

FASTENERS IN THE WOODWORKING INDUSTRY



UNIVERSAL USE



2 Head shapes

Optimized for every application

- Large head diameter for maximum force transmission
- Small heads for minimum visibility
- Head angle for optimum hardware fastening or head sinking



Countersunk head

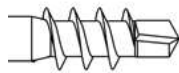


Countersunk/vertical milling pocket head

3 Screw tips – optimized for a quick bite, minimal splitting or both



Pointed thread – ideal for combining with plastic anchors or for screw fixing in stone



Plus drilling tip, pointed shape – for minimal edge spacings and the minimum possible running-off when using long screws

THE BEST PROPERTIES IN EVERY FORM

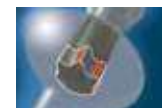


1 AW® drive – more power

- Optimum force transmission
- Very good fit
- Fast location
- Secure setting of the screw
- Virtually no overturning of the drill bit
- No wobbling
- Does not damage the surface coating of the screw
- Only 5 bit sizes for the diameters 3.0 to 12.0 mm
- Combines the advantages of the Phillips drive and the Torx drive:



Phillips drive



Torx



AW® drive

Ø 3.0–12.0 – only a few bit sizes!

AW® drive			
Ø	Old	New	Advantage
3.0	10	10	Thanks to large AW® 20 at Ø 3.5 = reduced bit wear.
3.5	10	20	
4.0	20	20	
4.5	20	20	Thanks to large AW® 30 at Ø 6.0 = reduced bit wear.
5.0	25	20	
6.0	25	30	3 diameters = 1 bit size!
7.0	30	30	
8.0	40	40	3 becomes 1 No more frequent changing over bits of different sizes!
10.0*	40	40	
12.0*	-	40	

* in individual cases AW® 50

IMPORTANT INFORMATION FOR OPTIMUM USE

Outdoor use

ASSY® steel screws with a corrosion coating are not suitable for outdoor use and for rooms that are briefly or constantly exposed to high levels of moisture! In such cases, use stainless steel screws such as ASSY® 3.0 A2. Nickel-plated and brass-plated surface coatings are suitable only for decorative purposes = no corrosion protection!

Use of hardwoods and pre-drilling

ASSY® screws can be screwed into softwood components without pre-drilling or into pre-drilled wood components. In components made of beech or oak wood, ASSY® screws may only be screwed into pre-drilled holes. The diameter of the pre-drilled hole must conform to the values shown in the table.

Thread outside diameter in [mm]	Diameters of the pre-drilled holes with a tolerance of ± 0.1 mm [mm]	
	Wood components made of softwood	Wood components made of beech or oak wood
4.0	2.5	3.0
4.5	2.5	3.5
5.0	3.0	3.5
6.0	4.0	4.0
7.0	4.0	5.0
8.0	5.0	6.0
10.0	6.0	7.0
12.0	7.0	8.0
14.0	8.0	9.0

Use in plastic anchors

ASSY® 3.0 particle boards and woodworking screws are optimized for use in wood materials. Reduction of the loading capacity is possible for applications in plastic anchors.

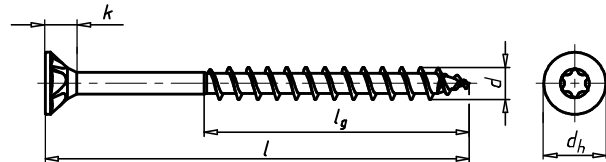
For use in plastic anchors, we therefore recommend using only screws such as ASSY® D without an optimized threaded tip (drilling tip, mating thread, annular thread, serrated edge, self-scraping groove etc.).

ASSY® 3.0 YELLOW GALVANISED PARTICLE BOARD SCREW

For universal use in furniture construction,
interior fittings and carpentry.



