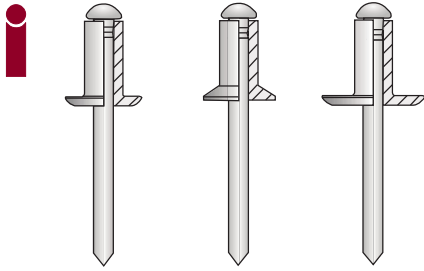


Standard Blind Rivet ALFO®

ALFO®



The **ALFO®** series contains any kind of HONSEL/VVG **standard open type blind rivets**.

It covers the designs and special types described in DIN EN ISO 15977 – 15984, as well as 16582 und 16584. By special types we define rivets whose functional principle is identical with described versions, but with feature differences as far as certain dimensions or functional properties are concerned.

We have specified some parameters more detailed such as grip range, tensile strength as well as the shear strength.

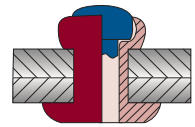
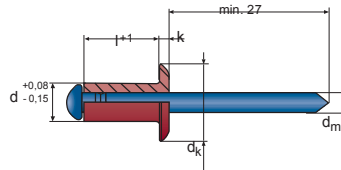
These modifications based on our **long term experience** and assist you in implementing a rivet design according to **practical purposes**.



Standard Blind Rivet ALFO®

Aluminium / Steel
Dome Head -open-

DIN EN ISO 15977



d	l +1	$\frac{d}{2}$ ±	dk	k	dm	No.	
2,4	3,0	0,5 – 1,0	5,0 -0,7	0,55 ± 0,15	1,5	10.700.024.030	500
	4,0	0,5 – 2,0				10.700.024.040	500
	6,0	1,5 – 4,0				10.700.024.060	500
	8,0	3,5 – 6,0				10.700.024.080	500
	10,0	6,0 – 8,0				10.700.024.100	500

EN AW - 5019 [AlMg5] 2,5 mm 380 N 600 N

d	l +1	$\frac{d}{2}$ ±	dk	k	dm	No.	
3,0	4,0	0,5 – 2,0	6,3 -0,7	0,8 ± 0,2	1,7	10.700.030.040	500
	5,0	1,0 – 3,0				10.700.030.050	500
	6,0	1,5 – 4,0				10.700.030.060	500
	7,0	3,0 – 5,0				10.700.030.070	500
	8,0	3,0 – 6,0				10.700.030.080	500
	10,0	5,0 – 7,5				10.700.030.100	500
	12,0	7,0 – 9,0				10.700.030.120	500
	16,0	9,0 – 12,5				10.700.030.160	500
	18,0	12,0 – 14,5				10.700.030.180	500
	20,0	13,0 – 16,5				10.700.030.200	500
25,0	16,0 – 21,5	10.700.030.250	500				

EN AW - 57519 [AlMg5] 3,1 mm 660 N 900 N

d	l +1	$\frac{d}{2}$ ±	dk	k	dm	No.	
3,2	4,0	0,5 – 1,5	6,5 -0,7	0,8 ± 0,2	1,9	10.700.032.040	500
	5,0	1,0 – 2,5				10.700.032.050	500
	6,0	1,5 – 3,5				10.700.032.060	500
	8,0	3,0 – 5,5				10.700.032.080	500
	10,0	5,0 – 7,5				10.700.032.100	500
	12,0	7,0 – 9,0				10.700.032.120	500
	14,0	8,5 – 10,5				10.700.032.140	500
	18,0	10,0 – 14,5				10.700.032.180	500
	20,0	13,0 – 17,0				10.700.032.200	500
	25,0	16,0 – 21,5				10.700.032.250	500

EN AW - 5019 [AlMg5] 3,3 mm 660 N 1100 N

d	l +1	$\frac{d}{2}$ ±	dk	k	dm	No.	
4,0	5,0	0,5 – 2,5	8,0 -1,0	1,0 ± 0,3	2,0	10.700.040.050	500
	6,0	1,0 – 3,5				10.700.040.060	500
	7,0	3,0 – 4,5				10.700.040.070	500
	8,0	3,0 – 5,5				10.700.040.080	500
	10,0	5,0 – 7,0				10.700.040.100	500
	12,0	6,5 – 9,0				10.700.040.120	500
	16,0	8,5 – 12,5				10.700.040.160	500
	18,0	12,0 – 14,5				10.700.040.180	500
	20,0	12,5 – 16,5				10.700.040.200	500
	25,0	15,5 – 21,0				10.700.040.250	500
	30,0	20,5 – 26,0				10.700.040.300	500
	35,0	25,5 – 31,0				10.700.040.350	500

EN AW - 5754 [AlMg3] 4,1 mm 1120 N 1420 N

d	l +1	$\frac{d}{2}$ ±	dk	k	dm	No.	
4,8	6,0	1,0 – 3,0	9,5 -1,0	1,1 ± 0,3	2,7	10.700.048.060	500
	7,0	1,0 – 4,0				10.700.048.070	500
	8,0	2,5 – 5,0				10.700.048.080	500
	10,0	4,0 – 6,5				10.700.048.100	500
	12,0	6,0 – 8,0				10.700.048.120	500
	14,0	7,5 – 10,0				10.700.048.140	500
	16,0	8,0 – 12,0				10.700.048.160	500
	18,0	11,5 – 13,5				10.700.048.180	500
	20,0	12,0 – 15,5				10.700.048.200	500
	25,0	15,0 – 20,5				10.700.048.250	500
	30,0	20,0 – 25,0				10.700.048.300	500
	35,0	24,5 – 29,5				10.700.048.350	250
	40,0	29,0 – 34,5				10.700.048.400	250

