

**BOSSARD**

Proven Productivity



**Product Solutions**

모든 제품군

# Range overview

## 일반 체결 제품



표준 볼트, 너트, 와셔



직결 나사



풀림 방지 제품

## 특수 체결 제품



클린칭



리벳 락볼트



인서트



클립



용접 너트 스터드



본딩 솔루션

## PRODUCT SOLUTIONS

# Range overview

## 기능성 제품



전기전자 부품



잠금제어 부품



유공압 제품



씰링 제품

# 구성

Accessories for direct assembly screws	19	Blind rivets	26
Accessories and protection elements for standard fasteners elements	14	Closed end blind rivets	26
Accessories for embedding and surface bonding fasteners		Grounding blind rivets	26
Cover caps	37	Load-spreading blind rivets	26
Spring clips	37	Multigrip blind rivets	26
Adjusting rings / Clamping rings	47	Open end blind rivets	26
Anchorage systems		Peel blind rivets	26
Anchoring for heavy loads	12	Plastic blind rivets	26
Anchoring for light loads	12	Pull-thru blind rivets	26
Anchoring for medium loads	12	Speed rivets	26
Anchorage systems	14	Blind rivet studs	
Tools and equipment for anchorage systems	14	Standard blind rivet studs	28
Angle joints / Fork heads / Articulated joints		Cable glands	
Angle joints	48	Accessories and single parts for cable glands	39
Fork heads	48	Cable glands for hazardous areas	38
Rod Ends	48	Cable glands with metric thread	38
bigHead® with cable bracket		Cable glands without thread	38
round head	37	Cable glands with Pg-, NPT- and pipe thread	38
square head	37	Pressure balance elements	38
bigHead® with hook		Sealing grommets	38
square head	37	Cable protection	
bigHead® with loop		Arched elbows	42
square head	37	Buckling resistant / seals	42
bigHead® with nail		Grommets	42
round head	36	Push-in tube connectors	42
square head	36	Spiral wraps	42
bigHead® with nut		Straight connectors	42
rectangular head	36	System support	42
round head	36	Tubings	42
square head	36	Tubings for cable protection	42
bigHead® with pin		Type connectors	42
rectangular head	36	Wiring ducts	42
round head	36	Cable ties	
square head	36	Cable ties adjustable	40
bigHead® with threaded bolt		Cable ties ball-locking	40
rectangular head	36	Cable ties detectable	40
round head	36	Cable ties double loop	40
square head	36	Cable ties ladder type	40
bigHead® with threaded collar		Cable ties no tool needed	40
rectangular head	37	Cable ties releasable	40
round head	37	Cable ties strip hook and loop	40
square head	37	Cable ties wing push mount	40
Blind rivet nuts		Cable ties with integrated mounting hole	40
Closed end blind rivet nuts	28	Cable ties with tongue	40
Controlled deformation blind rivet nuts	28	High-strength cable ties	40
Micro blind rivet nuts	28	Standard cable ties	40
Multigrip blind rivet nuts	28	Various cable ties	40
Open end blind rivet nuts	28	Clamping and positioning elements	
		Balls	12
		Hose clamps	12
		Wire rope shackles / Wire rope clips / Wire rope thimbles	12
		Clinching broach	
		Broaching nuts	25
		Broaching standoffs	25
		Broaching studs	25
		Broaching threaded standoffs	25
		Surface mount fasteners	25

