

Wall plugs Thorsman TP™



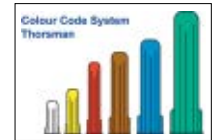
Description

TP is a wall plug of polythene for light-weight installations in most building materials. The plug is especially suitable for installations where shear loads are dominating. For mounting where pull-out loads dominate, or by high temperatures, metal fixings are recommended.

TP has a smooth surface to get high friction against the wall of the hole. Four slits spread the radial expansion in all dimensions.

The wall plug has a collar and wings to prevent the plug from rotating and disappearing into the hole.

TP has a unique Colour Code™ to identify each plug size. This Colour Code has been registered as a trade mark in all EU countries and in Norway. The Colour Code is printed on the cartons.

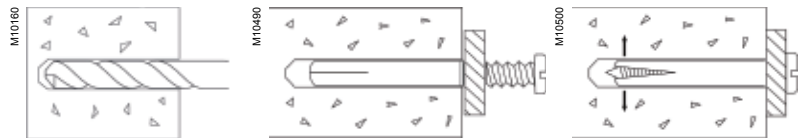


Material data

Material	HDPE (polyethylene HD).
Colours	White, yellow, red, brown, blue, green, grey, orange.

Operative data

Temperature range	-50°C to +80°C
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Drill the hole in accordance with the table and install the plug. In plasterboard – make a hole using a drill or an awl. The hole should be a press fit for the plug. Use TP1 yellow for a single sheet and TP2 red for double sheets.

Fix with a screw long enough to penetrate through the whole length of the plug and fixture.







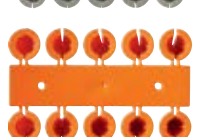







The installation is ready and the screw has expanded the plug in a correct way.

Technical data

TP type	Drill diameter		Min. drill depth	Wood screw	Practical loading cap. with biggest screw		
	Concrete	Low-density ²⁾ concrete			Concrete C25	Solid brick	Low-density ²⁾ concrete 500 and expanded clay
	mm	mm	mm	Ø mm	kN ³⁾	kN ³⁾	kN ³⁾
TP0	5.5	—	20	3.5–5	0.4/0.15	0.3/0.15	—
EA947-5,-5A TP1	5.5	5	25	3.5–5	0.5/0.25	0.4/0.2	0.1/0.04
EA947-8 TP2	5.5	5	40	3.5–5	0.6/0.4	0.5/0.3	0.15/0.04
TP2B	8	7	45	5–6	1.2/0.8	0.7/0.4	0.25/0.1
TP3	10	9	50	5–7	1.4/1.0	—	0.3/0.15
TP4	12	10	65	8–10	3.0/2.0	—	0.5/0.25
TP 14	14	—	78	10-12	4.0/2.5	—	—
TP 16	16	—	88	12	5.0/3.0	—	—
EA947-6,-6A TP 6x30	6	6	35	3.5–5	0.6/0.4	0.5/0.3	0.2/0.08

¹⁾ Safety factor 4.5 for shear and 6 for pull-out load.
²⁾ Low-density concrete might also be called lightweight or aerated concrete.
³⁾ 1 kN ≈ 100 kg.

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Range						
Type	Colour	Dimensions Ø/L (mm)	Qty per package	EAN code	Ref. No.	
Double-expanding, easy-to-install wall plug, colour coded for easy size identification. To be used in applications where shear loads dominate. Suitable for concrete, stone, low-density concrete, expanded clay, hollow bricks and blocks, solid bricks and plasterboard. Material: Polyethylene (HD).						
Plugs on sprue of ten						
 P125690	TP0	White	5.5/16.5	100	7315881000005	1000009
 P125691	TP1	Yellow	5.5/22	100	7315881001002	1001007
 P125692	TP2	Red	5.5/35	100	7315881003006	1003003
 P125693	TP2B	Brown	8/40	100	7315881005000	1005008
 P125694	TP3	Blue	10/45	10	3606480621539	IMT48002
 P130553	TP14	Grey	14/70	10	3606480335037	IMT38063
 P128201	TP16	Orange	16/80	10	3606480335044	IMT38064
Single plugs						
 P125020	TP0	White	5.5/16.5	500	7315881000012	1000017
 P125019	TP1	Yellow	5.5/22	500	7315881001026	1001023 EA947-5
				100	7315880100003	1001025 EA947-5A
 P125018	TP2	Red	5.5/35	250	7315881003013	1003011
 P89050	TP 6x30	Red	6/30	100	7315881003020	1003020 EA947-6
				250	7315880100010	1003029 EA947-6A
 P125017	TP2B	Brown	8/40	100	7315881005017	1005016 EA947-8
 P125016	TP3	Blue	10/45	100	3606480619489	IMT48000
 P125015	TP4	Green	12/60	50	3606480619496	IMT48001