	
b_1	25	28	30	35	38	42	45	
x_1	6,3	6,3	7,5	7,5	9,0	9,0	10,0	
x_2	3,2	3,2	3,8	3,8	4,5	4,5	5,0	
$b_2 \leq 125$	46	50	54	60	66	72	78	
$b_2 \leq 125$ & $l \leq 200$	53	56	60	66	72	78	84	
$b_2 > 200$	65	69	73	79	85	91	97	