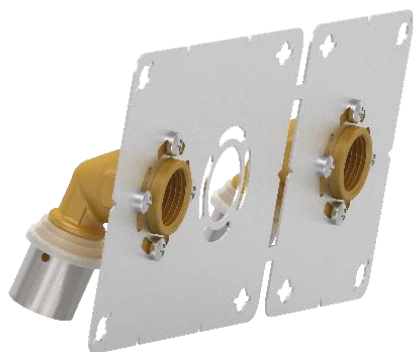
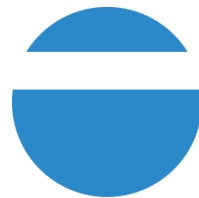




Français

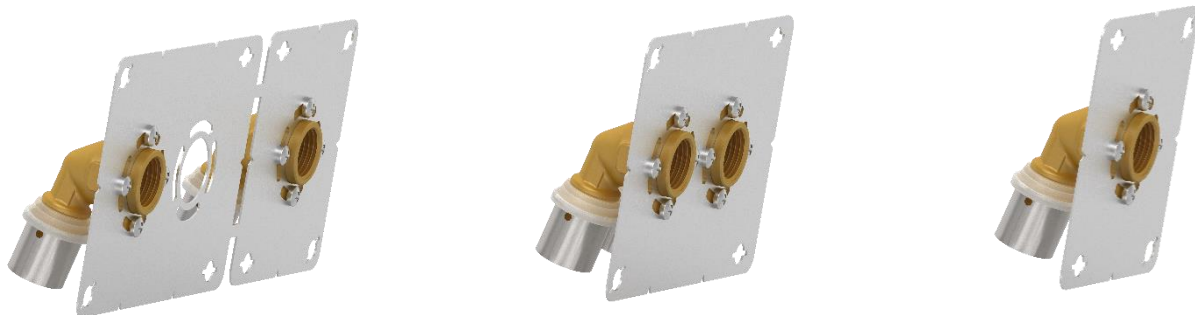
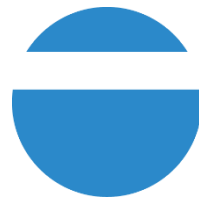
pag.2

Italiano

pag.6

English

pag.10



Le produit

Kit complet de montage mural sur plaque de plâtre pour robinets de 150 mm, 50 mm ou à simple embout.

Les raccords insérés font partie de la famille Pexal® Brass, le système Valsir press-fit en laiton ; les bouchons de fermeture du système pour protection contre la saleté, les bouchons de fixation et la plaque de support en acier inoxydable complètent le kit.

Fonctionnalités

Les caractéristiques des kits Pexal® Fix sont telles qu'elles rendent ce produit très fiable et extrêmement facile à installer.

- **Simplicité**
La technique de jonction des raccords Pexal® Brass a été conçue pour simplifier et accélérer les opérations de montage générant une réduction conséquente des coûts d'installation.
- **Attestation de conformité sanitaire**
Les raccords à sertir en laiton sont certifiés pour le transport d'eau potable ; ils peuvent donc être utilisés pour la réalisation d'installations de distribution d'eau sanitaire chaude et froide.
- **Flexibilité**
La gamme de kits Pexal® Fix couvre toutes les exigences d'installation, en comptant les solutions simples ou doubles avec différents entraxes, les raccords droits ou à 105°, et les bouchons adaptés à différentes épaisseurs de mur.
- **Multi-empreinte**
Les raccords Pexal® Brass sont multi-empreintes puisqu'ils peuvent être sertis par une vaste gamme de profils de sertissage (H, TH, U), ce qui permet à l'installateur d'utiliser mâchoires ou inserts en sa possession.
- **Fiabilité**
Les raccords ont été conçus pour signaler immédiatement l'absence de sertissage lors de la mise en épreuve de l'installation, qui, d'après les normes internationales, est nécessaire quand l'installation se termine.
Grâce au profil particulier de l'embout, les raccords signalent par une fuite immédiate l'absence de sertissage permettant de cette manière d'identifier précisément l'emplacement de la remise en conformité (bague non sertie).
Signalisation de fuites pendant la mise en épreuve de l'installation en cas d'absence de sertissage sur les diamètres 16 à 32 mm (pour une pression comprise entre 0,5 et 2 bar).
De plus, ces raccords sont munis d'un embout spécial ayant un profil particulier qui empêche le déboîtement du tube et des deux joints d'étanchéité pour garantir le plus haut niveau possible d'étanchéité et de fiabilité dans le temps. L'intégrité physico-chimique du raccordement est assurée par une bague plastique qui isole la couche d'aluminium du tube multicouche de l'alliage en laiton du corps du raccord.

