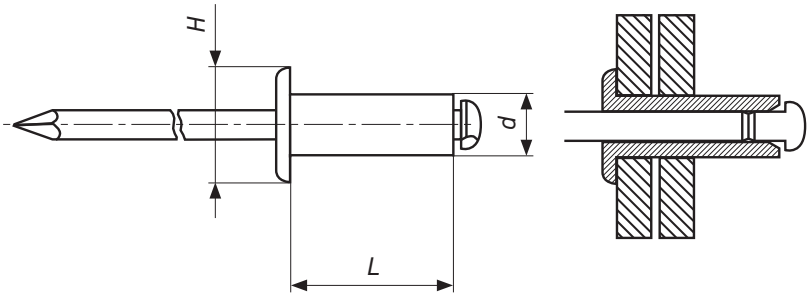
STEEL / STEEL BLIND RIVETS

ISO	UNI	DIN
-	9200A	7337A



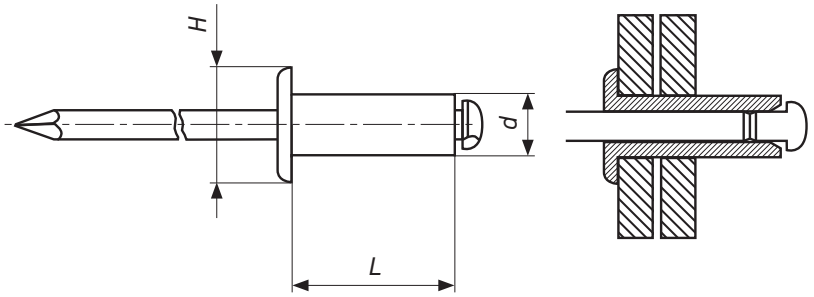
MATERIAL	**ZINC PLATED STEEL / ZINC PLATED STEEL**
MECHANICAL PROPERTIES	ACCORDING TO DIN 7337 UNI 9200
TOLLERANCES	ACCORDING TO DIN 7337 UNI 9200

d	foro hole	L	H	spessore thickness	sforzo a taglio cut / N	sforzo a trazione traction / 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
		12	6,5	8.0 - 9.0	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
		12	6,5	8.0 - 9.0	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 cut / N	sforzo a trazione traction / 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
		30	9,5	21.0 - 25.0	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
		30	13	20.0 - 25.0	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



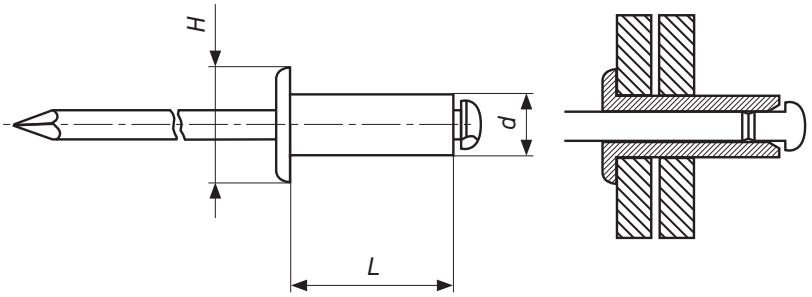
MATERIAL	**STAINLESS STEEL A2 / STAINLESS STEEL A2**
MECHANICAL PROPERTIES	ACCORDING TO DIN 7337 UNI 9200
TOLLERANCES	ACCORDING TO DIN 7337 UNI 9200

d	foro hole	L	H	spessore thickness	sforzo a taglio cut / N	sforzo a trazione traction / N
3	3,1	6	6,5	1.0 - 3.0	2000	2300
		8	6,5	3.0 - 5.0	2000	2300
		10	6,5	5.0 - 7.0	2000	2300
		11	6,5	7.0 - 8.0	2000	2300
		12	6,5	8.0 - 9.0	2000	2300
		14	6,5	9.0 - 11.0	2000	2300
		16	6,5	11.0 - 13.0	2000	2300
		18	6,5	13.0 - 15.0	2000	2300
3,2	3,3	5	6,5	1.0 - 2.0	2700	3000
		6	6,5	2.0 - 3.0	2700	3000
		7	6,5	3.0 - 4.0	2700	3000
		8	6,5	4.0 - 5.0	2700	3000
		9	6,5	5.0 - 6.0	2700	3000
		10	6,5	6.0 - 7.0	2700	3000
		11	6,5	7.0 - 8.0	2700	3000
		12	6,5	8.0- 9.0	2700	3000
		14	6,5	9.0 - 11.0	2700	3000
		16	6,5	11.0 - 13.0	2700	3000
		18	6,5	13.0 - 15.0	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