<b>Clinching clinch</b>		<b>Locking nuts</b>	
Panel fasteners	24	Axial locking	20
Riveting nuts	24	Hex nuts with integrated locking washer	20
Self-clinching standoffs	24	Locking nuts with polyamide insert	20
Self-clinching fasteners with concealed head	24	Metallic locking nut	20
Self clinching locking nuts	24	Radial locking	20
Self-clinching micro fasteners	24		
Self-clinching nuts	24	<b>Mountings for cables and pipes</b>	
Self-clinching pins	24	Adhesive backed mounts	41
Self-clinching right angle fasteners	24	Cable tie mounts	41
Self-clinching threaded standoffs	24	Fixed cable clamp	41
Self-clinching threaded studs	24	Flat cable mounts	41
Spotfast fasteners	24	Hook and loop cable tie mounts	41
<b>Clip-Threaded fasteners and retainers</b>		<b>MultiMaterial-Welding®</b>	
Cage nuts	34	MM-Welding®	35
Speed clips nuts	34	<b>Pins</b>	
<b>Contact parts</b>		Dowel pins	11
Assortments	39	Grooved pins	11
Compression cable lugs	39	Keys	11
Compression joints	39	Spiral / Spring pins	11
Connectors	39	Split pins	11
End sleeves	39	Taper pins	11
Female receptacles and male tabs	39	<b>Nuts</b>	
Parallel groove clamps	39	Hex nuts	10
Pin connectors and pin receptacles	39	Lifting eye nuts	10
Solderless terminals	39	Nuts for T-slots	10
Terminal blocks	39	Round nuts	10
<b>Direct assembly screws for concrete</b>		Slotted flat countersunk nuts	10
	17	Slotted round nuts	10
<b>Direct assembly screws for metal</b>		Slotted round nuts	10
Self-cutting screws for metal	17	Square nuts	10
Self-drilling screws for metal	17	Suspension lug nuts	10
Thread forming and tapping screws for metal	17	Turnbuckles	10
<b>Direct assembly screws for plastics</b>		Wing nuts	10
	17	<b>Operating and control elements</b>	
<b>Direct assembly screws for wood</b>		Clamping handles	44
	15	Clamping levers	47
<b>Flow control</b>		Handles	45
Forward-Flow	50	Handwheels and crank handles	46
Reverse-Flow	50	Indexing elements	46
<b>Hydraulic components</b>		Levelling elements	46
Tubes and fittings	49	<b>Panel and trim fasteners</b>	
<b>Industrial enclosures</b>		Panel clips	34
Enclosures	41	<b>Positioning elements</b>	
Mounting rails	41	Cam-Stay	47
Threaded plates / Socket head screws	41	Gas springs and accessories	47
<b>Latching</b>		Hinges	47
Cam latches	48	<b>Quick access fasteners</b>	
Push to close latches	48	Swell action latches	48
<b>Lockbolts</b>		<b>Retaining rings for shafts and bores</b>	
Breakstem lockbolts	29	Securing elements for bores	21
Multigrip lockbolts	29	Securing elements for shafts	22
Non-breakstem lockbolts	29	<b>Screws</b>	
		Eye bolts and lifting eye bolts	9
		Other screws and bolts	9

Screws and bolts with external drive	8	Tools and equipment for clinching technology	25
Screws and bolts with internal drive	8	Machines	25
Segment clamping bolts	9		
Set screws	9	Tools and equipment for clip-fasteners	34
Standoffs	9	for Threaded fasteners and retainers	34
Stud bolts	9		
Threaded rods and threaded studs	9	Tools and equipment for direct assembly screws	19
Sealing plugs			19
Pull version	50	Tools and equipment for rivet technology	
Push version	50	Tools for blind rivet nuts and blind rivet studs	29
Securing and anti loosening screws		Tools for blind rivets	29
Securing and anti loosening screws with external drive	20	Tools for lockbolts	30
Securing and anti loosening screws with internal drive	20	Tools for Speed Rivets	29
Securing and anti loosening washers		Tools and equipment for sealing technology	
Locking and sealing rings	21	for restrictor, forward-flow and reverse-flow	50
Ribbed lock washers Contact washers	21	for sealing push version	50
Serrated lock washers Toothed lock washers	21	Hydropneumatic table press for sealing technology	50
Split spring lock washers	21	Pull version	50
Spring washers	21		
Tab washers	21	Tools and equipment for standard fasteners elements	14
Wedge lock washers	21		14
Shrinking technology		Tools and equipment for threaded inserts	
Heat shrink tubing	43	Tools for self-cutting threaded inserts	33
Solid rivets		Tools for threaded inserts with Kee-locking	33
Solid rivets	29	Tools for wire thread inserts	33
Spare parts for electrical product tools		Tools for securing and anti loosening elements	
	43	Tubular rivets	
Structural blind rivets		Tubular Rivets	29
High-strength structural blind rivets	28		
Structural blind rivets Multigrip	28	Washers	
Threaded inserts for light metal and plastic materials		Finishing Washers	11
Threaded inserts self-cutting	32	Sealing washers	11
Threaded inserts for light metal materials		Square washers	11
Threaded inserts with Kee-locking	33	Washers flat, with chamfer	11
Wire thread inserts	33	Washers flat, without chamfer	11
Threaded inserts for plastic materials		Washers for HV bolts	11
Threaded inserts for mould-in	32	Welding CD-Tip ignition	
Threaded inserts for press-in	32	Weld studs	35
Threaded inserts self-cutting	32		
Threaded inserts for press-in with expansion anchoring	32	Welding nuts	
Threaded inserts for wooden and soft plastic materials		Spot weld nuts	35
Threaded inserts for press-in	32	Weld nuts	35
Threaded inserts for press-in with expansion anchoring	32		
Threaded inserts self-cutting	32		
Tolerance compensating elements			
	47		
Tools and accessoires for electrical products			
Handtools for cable glands	43		
Handtools for cable protection	43		
Handtools for cable ties	43		
Handtools for contact parts	43		