Données techniques

Caractéristiques des raccords Pexal® Fix.

Corps	Laiton
Bague	Acier inox AISI 304 avec fenêtres d'inspection pour contrôler l'insertion correcte du tube
Guarnizioni	2 en EPDM
Isolation électro-galvanique	Anneau d'isolation en PTFE qui empêche le contact entre la couche d'aluminium du tube et le corps du raccord
Plaque	Acier galvanisé
Diamètres	16÷20 mm
Température minimum d'emploi⁽¹⁾	-60°C
Température maximum	+95°C/+100°C
Pression maximum	+10 bar
Tubes compatibles	Pexal®, Mixal®, Thermoline®
Outils nécessaires	Coupe-tuyaux, calibre, machine à presser, lubrifiant

(1) Dans tous les cas au dessus de la température de gel du fluide transporté.

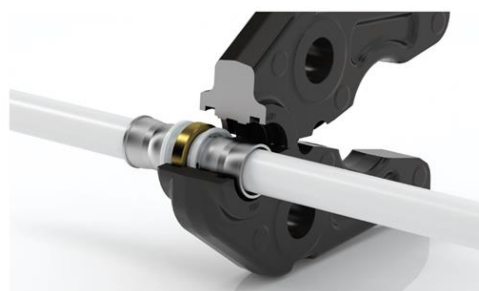
Profilés de pressage pour raccords Pexal® Fix.

Diamètre	Profil pressant
16x2	H, TH, U
20x2	H, TH, U

Note. Pendant l'installation, il est recommandé de toujours vérifier les profils de sertissage compatible avec le raccord à sertir.



Profil de pressage H, U



Profil de pressage TH

Gamme

Gamme de kit Pexal® Fix.

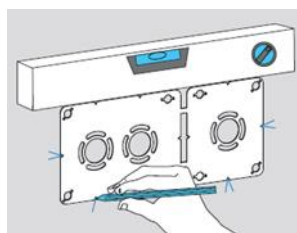
Utilisateur type	Entraxe [mm]	Figure	Diamètre	Épaisseur de paroi
Lavabo/évier/radiateur	50	Coude à 105°	16x2 – R 3/8 »	13 mm
Douche	150	Coude à 105°	16x2 – IDR 1/2 »	13 mm
Douche	150	Droit	16x2 – IDR 1/2 »	20 mm
Douche	150	Coude à 105°	20x2 – IDR 1/2 »	13 mm
Machine à laver	Mono	Coude à 105°	16x2 – IDR 1/2 »	13 mm
Machine à laver	Mono	Droit	16x2 – IDR 1/2 »	20 mm

Certifications

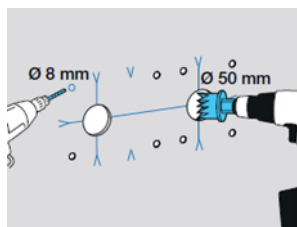
Les certifications concernant le système Pexal® et Mixal® peuvent être consultés sur le site www.valsir.it

Le système Pexal et les raccords Pexal® Brass sont certifiés EPD (déclaration environnementale des Produits) un document qui décrit les impacts environnementaux tout au long du cycle de vie d'une quantité spécifique de produits ou de services. Le document peut être téléchargé sur le site Web www.valsir.it dans la zone EPD

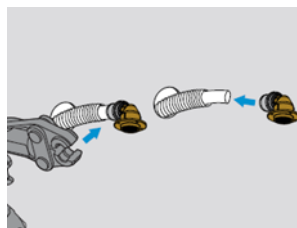
Installation



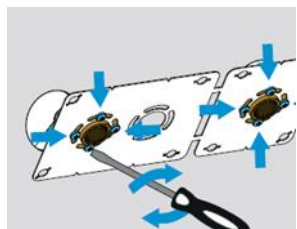
1) Positionner la plaque et marquer la position des trous au niveau des marques de centrage.



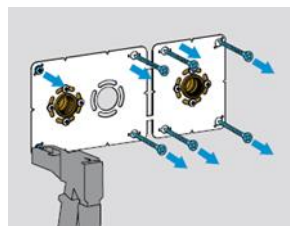
2) Percez les trous pour les chevilles à l'aide d'une perceuse munie d'une mèche de 8 mm et les trous pour les raccords à l'aide d'une fraise spéciale de 50 mm.



