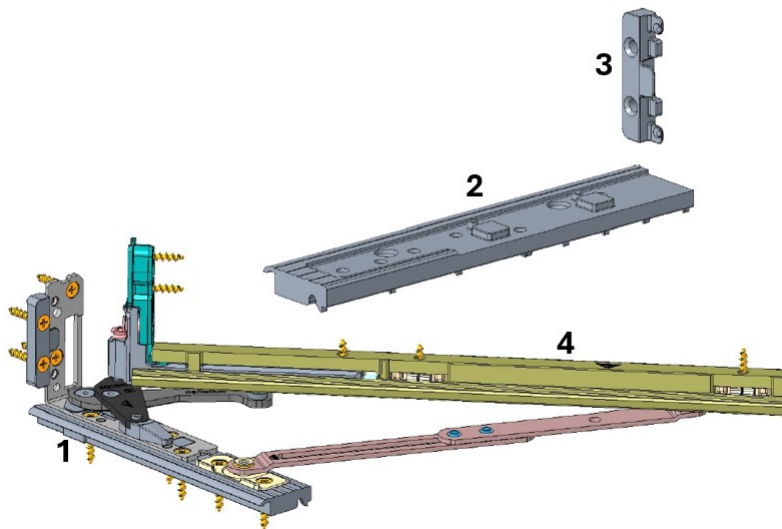


Article for threshold hinge side C



Overview

System

Window

Product

Roto NX

The universal hardware system for modern windows and balcony doors

Availability / Ordering ability

See article overview in attachment.

Documentation

- Application range: see IMO_580/581

- Functional air: see IMO_347 Chapter 3.2

- Article overview: see attachment "Article list hinge side C threshold"

Description

Update 19.05.2025: article list in the attachment has been updated

Update 03.09.2025: overview competitor threshold has been added

The new packer for the thresholds differ from the previous Designo II version in the following points:

Illustration 1: pivot rest for threshold

The large number of different pivot rests have been replaced by a new pivot rest for FT24 (2021487) and another pivot rest for FT30 (2047357). Compared to Designo II, it is not necessary to cut off the PVC packer. The recommended screw sequence can be found in IMOs 580/581 (chapter: Mounting pivot rests).

Illustration 2: packer for pivot rest horizontal

To reduce thermal bridges, the aluminum packer used in Designo II for hinge side C has been replaced by PVC packers.

Illustration 3: packer for pivot rest vertical

There are now four vertical packers (see article list in the appendix), which can be used on the right/left side and are clipped onto the base plate depending on the frame profile. The variants cover a height compensation of 3mm, 3.5mm, 4mm and 5mm (see illustration with dimension "X" in the article list).

Illustration 4: packer for corner hinge

If there is a collision between the weather profile strip and the hinge side, the corner hinge must be screwed directly (without packer) onto to the threshold. The corner hinge packer can then be used. For this purpose, a profile check and, if necessary, an durability test must be carried out.

Load transfer: For balcony doors with thresholds, Roto recommends a load transfer from 80 kg. From 100 kg, a load transfer must be installed (see IMOs 580/581 Chapter 3.3).

A potential sinking of the pivot rest due to the sash weight must be prevented by an appropriate substructure. It is the responsibility of the installer to ensure that the threshold can transfer the introduced sash weights via the pivot rest without yielding under the load.

If the element cannot be built with a packer from Roto, but must be screwed directly to the threshold, this results in an long-term functional performance test to be carried out.

Threshold locking points: Depending on the required safety, the distance between the locking points must be selected in the same way as for a circumferential frame, see IMOs 580/581.

Article Overview

Article Code	EAN No.	Unit	Material Group
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Overview competitor threshold

PVC

Manufacturer	Threshold	Accessible	Threshold height 20 mm	Hinge side		
				P	C	Designo (HA 13)
Roto	Eifel TB	–	■	■	■	■
Aluplast	System threshold	–	■	■	■	■
Deceuninck	Easystep	■	–	■	–	–
	eforte	–	■	■	■	■
Gealan	2560	–	■	■	■	■
	2595	–	■	■	–	–
Grundmeier	Basic / Combi	–	■	■	■	■
	Combi Plus	–	■	■	■	■
	Combi Plan	■	–	■	–	–
GU	System threshold 281 V	–	■	■	■	■
	DKS	–	■	■	–	■
Profine	System threshold Falztiefe 24	–	■	■	■	■
	PremiPlan Plus	■	–	■	–	–
Rehau	WIN 80 Synego Bodenschwelle	–	■	■	–	–
	Artevo	–	■	■	■	■
	Raucero	■	–	■	–	–
Salamander	proEvolution, 72 mm	–	■	■	■	■
	greenEvolution, 76 mm	–	■	■	■	■
	blueEvolution, 82 mm	–	■	■	■	■
Schüco	SI82	–	■	■	–	–
	LivIng	■	–	■	–	–
Veka	System 104,427	–	■	■	■	■
	System 104,094	–	■	■	■	■

timber

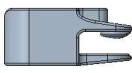
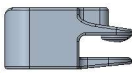
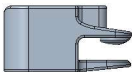
Manufacturer	Threshold	Accessible	Threshold height 20 mm	Hinge side			
				T	C	Designo (BA 13)	Power Hinge
Roto	Eifel TB	–	■	■	■	■	■
Grundmeier	Basic / Combi	–	■	■	–	–	■
	Combi Plus	–	■	■	■	■	■
	Combi Plan	■	–	■	–	–	■
GU	System threshold 281 V	–	■	■	■	■	–
		■	–	■	–	–	–
Gutmann	Weser 20	–	■	■	■	–	–