# 활용 방법

## 온라인몰(e-Shop) 검색 순서

① 일반 체결 제품

② 표준 볼트, 너트, 와셔

③ Screws

④ Threaded rods and threaded studs



① Link to level 1 in e-Shop

③ Link to level 3 in e-Shop

② Link to level 2 in e-Shop

④ Link to level 4 in e-Shop

## Disclaimer

This catalog was prepared by Bossard AG and / or its associated companies (hereinafter referred to as «Bossard») with utmost care and to the best of its knowledge and belief. However, Bossard assumes no responsibility for the topicality, correctness, or completeness of the information / tools provided. Bossard accepts no liability for direct or indirect damage / losses of a material or non-material nature resulting from the use of or failure to use the presented information / tools and / or the use of faulty information / tools. The catalog is provided for information purposes only and is for the exclusive use of the recipient. It does not constitute an offer or recommendation to buy or sell and does not release the recipient from his or her own assessment.

Publication subject to change. Bossard expressly reserves the right to change, supplement, delete, or discontinue the publication temporarily or permanently of pages or the complete publication without separate announcement.

Not all brands are marketed in all countries. A possible distribution depends on the respective contractual agreements and the distribution rights issued by the owner of the brand. Individual products are available (to a limited extent) in certain countries.

All other brandnames and trademarks used within this catalog are unlimited subject to the applicable trademark laws and the ownership rights of their registered owners.

## Current information

Current information on the terms and conditions (GTC) can be viewed at:

<https://www.bossard.com/global-en/about-us/download-center/general-terms-and-conditions/>

Current information on privacy policy information can be viewed at:

<https://www.bossard.com/global-en/privacy-policy/>

Current information on Technical Information can be viewed at:

<https://www.bossard.com/global-en/assembly-technology-expert/technical-information-and-tools/technical-resources/>

## Impressum

### Copyright

This catalog is protected by the laws of intellectual property and competition. All rights are reserved, including reproduction, translation and recording and processing in electronic datasystems.