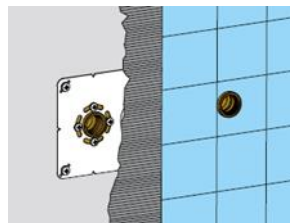
3) Installer les raccords Pexal Brass dans le kit en suivant les instructions de la documentation technique Valsir correspondante.



4) Fixez les raccords à la plaque à l'aide des vis fournies.



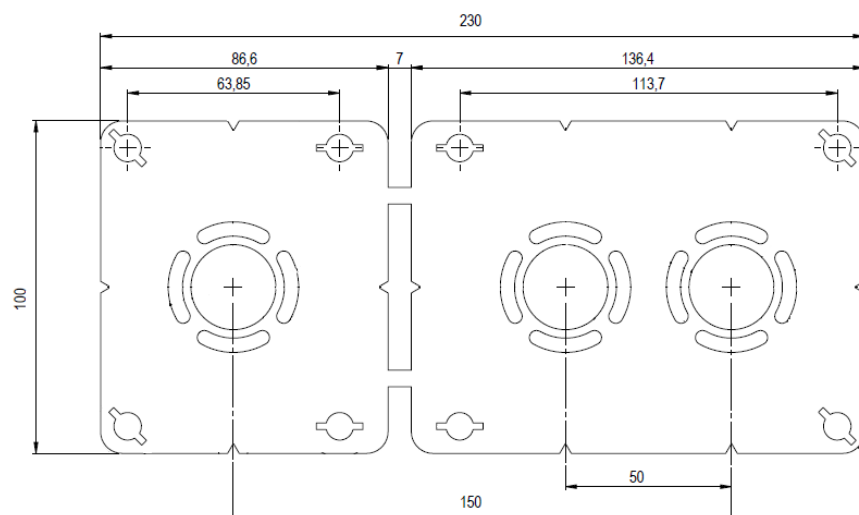
5) Positionnez la plaque contre le mur et fixez-la à l'aide des chevilles jusqu'à ce qu'elle soit complètement fixée. L'utilisation d'une pince pour les chevilles est recommandée.



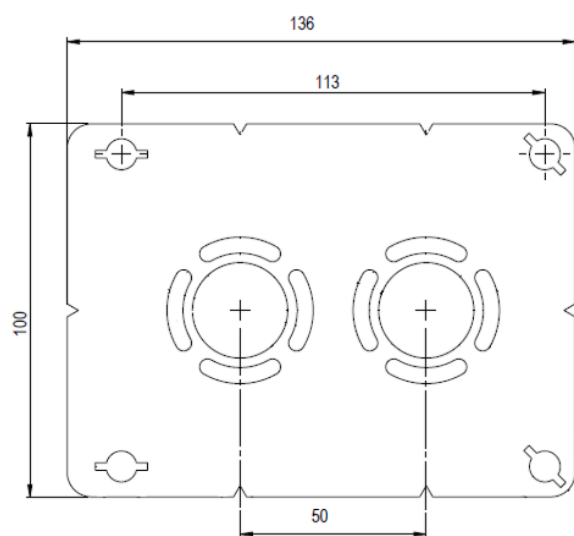
6) Couvrez la paroi protégeant les raccords de la saleté ou des matériaux de construction avec les bouchons fournis dans le kit.

Dimensionnel

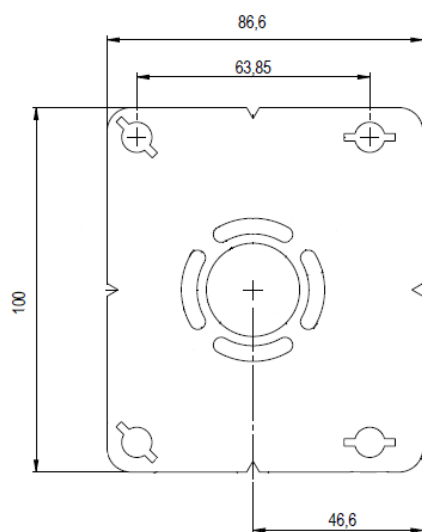
Plaque avec entraxe 150mm:

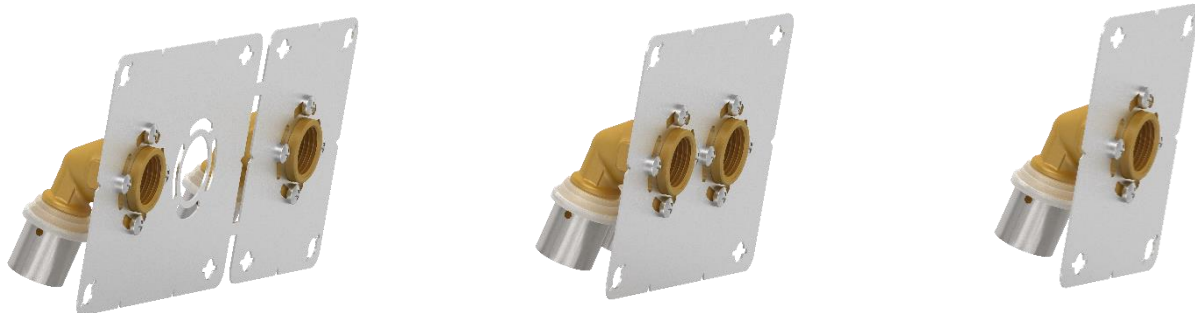
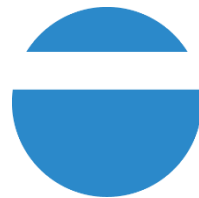


Plaque avec entraxe 50mm:



Plaque mono:





Il prodotto

Kit completo di fissaggio a parete in cartongesso per rubinetteria ad interasse 150mm, 50mm o a singolo attacco.

La raccorderia inserita fa parte della famiglia Pexal® Brass, il sistema Valsir a pressare in ottone; completano i tappi di chiusura impianto a protezione dello sporco, i tasselli di fissaggio e la placca in acciaio inox di supporto.

Caratteristiche

Le caratteristiche dei kit Pexal® Fix sono tali da rendere questo prodotto altamente affidabile ed estremamente facile da installare.

- **Semplicità**
La tecnica di giunzione dei raccordi Pexal® Brass è nata con l'idea di semplificare e velocizzare le operazioni di montaggio con la conseguente riduzione dei costi di installazione.
- **Igienicità**
I raccordi a pressare in ottone sono certificati per il trasporto dell'acqua potabile, possono pertanto essere impiegati per la realizzazione di impianti di distribuzione sanitaria di acqua calda e fredda.
- **Versatilità**
La gamma dei kit Pexal® Fix copre interamente quelle che sono le esigenze impiantistiche, conta soluzioni singole o doppie con diversi interassi, raccordi dritti o a 105°, tasselli adatti a diversi spessori di parete.
- **Multipressata**
I raccordi Pexal® Brass sono multipressata sono pertanto compatibili con un'ampia gamma di profili di pressatura (H, TH, U) e questo permette all'installatore di usare le ganasce di pressatura già in suo possesso senza doverne acquistare di nuove.
- **Sicurezza**
I raccordi sono stati studiati in modo tale da segnalare immediatamente la mancata pressatura durante la prova d'impianto che secondo le norme internazionali è necessaria una volta completato l'impianto (si veda quale riferimento il capitolo "Messa in servizio").
Grazie al particolare profilo del portagomma, i raccordi, segnalano la mancata pressatura attraverso il gocciolamento consentendo di individuare immediatamente il punto su cui intervenire (unpressed leaking).
Segnalazione della perdita durante la prova impianto in caso di mancata pressatura per pressioni comprese tra 0,5 e 2 bar.
I raccordi sono inoltre realizzati con uno speciale portagomma avente un profilo che impedisce lo sfilamento del tubo e due guarnizioni di tenuta per garantire la massima sicurezza ed affidabilità nel tempo.
L'integrità fisico-chimica dell'accoppiamento viene garantita da un anello in materia plastica che isola lo strato di alluminio del tubo multistrato dalla lega di ottone del corpo del raccordo.

Dati tecnici

Caratteristiche dei kit Pexal® Fix.

Corpo	Lega di ottone
Bussola	Acciaio inox AISI 304 con fori di ispezione per controllo del corretto inserimento del tubo
Guarnizioni	2 in EPDM
Disaccoppiamento chimico/fisico	Mediante anello di fondo in PE che impedisce il contatto dello strato di alluminio del tubo con il corpo del raccordo
Placca	Acciaio zincato
Range dimensionale	16÷20 mm
Temperatura minima di impiego⁽¹⁾	-60°C
Temperatura massima	+95°C/+100°C
Pressione massima	+10 bar
Tubazioni compatibili	Pexal®, Mixal®, Thermoline®
Attrezzature necessarie	Tagliatubo, calibratore, macchina pressatrice, lubrificante

(1) Comunque al di sopra della temperatura di congelamento del fluido trasportato.

