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## Westfield Fasteners Assortment

# BZP Pozi Pan Head & Countersunk Head Self Tapping Screw Assortment

## Product Description

This convenient assortment contains a selection of the most commonly used Pozi pan head and Pozi countersunk head self-tapping screws manufactured from zinc plated steel for general-purpose fixing applications. The assortment is ideal for maintenance, workshop, trade and DIY use, providing a practical range of screw sizes suitable for fastening into sheet metal, plastics and other materials where a pre-formed thread is not available.

Pozi pan head screws offer a rounded head profile suitable for surface mounting applications, while Pozi countersunk head screws provide a flush finish when installed into a countersunk hole. Both screw types feature a Pozi drive recess for improved driver engagement and reduced cam-out during installation.

Dimensional requirements and tolerances for the Pozi pan head screws are based on DIN 7981. Dimensional requirements and tolerances for the Pozi countersunk head screws are based on DIN 7982. Refer to Figures 1 and 2 and the accompanying tables for detailed dimensional information.

## Assortment Content

**Screw Types** - Pozi Pan Head Self-Tapping Screws (DIN 7981) and Pozi Countersunk Head Self-Tapping Screws (DIN 7982), Type AB

**Material** - Steel with Bright Zinc Plated (BZP) finish

**Pan Head Size Range** - No. 8 x 5/8" to No. 12 x 3/4" (4.2 x 16mm to 5.5 x 19mm)

**Countersunk Head Size Range** - No. 8 x 3/8" to No. 14 x 2" (4.2 x 9.5mm to 6.3 x 50mm)

**Approximate Contents** - 470 pieces

**Standards** - DIN 7981 and DIN 7982

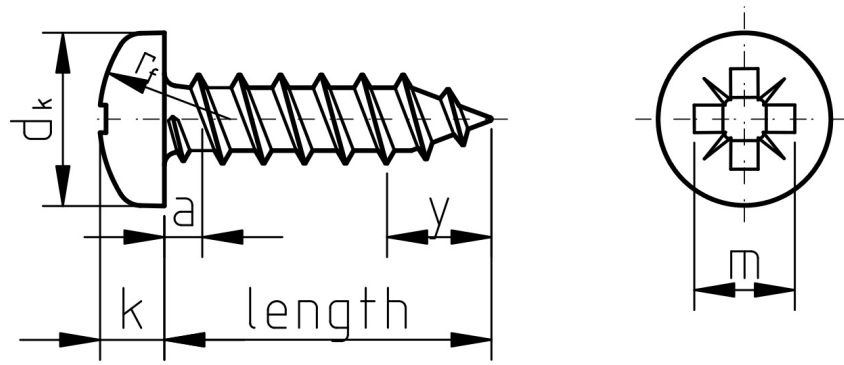


Figure 1: Pozi Pan Tapping Screw in Zinc Plated Steel

Table 1: Dimensions & Tolerances according to DIN 7981 (mm)

Thread Size		2.2 (no.2)	2.9 (no.4)	3.5 (no.6)	3.9 (no.7)	4.2 (no.8)	4.8 (no.10)	5.5 (no.12)	6.3 (no.14)	
Pitch, p		0.8	1.1	1.3	1.3	1.4	1.6	1.8	1.8	
a	max	0.8	1.1	1.3	1.3	1.4	1.6	1.8	1.8	
dk	max=nom	4.2	5.6	6.9	7.5	8.2	9.5	10.8	12.5	
	min	3.9	5.3	6.54	7.14	7.84	9.14	10.37	12.07	
k	max=nom	1.8	2.2	2.6	2.8	3.05	3.55	3.95	4.55	
	min	1.55	1.95	2.35	2.55	2.75	3.25	3.65	4.25	
r	max	0.3	0.4	0.5	0.5	0.6	0.7	0.8	0.9	
rf	=	3.4	4.4	5.4	5.8	6.2	7.2	8.2	9.5	
Cross Recess	Type Z	Cross Recess No.	1		2			3		
		m =	2.4	2.9	3.9	4.1	4.3	4.7	6.2	6.7
		Penetration Depth min	1.1	1.58	1.47	1.7	1.88	2.28	2.51	3.02
		Penetration Depth max	1.35	1.83	1.93	2.16	2.34	2.74	2.97	3.48
y max	Type C	2	2.6	3.2	3.5	3.7	4.3	5	6	
	Type F	1.6	2.1	2.5	2.7	2.8	3.2	3.6	3.6	

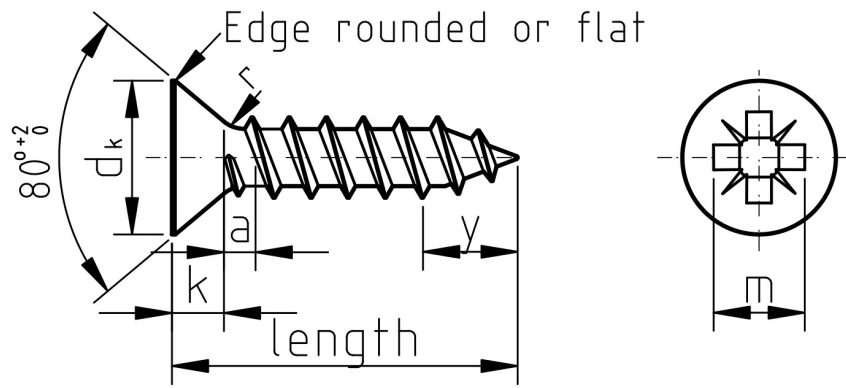


Figure 2: Pozi Countersunk Tapping Screw in Zinc Plated Steel

Table 2: Dimensions & Tolerances according to DIN 7982 (mm)

Thread Size		ST2.2	ST2.9	ST3.5	ST3.9	ST4.2	ST4.8	ST5.5	ST6.3	
p		0.8	1.1	1.3	1.3	1.4	1.6	1.8	1.8	
a	max	0.8	1.1	1.3	1.3	1.4	1.6	1.8	1.8	
dk	max=nom	4.3	5.5	6.8	7.5	8.1	9.5	10.8	12.4	
	min	4	5.2	6.44	7.14	7.74	9.14	10.37	11.97	
k	=	1.3	1.7	5.1	2.3	2.5	3	3.4	3.8	
r	max	0.8	1.1	1.4	1.5	1.6	1.9	2.1	2.4	
Cross Recess	Cross Recess No.		1		2			3		
	Type Z	m =	2.4	2.8	4	4.2	4.4	5	6.3	7
		Penetration Depth min	1.1	1.48	1.6	1.85	2.05	2.64	2.72	3.38
		Penetration Depth max	1.35	1.73	2.06	2.31	2.51	3.1	3.18	3.84
y max	Type C	2	2.6	3.2	3.5	3.7	4.3	5	6	
	Type F	1.6	2.1	2.5	2.7	2.8	3.2	3.6	3.6	

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