© Bossard AG, Steinhauerstrasse 70, CH-6301 Zug, 10-2021

## 일반 체결 제품

# 표준 볼트, 너트, 와셔

### Screws



Screws and bolts with internal drive



Screws and bolts with external drive



## 일반 체결 제품

# 표준 볼트, 너트, 와셔

### Screws



Threaded rods and threaded studs



Set screws



Stud bolts



Eye bolts and lifting eye bolts



Standoffs



Segment clamping bolts



Other screws and bolts



## 일반 체결 제품

# 표준 볼트, 너트, 와셔

### Nuts



Hex nuts



Square nuts



Slotted round nuts



Nuts for T-slots



Wing nuts



Round nuts



Slotted flat countersunk nuts



Slotted round nuts

Lifting eye nuts



Suspension lug nuts



Turnbuckles



## 일반 체결 제품

# 표준 볼트, 너트, 와셔

### Washers



Washers flat, without chamfer



Washers flat, with chamfer



Square washers



Sealing washers



Finishing Washers



Washers for HV bolts



### Pins



Spiral / Spring pins



Dowel pins



Grooved pins



Taper pins



Keys



Split pins



## 일반 체결 제품

# 표준 볼트, 너트, 와셔

## Clamping and positioning elements

Balls



Hose clamps



Wire rope shackles / Wire rope clips / Wire rope thimbles



## Anchorage systems

Anchoring for light loads



Anchoring for medium loads



Anchoring for heavy loads



일반 체결 제품

## 표준 볼트, 너트, 와셔



## 일반 체결 제품

# 표준 볼트, 너트, 와셔

## Anchorage systems



Tools and equipment for anchorage systems



## Tools and equipment for standard fasteners elements



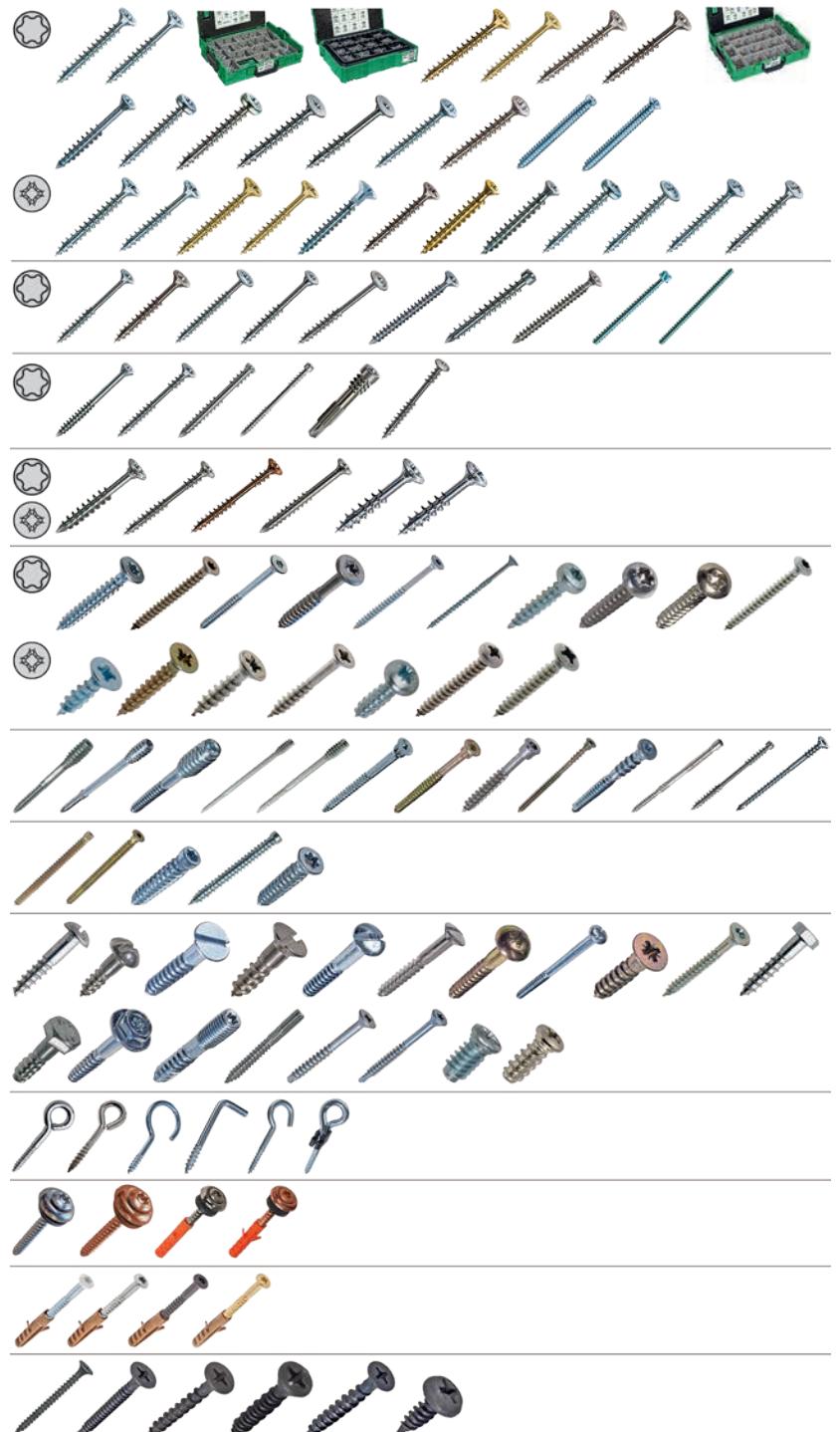
## Accessories and protection elements for standard fasteners elements



일반 체결 제품

## 직결 나사

Direct assembly screws for wood



일반 체결 제품

## 직결 나사

**WIROX®**  
corrosion protection

SPAX Construction

**SPAX®**

**MADE IN GERMANY**

**TÜV NORD**  
TÜV NORD CERT GmbH  
Made in Germany

[www.bossard.com](http://www.bossard.com)

