



INJECTION PACKERS

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Categories: [Bi-component injection series](#),
[Injection BLACK series](#), [Injection BOXER series](#)

Dati Tecnici: field_649c54c2b35b7 |

DESCRIZIONE DEL PRODOTTO

“Resin injectors” called “packers” are tools used in building and construction to perform the injection of epoxy resin or similar materials inside cracks, crevices or cavities in a structure in order to strengthen or repair it. These injectors are commonly referred to as “packers” because they serve as connection or insertion devices for introducing the injection material into the structure.

Here is how packers generally work:

1. **Surface preparation:** Before injectors are used, the surface of the crack or crevice must be prepared, often cleaned and degreased, to allow better adhesion of the injection material.
2. **Placement of packers:** The packers, which are small tubes or bushings generally made of metal or plastic, are placed inside the cracks or crevices through holes drilled in the surface with the drill and a drill bit of the corresponding diameter. One side of the packer is attached to the surface, inside the hole, through the clamping grommets.
3. **Resin injection:** After the packers are properly placed, epoxy resin or injection material is injected inside the cracks or crevices through the packers. This process can be carried out with the help of pumps and injection guns.
4. **Hardening and repair:** Once the injection material has been injected, it hardens and solidifies, reinforcing or sealing the crack or crevice, depending on the needs of the project.

This process is often used for structural rehabilitation of buildings or for sealing cracks to prevent water or gas infiltration. Resin injectors, known as packers, play a key role in this process, enabling the precise and controlled injection of material into the slots.

[Download the complete catalogue](#)

Esempio denominazione packer:

OPK 13 - 100 - M - 6

Tipo di packer (OPK) Valvola a sfera (M)
 Diametro esterno gomma Ø (13) Dimensione filetto vite inferna (6)
 Lunghezza packer (100)



Nome packer (Standard)	Lunghezza gomma	Vite a testa larga	Doppia gomma	Gomma a sporgenza lieve	Gomma a sporgenza pronunciata	Gomma con inserto interno	Dado in alluminio	Doppia valvola (one-day packer)	Valvola a testa piatta M6 (16 mm)	Valvola a testa piatta M8 (16 mm)	Valvola a testa piatta piccola (10mm)	Valvola a sfera a perdere
Altre possibili varianti di packers (tra parentesi dopo il nome del packer)												
Diam. foro Ø 8 mm												
OPK 8-90-M-5	30 mm	L	-	-	-	-	-	-	-	-	-	VK
Diam. foro Ø 10 mm												
OPK 10-70-M-5	30 mm	L	DG	-	-	-	-	-	-	-	-	VK
OPK 10-90-M-6	30 mm	L	DG	-	V	-	-	DV	P6	PB	mP	VK
OPK 10-100-M-5	40 mm	-	DG	-	-	-	AM	-	-	-	-	VK
OPK 10-100-M-6	35 mm	-	DG	-	V	-	-	DV	P6	PB	mP	VK
OPK 10-110-M-5	30 mm	L	-	T	-	-	AM	-	P6	-	mP	VK
OPK 10-110-M-6	35 mm	-	DG	-	V	-	-	DV	P6	PB	mP	VK
Diam. foro Ø 12 mm												
OPK 12-70-M-6	30 mm	-	-	-	V	-	-	-	-	-	-	VK
OPK 12-90-M-6	30 mm	-	DG	-	V	-	-	DV	P6	PB	mP	VK
OPK 12-100-M-6	40 mm	L	DG	-	V	-	-	DV	P6	PB	mP	VK
OPD 12-115-M-6	30 mm	-	DG	-	-	-	-	-	P6	PB	-	VK
Diam. foro Ø 14 mm												
OPK 13-70-M-6	30 mm	L	DG	-	V	BG	-	DV	P6	PB	mP	VK
OPK 13-90-M-6	30 mm	L	DG	-	V	BG	-	DV	P6	PB	mP	VK
OPK 13-100-M-6	40 mm	L	DG	-	V	BG	-	DV	P6	PB	mP	VK
OPK 13-110-M-6	30 mm	L	DG	T	V	BG	AM	-	P6	PB	mP	VK
OPK 13-120-M-6	40 mm	L	DG	-	V	BG	-	DV	P6	PB	mP	VK
OPK 13-150-M-6	30 mm	L	-	T	-	-	AM	-	P6	-	mP	VK
OPK 13-160-M-6	40 mm	L	DG	-	V	BG	AM	DV	P6	PB	mP	VK
OPK 14-70-M-6	30 mm	L	DG	-	V	-	-	DV	P6	PB	mP	VK
OPK 14-100-M-6	40 mm	L	DG	-	V	-	-	DV	P6	PB	mP	VK
OPK 14-100-M-8	40 mm	-	-	-	-	-	-	-	-	PB	mP	VK
OPD 13-115-M-6	30 mm	-	DG	-	V	BG	-	-	P6	PB	-	VK
APD 13-110-M-8	30 mm	L	DG	-	-	-	-	DV	-	PB	-	VK
Diam. foro Ø 16 mm												
OPK 16-70-M-6	30 mm	-	DG	-	-	-	-	DV	P6	PB	mP	VK
OPK 16-100-M-6	40 mm	-	DG	-	-	-	-	DV	P6	PB	mP	VK
Diam. foro Ø 18 mm												
OPK 17-100-M-8	35 mm	-	-	-	-	-	-	-	-	PB	mP	VK
OPD 17-115-M-8	35 mm	-	-	-	-	BG	-	-	-	PB	-	VK
Diam. foro Ø 20 mm												
OPD 19-150-M-10	60 mm	-	-	-	-	-	-	-	-	-	-	VK