d	foro hole	L	H	spessore thickness	sforzo a taglio cut / N	sforzo a trazione traction / N
4,8	5	6	9,5	1.0 - 2.0	5000	6500
		7	9,5	2.0 - 3.0	5000	6500
		8	9,5	3.0 - 4.0	5000	6500
		9	9,5	4.0 - 5.0	5000	6500
		10	9,5	5.0 - 6.0	5000	6500
		11	9,5	6.0 - 7.0	5000	6500
		12	9,5	7.0 - 8.0	5000	6500
		14	9,5	8.0 - 9.5	5000	6500
		16	9,5	9.5 - 11.0	5000	6500
		18	9,5	11.0 - 13.0	5000	6500
		20	9,5	13.0 - 15.0	5000	6500
		22	9,5	15.0 - 17.0	5000	6500
		24	9,5	17.0 - 19.0	5000	6500
		26	9,5	19.0 - 21.0	5000	6500
		28	9,5	21.0 - 23.0	5000	6500
		30	9,5	23.0 - 25.0	5000	6500

ALUMINIUM / STEEL BLIND RIVETS

ISO	UNI	DIN
-	9200A	7337A

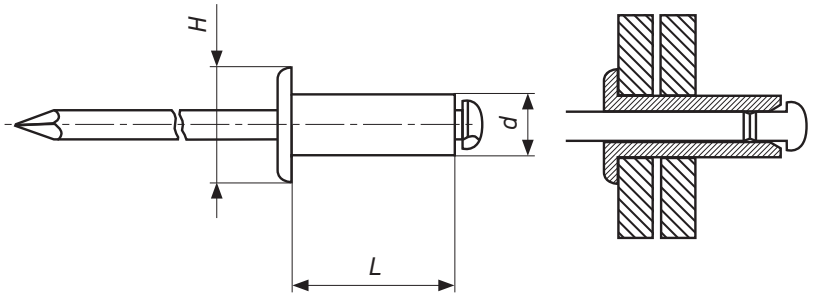


MATERIAL	**ZINC PLATED STEEL / ALUMINIUM**
MECHANICAL PROPERTIES	ACCORDING TO DIN 7337 UNI 9200
TOLLERANCES	ACCORDING TO DIN 7337 UNI 9200