## 직결 나사

Direct assembly screws for metal



Thread forming and tapping screws for metal



Self-drilling screws for metal



Self-cutting screws for metal



Direct assembly screws for plastics

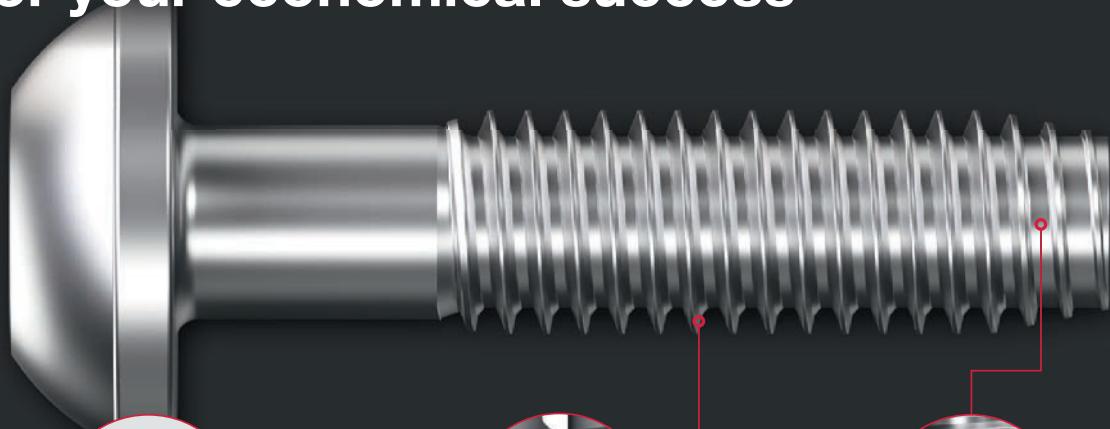


Direct assembly screws for concrete



# ALtracs® Plus

## For your economical success



### ALtra CALC®

Determination of design and assembly parameters

### ALtracs® Plus thread

Forms strengthened female thread with metric compatibility

### Self-tapping zone

For a centered application and easy fastening

The ALtracs® Plus screw is the ideal element for direct fastening into light metals:

#### Process reliable assembly and excellent joint properties

- Female thread with high-strength joint properties
- Easy and simple locating of the screw, reliable penetration into the material
- High installation safety due to high stripping torque
- High clamp load and axial pull-out forces
- Metric compatibility

#### Time and cost savings through direct fastening

- Fastening directly into the cast hole
- Saving of process steps
- Significant cost savings
- Reduction of time
- Smaller installation depth possible

## 일반 체결 제품

# 직결 나사

## Tools and equipment for direct assembly screws



## Accessories for direct assembly screws



## 일반 체결 제품

# 풀림 방지 제품

### Securing and anti loosening screws



Securing and anti loosening screws with internal drive



Securing and anti loosening screws with external drive



### Locking nuts



Metallic locking nut



Hex nuts with integrated locking washer



Locking nuts with polyamide insert



Axial locking



Radial locking



## 일반 체결 제품

# 풀림 방지 제품

### Securing and anti loosening washers



Spring washers



Split spring lock washers



Serrated lock washers



Toothed lock washers



Wedge lock washers



Tab washers



Locking and sealing rings



### Retaining rings for shafts and bores



Securing elements for bores



일반 체결 제품

## 풀림 방지 제품

Retaining rings for shafts and bores



Securing elements for shafts



Tools for securing and anti loosening elements



## 풀림 방지 제품

**NORD-LOCK**  
GROUP



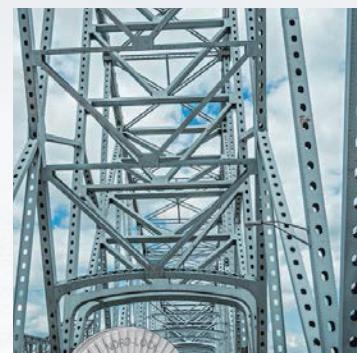
**OFFERS MAXIMUM SAFETY  
FOR BOLTED JOINTS**



Nord-Lock original washers



Nord-Lock X-series washers



Nord-Lock SC Steel Construction washers

**The most reliable solution to secure critical applications**

Clinching clinch

Self-clinching nuts



Self-clinching threaded standoffs



Self-clinching threaded studs



Self clinching locking nuts



Self-clinching fasteners with concealed head



Panel fasteners



Spotfast fasteners



Self-clinching pins



Riveting nuts



Self-clinching micro fasteners



Self-clinching right angle fasteners



Self-clinching standoffs



## 특수 체결 제품

# 클린칭

### Clinching broach



Broaching standoffs



Broaching nuts



Broaching threaded standoffs



Surface mount fasteners



Broaching studs



### Tools and equipment for clinching technology



Machines



# 리벳 락볼트

## Blind rivets



Open end blind rivets



Closed end blind rivets



Multigrip blind rivets



Load-spreading blind rivets



Peel blind rivets



Plastic blind rivets



Speed rivets



Pull-thru blind rivets



Grounding blind rivets



특수 체결 제품

# 리벳 락볼트

**STANLEY**  
Engineered Fastening



Premium engineered  
blind rivets and rivet nuts

**POP**<sup>®</sup>

 STANLEY Engineered Fastening

[stanleyengineeredfastening.com](http://stanleyengineeredfastening.com)

