Reduced-point self-drilling stitching screw with EPDM

Reduced drill point for stitching thin metal sheets. Dimensions, performance and application conditions refer to the specified Tecfi execution.

Tecfi B6C01

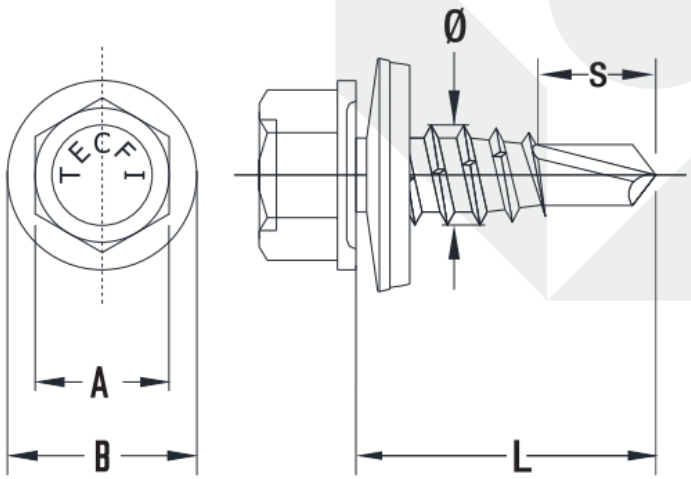
Reference: Tecfi B6C01 · Thread: Self-drilling stitching · Drive: External hexagon · Units: mm



Representative geometry photograph. Material and finish are specified separately.

Technical drawing and legend

Tecfi B6C01



Ø	Outside screw diameter
s	Reduced-point length, geometric dimension
A	Width across flats
B	Integral flange diameter
L1	Threaded section plus point; to be specified for the requested execution
L	Required length, to be specified in the quotation

Drawing not to scale, extracted from the Tecfi technical data sheet.

Dimensions

Nominal dimensions in mm for the specific Tecfi execution. The source does not give numerical tolerances for these dimensions; no generic tolerances or DIN/ISO equivalences are assigned. Confirm the execution drawing in the quotation.

Separate washer: bore Ø 6.7 mm, outside diameter 19 mm.

Ø	s	A	B
6,3	4,7	10	15

Materials and finishes

Component / material	Finish / execution
Case-hardened steel screw	Zinc plating 5 µm, CrVI-free
Pre-galvanized steel washer with EPDM seal	Preassembled

Data refer to Tecfi B6C01. Dueemme confirms material, finish and actual availability in the quotation.

Documentation

Document	Status
Declaration of conformity	Subject to order agreement
Material certificate	Subject to order agreement
EN 10204 2.2 test report	Subject to order agreement
EN 10204 3.1 inspection certificate	Subject to order agreement
Dimensional inspection report	Subject to order agreement
Coating report	Subject to order agreement
Other documentation	Subject to order agreement

Batch documents are not automatically included: specify your requirements in the RFQ.

Drilling and application conditions

Parameter	Value for the specific execution
Minimum metal substrate	0,6 mm
Maximum drilling, single sheet	1,5 mm
Maximum drilling, two stacked sheets	1 + 1 mm
Drilling speed	1000-1800 rpm

Characteristic mechanical data

Parameter	Value
Mt (Nm)	16,9
Nk (kN)	18
Vk (kN)	6,4
Fk (kN)	1,3

Mt: breaking torque, not installation torque. Nk and Vk: characteristic tensile and shear breaking loads, not allowable design loads. Values apply to the documented execution; connection verification must consider sheets, thicknesses, geometry and installation conditions. Fk: characteristic pull-out load in 0.7 mm sheet metal. Control tightening to compress the seal correctly without damaging it.

Technical references

Tecfi B6C01 · Tecfi IT/EN technical data sheet