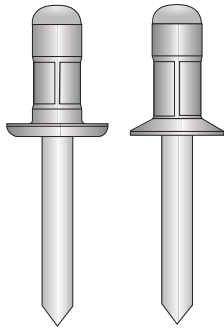


Multigrip Blind Rivet OPTO®

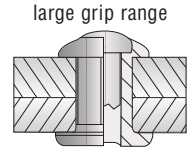


Compared to a standard blind rivet, the clear hallmark of the **OPTO®** multigrip blind rivet is its distinct, especially embossed rivet shaft. Due to the rivet's structural features, the following functional properties result:

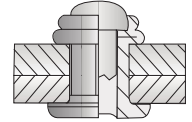
- large grip range
- good filling capacity of the borehole
- non-positive locking of the captive mandrel without clearance
- vibration proof
- dustproof and splash-watertight
- no rattling sounds

Preferred applications for **OPTO®** multigrip blind rivets can be found in the field of vehicle manufacturing, in air conditioning technology as well as in the field of tank and container manufacturing.

Furthermore, this rivet type is excellently suited for use as a repair rivet.



large grip range

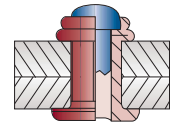
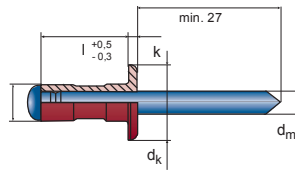


low grip range



Multigrip Blind Rivet OPTO®

Aluminium / Steel Dome Head -open-



d	l	$\frac{d}{2}$	dk	k	dm	No.	
3,2	6,8	0,8 – 3,4	6,4	1,0	1,8	10.600.032.068	500
	8,0	0,8 – 4,8				10.600.032.080	500
	9,5	1,2 – 6,4				10.600.032.095	500
	11,0	4,0 – 7,9				10.600.032.110	500

EN AW - 5052 [AlMg2,5] \approx 3,3 mm \approx 720 N \approx 1000 N

d	l	$\frac{d}{2}$	dk	k	dm	No.	
4,0	6,0	0,5 – 3,0	7,9	1,2	2,3	10.600.040.060	500
	9,5	1,2 – 6,4				10.600.040.095	500
	12,7	4,0 – 9,5				10.600.040.127	500
	16,9	6,4 – 12,7				10.600.040.169	500

EN AW - 5052 [AlMg2,5] \approx 4,1 mm \approx 1120 N \approx 1650 N

! Dimension 4,0 x 9,5 available as grounding rivet with knurled shaft on [page 55](#).

d	l	$\frac{d}{2}$	dk	k	dm	No.	
4,8	10,3	1,6 – 6,4	9,8	1,5	2,8	10.600.048.103	500
	15,1	4,8 – 11,1				10.600.048.151	500
	16,9	6,4 – 12,7				10.600.048.169	500
	24,8	12,7 – 19,8				10.600.048.248	500

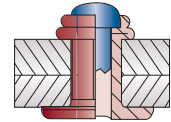
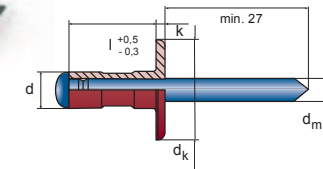
EN AW - 5052 [AlMg2,5] \approx 4,9 mm \approx 1530 N \approx 2300 N

Aluminium / Steel Dome Head -open- painted

d	l	$\frac{d}{2}$	dk	k	dm	No.	RAL-No. colour	
4,0	6,0	0,5 – 3,0	7,9	1,2	2,3	10.600.040.060/001	9010	500
						10.600.040.060/002	9005	500
	9,5	1,2 – 6,4				10.600.040.095/001	9010	500
						10.600.040.095/002	9005	500
	12,7	4,0 – 9,5				10.600.040.127/001	9010	500
						10.600.040.127/002	9005	500

EN AW - 5052 [AlMg2,5] \approx 4,1 mm \approx 1120 N \approx 1650 N

Aluminium / Steel Large Dome Head -open-



d	l	$\frac{d}{2}$	dk	k	dm	No.	
3,2	8,0	0,8 – 4,8	9,5	1,2	1,8	10.630.032.080	500
	11,0	4,0 – 7,9				10.630.032.110	500

EN AW - 5052 [AlMg2,5] \approx 3,3 mm \approx 720 N \approx 1000 N

d	l	$\frac{d}{2}$	dk	k	dm	No.	
4,0	9,5	1,2 – 6,4	12,0	1,5	2,3	10.650.040.095	500
	12,7	4,0 – 9,5				10.650.040.127	500

EN AW - 5052 [AlMg2,5] \approx 4,1 mm \approx 1120 N \approx 1650 N

d	l	$\frac{d}{2}$	dk	k	dm	No.	
4,8	10,3	1,6 – 6,4	16,0	1,8	2,8	10.670.048.103	500
	16,9	6,4 – 12,7				10.670.048.169	500
	24,8	12,7 – 19,8				10.670.048.248	500

EN AW - 5052 [AlMg2,5] \approx 4,9 mm \approx 1530 N \approx 2300 N