Come scegliere il packer adatto



Categorie di packer

OPK - Packer semplici in acciaio



Sono i packer più semplici ed economici.

Caratteristiche costruttive **OPK**: vite senza testa, dado tensionatore, inserto in gomma, corpo premente esagonale, valvola a sfera (detta del tipo ad ingrassatore).

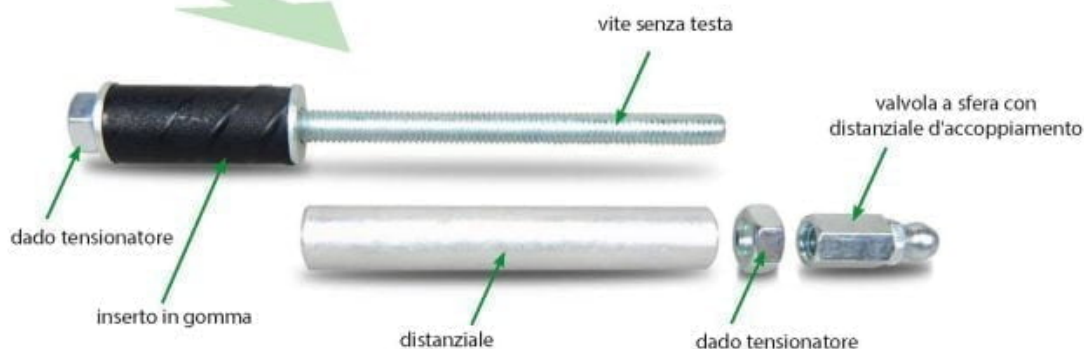


OPD - Packer in acciaio a valvola indipendente



La valvola di non-ritorno non è vincolata al corpo premente.

Caratteristiche costruttive **OPD**: vite senza testa, dado tensionatore, inserto in gomma, distanziale tondo, valvola a sfera su distanziale d'accoppiamento.



Esempi di denominazione packer:

OPK 13-90-M-6 (L-DG-AM)



OPK 12-110-M-6 (V-DV)



OPD 13-115-M-6 (P6)



OPK 13-110-M-6 (L-T-AM)



OPK 13-100-M-6 (P8)



A richiesta del cliente siamo in grado di fornire:

Packer OPK con gomma diam. \varnothing 8-17, lunghezza totale 70-1000 mm e vite M5, M6 e M8.

Packer OPD con gomma diam. \varnothing 8-32, lunghezza totale 80-3000 mm e vite M5, M6, M8 e M10.