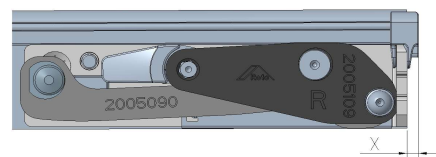
Roto Frank Fenster- und Türtechnologie GmbH

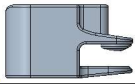
Wilhelm-Frank-Platz 1
70771 Leinfelden-Echterdingen
Deutschland

Ecklager Bodenschwelle <i>pivot rest threshold</i>			Zeichnungsnummer <i>drawing no.</i>	SAP-Nummer <i>SAP number</i>	Verfügbarkeit <i>availability</i>
FT24		r	2005403	2021487	ab sofort lieferbar <i>deliverable from now</i>
		l		2021486	ab sofort lieferbar <i>deliverable from now</i>
FT30		r	2005405	2047357	auf Anfrage <i>available on request</i>
		l		2047356	auf Anfrage <i>available on request</i>

Unterlage waagrecht <i>packer horizontal</i>			NX C				DII	
			Zeichnungsnummer <i>drawing no.</i>	SAP-Nummer <i>SAP number</i>	Material-Kurztext <i>material short text</i>	Verfügbarkeit <i>availability</i>	Zeichnungsnummer <i>drawing no.</i>	SAP-Nummer <i>SAP number</i>
Eifel TB12		r	2009890	2029129	Unterlage BSW 53 R	auf Anfrage <i>available on request</i>	808142	808142
		l		2029128	Unterlage BSW 53 L	auf Anfrage <i>available on request</i>		808141
Eifel TB10		r	2009883	2029127	Unterlage BSW 52 R	ab sofort lieferbar <i>deliverable from now</i>	771918	771918
		l		2029125	Unterlage BSW 52 L	ab sofort lieferbar <i>deliverable from now</i>		771917
Aluplast		r	2009894	2029133	Unterlage BSW 55 R	ab sofort lieferbar <i>deliverable from now</i>	822165	822165
		l		2029132	Unterlage BSW 55 L	ab sofort lieferbar <i>deliverable from now</i>		822159
Deceuninck		r	2009894	2029133	Unterlage BSW 55 R	ab sofort lieferbar <i>deliverable from now</i>	822165	822165
		l		2029132	Unterlage BSW 55 L	ab sofort lieferbar <i>deliverable from now</i>		822159
Gealan		r	2009894	2029133	Unterlage BSW 55 R	ab sofort lieferbar <i>deliverable from now</i>	822165	822165
		l		2029132	Unterlage BSW 55 L	ab sofort lieferbar <i>deliverable from now</i>		822159
Grundmeier		r	2009894	2029133	Unterlage BSW 55 R	ab sofort lieferbar <i>deliverable from now</i>	822165	822165
		l		2029132	Unterlage BSW 55 L	ab sofort lieferbar <i>deliverable from now</i>		822159
GKG		r	2009892	2029131	Unterlage BSW 54 R	ab sofort lieferbar <i>deliverable from now</i>	795644	795644
		l		2029130	Unterlage BSW 54 L	ab sofort lieferbar <i>deliverable from now</i>		795643
Profine		r	2009894	2029133	Unterlage BSW 55 R	ab sofort lieferbar <i>deliverable from now</i>	822165	822165
		l		2029132	Unterlage BSW 55 L	ab sofort lieferbar <i>deliverable from now</i>		822159
Rehau		r	2009894	2029133	Unterlage BSW 55 R	ab sofort lieferbar <i>deliverable from now</i>	822165	822165
		l		2029132	Unterlage BSW 55 L	ab sofort lieferbar <i>deliverable from now</i>		822159
GU		r	2009894	2029133	Unterlage BSW 55 R	ab sofort lieferbar <i>deliverable from now</i>	822165	822165
		l		2029132	Unterlage BSW 55 L	ab sofort lieferbar <i>deliverable from now</i>		822159
Salamander	proEvolution 72	r	2009883	2029127	Unterlage BSW 52 R	ab sofort lieferbar <i>deliverable from now</i>	771918	771918
		l		2029125	Unterlage BSW 52 L	ab sofort lieferbar <i>deliverable from now</i>		771917
	greenEvolution 76	r	2009883	2029127	Unterlage BSW 52 R	ab sofort lieferbar <i>deliverable from now</i>	771918	771918
		l		2029125	Unterlage BSW 52 L	ab sofort lieferbar <i>deliverable from now</i>		771917
	bluEvolution 82	r	2009894	2029133	Unterlage BSW 55 R	ab sofort lieferbar <i>deliverable from now</i>	822165	822165
		l		2029132	Unterlage BSW 55 L	ab sofort lieferbar <i>deliverable from now</i>		822159
Veka		r	2009896	2029135	Unterlage BSW 56 R	ab sofort lieferbar <i>deliverable from now</i>	824780	823866
		l		2029134	Unterlage BSW 56 L	ab sofort lieferbar <i>deliverable from now</i>		823923