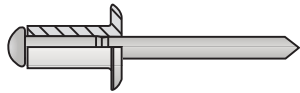
EN AW - 5754 [AlMg3] 4,9 mm 1480 N 1950 N



d	l ₊₁		d _k	k	d _m	No.	
5,0	6,0	1,0 – 3,0	9,5 -0,8	1,1 ±0,3	2,7	10.700.050.060	500
	8,0	2,5 – 5,0				10.700.050.080	500
	10,0	4,0 – 6,5				10.700.050.100	500
	12,0	6,0 – 8,0				10.700.050.120	500
	14,0	7,5 – 10,0				10.700.050.140	500
	16,0	8,0 – 12,0				10.700.050.160	500
	18,0	11,5 – 13,5				10.700.050.180	500
	20,0	12,0 – 15,5				10.700.050.200	500
	25,0	15,0 – 20,5				10.700.050.250	500
	30,0	20,0 – 25,0				10.700.050.300	500
	35,0	24,5 – 30,0				10.700.050.350	250
	40,0	29,0 – 35,0				10.700.050.400	250
	45,0	34,5 – 40,0				10.700.050.450	250
	50,0	39,5 – 45,0				10.700.050.500	250

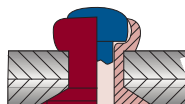
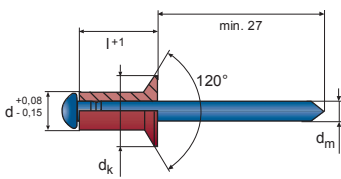
EN AW - 5754 [AlMg3] 5,1 mm 1650 N 2000 N

Many ALFO® dimensions are available as FERRO® version. In this HONSEL/VVG speciality the major part of the mandrel remains in the shank to increase the shear strength.



Diameter 7,8 is not standardized.

Please note our manifold range of assortments and small packs on pages 104/105 and 106-108!



Aluminium / Steel Countersunk Head -open-

DIN EN ISO 15978

d	l ₊₁		d _k	d _m	No.	
3,0	5,0	1,5 – 3,0	6,0 -0,4	1,7	10.700.300.050	500
	6,0	2,0 – 4,0			10.700.300.060	500
	8,0	3,5 – 6,0			10.700.300.080	500
	10,0	5,0 – 7,5			10.700.300.100	500
	12,0	7,0 – 9,0			10.700.300.120	500

EN AW - 5719 [AlMg5] 3,1 mm 660 N 900 N

d	l ₊₁		d _k	d _m	No.	
3,2	6,0	1,5 – 3,5	6,2 -0,4	1,9	10.700.320.060	500
	8,0	3,0 – 5,5			10.700.320.080	500
	10,0	5,0 – 7,5			10.700.320.100	500
	12,0	7,0 – 9,0			10.700.320.120	500

EN AW - 5719 [AlMg5] 3,3 mm 660 N 1100 N

d	l ₊₁		d _k	k	d _m	No.	
6,0	8,0	1,0 – 3,5	12,0 -1,2	1,5 ±0,4	3,2	10.700.060.080	500
	10,0	3,0 – 5,5				10.700.060.100	500
	12,0	5,0 – 7,5				10.700.060.120	500
	16,0	7,0 – 11,0				10.700.060.160	500
	18,0	10,5 – 13,0				10.700.060.180	500
	20,0	11,0 – 15,0				10.700.060.200	500
	22,0	14,5 – 17,0				10.700.060.220	500
	25,0	15,0 – 20,0				10.700.060.250	250
	28,0	19,5 – 22,5				10.700.060.280	250
	30,0	20,0 – 25,0				10.700.060.300	250

EN AW - 5754 [AlMg3] 6,1 mm 2520 N 2850 N

d	l ₊₁		d _k	k	d _m	No.	
6,4	12,0	2,5 – 7,0	13,0 -1,4	1,8 ±0,4	3,6	10.700.064.120	250
	16,0	6,0 – 11,0				10.700.064.160	250
	18,0	10,0 – 13,0				10.700.064.180	250
	20,0	10,0 – 14,5				10.700.064.200	250
	25,0	14,0 – 19,0				10.700.064.250	250
	30,0	18,0 – 24,0				10.700.064.300	250

EN AW - 5754 [AlMg3] 6,5 mm 2850 N 4250 N

d	l ₊₁		d _k	k	d _m	No.	
7,8	15,0	4,0 – 9,5	14,0	2,0	3,7	10.700.078.150	250
	18,0	9,5 – 12,5				10.700.078.180	250
	22,0	12,5 – 16,5				10.700.078.220	250
	26,0	16,5 – 20,5				10.700.078.260	250
	30,0	20,5 – 24,5				10.700.078.300	250
	35,0	24,5 – 29,5				10.700.078.350	250

EN AW - 5754 [AlMg3] 8,0 mm 6600 N 9550 N

d	l ₊₁		d _k	d _m	No.	
4,0	6,0	1,5 – 3,5	7,5 -0,5	2,0	10.700.400.060	500
	8,0	2,0 – 5,5			10.700.400.080	500
	10,0	5,0 – 7,0			10.700.400.100	500
	12,0	6,5 – 9,0			10.700.400.120	500
	16,0	8,5 – 12,5			10.700.400.160	500
	18,0	12,0 – 14,5			10.700.400.180	500

EN AW - 5754 [AlMg3] 4,1 mm 1120 N 1420 N

Further dimensions on the following page!