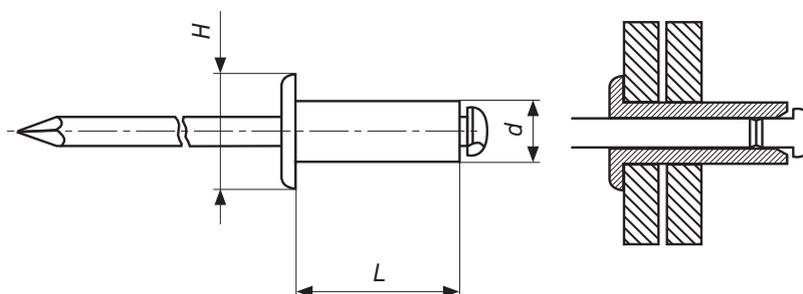


# STEEL / STEEL BLIND RIVETS

ISO UNI DIN  
- 9200A 7337A



## MATERIAL

ZINC PLATED STEEL / ZINC PLATED STEEL

## MECHANICAL PROPERTIES

ACCORDING TO DIN 7337 UNI 9200

## TOLLERANCES

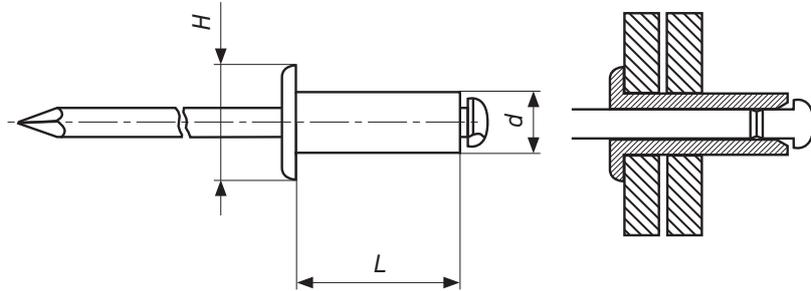
ACCORDING TO DIN 7337 UNI 9200

d	foro hole	L	H	spessore thickness	sforzo a taglio / N		sforzo a trazione / N	
								
3	3,1	6	6,5	2.0 - 3.0	1100	1200		
		7	6,5	3.0 - 4.0	1100	1200		
		8	6,5	4.0 - 5.0	1100	1200		
		9	6,5	5.0 - 6.0	1100	1200		
		10	6,5	6.0 - 7.0	1100	1200		
		11	6,5	7.0 - 8.0	1100	1200		
3,2	3,3	6	6,5	2.0 - 3.0	1300	1650		
		7	6,5	3.0 - 4.0	1300	1650		
		8	6,5	4.0 - 5.0	1300	1650		
		9	6,5	5.0 - 6.0	1300	1650		
		10	6,5	6.0 - 7.0	1300	1650		
		11	6,5	7.0 - 8.0	1300	1650		
4	4,1	6	8	0.5 - 2.5	2000	2300		
		7	8	2.5 - 3.5	2000	2300		
		8	8	3.5 - 4.5	2000	2300		
		9	8	4.5 - 5.5	2000	2300		
		10	8	5.5 - 6.5	2000	2300		
		11	8	6.5 - 7.5	2000	2300		
		12	8	7.5 - 8.5	2000	2300		
		14	8	8.5 - 10.0	2000	2300		
		16	8	10.0 - 12.0	2000	2300		
		18	8	12.0 - 14.0	2000	2300		
		20	8	14.0 - 16.0	2000	2300		
		24	8	16.0 - 21.0	2000	2300		
30	8	21.0 - 25.0	2000	2300				

