

CERTIFICATE OF QUALITY

(Norm EN10204 2.1)

Shipping note: 17773412

Hexagon domed cap nuts, high type DIN 1587 - A2-70 - M10 - AF17
 Flat washers DIN 9021 - A2 - 10,5 for M10
 Hexagon domed cap nuts, high type DIN 1587 - A4-80 - M10 - AF17
 Flat washers DIN 9021 - A4 - 10,5 for M10
 Spring lock washers type B, plain pattern DIN 127-B - A4 - for M10
 Hexagon socket countersunk head screws, FT ISO 10642 (~DIN 7991) - A2-070 - M8X30
 Flat washers DIN 9021 - A2 - 8,4 for M8
 Self locking hexagon nuts, nylon insert, low type DIN 985 - A2-70 - M8
 Hexagon socket countersunk head screws, FT ISO 10642 (~DIN 7991) - A4-070 - M8X30

By the present document we certify that all the material supplied by **WASI GmbH** is guaranteed by the technical conditions of sale, based on the norm **ISO 3506**, which indicate the physical characteristics and chemistry for austenitic of stainless steel (A2 and A4) as well as resistance and mechanical properties.
 These parameters are summarized in the following tables:

CHEMICAL COMPOSITION

Group of material	Group Steel	Chemical composition in % (1)							
		C	Si	Mn	P	S	Cr	Ni	Mo
AUSTENITIC STEEL	A2 (2)	0.10	1.00	2.00	0.050	0.030	15.00 a 20.00	8.00 a 19.00	
	A4 (2)	0.08	1.00	2.00	0.045	0.030	16.0 a 18.5	10.00 a 15.00	2.00 a 3.00

(1)Maximum, If there isn't other values indicated.

(2)It can include Cooper, up to 4% maximum.

MECHANICAL PROPERTIES

*Resistances to the traction.

*Elongation limit of 0.2%

*Elongation of break

Group of material	Group Steel	Type of resistance	Screws		
			Resistance to the traction Rm (1) N/mm Min.	Elongation limit 0.2% Rp (1) N/mm Min.	Elongation of break mm Min.
Austenitic Steel	A2	50	500	210	0.6 d
		70	700	450	0.4 d
	A4	80	800	600	0.3 d

All the values has been calculated and recounted to the section of threading.