d	foro hole	L	H	spessore thickness	sforzo a taglio cut / N	sforzo a trazione traction / N
2,4	2,5	6	5	2.5 - 3.5	350	450
		8	5	3.5 - 6.0	350	450
		10	5	6.0 - 6.8	350	450
		12	5	7.0 - 8.0	350	450
3	3,1	5	6,5	0.5 - 2.5	800	900
		6	6,5	2.5 - 3.5	800	900
		7	6,5	3.5 - 4.5	800	900
		8	6,5	4.5 - 5.5	800	900
		9	6,5	5.5 - 6.5	800	900
		10	6,5	7.0 - 8.0	800	900
		11	6,5	7.0 - 8.0	800	900
		12	6,5	8.0 - 9.0	800	900
		14	6,5	9.0 - 11.0	800	900
		16	6,5	11.0 - 13.0	800	900
		18	6,5	13.0 - 15.0	800	900
3,2	3,3	5	6,5	0.5 - 1.5	800	950
		6	6,5	1.5 - 3.5	800	950
		7	6,5	3.5 - 4.5	800	950
		8	6,5	4.5 - 5.5	800	950
		9	6,5	5.0 - 6.0	800	950
		10	6,5	6.0 - 7.0	800	950
		11	6,5	7.0 - 8.0	800	950
		12	6,5	8.0 - 9.0	800	950
		14	6,5	9.0 - 11.0	800	950
		16	6,5	11.0 - 13.0	800	950
		18	6,5	13.0 - 15.0	800	950
3,4	3,5	5	7	0.5 - 1.5	850	1000
		6	7	1.5 - 2.5	850	1000
		7	7	2.5 - 3.5	850	1000
		8	7	3.5 - 4.5	850	1000
		9	7	4.0 - 5.0	850	1000
		10	7	5.0 - 6.0	850	1000
		11	7	6.0 - 7.0	850	1000
		12	7	7.0 - 8.5	850	1000
		14	7	8.5 - 10.0	850	1000
		16	7	10.0 - 11.5	850	1000
		18	7	11.5 - 12.5	850	1000
		20	7	12.5 - 14.5	850	1000
4	4,1	5	8	0.5 - 1.5	1400	2000
		6	8	1.5 - 3.0	1400	2000
		7	8	3.0 - 4.0	1400	2000
		8	8	4.0 - 5.0	1400	2000
		9	8	5.0 - 6.0	1400	2000
		10	8	6.0 - 6.5	1400	2000
4	4,1	11	8	6.5 - 7.5	1400	2000
		12	8	7.5 - 8.5	1400	2000
		14	8	8.5 - 10.5	1400	2000
		16	8	10.5 - 12.5	1400	2000
		18	8	12.5 - 14.5	1400	2000
		20	8	14.5 - 16.5	1400	2000
		22	8	16.5 - 17.5	1400	2000
		24	8	17.5 - 18.5	1400	2000
		26	8	18.5 - 21.5	1400	2000
		28	8	21.5 - 23	1400	2000
		30	8	23.0 - 26.0	1400	2000
4,8	5	6	9,5	0.5 - 2.5	2000	2700
		7	9,5	2.5 - 3.5	2000	2700
		8	9,5	3.5 - 4.0	2000	2700
		9	9,5	4.0 - 5.0	2000	2700
		10	9,5	5.0 - 6.0	2000	2700
		11	9,5	6.0 - 7.0	2000	2700
		12	9,5	7.0 - 8.0	2000	2700
		14	9,5	8.0 - 10.0	2000	2700
		16	9,5	10.0 - 12.0	2000	2700
		18	9,5	12.0 - 14.0	2000	2700
		20	9,5	14.0 - 16.0	2000	2700
		22	9,5	16.0 - 18.0	2000	2700
		24	9,5	18.0 - 20.0	2000	2700
		26	9,5	20.0 - 22.0	2000	2700
		28	9,5	21.0 - 23.0	2000	2700
		30	9,5	23.0 - 25.0	2000	2700
		35	9,5	25.0 - 30.0	2000	2700
		40	9,5	30.0 - 35.0	2000	2700
		45	9,5	35.0 . 40.0	2000	2700
		50	9,5	40.0- 45.0	2000	2700
6	6,1	8	13	0.5 - 3.0	3100	3500
		10	13	3.0 - 4.0	3100	3500
		12	13	4.0 - 6.0	3100	3500
		15	13	6.0 - 10.5	3100	3500
		18	13	10.5 - 13.0	3100	3500
		22	13	13.5 - 17.0	3100	3500
		26	13	17.0 - 20.0	3100	3500
		30	13	20.0 - 24.0	3100	3500
		35	13	24.0 - 29.0	3100	3500
		40	13	29.0 34.0	3100	3500
6,4	6,5	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



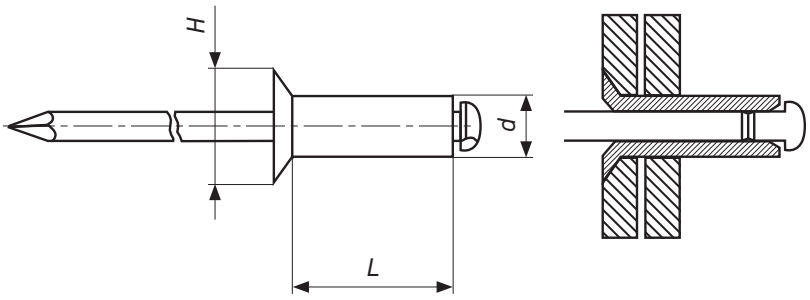
MATERIAL	**ZINC PLATED STEEL / COPPER**
MECHANICAL PROPERTIES	ACCORDING TO DIN 7337 UNI 9200
TOLLERANCES	ACCORDING TO DIN 7337 UNI 9200

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
		20	6,5	15.0 - 16.0	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
		9	6,5	3.5 - 6.0	1300	1650
		11	6,5	6.0 - 8.0	1300	1650
		13	6,5	8.0 - 10.0	1300	1650
4	4,1	7	8	0.5 - 3.0	2000	2300
		9	8	3.0 - 5.0	2000	2300
		11	8	5.0 - 7.0	2000	2300
		12	8	7.0 - 9.0	2000	2300
		14	8	9.0 - 11.0	2000	2300
		16	8	11.0 - 12.5	2000	2300
		18	8	12.5 - 14.5	2000	2300
		20	8	14.5 - 16.5	2000	2300
4,8	5	7	10	1.5 - 3.5	3000	3700
		9	10	3.5 - 4.5	3000	3700
		11	10	4.5 - 6.0	3000	3700
		12	10	6.0 - 8.0	3000	3700
		14	10	8.0 - 9.5	3000	3700
		16	10	9.5 - 11.0	3000	3700
		18	10	11.0 - 13.0	3000	3700
		20	10	13.0 - 15.0	3000	3700