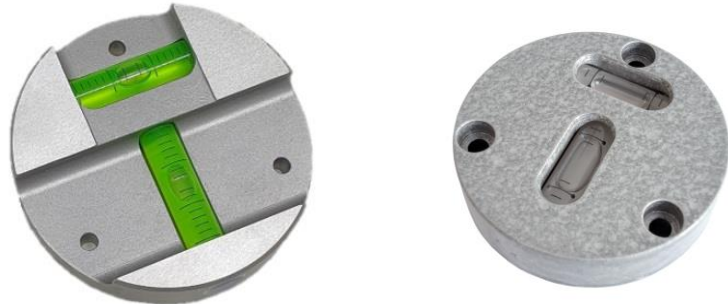


2-axis spirit level
 Item No. 4830/080 + 4860/060

Manufacturer:
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Product:
 2-axis spirit level

Variant 4830:
 Round 2-axis spirit level, diameter 80 mm made of stainless VA 1.4305 with flat, ground measuring surface, especially for simultaneous alignment of joists in both horizontal axes. Equipped with 2 ground and divided longitudinal vials. Housing recesses allow lateral reading of the vials, thus giving advantage at higher measuring points. The device is especially developed for bridge construction.

Variant 4860:
 Round 2-axis spirit level, diameter 60 mm made of stainless VA 1.4305 with flat, ground measuring surface, especially for simultaneous alignment of horizontal surfaces in both horizontal axes. Equipped with 2 ground and divided longitudinal vials. Housing recesses allow lateral reading of the dragonfly, thus giving advantage at higher measuring points.

Technical information:

Diameter	mm	60	80
Height	mm	14	17
Material		VA 1,4305	VA 1,4305
Weight of the spirit level	kg	0.22	0.42
Item No. 4830	0.60 mm/m	incl. plastic case	X
Item No. 4860	0.30 mm/m	for screwing on	X

(X = available)

4830: sub-circuit of holes 64 mm for M4 cylinderhead screws, bore diameter 4.5 mm
 4860: sub-circuit of holes 50 mm for M4 cylinderhead screws, bore diameter 4.2 mm

Special designs:
 Magnets in the measuring surfaces

Accessories for item no. 4830/080:
 Custom-fit, robust plastic case for storage (4830/080/KK)

Additional power optional:
 Measuring protocol

Working/storage temperature:
 For precision mechanical spirit levels, the working temperature is 20°C (+/-5 K) and the storage temperature is -40°C to +70°C.

Tolerances according to factory standard (not DIN 877):
 0.6 mm/m: $T_{zul} = 240$ microns/m, DoE = 0.8 Scd
 0.3 mm/m: $T_{zul} = 120$ microns/m, DoE = 0.8 Scd

T_{zul} permissible tolerance, DoE difference value on envelope, Scd scale divisions