d	foro hole	L	H	spessore thickness	sforzo a taglio / N		sforzo a trazione / N	
								
4,8	5	6	9,5	0.5 - 2.5	3000	3700		
		7	9,5	2.5 - 3.5	3000	3700		
		8	9,5	3.5 - 4.5	3000	3700		
		9	9,5	4.5 - 5.5	3000	3700		
		10	9,5	5.5 - 6.5	3000	3700		
		11	9,5	6.5 - 7.5	3000	3700		
		12	9,5	7.5 - 8.5	3000	3700		
		14	9,5	8.5 - 10.0	3000	3700		
		16	9,5	10.0 - 12.0	3000	3700		
		18	9,5	12.0 - 14.0	3000	3700		
		20	9,5	14.0 - 16.0	3000	3700		
		24	9,5	16.0 - 21.0	3000	3700		
6	6,1	12	13	6.0 - 8.0	5000	5500		
		14	13	8.0 - 9.5	5000	5500		
		15	13	9.5 - 11.0	5000	5500		
		18	13	11.0 - 13.0	5000	5500		
		22	13	13.0 - 16.0	5000	5500		
		26	13	16.0 - 19.0	5000	5500		
6,4	6,5	12	13	4.5 - 6.5	5600	5700		
		15	13	6.5 - 8.5	5600	5700		
		18	13	10.5 - 12.5	5600	5700		
		22	13	14.5 - 16.5	5600	5700		
		26	13	16.5 - 19.5	5600	5700		
		30	13	20.0 - 25.0	5600	5700		

# STAINLESS STEEL BLIND RIVETS

ISO UNI DIN  
- 9200A 7337A



## MATERIAL

STAINLESS STEEL A2 / STAINLESS STEEL A2

## MECHANICAL PROPERTIES

ACCORDING TO DIN 7337 UNI 9200

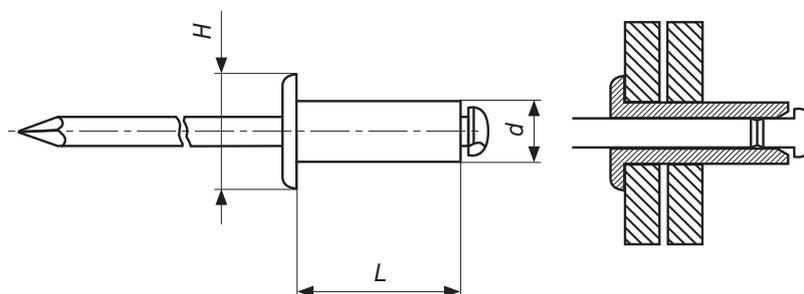
## TOLLERANCES

ACCORDING TO DIN 7337 UNI 9200

d	foro hole	L	H	spessore thickness	sfuerzo a		d	foro hole	L	H	spessore thickness	sfuerzo a	
					taglio cut / N	trazione traction / N						taglio cut / N	trazione traction / N
3	3,1	6	6,5	1.0 - 3.0	2000	2300	4,8	5	6	9,5	1.0 - 2.0	5000	6500
		8	6,5	3.0 - 5.0	2000	2300			7	9,5	2.0 - 3.0	5000	6500
		10	6,5	5.0 - 7.0	2000	2300			8	9,5	3.0 - 4.0	5000	6500
		11	6,5	7.0 - 8.0	2000	2300			9	9,5	4.0 - 5.0	5000	6500
		12	6,5	8.0 - 9.0	2000	2300			10	9,5	5.0 - 6.0	5000	6500
		14	6,5	9.0 - 11.0	2000	2300			11	9,5	6.0 - 7.0	5000	6500
		16	6,5	11.0 - 13.0	2000	2300			12	9,5	7.0 - 8.0	5000	6500
		18	6,5	13.0 - 15.0	2000	2300			14	9,5	8.0 - 9.5	5000	6500
		3,2	3,3	5	6,5	1.0 - 2.0			2700	3000	16	9,5	9.5 - 11.0
6	6,5			2.0 - 3.0	2700	3000			18	9,5	11.0 - 13.0	5000	6500
7	6,5			3.0 - 4.0	2700	3000			20	9,5	13.0 - 15.0	5000	6500
8	6,5			4.0 - 5.0	2700	3000			22	9,5	15.0 - 17.0	5000	6500
9	6,5			5.0 - 6.0	2700	3000			24	9,5	17.0 - 19.0	5000	6500
10	6,5			6.0 - 7.0	2700	3000			26	9,5	19.0 - 21.0	5000	6500
11	6,5			7.0 - 8.0	2700	3000			28	9,5	21.0 - 23.0	5000	6500
12	6,5			8.0 - 9.0	2700	3000			30	9,5	23.0 - 25.0	5000	6500
14	6,5			9.0 - 11.0	2700	3000							
4	4,1	6	8	1.0 - 2.0	4000	4500							
		7	8	2.0 - 3.0	4000	4500							
		8	8	2.5 - 4.0	4000	4500							
		9	8	4.0 - 5.0	4000	4500							
		10	8	5.0 - 6.0	4000	4500							
		11	8	6.0 - 7.0	4000	4500							
		12	8	7.0 - 8.5	4000	4500							
		14	8	8.5 - 10.0	4000	4500							
		16	8	10.5 - 12.0	4000	4500							
		18	8	12.0 - 14.0	4000	4500							
		20	8	14.0 - 16.0	4000	4500							
		22	8	16.0 - 18.0	4000	4500							
		24	8	18.0 - 20.0	4000	4500							
		26	8	20.0 - 22.0	4000	4500							
		28	8	22.0 - 24.0	4000	4500							
30	8	24.0 - 26.0	4000	4500									