## 특수 체결 제품

# 리벳 락볼트

### Structural blind rivets



High-strength structural blind rivets



Structural blind rivets Multigrip



### Blind rivet nuts



Open end blind rivet nuts



Closed end blind rivet nuts



Controlled deformation blind rivet nuts



Multigrip blind rivet nuts



Micro blind rivet nuts



### Blind rivet studs



Standard blind rivet studs



## 특수 체결 제품

# 리벳 락볼트

### Lockbolts



Breakstem lockbolts



Multigrip lockbolts



Non-breakstem lockbolts



### Tubular rivets



Tubular Rivets



### Solid rivets



Solid rivets



### Tools and equipment for rivet technology



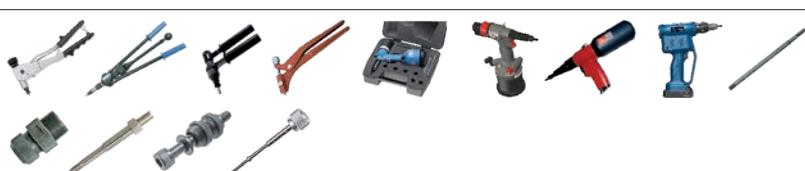
Tools for Speed Rivets



Tools for blind rivets



Tools for blind rivet nuts and blind rivet studs



특수 체결 제품

## 리벳 락볼트

Tools and equipment for rivet technology



Tools for lockbolts



특수 체결 제품

리벳 락볼트

**BOSSARD**  
Proven Productivity



---

Assembly Technology Expert  
Design, Optimierung, Ausbildung

Assembly Technology Expert  
Design, Optimize, Educate

Assembly Technology Expert  
Progettare, Ottimizzare, Educare

## 특수 체결 제품

# 인서트

### Threaded inserts for plastic materials



Threaded inserts for mould-in



Threaded inserts for press-in



Threaded inserts self-cutting



Threaded inserts for press-in with expansion anchoring



### Threaded inserts for light metal and plastic materials



Threaded inserts self-cutting



### Threaded inserts for wooden and soft plastic materials



Threaded inserts for press-in



Threaded inserts self-cutting



Threaded inserts for press-in with expansion anchoring



## 특수 체결 제품

# 인서트

Threaded inserts for light metal materials



Wire thread inserts



Threaded inserts with Kee-locking



## Tools and equipment for threaded inserts



Tools for self-cutting threaded inserts



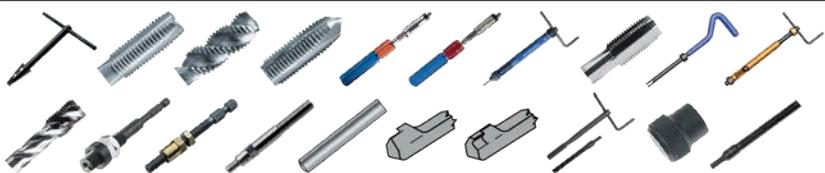
Tools for press-in threaded inserts



Tools for threaded inserts with Kee-locking



Tools for wire thread inserts



## 특수 체결 제품

### 클립

#### Panel and trim fasteners



Panel clips



#### Clip-Threaded fasteners and retainers



Speed clips nuts



Cage nuts



#### Tools and equipment for clip-fasteners



for Threaded fasteners and retainers



## 특수 체결 제품

# 용접 너트 스터드

### Welding nuts



Weld nuts



Spot weld nuts



### Welding CD-Tip ignition



Weld studs



### MultiMaterial-Welding®



MM-Welding®



## 특수 체결 제품

# 본딩 솔루션

### bigHead® with threaded bolt



bigHead® with threaded bolt  
square head



bigHead® with threaded bolt  