ETA-11/0190



Material: Hardened steel

Surface: Yellow galvanised

Head type: Countersunk head

Head details: Milling pockets

Screw-thread design: Partial thread

Thread type: Wood screw thread

Thread format: Coarse thread

Shape of tip: Tip with counter thread

Area of application: On rafter insulation, Element construction, Timber construction, Timber panel construction, Structural wood-work, Universal

Suitable for use in the following materials: Board ply wood, Wood, Derived timber product, Hardwood, LVL, Softwood

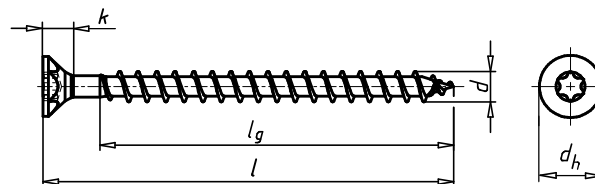
d	l	Thread length (lg)	dh	k	Internal drive	Art. No.	P. Qty.
3.0 mm	25.0 mm	17.0 mm	6.0 mm	1.8 mm	AW10	00170 330 25	1000
3.5 mm	25.0 mm	17.0 mm	7.0 mm	2.1 mm	AW20	00170 335 25	1000
3.5 mm	30.0 mm	18.0 mm	7.0 mm	2.1 mm	AW20	00170 335 30	1000
3.5 mm	35.0 mm	21.0 mm	7.0 mm	2.1 mm	AW20	00170 335 35	1000
3.5 mm	40.0 mm	25.0 mm	7.0 mm	2.1 mm	AW20	00170 335 40	500
3.5 mm	45.0 mm	30.0 mm	7.0 mm	2.1 mm	AW20	00170 335 45	500
3.5 mm	50.0 mm	30.0 mm	7.0 mm	2.1 mm	AW20	00170 335 50	500
4.0 mm	25.0 mm	18.0 mm	8.0 mm	2.5 mm	AW20	00170 340 25	1000
4.0 mm	30.0 mm	18.0 mm	8.0 mm	2.5 mm	AW20	00170 340 30	500
4.0 mm	35.0 mm	21.0 mm	8.0 mm	2.5 mm	AW20	00170 340 35	500
4.0 mm	40.0 mm	24.0 mm	8.0 mm	2.7 mm	AW20	00170 340 40	500
4.0 mm	45.0 mm	29.0 mm	8.0 mm	2.5 mm	AW20	00170 340 45	500
4.0 mm	50.0 mm	29.0 mm	8.0 mm	2.5 mm	AW20	00170 340 50	500
4.0 mm	60.0 mm	34.0 mm	8.0 mm	2.5 mm	AW20	00170 340 60	250
4.0 mm	70.0 mm	34.0 mm	8.0 mm	2.5 mm	AW20	00170 340 70	200
4.5 mm	40.0 mm	21.0 mm	8.9 mm	2.7 mm	AW20	00170 345 40	500
4.5 mm	45.0 mm	26.0 mm	8.9 mm	2.7 mm	AW20	00170 345 45	500
4.5 mm	50.0 mm	28.0 mm	8.9 mm	2.7 mm	AW20	00170 345 50	250
4.5 mm	60.0 mm	33.0 mm	8.9 mm	2.7 mm	AW20	00170 345 60	250
4.5 mm	70.0 mm	38.0 mm	8.9 mm	2.7 mm	AW20	00170 345 70	200
5.0 mm	50.0 mm	30.0 mm	9.6 mm	3.1 mm	AW20	00170 350 50	250
5.0 mm	55.0 mm	32.0 mm	9.6 mm	3.1 mm	AW20	00170 350 55	250
5.0 mm	60.0 mm	37.0 mm	9.6 mm	3.1 mm	AW20	00170 350 60	250
5.0 mm	70.0 mm	42.0 mm	9.6 mm	3.1 mm	AW20	00170 350 70	200
5.0 mm	80.0 mm	42.0 mm	9.6 mm	4.7 mm	AW30	00170 350 80	100
5.0 mm	90.0 mm	47.0 mm	9.6 mm	3.1 mm	AW20	00170 350 90	100
5.0 mm	100.0 mm	52.0 mm	9.6 mm	3.1 mm	AW20	00170 350 100	100
6.0 mm	100.0 mm	60.0 mm	12.0 mm	4.2 mm	AW30	00170 360 100	100
6.0 mm	120.0 mm	70.0 mm	12.0 mm	4.2 mm	AW30	00170 360 120	100

ASSY® 3.0 YELLOW GALVANISED PARTICLE BOARD SCREW

For universal use in furniture construction, shopfitting, fitting attachments and interior fittings.