# ALUMINIUM / STEEL BLIND RIVETS

ISO UNI DIN  
- 9200A 7337A



## MATERIAL

ZINC PLATED STEEL / ALUMINIUM

## MECHANICAL PROPERTIES

ACCORDING TO DIN 7337 UNI 9200

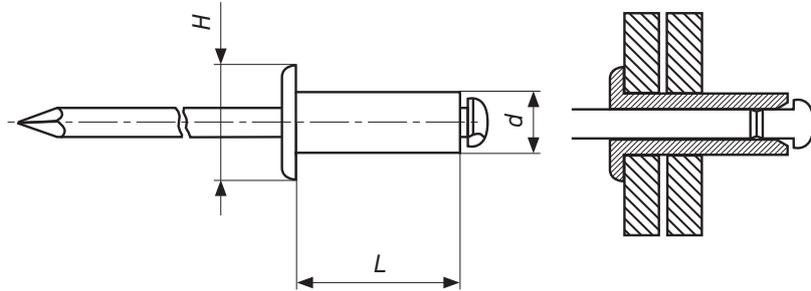
## TOLLERANCES

ACCORDING TO DIN 7337 UNI 9200

d	foro hole	L	H	spessore thickness	sforzo a taglio / N		sforzo a trazione / N						
					cut / N		traction / N						
2,4	2,5	6	5	2.5 - 3.5	350	450	4	4,1	11	8	6.5 - 7.5	1400	2000
		8	5	3.5 - 6.0	350	450			12	8	7.5 - 8.5	1400	2000
		10	5	6.0 - 6.8	350	450			14	8	8.5 - 10.5	1400	2000
		12	5	7.0 - 8.0	350	450			16	8	10.5 - 12.5	1400	2000
		18	8	12.5 - 14.5	1400	2000			20	8	14.5 - 16.5	1400	2000
3	3,1	5	6,5	0.5 - 2.5	800	900	4,8	5	22	8	16.5 - 17.5	1400	2000
		6	6,5	2.5 - 3.5	800	900			24	8	17.5 - 18.5	1400	2000
		7	6,5	3.5 - 4.5	800	900			26	8	18.5 - 21.5	1400	2000
		8	6,5	4.5 - 5.5	800	900			28	8	21.5 - 23	1400	2000
		9	6,5	5.5 - 6.5	800	900			30	8	23.0 - 26.0	1400	2000
		10	6,5	7.0 - 8.0	800	900			6	9,5	0.5 - 2.5	2000	2700
		11	6,5	7.0 - 8.0	800	900			7	9,5	2.5 - 3.5	2000	2700
		12	6,5	8.0 - 9.0	800	900			8	9,5	3.5 - 4.0	2000	2700
		14	6,5	9.0 - 11.0	800	900			9	9,5	4.0 - 5.0	2000	2700
		16	6,5	11.0 - 13.0	800	900			10	9,5	5.0 - 6.0	2000	2700
3,2	3,3	5	6,5	0.5 - 1.5	800	950	6	6,1	11	9,5	6.0 - 7.0	2000	2700
		6	6,5	1.5 - 3.5	800	950			12	9,5	7.0 - 8.0	2000	2700
		7	6,5	3.5 - 4.5	800	950			14	9,5	8.0 - 10.0	2000	2700
		8	6,5	4.5 - 5.5	800	950			16	9,5	10.0 - 12.0	2000	2700
		9	6,5	5.0 - 6.0	800	950			18	9,5	12.0 - 14.0	2000	2700
		10	6,5	6.0 - 7.0	800	950			20	9,5	14.0 - 16.0	2000	2700
		11	6,5	7.0 - 8.0	800	950			22	9,5	16.0 - 18.0	2000	2700
		12	6,5	8.0 - 9.0	800	950			24	9,5	18.0 - 20.0	2000	2700
