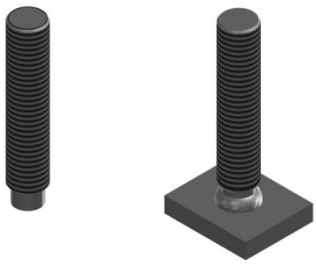
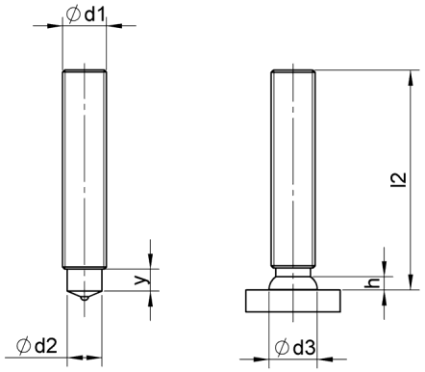
1.3 Threaded stud with reduced shaft (type RD acc. to DIN EN ISO 13918)



before welding / after welding



before welding / after welding

The threaded stud type RD is threaded almost to the top of the welding tip which is reduced to about the core diameter of the thread. Thus the fillet diameter will only be slightly (0,5-1 mm) bigger than the external diameter of the thread. It is worthy of note that the reduction of the welding tip diminishes the bearing force of the stud by approximately 15% in comparison to the type MPF/PD/FD. Thus - if necessary - the next bigger diameter should be chosen.

Dimensions					
d_1	l_2	y^1 -0/2P²	d_2	d_3*	h*
M6	15-100	4	4,7	7	2,5
M8	15-100	4	6,2	9	2,5
M10	15-100	5	7,9	11,5	3
M12	20-100	6	9,5	13,5	4
M16	25-100	7,5	13,2	16,8	5
M16	25-100	11	13,2	16,1	5
M20	30-100	13	16,5	23	6
M24	50-100	15	20	28	7

[1]Other y-dimensions available upon request.

[2]P = thread pitch acc. to DIN 13-1

[3]for l_2 < 20 mm

*d_3 and h are approximate values.