

ISO 15977

Open end blind rivets, protruding head - A/A/St



Standard		ISO 15977	
Product Type		ISO 15977 specifies dimensional and mechanical characteristics and application data for open end blind rivets with break pull mandrel and protruding head, with an aluminium alloy body and a steel mandrel and with nominal diameters from 2,4 mm up to and including 6,4 mm.	
Material		Carbon Steel, Aluminium	
Surface Finish		Plain, Zinc Plated	
Size Range	2.4 - 6.4	Length Range	4-30 mm
Thread	ISO metric coarse pitch		

BASIS OF SPECIFICATION WHICH STANDARD GOVERNS WHAT

Dimensions to ISO 15977:2002

DIMENSIONAL DATA - SIZES WE SUPPLY ALL DIMENSIONS PER THE STANDARD

d	d max	d min	dk	dk (min)	k	dm max	p min	b max	dh1 (min)	dh1 (max)
Diameter - mm	Body Diameter Max - mm	Body Diameter Min - mm	Head Diameter - mm	Head Diameter - mm	Nominal Head Height - mm	Mandrel Diameter Max - mm	Mandrel Length Min - mm	Blind Length Addition - mm	Clearance Hole - mm	Clearance Hole - mm
3.2	3.28	3.05	6.7	5.8	1.3	2	25	4	3.3	3.4
4	4.08	3.85	8.4	6.9	1.7	2.45	27	4	4.1	4.2
4.8	4.88	4.65	10.1	8.3	2	2.95	27	4.5	4.9	5
6.4	6.48	6.25	13.4	11.6	2.7	3.9	27	5.5	6.5	6.6

FURTHER SIZES IN THIS STANDARD ALL DIMENSIONS PER THE STANDARD

Not held in stock. Available to order; minimum order quantity applies.

d	d max	d min	dk	dk (min)	k	dm max	p min	b max	dh1 (min)	dh1 (max)
Diameter - mm	Body Diameter Max - mm	Body Diameter Min - mm	Head Diameter - mm	Head Diameter - mm	Nominal Head Height - mm	Mandrel Diameter Max - mm	Mandrel Length Min - mm	Blind Length Addition - mm	Clearance Hole - mm	Clearance Hole - mm
2.4	2.48	2.25	5	4.2	1	1.55	25	3.5	2.5	2.6
3	3.08	2.85	6.3	5.4	1.3	2	25	3.5	3.1	3.2
5	5.08	4.85	10.5	8.7	2.1	2.95	27	4.5	5.1	5.2
6	6.08	5.85	12.6	10.8	2.5	3.4	27	5	6.1	6.2

TECHNICAL SPECIFICATIONS

Surface Finish Plain, Zinc Plated

INSPECTION DOCUMENTS WE CAN ISSUE

EN 10204 3.1 material certificate	Can be included when agreed in the order.
Dimensional inspection report	Can be provided for the agreed inspection scope.
Certificate of conformity	Can be issued against the confirmed order requirements.
Mechanical test report	Available when the required tests are agreed before production.
Chemical analysis report	Available when the material verification scope is agreed.
Coating inspection report	Can record the coating checks agreed for the order.

REFERENCES & NOTES

Note: Dimensional values follow the selected execution standard. Material properties and batch test results are included only when declared or supported by the applicable certificate or test report.