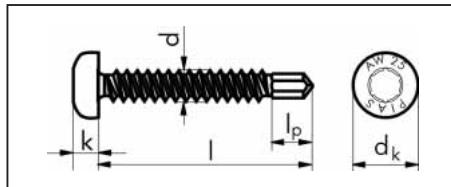


## SELF-TAPPING pias®



Nominal dia. d in mm	2.9	3.5	3.9	4.2	4.8	5.5
Head dia. d <sub>k</sub> in mm	5.3	6.9	7.5	8.0	9.5	10.8
k in mm	2.6	2.75	3.10	3.45	3.85	3.95
l <sub>p</sub> in mm	2.5	3.0	3.1	3.7	4.5	5.7
Drive	AW10	AW10	AW20	AW20	AW25	AW25
Drilling range in mm	0.7-1.9	0.7-2.25	0.7-2.4	1.75-3.0	1.75-4.0	1.75-5.25
Guideline values for processing speeds (idle)*	1,700 – 2,500 rpm			1,200 – 1,800 rpm		

\*Contact pressure: 100 N, screw in with depth stop if necessary

Nominal dia. d in mm	Length l in mm	pias® steel, galvanized, blue pass. Art. No.	P. Qty.	pias® A2 Only for use in aluminum Art. No.	P. Qty.
2.9	13	<b>0206 29 13</b>	100/1,000	<b>0206 129 13</b>	1,000
2.9	16	<b>0206 29 16</b>	100/1,000	–	
2.9	19	<b>0206 29 19</b>	100/1,000	–	
3.5	9.5	<b>0206 35 95</b>	100/1,000	–	
3.5	13	<b>0206 35 13</b>	100/1,000	<b>0206 135 13</b>	1,000
3.5	16	<b>0206 35 16</b>	100/1,000	<b>0206 135 16</b>	1,000
3.5	19	<b>0206 35 19</b>	100/1,000	<b>0206 135 19</b>	1,000
3.5	22	<b>0206 35 22</b>	100/1,000	<b>0206 135 22</b>	1,000
3.5	25	<b>0206 35 25</b>	100/1,000	<b>0206 135 25</b>	1,000
3.9	13	<b>0206 39 13</b>	100/1,000	<b>0206 139 13</b>	1,000
3.9	16	<b>0206 39 16</b>	100/1,000	<b>0206 139 16</b>	1,000
3.9	19	<b>0206 39 19</b>	100/1,000	<b>0206 139 19</b>	1,000
3.9	22	<b>0206 39 22</b>	100/1,000	<b>0206 139 22</b>	1,000
3.9	25	<b>0206 39 25</b>	100/1,000	<b>0206 139 25</b>	1,000
3.9	32	<b>0206 39 32</b>	100/1,000	<b>0206 139 32</b>	100
3.9	39	<b>0206 39 38</b>	100	<b>0206 139 38</b>	100
4.2	13	<b>0206 42 13</b>	100/1,000	<b>0206 142 13</b>	1,000
4.2	16	<b>0206 42 16</b>	100/1,000	<b>0206 142 16</b>	1,000
4.2	19	<b>0206 42 19</b>	100/1,000	<b>0206 142 19</b>	1,000
4.2	22	<b>0206 42 22</b>	100/1,000	<b>0206 142 22</b>	1,000
4.2	25	<b>0206 42 25</b>	100/1,000	<b>0206 142 25</b>	1,000
4.2	32	<b>0206 42 32</b>	100/1,000	–	
4.2	38	<b>0206 42 38</b>	100	–	
4.2	45	<b>0206 42 45</b>	100	–	
4.8	13	<b>0206 48 13</b>	100/1,000	<b>0206 148 13</b>	1,000
4.8	16	<b>0206 48 16</b>	100/1,000	<b>0206 148 16</b>	1,000
4.8	19	<b>0206 48 19</b>	100/1,000	<b>0206 148 19</b>	1,000
4.8	22	<b>0206 48 22</b>	100/1,000	<b>0206 148 22</b>	1,000
4.8	25	<b>0206 48 25</b>	100/500	<b>0206 148 25</b>	500
4.8	32	<b>0206 48 32</b>	100/500	<b>0206 148 32</b>	500
4.8	38	<b>0206 48 38</b>	100/500	<b>0206 148 38</b>	500
4.8	45	<b>0206 48 45</b>	100/500	<b>0206 148 45</b>	300
4.8	50	<b>0206 48 50</b>	100/500	<b>0206 148 50</b>	300
4.8	55	<b>0206 48 55</b>	100/500		
4.8	60	<b>0206 48 60</b>	100/500		
5.5	16	<b>0206 55 16</b>	100/500		
5.5	19	<b>0206 55 19</b>	100/500		
5.5	22	<b>0206 55 22</b>	100/500		
5.5	25	<b>0206 55 25</b>	100		
5.5	32	<b>0206 55 32</b>	100		
5.5	38	<b>0206 55 38</b>	100		
5.5	45	<b>0206 55 45</b>	100		
5.5	50	<b>0206 55 50</b>	100		
5.5	60	<b>0206 55 60</b>	100		

Storable in ORSY®

Galvanized drilling screws may only be used where dampness is not to be expected. For fasteners with construction approval, the approval and in particular Part 2 "Special regulations" must always be observed.

### Tallow-drop with AW® drive

Faster than any twist drill bit – Reduces installation costs by at least 50%.

- Galvanized steel, blue passivated (A3K)
- A2 (only for use in aluminum and plastic)

### • Equipment pack: 1 Bit

### For elongated joint screwing of:

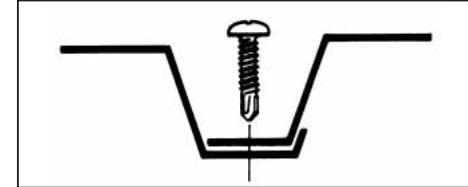
Sheet-steel profiles and sheet-aluminum profiles.

Type: Galvanized steel, dia. 4.2 and 4.8:

General construction approval

Z-14.1-4

European Technical Approval ETA  
10/0184



- Drilling, thread forming, screwing – everything in one step.
- Considerably reduced time and effort.
- Exact drilling diameter for each screw connection, resulting in minimization of thread tolerance  
→ always an optimum connection.
- Avoidance of installation errors.
- Optimum torque transfer thanks to innovative AW® drive.

### AW® drive system:

- Improved torque transmission.
- Longer service life.
- Optimum centering.
- Improved installation rate thanks to fatigue-free screwing in; the required contact pressure for torque transmission is considerably lower.
- Largest possible contact surface of bit in screw drive.
- Even force distribution prevents damaging of the surface-protection coating and therefore ensures better resistance to corrosion.

### AW® bits

Size	1/4" Bit Art. No.	5/16" Bit Art. No.
AW 10	<b>0614 511 0</b>	–
AW 20	<b>0614 512 0</b>	<b>0614 552 0</b>
AW 25	<b>0614 512 5</b>	<b>0614 552 5</b>