rectangular head



bigHead® with threaded bolt  
round head



### bigHead® with pin



bigHead® with pin  
square head



bigHead® with pin  
rectangular head



bigHead® with pin  
round head



### bigHead® with nail



bigHead® with nail  
square head



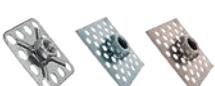
bigHead® with nail  
round head



### bigHead® with nut



bigHead® with nut  
square head



bigHead® with nut  
rectangular head



bigHead® with nut  
round head



## 특수 체결 제품

# 본딩 솔루션

### bigHead® with threaded collar



bigHead® with threaded collar  
square head



bigHead® with threaded collar  
rectangular head



bigHead® with threaded collar  
round head



### bigHead® with hook



bigHead® with hook  
square head



### bigHead® with loop



bigHead® with loop  
square head



### bigHead® with cable bracket



bigHead® with cable bracket  
square head



bigHead® with cable bracket  
round head



### Accessories for embedding and surface bonding fasteners



Cover caps



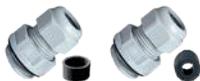
Spring clips



# 전기전자 부품

## Cable glands

Cable glands without thread



Cable glands with metric thread



Cable glands with Pg-, NPT- and pipe thread



Cable glands for hazardous areas



Sealing grommets



Pressure balance elements



# 전기전자 부품

## Cable glands



Accessories and single parts for cable glands



## Contact parts



Compression cable lugs



Compression joints



Parallel groove clamps



Solderless terminals



Pin connectors and pin receptacles



Female receptacles and male tabs



Connectors



End sleeves



Terminal blocks



Assortments



# 전기전자 부품

## Cable ties



Cable ties adjustable



Cable ties wing push mount



Cable ties with integrated mounting hole



Cable ties double loop



Cable ties strip hook and loop



Cable ties ball-locking



Cable ties with tongue



Standard cable ties



Cable ties releasable



Various cable ties



High-strength cable ties



Cable ties detectable



Cable ties ladder type



Cable ties no tool needed



# 전기전자 부품

## Mountings for cables and pipes



Fixed cable clamp



Cable tie mounts



Hook and loop cable tie mounts



Adhesive backed mounts



Flat cable mounts



## Industrial enclosures



Enclosures



Mounting rails



Threaded plates / Socket head screws



# 전기전자 부품

## Cable protection



Tubings



Tube connectors



Spiral wraps



Grommets



Tubings for cable protection



System support



Arched elbows



