

## TVH® TV 2030 (AA 2030)

Density 2,85 g/cm<sup>3</sup>

Aluminium alloy

### Specifications:

TRAID	TVH®	TV 2030
D	DIN 1712/1725	3.1645
USA	A.A.	2030
E	UNE	L-3121

### Nominal composition:

Al	Rest
Si	Max. 0,80 %
Fe	Max. 0,70 %
Cu	3,3 – 4,5 %
Mn	0,2 – 1,0 %
Mg	0,5 – 1,3 %
Cr	Max. 0,1 %
Zn	Max. 0,5 %
Ti	Max. 0,2 %
Pb	0,8 – 1,0 %
Bi	Max. 0,2 %

TEMPER	PROPERTIES	RESULT	UNIT
T4	Breaking load	440	Rm MPa
	Yield point	300	Rp 0,2 MPa
	Elongation	12	%
	Hardness	125	Brinell
T3	Breaking load	465	Rm MPa
	Yield point	410	Rp 0,2 MPa
	Elongation	8	%
	Hardness	125	Brinell
	Modulus of elasticity	71.000	MPa
	Thermal expansion	23,50	10 <sup>-6</sup> / °C
	Thermal conductivity	140	W/(K+m)
Electrical resistivity	0,057	Ω mm <sup>2</sup> /m	

### MAIN CHARACTERISTICS

High mechanical properties  
 Good machinability  
 Low corrosion resistance  
 Possible to anodize

### INDUSTRY APPLICATIONS

Screws  
 Bolts  
 Nuts  
 Threaded bars

Notice: The information given was made with our knowledge indicating our product's possible applications. Existing commercial patents must be observed. These values represent averages taken from samples, so we reserve the right of technical alterations. We cannot give a legally binding guarantee of certain properties or the suitability for a specific application. The customer is solely responsible for the quality and suitability of products for the application and has to test usage and processing prior to use. Data sheet values are subject to periodic review, the most recent update can be found at [www.traidvillarroya.com](http://www.traidvillarroya.com). Traidamid, TKG and TVH as well as their logos are registered trademarks of the Traid Villarroja group of companies, in Europe and other countries.