

TVH® TV430 (CuZn25Al5Mn4Fe3)

Densidad 7,83 g/cm³
 Bronce al manganeso

Denominaciones:

TRAID	TVH®	TV430
D	DIN 1709	CuZn25Al5
AUS	AS 1565	C86300
CHINA	GOST17711	CuZn25Al6Fe3Mn3
USA	ASTM B30	C86300

Composición:

Cu	60 – 67 %
Mn	2,5 – 5 %
Al	3 – 7 %
Fe	1,5 – 4 %
Zn	Rest
Ni	0 – 3 %

PROPIEDADES	UNIDAD	COLADA CONTINUA
Resistencia a la tracción R _m	MPa	> 750
Limite elástico R _{p0,2}	MPa	> 450
Alargamiento A ₅	%	8
Dureza Brinell	HB 10	> 180
Módulo de elasticidad E	GPa	105

CARACTERISTICAS

Excelentes propiedades mecánicas
 Gran resistencia a la corrosión

APLICACIONES MÁS COMUNES

Abrazaderas y timones de la industria naval
 Tornillos y tuercas de fijación
 Rodamientos de carga pesada y casquillos para la industria aeroespacial
 Impulsores de bomba y guías de válvulas y asientos para industria de petróleo y gas

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