Straight connectors



Push-in tube connectors



Buckling resistant / seals



Wiring ducts



기능성 제품

## 전기전자 부품

### Shrinking technology



Heat shrink tubing



### Tools and accessories for electrical products



Handtools for cable glands



Handtools for cable protection



Handtools for cable ties



Handtools for contact parts



### Spare parts for electrical product tools

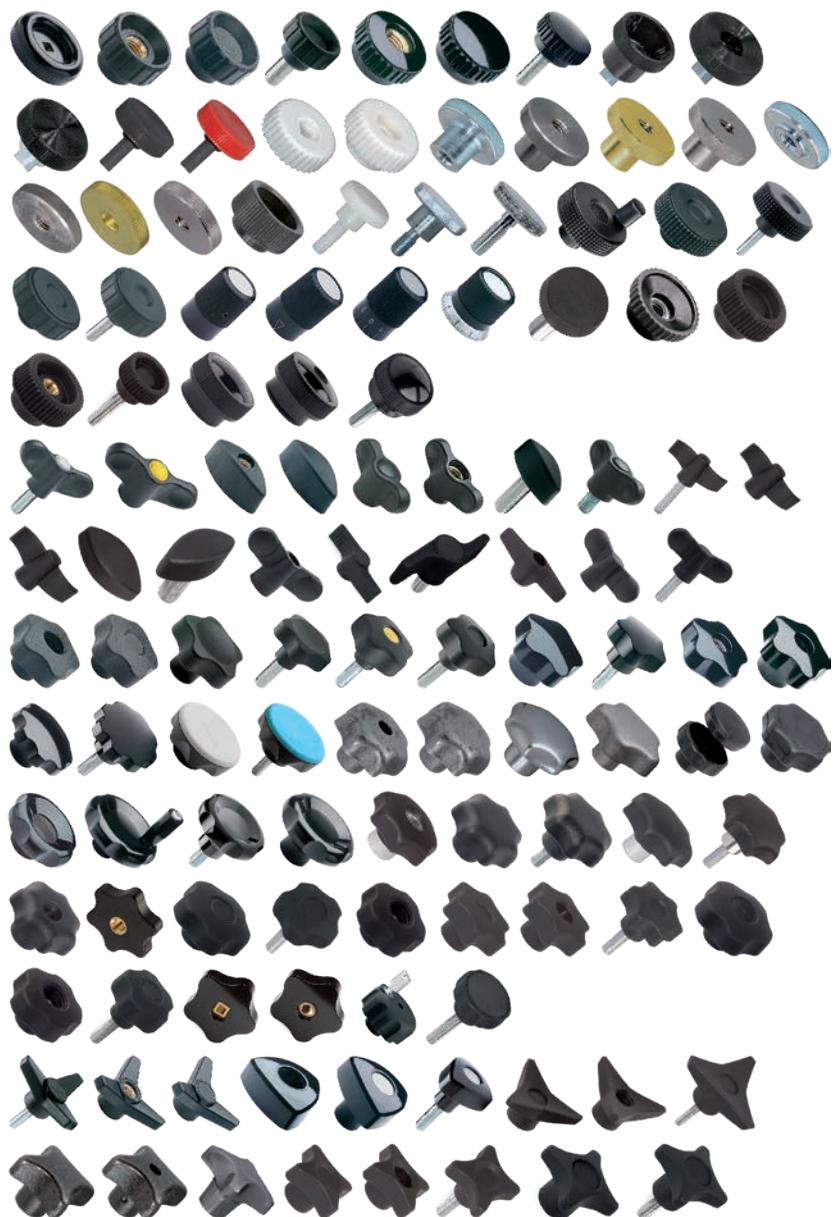


## 잠금제어 부품

### Operating and control elements



Clamping handles



기능성 제품

## 잠금제어 부품

Operating and control elements



Handles



# 잠금제어 부품

## Operating and control elements



Indexing elements



Levelling elements



Handwheels and crank handles



기능성 제품

## 잠금제어 부품

### Operating and control elements



Clamping levers



### Positioning elements



Hinges



Gas springs and accessories



Cam-Stay



### Adjusting rings / Clamping rings



### Tolerance compensating elements



## 잠금제어 부품

### Latching



Cam latches



Push to close latches



### Quick access fasteners



Swell action latches



### Angle joints / Fork heads / Articulated joints



Fork heads



Rod Ends



Angle joints



기능성 제품

## 유공압 부품

Hydraulic components



Tubes and fittings



## 기능성 제품

# 씰링 제품

### Sealing plugs



Push version



Pull version



### Flow control



Forward-Flow



Reverse-Flow



### Tools and equipment for sealing technology



for sealing push version



for restrictor, forward-flow and reverse-flow



Hydropneumatic table press for sealing technology

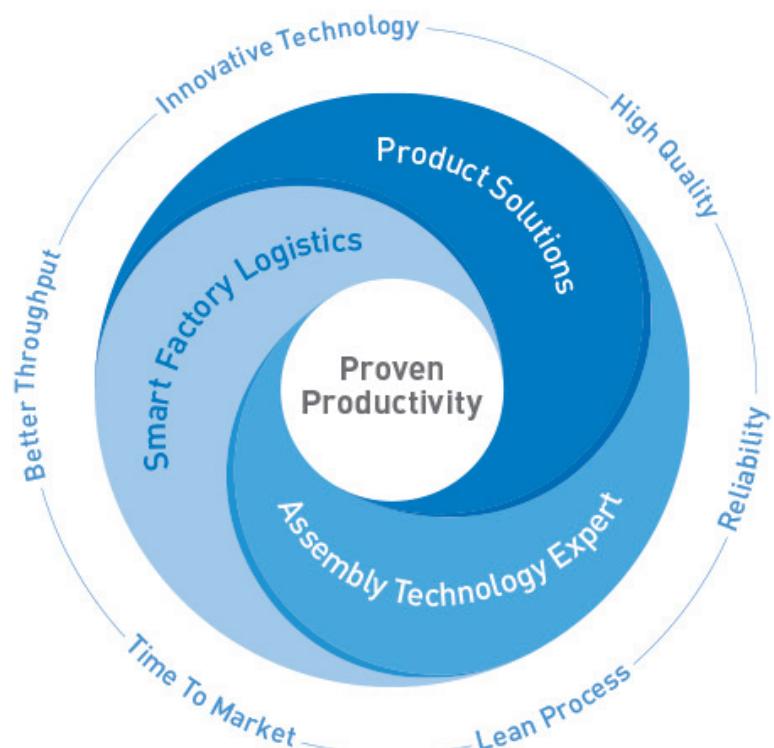


Pull version



## 사업 모델 - 고객과의 약속

# The strategy for success



오랜 시간 고객과의 협력을 통해 저희 Bossard는 고객의 성공과 경쟁력 향상에 필요한 요소가 무엇인지 함께 고민해왔습니다. 앞서 소개드린 3가지 핵심 서비스로 고객의 경쟁력 향상에 도움을 드립니다.

첫째, **제품**입니다. 고객 제품의 기능을 이해하고 그에 가장 적합한 체결 부품을 제안 드립니다.

둘째, **조립 기술 지원** 서비스는 고객의 생산 공정에 가장 적합한 조립 솔루션 및 체결류 선정에 도움을 드립니다. 이는 생산 및 조립 시간 단축을 가능하게 합니다.

셋째, **스마트팩토리 물류시스템**입니다. 저희 Bossard는 지난 20년간 4차 산업 및 스마트 팩토리를 준비해왔습니다. 그 동안 축적된 빅데이터를 활용하여 고객에게 스마트 재고관리 방안을 제안하고 생산성 향상에 도움을 드립니다.

고객과의 약속인 "**Proven Productivity**"에는 두 가지 요소가 포함되어 있습니다. 첫째, 확실한 결과값을 만들어 내는 것이며, 둘째는 고객의 지속 성장성입니다. 이 두 가지를 눈에 보이는 지표로 도식화하여 고객의 성장이 지속되도록 도움을 드립니다.

심화되는 경쟁 산업에서 언제나 발 빠르게 산업을 선도하는 Bossard가 되겠습니다.

감사합니다.

---

한국보싸드(Bossard Korea )

충청남도 천안시 서북구 입장면 연곡길 428  
428, Yeongok-gil, Ipjang-myeon, Seobuk-gu 331-821  
Cheonan, Chungcheongnam-do

P 041-580-7000 F 041-580-7001

[korea@bossard.com](mailto:korea@bossard.com)

[www.bossard.com](http://www.bossard.com)