ETA-11/0190



Material: Hardened steel
Surface: Yellow galvanised
Head type: Countersunk head
Screw-thread design: Full thread
Thread type: Wood screw thread
Thread format: Single thread
Shape of tip: Tip with ring thread
Area of application: Universal, Furniture, Body, Fitting
Suitable for use in the following materials: Board ply wood, Wood, Derived timber product, Hardwood, LVL, Softwood

d	l	Thread length (lg)	dh	k	Internal drive	Art. No.	P. Qty.
3.0 mm	16.0 mm	13.0 mm	6.0 mm	1.8 mm	AW10	00170 230 16	1000
3.0 mm	20.0 mm	17.0 mm	6.0 mm	1.8 mm	AW10	00170 230 20	1000
3.5 mm	16.0 mm	13.0 mm	7.0 mm	2.1 mm	AW20	00170 235 16	1000
3.5 mm	20.0 mm	16.0 mm	7.0 mm	2.1 mm	AW20	00170 235 20	1000
3.5 mm	30.0 mm	25.0 mm	7.0 mm	2.1 mm	AW20	00170 235 30	1000
3.5 mm	40.0 mm	35.0 mm	7.0 mm	2.1 mm	AW20	00170 235 40	500
3.5 mm	50.0 mm	45.0 mm	7.0 mm	2.1 mm	AW20	00170 235 50	500
4.0 mm	20.0 mm	16.0 mm	8.0 mm	2.5 mm	AW20	00170 240 20	1000
4.0 mm	30.0 mm	24.0 mm	8.0 mm	2.5 mm	AW20	00170 240 30	500
4.0 mm	40.0 mm	34.0 mm	8.0 mm	2.5 mm	AW20	00170 240 40	500
4.0 mm	50.0 mm	44.0 mm	8.0 mm	2.5 mm	AW20	00170 240 50	500
4.5 mm	17.0 mm	13.0 mm	8.9 mm	2.7 mm	AW20	00170 245 17	500
4.5 mm	50.0 mm	33.0 mm	8.9 mm	2.7 mm	AW20	00170 245 50	250
4.5 mm	60.0 mm	50.0 mm	8.9 mm	2.7 mm	AW20	00170 245 60	250
5.0 mm	80.0 mm	72.0 mm	9.6 mm	3.1 mm	AW20	00170 250 80	100

ASSY® PLUS YELLOW GALVANISED PARTICLE BOARD SCREW

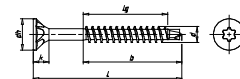


Material: Hardened steel
Surface: Yellow galvanised
Head type: Countersunk head 75 degree
Head details: Milling pockets
Screw-thread design: Partial thread
Thread type: Wood screw thread
Thread format: Single thread
Shape of tip: Drilling tip
Area of application: Furniture, Body, Store construction, Exhibition stand construction, Interior fitting
Suitable for use in the following materials: Board ply wood, Wood, Derived timber product, Hardwood, LVL, Softwood

For universal fastening of wood-wood or steel-wood connections close to the edges in furniture construction, shopfitting and timber construction applications and for internal fittings.



ETA-11/0190
 General technical approval



d	l	Thread length (lg)	Screw-thread length with drill tip (b)	d _n	k	Internal drive	Art. No.	P. Qty.
4.0 mm	35.0 mm	18.0 mm	21.5 mm	8.0 mm	2.5 mm	AW20	00165 224 35	500
4.0 mm	40.0 mm	21.0 mm	24.5 mm	8.0 mm	2.5 mm	AW20	00165 224 40	500
4.0 mm	45.0 mm	26.0 mm	29.5 mm	8.0 mm	2.5 mm	AW20	00165 224 45	500
4.0 mm	50.0 mm	26.0 mm	29.5 mm	8.0 mm	2.5 mm	AW20	00165 224 50	500
4.0 mm	60.0 mm	31.0 mm	34.5 mm	8.0 mm	2.5 mm	AW20	00165 224 60	250
4.0 mm	70.0 mm	31.0 mm	34.5 mm	8.0 mm	2.5 mm	AW20	00165 224 70	200

COUNTERSUNK POZI CHIPBOARD SCREW

For universal fastening of wood-wood in the
kitchen and cabinet making industry



Material: Hardened steel

Surface: Yellow passivated

Head type: Pozi Drive

Screw-thread design: Partial thread

Thread type: Particle board thread

Thread format: Single thread

Shape of tip: Drilling tip

Area of application: Constructing of cupboard carcasses in the
kitchen and cabinet building industry

