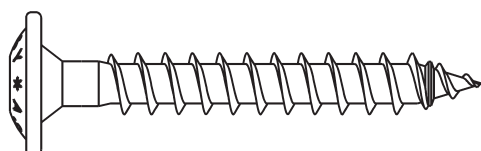


ASSY® 3.0 SK STEEL/A2 FULL THREAD



ASSY®



d in mm	l in mm	lg in mm	dh in mm	End mill	Drive	Art. No. Steel, blue passivated	P. Qty.
6.0	40	32	14	No	AW® 30	0184 006 40	100
	50	40				0184 006 50	
8.0	40	32	22		AW® 40	0184 008 40	50
	50	40				0184 008 50	

Storable in ORSY®

d in mm	l in mm	lg in mm	dh in mm	End mill	Drive	Art. No. Stainless steel A2	P. Qty.
8.0	40	32	18.9	No	AW® 40	0181 808 40	100
	50	42				0181 808 50	

Storable in ORSY®

ASSY® 3.0 particle board screws are optimized for use in wooden materials. When used in plastic anchors, a reduction of the load-bearing capacity is possible. For this reason, we recommend only using screws without optimized thread tips (drilling tip, counter thread, ring thread,

ground corrugated, self-clearing groove etc.), e.g. anchor screws, Pre. No. 0157, hex. wood screws DIN 571, Pre. No. 0192 or Wüpfast® screws, Pre. No. 0186, 0198).

The range of applications of the various stainless steels is contained in the following table of the ISER (German Information Office for Rustproof Stainless Steel, Information Leaflet 828). **Non-rusting stainless steels (e.g. material No. 1.4016) are recommended there for use in the atmospheric area only for use in a rural environment, and here as well only with great restrictions.**

We therefore recommend only using austenitic stainless steels for outdoor applications while taking the environmental conditions into account. The stainless steel A4 (0169 005 ...) is especially suitable for use in an industrial atmosphere and for use near the sea.

Steel types Short name			Environment											
			Country			City			Industry			Near sea		
			L	M	H	L	M	H	L	M	H	L	M	H
X1NiCrMoCu25-20-5	1.4539	Würth HCR (0159 9...)	x	x	x	x	x	x	x	x	+	x	x	+
X5CrNiMo17-12-2	1.4401/1.4578	Würth A4 (0169 005 ...)	x	x	x	x	+	+	+	+	(+)	+	+	(+)
X5CrNi18-10	1.4301/1.4567	Würth A2 (0166 105 ...)	+	+	+	+	+	(+)	(+)	(+)	-	+	(+)	-
X6Cr17	1.4016	Many competitors	(+)	(+)	(+)	(+)	-	-	(+)	-	-	-	-	-

Stainless steels for various ambient conditions (www.edelstahl-rostfrei.de, Information Leaflet 828)

L = Lowest corrosion loading within the respective environment, characterized, for example, by low temperatures and low humidity
M = Medium corrosion loading within the respective environment
H = Higher corrosion loading within the respective environment, e.g. due to continuously high humidity, high ambient temperatures, especially aggressive air pollution
x = Basically meets the requirements, however less expensive steels could also be sufficient

+ = Probably the best choice of materials with regard to corrosion resistance and costs
(+) = Sufficient behavior, provided certain precautionary measures are taken. Smooth surface finishes and regular cleaning are especially important
- = Probably heavy corrosion

ASSY® 3.0 SK with a large washer head and full thread is specially designed for screwing shaped sheet-metal parts to wood structures, e.g. screwing to posts.

Head:

Large washer head with AW® drive.

- Improved power transmission.
- Optimum centering.
- High durability.
- Even power distribution prevents damaging of the surface coating.

Thread:

- Full thread for high load-bearing capacity.
- Easy to screw in thanks to asymmetrical entry thread.

Tip

- Very precise starting thanks to the 30° tip.
- Screw features ring thread in tip area, which greatly reduces the splitting forces of the wood, especially in the edge area.

Material:

Steel, blue passivated (A2K):

Indoor areas, humid rooms

(use class 2)

Austenitic stainless steel A2 (1.4301, 1.4567):

Outdoor areas, humid rooms and rooms with atmospheres containing salt (use class 3).

Applications:

Post screw, shaped sheet-metal part mounting.

Notes:

Austenitic stainless steel is characterized by a high degree of corrosion resistance against aggressive industrial air, sea air, tap water, river water, mine water and salt water, as well as woods containing tannic acid. It is conditionally resistant to acid and not suitable for atmospheres containing chlorine gas.



ETA-11/0190

Additional articles:

AW® Bit, Art. No. 0614 250 102

**Battery-Powered Driver Drill
e.g. Art. No. 0700 655 2**

**Post Support
e.g. Art. No. 0681 091 000**