Profili di pressatura per i raccordi Pexal® Fix.

Diametro	Profilo di pressatura
16x2	H, TH, U
20x2	H, TH, U

Nota. Durante l'installazione verificare sempre i profili di pressatura idonei per il raccordo in oggetto.



Profilo di pressatura H, U



Profilo di pressatura TH

Gamma

Gamma dei kit Pexal® Fix.

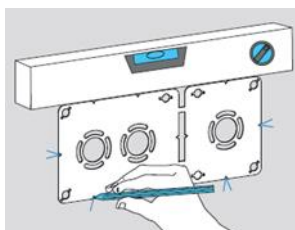
Utenza tipica	Interasse [mm]	Figura	Diametro	Spessore parete
Lavabo/Lavello/Radiatore	50	Gomito a 105°	16x2 – R 3/8"	13 mm
Doccia	150	Gomito a 105°	16x2 – Rp 1/2"	13 mm
Doccia	150	Dritto	16x2 – Rp 1/2"	20 mm
Doccia	150	Gomito a 105°	20x2 – Rp 1/2"	13 mm
Lavatrice	Mono	Gomito a 105°	16x2 – Rp 1/2"	13 mm
Lavatrice	Mono	Dritto	16x2 – Rp 1/2"	20 mm

Certificazioni

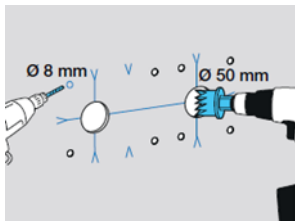
I marchi di qualità riguardanti la costruzione del sistema Pexal® e Mixal® sono consultabili sul sito www.valsir.it

Il sistema Pexal® e i raccordi Pexal® Brass sono certificati EPD, termine che deriva dall'inglese Environmental Product Declaration, documento che descrive gli impatti ambientali lungo il ciclo di vita di una specifica quanti di prodotto o servizio. Il documento è scaricabile sul sito www.valsir.it nell'area EPD.

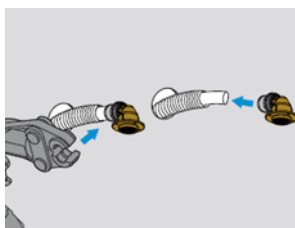
Installazione



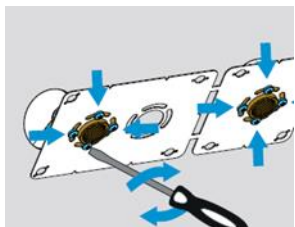
1) Posizionare la placca e segnare la posizione dei fori in corrispondenza delle apposite tacche di riferimento



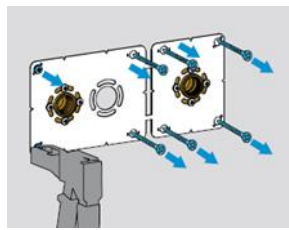
2) Effettuare i fori per i tasselli utilizzando un trapano con punta da 8 mm e i fori per il passaggio dei raccordi con fresa a tazza specifica da 50 mm.



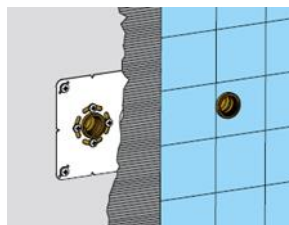
3) Installare i raccordi terminali Pexal Brass presenti nel Kit seguendo le istruzioni riportate sulla documentazione tecnica Valsir relativa.



4) Fissare con le viti fornite i raccordi alla placca



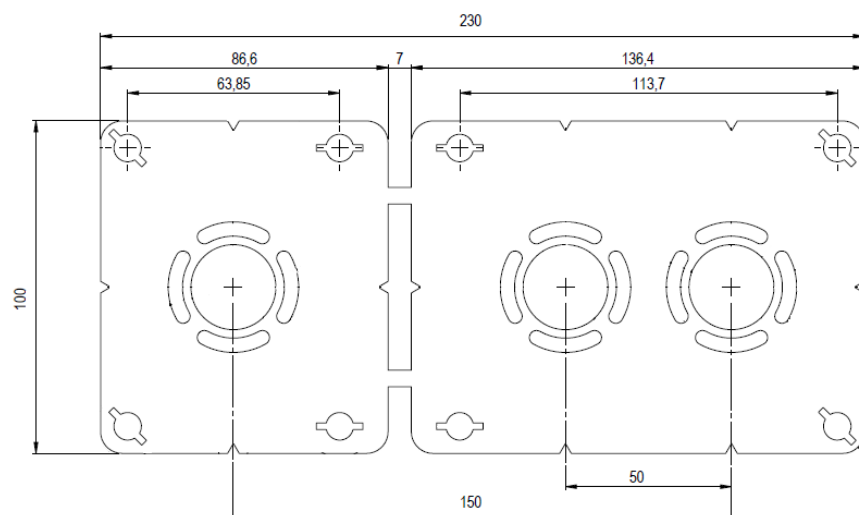
5) Posizionare in battuta sul muro la placca e fissarla con i tasselli forniti. Si suggerisce l'utilizzo di una pinza per tasselli ad espansione.