Suitable for use in the following materials: Chipboard/
particles board and some soft woods

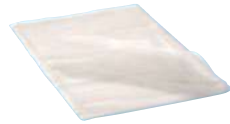
Art. No.	Description	Colour	Size	QTY
01186 3 12	CSK POZI CHIPB.SCREW	YELLOW	3 X 12	2000
01186 3 16	CSK POZI CHIPB.SCREW	YELLOW	3 X 16	2000
01186 3 20	CSK POZI CHIPB.SCREW	YELLOW	3 X 20	2000
01186 35 16	CSK POZI CHIPB.SCREW	YELLOW	3.5 X 16	2000
01186 35 20	CSK POZI CHIPB.SCREW	YELLOW	3.5 X 20	2000
01186 35 25	CSK POZI CHIPB.SCREW	YELLOW	3.5 X 25	2000
01186 35 30	CSK POZI CHIPB.SCREW	YELLOW	3.5 X 30	2000
01186 35 40	CSK POZI CHIPB.SCREW	YELLOW	3.5 X 40	1000
01186 35 50	CSK POZI CHIPB.SCREW	YELLOW	3.5 X 50	1000
01186 4 16	CSK POZI CHIPB.SCREW	YELLOW	4 X 16	2000
01186 4 20	CSK POZI CHIPB.SCREW	YELLOW	4 X 20	2000
01186 4 25	CSK POZI CHIPB.SCREW	YELLOW	4 X 25	2000
01186 4 30	CSK POZI CHIPB.SCREW	YELLOW	4 X 30	2000
01186 4 35	CSK POZI CHIPB.SCREW	YELLOW	4 X 35	2000
01186 4 40	CSK POZI CHIPB.SCREW	YELLOW	4 X 40	1000
01186 4 45	CSK POZI CHIPB.SCREW	YELLOW	4 X 45	1000
01186 4 50	CSK POZI CHIPB.SCREW	YELLOW	4 X 50	1000
01186 4 60	CSK POZI CHIPB.SCREW	YELLOW	4 X 60	1000
01186 4 70	CSK POZI CHIPB.SCREW	YELLOW	4 X 70	1000
01186 5 100	CSK POZI CHIPB.SCREW	YELLOW	5 X 100	1000
01186 5 25	CSK POZI CHIPB.SCREW	YELLOW	5 X 25	2000
01186 5 30	CSK POZI CHIPB.SCREW	YELLOW	5 X 30	2000
01186 5 35	CSK POZI CHIPB.SCREW	YELLOW	5 X 35	2000
01186 5 40	CSK POZI CHIPB.SCREW	YELLOW	5 X 40	1000
01186 5 45	CSK POZI CHIPB.SCREW	YELLOW	5 X 45	1000
01186 5 50	CSK POZI CHIPB.SCREW	YELLOW	5 X 50	1000
01186 5 60	CSK POZI CHIPB.SCREW	YELLOW	5 X 60	1000
01186 5 70	CSK POZI CHIPB.SCREW	YELLOW	5 X 70	1000
01186 5 75	CSK POZI CHIPB.SCREW	YELLOW	5 X 75	1000

SUITABLE ACCESSORIES FOR THE FINAL TOUCH

Velcro support plate for multi-hole sanding discs
Art. no. 00586 66 ...



Dust binder cloth
Art. no. 01899 700 001



Disposable breathing mask
Art. no. 00899 121 ...



Ear muffs
Art. no. 00899 300 361



Cordless Drills/Screwdriver 10.8V, 14.4V & 18V
Art. no. 00702 600...



Hand Circular Saw
Art. no. 00702 600 010



Random orbital sander
Art. no. 0702 129 0



Pneumatic random orbital sander
Art. no. 00703 752/753...



Glue Roller
Art. no. 00891 181...



Hinge Borer
Art. no. 00683 800 400



Chisels
Art. no. 00715 653 ...



Bits and Bit Holders
Art. no. 00613 ...



Web Spray Adhesive
Art. no. 00893 100 00...



Polyurethane Glue
Art. no. 00892 100 180...



Acrylic Sealer
Art. no. 00892 165



Spray Varnish
Art. no. 00893 188...



Wax Sticks
Art. no. 00890 403...