		14	6,5	9.0 - 11.0	800	950			26	9,5	20.0 - 22.0	2000	2700
		16	6,5	11.0 - 13.0	800	950			28	9,5	21.0 - 23.0	2000	2700
3,4	3,5	5	7	0.5 - 1.5	850	1000	6,4	6,5	30	9,5	23.0 - 25.0	2000	2700
		6	7	1.5 - 2.5	850	1000			35	9,5	25.0 - 30.0	2000	2700
		7	7	2.5 - 3.5	850	1000			40	9,5	30.0 - 35.0	2000	2700
		8	7	3.5 - 4.5	850	1000			45	9,5	35.0 - 40.0	2000	2700
		9	7	4.0 - 5.0	850	1000			50	9,5	40.0 - 45.0	2000	2700
		10	7	5.0 - 6.0	850	1000			8	13	0.5 - 3.0	3100	3500
		11	7	6.0 - 7.0	850	1000			10	13	3.0 - 4.0	3100	3500
		12	7	7.0 - 8.5	850	1000			12	13	4.0 - 6.0	3100	3500
		14	7	8.5 - 10.0	850	1000			15	13	6.0 - 10.5	3100	3500
		16	7	10.0 - 11.5	850	1000			18	13	10.5 - 13.0	3100	3500
4	4,1	5	8	0.5 - 1.5	1400	2000	6,4	6,5	22	13	13.5 - 17.0	3100	3500
		6	8	1.5 - 3.0	1400	2000			26	13	17.0 - 20.0	3100	3500
		7	8	3.0 - 4.0	1400	2000			30	13	20.0 - 24.0	3100	3500
		8	8	4.0 - 5.0	1400	2000			35	13	24.0 - 29.0	3100	3500
		9	8	5.0 - 6.0	1400	2000			40	13	29.0 - 34.0	3100	3500
		10	8	6.0 - 6.5	1400	2000	10	13	0.5 - 1.5	3600	4600		
								12	13	1.5 - 6.0	3600	4600	
								15	13	6.0 - 8.5	3600	4600	
								18	13	8.5 - 12.0	3600	4600	
								22	13	12.0 - 16.0	3600	4600	
								26	13	16.0 - 19.0	3600	4600	
								30	13	20.0 - 23.0	3600	4600	
								35	13	24.0 - 28.0	3600	4600	
								40	13	29.0 - 34.0	3600	4600	

# COPPER BLIND RIVETS

ISO UNI DIN  
- 9200A 7337A



## MATERIAL

ZINC PLATED STEEL / COPPER

## MECHANICAL PROPERTIES

ACCORDING TO DIN 7337 UNI 9200

## TOLLERANCES

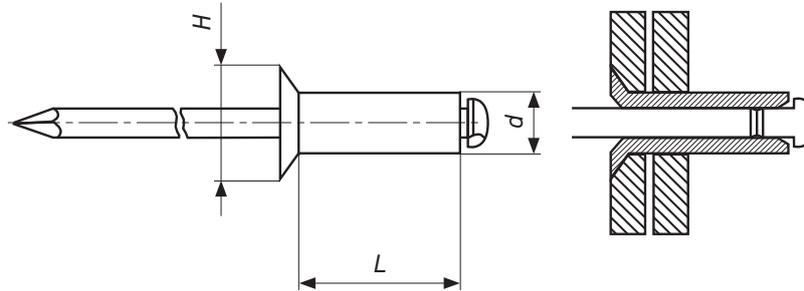
ACCORDING TO DIN 7337 UNI 9200

d	foro hole	L	H	spessore thickness	sforzo a taglio cut / N	sforzo a trazione traction / N
						