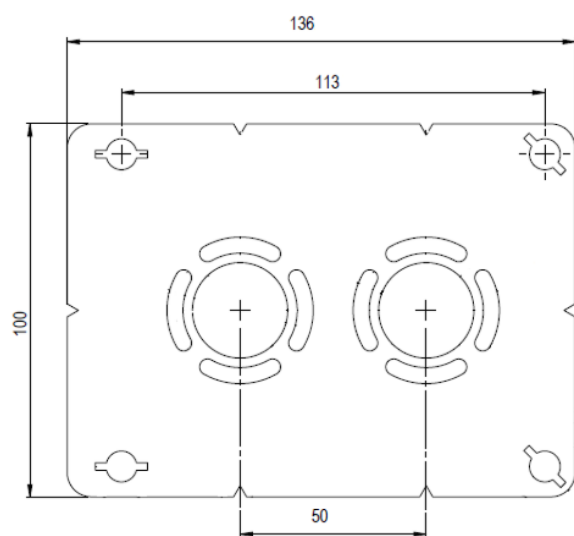
6) Rivestire la parete proteggendo i raccordi da impurità o materiale da costruzione con gli appositi tappi forniti nel kit.

Dimensioni

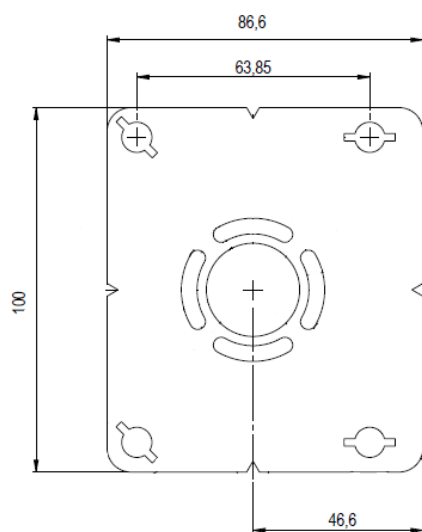
Placca interasse 150mm:

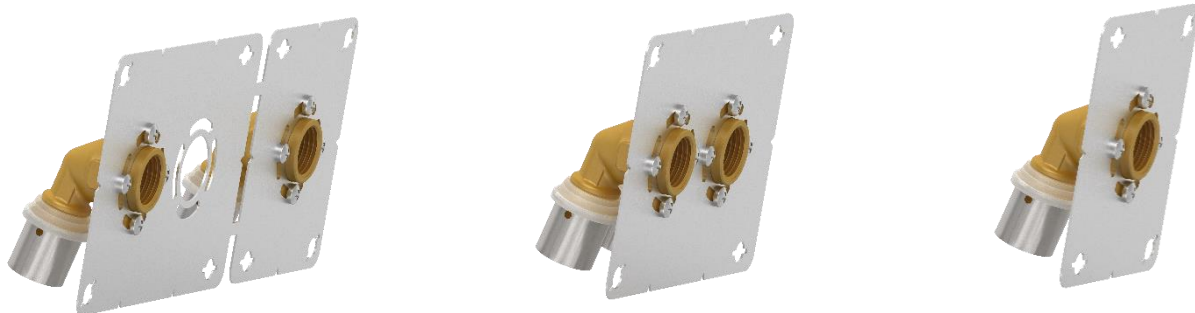
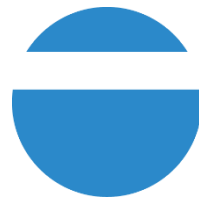


Placca interasse 50mm:



Placca mono:





The product

Gypsum wall full fixing set for faucets with centre-to-centre distance of 150 mm, 50 mm or with single connection. Fittings included belong to Pexal Brass, Valsir brass crimping line; also included are protection caps against debris inlet, fixing elements (anchor sleeves) and stainless-steel support plate.

