

MTS A2 | AISI304

SCREWS FOR METAL SHEET

HEXAGONAL HEAD

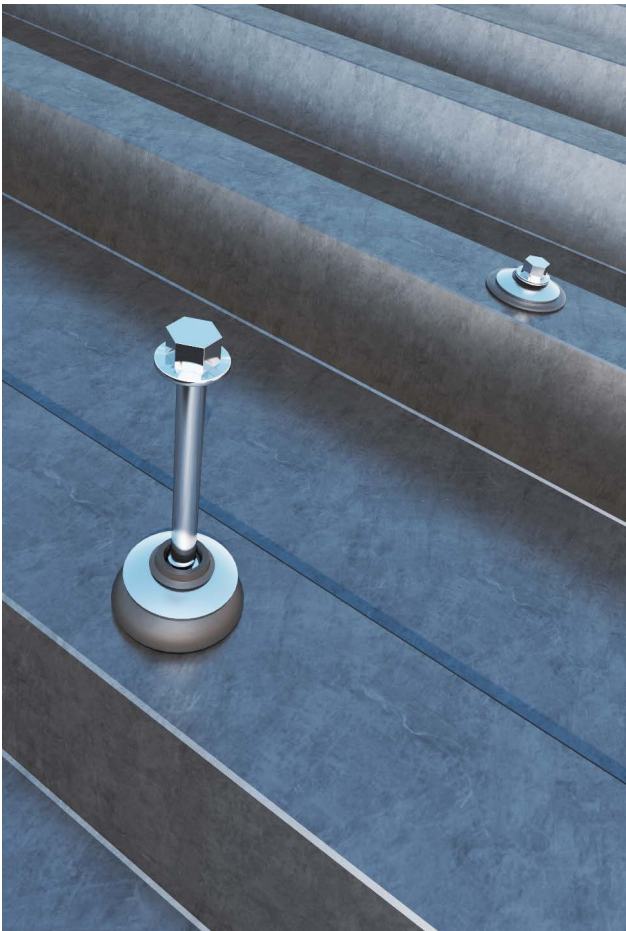
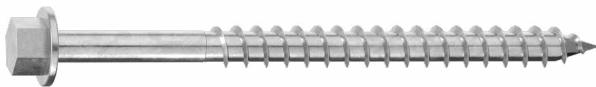
Ideal for use in combination with WBAZ washers to achieve water-tight fastening to metal sheet; requires a pre-drill. The hexagonal head facilitates any subsequent removal.

STAINLESS STEEL

The A2 | AISI304 stainless steel ensures high resistance to corrosion and excellent durability, even in very aggressive environments.

FASTENING METAL SHEET

Can be installed on sheets (steel or aluminium) up to 0,5 mm thick without pre-drilling.



CODES AND DIMENSIONS

d_1 [mm]	CODE	L [mm]	b [mm]	A [mm]	pcs
6 SW 10	MTS680	80	58	20 ÷ 40	100
	MTS6100	100	58	40 ÷ 60	100
	MTS6120	120	58	60 ÷ 80	100

GEOMETRY AND MECHANICAL CHARACTERISTICS

GEOMETRY

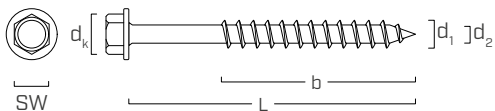
Nominal diameter	d_1	[mm]	6
Wrench size	SW	-	SW 8
Head diameter	d_k	[mm]	12,00
Thread diameter	d_2	[mm]	4,10

CHARACTERISTIC MECHANICAL PARAMETERS

Nominal diameter	d_1	[mm]	6
Tensile strength	$f_{tens,k}$	[kN]	9,8
Yield moment	$M_{y,k}$	[Nm]	8,5
Withdrawal resistance parameter	$f_{ax,k}$	[N/mm ²]	13,3
Associated density	ρ_a	[kg/m ³]	433
Head-pull-through parameter	$f_{head,k}$	[N/mm ²]	18,5
Associated density	ρ_a	[kg/m ³]	474

Mechanical parameters from experimental tests.

GEOMETRY



DIAMETER [mm]

3,5 8

LENGTH [mm]

25 240

SERVICE CLASS

☒ SC1 ☒ SC2 ☒ SC3

ATMOSPHERIC CORROSIVITY

☒ C1 ☒ C2 ☒ C3 ☒ C4

WOOD CORROSIVITY

☒ T1 ☒ T2 ☒ T3 ☒ T4

MATERIAL

A2 AISI 304 A2 | AISI304 austenitic stainless steel (CRC II)