3	3,1	5	6,5	0.5 - 2.0	800	1000
		6	6,5	2.0 - 3.0	800	1000
		7	6,5	3.0 - 4.0	800	1000
		9	6,5	5.0 - 6.0	800	1000
		11	6,5	7.0 - 8.0	800	1000
		14	6,5	9.0 - 10.0	800	1000
		16	6,5	10.0 - 12.0	800	1000
		18	6,5	13.0 - 14.0	800	1000
3,2	3,3	6	6,5	2.0 - 3.0	1000	1200
		7	6,5	3.0 - 4.0	1000	1200
		9	6,5	5.0 - 6.0	1000	1200
		11	6,5	7.0 - 8.0	1000	1200
3,4	3,5	5	7	1.0 - 2.0	1300	1800
		6	7	2.0 - 3.0	1300	1800
		7	7	3.0 - 4.0	1300	1800
		9	7	5.0 - 6.0	1300	1800
		11	7	7.0 - 8.0	1300	1800
		14	7	8.0 - 10.0	1300	1800
		16	7	10.0 - 12.0	1300	1800
		18	7	12.0 - 14.0	1300	1800
		20	7	14.0 - 16.0	1300	1800
		22	7	16.0 - 18.0	1300	1800

d	foro hole	L	H	spessore thickness	sforzo a taglio cut / N	sforzo a trazione traction / N		
								
4	4,1	5	8	1.0 - 2.0	1600	2200		
		6	8	0.5 - 2.5	1600	2200		
		7	8	2.5 - 3.5	1600	2200		
		9	8	4.5 - 5.5	1600	2200		
		11	8	6.5 - 7.5	1600	2200		
		12	8	7.5 - 8.5	1600	2200		
		14	8	8.5 - 10.0	1600	2200		
		16	8	10.0 - 12.0	1600	2200		
		18	8	12.0 - 14.0	1600	2200		
		20	8	14.0 - 16.0	1600	2200		
		25	8	16.0 - 19.0	1600	2200		
		30	8	20.0 - 24.0	1600	2200		
		4,8	5	8	9,5	3.5 - 4.5	2300	3200
				10	9,5	5.5 - 6.5	2300	3200
12	9,5			7.5 - 8.5	2300	3200		
14	9,5			8.5 - 10.0	2300	3200		
16	9,5			10.0 - 12.0	2300	3200		
18	9,5			12.0 - 14.0	2300	3200		
20	9,5			14.0 - 16.0	2300	3200		
24	9,5			16.0 - 18.0	2300	3200		
30	9,5	19.0 - 24.0	2300	3200				

# ALUMINIUM / STEEL COUNTERSUNK BLIND RIVETS

ISO UNI DIN  
- 9200B 7337B



## MATERIAL

## ALUMINIUM/ STEEL

## MECHANICAL PROPERTIES

ACCORDING TO DIN 7337 UNI 9200

## TOLLERANCES

ACCORDING TO DIN 7337 UNI 9200

d	foro hole	L	H	spessore thickness	sforzo a taglio cut / N		sforzo a trazione traction / N	
3,2	3,3	7	6,5	0.5 - 3.5	1300	1650	1300	1650
		9	6,5	3.5 - 6.0	1300	1650	1300	1650
		11	6,5	6.0 - 8.0	1300	1650	1300	1650
		13	6,5	8.0 - 10.0	1300	1650	1300	1650
		7	8	0.5 - 3.0	2000	2300	2000	2300
4	4,1	9	8	3.0 - 5.0	2000	2300	2000	2300
		11	8	5.0 - 7.0	2000	2300	2000	2300
		12	8	7.0 - 9.0	2000	2300	2000	2300
		14	8	9.0 - 11.0	2000	2300	2000	2300
		16	8	11.0 - 12.5	2000	2300	2000	2300
		18	8	12.5 - 14.5	2000	2300	2000	2300
		20	8	14.5 - 16.5	2000	2300	2000	2300
4,8	5	7	10	1.5 - 3.5	3000	3700	3000	3700
		9	10	3.5 - 4.5	3000	3700	3000	3700
		11	10	4.5 - 6.0	3000	3700	3000	3700
		12	10	6.0 - 8.0	3000	3700	3000	3700
		14	10	8.0 - 9.5	3000	3700	3000	3700
		16	10	9.5 - 11.0	3000	3700	3000	3700
		18	10	11.0 - 13.0	3000	3700	3000	3700
		20	10	13.0 - 15.0	3000	3700	3000	3700