Features

The characteristics of the kit Pexal[®] Fix make this product highly reliable and extremely easy to install.

- **Simplicity**
The Pexal[®] Brass jointing technique was born in order to simplify and speed up connection operations with a consequent reduction of installation costs.
- **Hygiene**
Brass press fittings are certified to transport potable water, and can therefore be used for the construction of domestic hot and cold water distribution systems.
- **Versatility**
Pexal Fix range fully covers all the installation needs, it has single or double solutions with several centre-to-centre distances, straight couplers or with 105° degrees, sleeve anchors suitable for several wall thickness.
- **Multipress**
The Pexal[®] Brass fittings are multipress and therefore compatible with a wide range of pressing profiles available on the market (H, TH, U, C, VAL) and this allows the plumber to use the pressing jaws already in his possession without having to buy new ones.
- **Safety**
The fittings are designed so that to indicate any incomplete pressing during system testing, which according to international standards is necessary once the system has been completed (please refer to the chapter "Commissioning").
Thanks to the particular profile of the insert, the fittings indicate incomplete pressing by dripping, thus immediately identifying the point to be repaired. (unpressed leaking).
Leakage detection during system testing in the event of incomplete pressing on diameters from 16 mm to 32 mm (for leaking test pressure between 0.5 and 2 bar).
Furthermore, the fittings are created with a special insert having a profile that prevents the pipe from becoming disconnected and two ring seals to guarantee maximum safety and reliability over time.
The physical and chemical integrity of the coupling is guaranteed by the anti-loosening profile, the double seal ring and a plastic ring that insulates the aluminium layer of the multilayer pipe from the brass alloy of the fitting body.

Technical data

Kit Pexal® Fix features.

Body	Brass alloy
Sleeve	AISI 304 stainless steel with inspection holes to check the correct insertion of the pipe
Seals	2 made of EPDM
Chemical / physical detachment	Through the bottom ring made of PE which prevents contact between the aluminium layer and the brass fitting
Plate	Galvanized steel
Dimensional range	16÷20 mm
Minimum operating temperature ⁽¹⁾	-60°C
Maximum temperature	+95°C/+100°C
Maximum pressure	+10 bar
Suitable pipes	Pexal®, Mixal®, Thermoline®
Equipment required	Pipe cutter, calibrator, lubricant, pressing machine

(1) At any rate above the freezing temperature of the transported fluid.

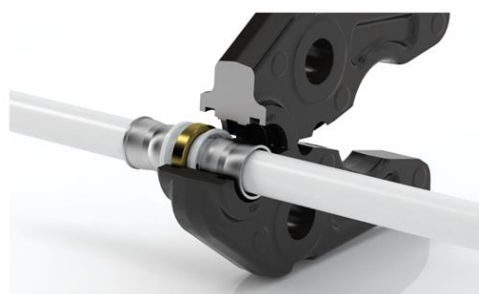
Pressing profiles for Pexal® Fix fittings.

Diameter	Pressing profile
16x2	H, TH, U
20x2	H, TH, U

Note: during installations, always check the suitable pressing profiles for the fitting in question.



Pressing profile H, U



Pressing profile TH

Range

Pexal® Fix range.

Use	Center to center distance [mm]	Item	Diameter	Wall thickness
Sink/Washbasin/Radiator	50	Elbow at 105°	16x2 – R 3/8"	13 mm
Shower	150	Elbow at 105°	16x2 – Rp 1/2"	13 mm
Shower	150	Straight coupling	16x2 – Rp 1/2"	20 mm
Shower	150	Elbow at 105°	20x2 – Rp 1/2"	13 mm
Washing machine	Mono	Elbow at 105°	16x2 – Rp 1/2"	13 mm
Washing machine	Mono	Straight coupling	16x2 – Rp 1/2"	20 mm

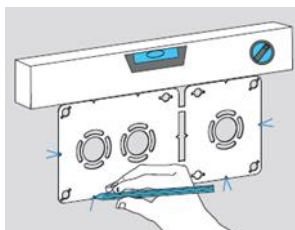
Approvals

The approvals of Valsir supply systems are available on the website www.valsir.it

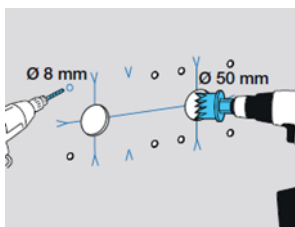
The Valsir system, composed by Pexal® pipes and Pexal® Brass fittings, is EPD (Environmental Product Declaration) certified. This document describes environmental impacts of a specific quantity of material or service during the life cycle.