Unterlage senkrecht <i>packer vertical</i>			Zeichnungsnummer <i>drawing no.</i>	SAP-Nummer <i>SAP number</i>	Verfügbarkeit <i>availability</i>
Maß "X"					
3mm		r/l	2008451	2008925	ab sofort lieferbar <i>deliverable from now</i>
3,5mm		r/l	2008452	2008927	ab sofort lieferbar <i>deliverable from now</i>
4mm		r/l	2008453	2008929	ab sofort lieferbar <i>deliverable from now</i>



5mm		r/l	2008454	2008931	ab sofort lieferbar <i>deliverable from now</i>
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Unterlage Eckband <i>packer corner hinge</i>		Zeichnungsnummer <i>drawing no.</i>	SAP-Nummer <i>SAP number</i>	Verfügbarkeit <i>availability</i>
	r/l	505175002	2042128	auf Anfrage <i>available on request</i>

Unterlage senkrecht <i>packer vertical</i>							
Maß "X"			Zeichnungsnummer <i>drawing no.</i>	SAP-Nummer <i>SAP number</i>	Verfügbarkeit <i>availability</i>	Trident Varianten- Nummer <i>Trident variant no.</i>	entsprechende Profile <i>corresponding profiles</i>
4mm		r/l	2008453	2008929	ab sofort lieferbar <i>deliverable from now</i>	P02	Gealan S3000 Gealan S7000 Gealan S8000 Gealan S9000
4mm		r/l	2008453	2008929	ab sofort lieferbar <i>deliverable from now</i>	P03	Kömmerling 88 Plus Kömmerling Eurodur 3S Kömmerling Eurofutur Classic Kömmerling Eurofutur Elegance
						P04	Rehau S 969 Synego Rehau S 980 Geneo Rehau S 986 EuroDesign 86
3mm		r/l	2008451	2008925	ab sofort lieferbar <i>deliverable from now</i>	P07	Rehau S 735 MD Rehau S 799 Brilliant Design (S 730)
4mm		r/l	2008453	2008929	ab sofort lieferbar <i>deliverable from now</i>	P08	KBE 70 AD Kömmerling 76 Trocacal 76 Profine 76 Profine 88
5mm		r/l	2008454	2008931	ab sofort lieferbar <i>deliverable from now</i>	P13	Aluplast energeto 8000 Aluplast Ideal 4000 Aluplast Ideal 5000 Aluplast Ideal 7000 Schüco Corona MD
3mm		r/l	2008451	2008925	ab sofort lieferbar <i>deliverable from now</i>	P14	Brüggemann AD 13 Brüggemann MD 13 LB Profile Pad Salamander BluEvolution 73 Salamander BluEvolution 82 Salamander GreenEvolution 76 Veka Alphasine 90 Veka Softline 70 MD Veka Softline 76 AD Veka Softline 76 MD Veka Softline 82 AD Veka Softline 82 MD Veka Topline AD 13 Veka Topline MD 13
5mm		r/l	2008454	2008931	ab sofort lieferbar <i>deliverable from now</i>	P15	Inoutic Prestige Inoutic Eforte
4mm		r/l	2008453	2008929	ab sofort lieferbar <i>deliverable from now</i>	P16	Salamander 2D Salamander 3D Salamander Design Streamline 76
						P17	Salamander BluEvolution 92 250 Roto Sil Links 2008608
						P28	Gealan Linear
3mm		r/l	2008451	2008925	ab sofort lieferbar <i>deliverable from now</i>	P35	Schüco CT70 AD Schüco CT70 MD Schüco SI82 MD Schüco Living 82 MD
ohne Unterlage senkrecht <i>without packer vertical</i>		r/l	ohne Unterlage senkrecht <i>without packer vertical</i>			P41	Gealan Kubus Gealan Kontur
3,5mm		r/l	2008452	2008927	ab sofort lieferbar <i>deliverable from now</i>	P44	Deceuninck Elegant Deceuninck Zendow
ohne Unterlage senkrecht <i>without packer vertical</i>		r/l	ohne Unterlage senkrecht <i>without packer vertical</i>			P47	Rehau Artovo