The EPD document can be downloaded from the website www.valsir.it in the EPD area.

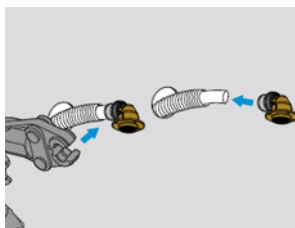
Installation



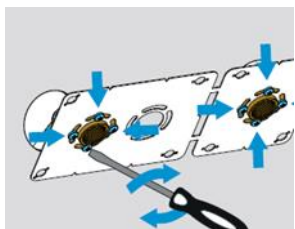
1) Place the plate on the wall and mark the holes position in correspondence of the notches



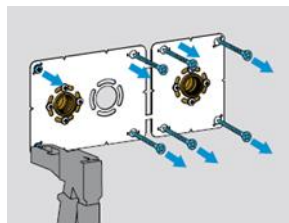
2) Drill for the sleeve anchors with an 8mm drill bit, and the holes needed for the fittings with a 50 mm core drill.



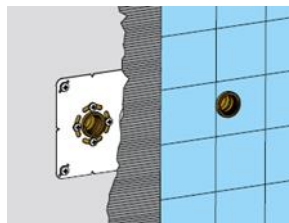
3) Install the Pexal Brass fittings in the kit following the instructions from the relevant Valsir technical documents.



4) Use the screws in the kit to fix the fittings to the plate



5) Place the plate onto the wall, and fix it with the sleeve anchors all the way down. The use of a pliers for sleeve anchors is recommended.



6) Cover the wall protecting the fittings from building materials using the caps included in the package

Dimensions

Plate with distance center to center 150mm:

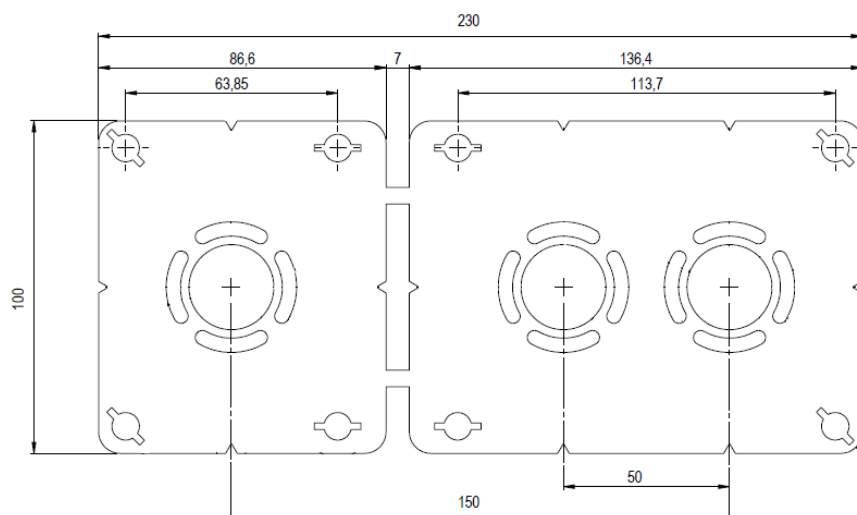


Plate with distance center to center 50mm:

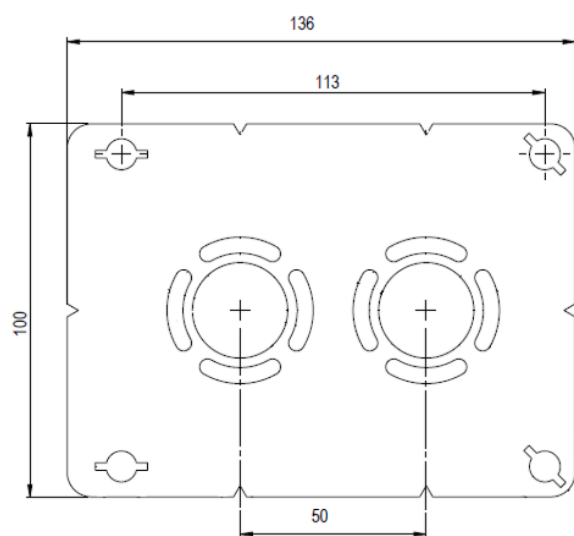


Plate mono:

