

Lifting Elements
Tragelemente
Elementi di sollevamento

CE

OMCR[®]
STANDARD DIE COMPONENTS

Lifting Elements Tragelemente Elementi di Sollevamento

Ⓞ Safety is the password of **Lifting Elements**: all components of this series are designed and manufactured within **OMCR**, rigorously respecting an established procedure in order to guarantee the conformity of the item. The range offered is capable of satisfying every need in moving dies of every dimension and weight, in total safety. The **EC mark**, required by the **Directive Machine 2006/42/EC** for all producers of “lifting accessories” foresees many documents including Use and Maintenance manual and Conformity Certification. Customers can find these on our website: www.omcr.it.

Ⓞ Sicherheit lautet das Schlagwort der Linie **Tragelemente**: Alle Teile aus dieser Serie werden komplett bei **OMCR** nach den strengen Verfahren zur Gewährleistung der Konformität des Produkts hergestellt. Die Produktpalette erfüllt alle Anforderungen zum Transport von Werkzeugen in allen Größen und Gewichten in absoluter Sicherheit. Die **CE-Markierung**, die mit der **Maschinenrichtlinie 2006/42/CE** von allen Herstellern von Lastaufnahmemitteln verlangt wird, sieht eine Reihe von Unterlagen vor, darunter die Betriebs- und Instandhaltungsanleitung und die CE-Konformitätserklärung, die die Kunden von unserer Website www.omcr.it herunterladen können.

Ⓞ Sicurezza è la parola d'ordine della **Linea Elementi di Sollevamento**: tutti i particolari di questa serie sono realizzati all'interno di **OMCR** rispettando rigorosamente le procedure stabilite per garantire la conformità del prodotto. La gamma proposta è in grado di soddisfare tutte le esigenze di movimentazione stampi di ogni dimensione e peso, nella più totale sicurezza. La marcatura **CE**, richiesta dalla **Direttiva Macchine 2006/42/CE** a tutti i costruttori di “accessori di sollevamento” prevede una serie di documenti, fra cui il libretto di uso e manutenzione e il certificato di conformità, a disposizione dei clienti sul nostro sito: www.omcr.it.







OMCR
STANDARD DIE COMPONENTS

We reserved il 10077, San Maurizio C.so - Via
B. C. 10077 San Maurizio C.so - TORINO (TO) 10138
CAP. 10138 TORINO
Tel. 011/26101111

EC CONFORMITY DECLARATION
(Directive 2006/42/CE)

OMCR S.r.l. seated in Via Quaresimi, 6 - 10077 S. Maurizio C.so - (Torino-Italy) through its legal representative manager, declares that:

LIFTING PIN

OMCR articles: **B02.10 - B02.11 - B02.12 - B02.15 - B02.16 - B02.20 - B02.21 - B02.22 - B02.23 - B02.25 - B02.26 - B02.30 - B02.35 - B02.40 - B02.42 - B02.44**

Have a work order number indelibly marked on every model. It is possible to find out the documents filed in the Technical Office, to identify each manufacturing and inspection feature of the product. All the quality and safety procedures are arranged by Mr. Benvenuto, responsible of the "technical file", acting in OMCR, the Quaresimi 6, 10077 San Maurizio C.so. These procedures have been exactly issued to allow OMCR mark with **EC eyeball** to ensure that these products:

- are in compliance with the established conditions from Directive 2006/42/EC of 6.8.2006
- are tested and controlled, to be suitable also with the harmonized and national UNI Norms, the European Directives and the Italian safety dispositions in work.

Before using lifting pins and lifting brackets, please read carefully the "Use and maintenance manual".

An improper or approved use in reference to the prescriptions treated in this Manual, debites this **EC conformity declaration** and relieves OMCR from any responsibility.

Seccatore di tipo originale per uso industriale
e Conformità Dichiarazione
in base al titolo di abilitazione
del sottoscrittore a dichiarare.

OMCR S.r.l.
il legale rappresentante
Domenico Zambelli

77. Via San Maurizio C.so - 10138 TORINO - Tel. 011/26101111 - www.omcr.it



conformity

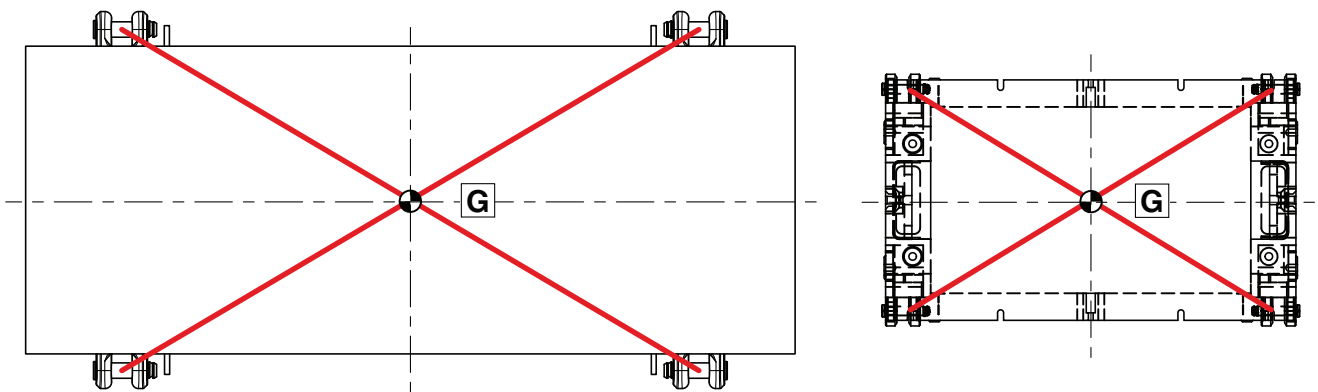


WARNING - ANMERKUNG - AVVERTENZA

- Ⓒ For safety reasons a die should be lifted with only two lifting elements.
- Ⓓ Aus Sicherheitsgründen stets berücksichtigen, dass zwei Tragwagen das gesamte Werkzeuggewicht tragen müssen.
- Ⓘ Per ragioni di sicurezza considerare sempre che il peso dello stampo deve essere sopportato da due soli elementi di sollevamento.

WARNING - ANMERKUNG - AVVERTENZA

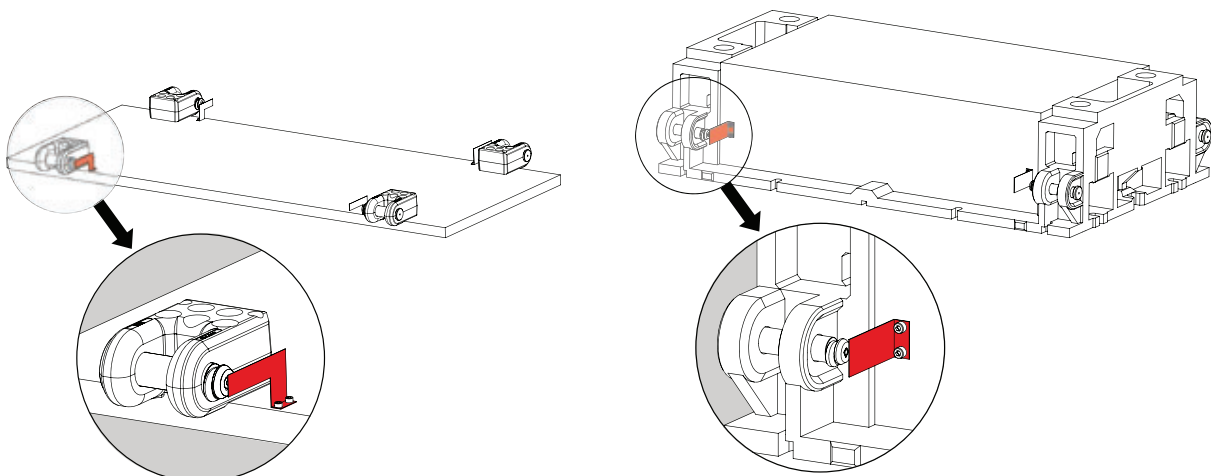
- Ⓒ Make sure the die load centre is as symmetrical to the lifting fixtures as possible.
- Ⓓ Bei der Konstruktion sicherstellen, dass der Schwerpunkt des Werkzeugs so symmetrisch wie möglich zu den Tragelementen ist.
- Ⓘ In fase di progetto verificare che il baricentro dello stampo sia il più possibile simmetrico rispetto agli elementi di sollevamento.



Pic.01

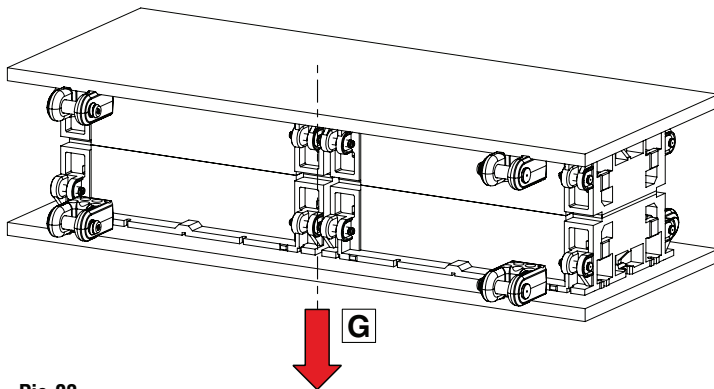
WARNING - ANMERKUNG - AVVERTENZA

- Ⓒ It is recommended to install a stop to prohibit an incorrect installation of pins.
- Ⓓ Wird die Verwendung von Sperren empfohlen, um eine nicht korrekte Einbringung der Tragbolzen zu verhindern.
- Ⓘ Si consiglia l'uso di barriere per impedire l'inserimento scorretto dei perni.



Pic.02

DIMENSIONING EXAMPLE - DIMENSIONIERUNGSBEISPIEL - ESEMPIO DI DIMENSIONAMENTO

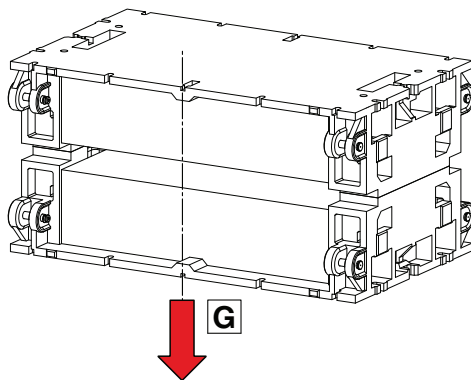


Pic.03

Die weight "G" = 36.000 kg
 $36.000/2 = 18.000$ kg
Use lifting bracket B01.20.18000

Gewicht Werkzeug "G" = 36.000 kg
 $36.000/2 = 18.000$ kg
Verwendung tragwange B01.20.18000

Peso stampo "G" = 36.000 kg
 $36.000/2 = 18.000$ kg
Utilizzare staffa B01.20.18000

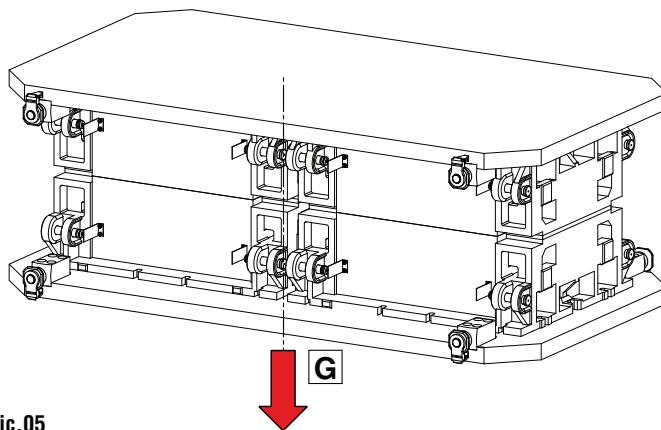


Pic.04

Die weight "G" = 25.000 kg
 $25.000/2 = 12.500$ kg
Use pin B02.10.063

Gewicht Werkzeug "G" = 25.000 kg
 $25.000/2 = 12.500$ kg
Tragbolzen B02.10.063

Peso stampo "G" = 25.000 kg
 $25.000/2 = 12.500$ kg
Utilizzare perno B02.10.063

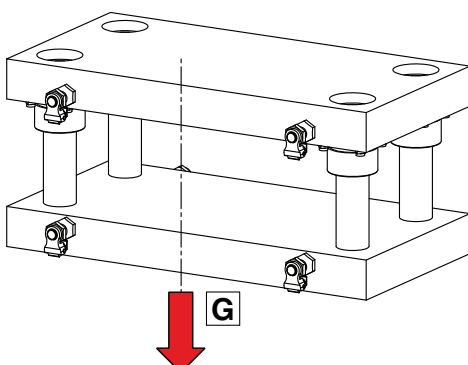


Pic.05

Die weight "G" = 16.000 kg
 $16.000/2 = 8.000$ kg
Use lifting bracket B01.11.063

Gewicht Werkzeug "G" = 16.000 kg
 $16.000/2 = 8.000$ kg
Verwendung tragwange B01.11.063

Peso stampo "G" = 16.000 kg
 $16.000/2 = 8.000$ kg
Utilizzare staffa B01.11.063



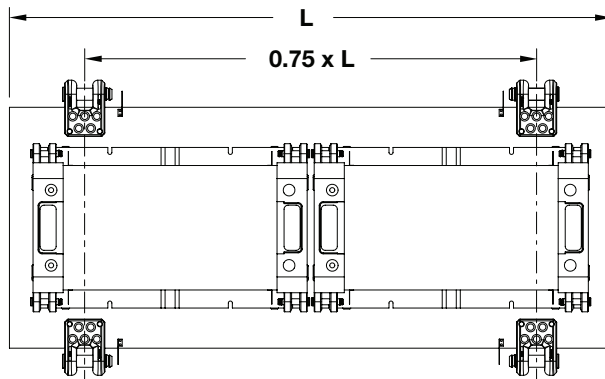
Pic.06

Die weight "G" = 3.000 kg
 $3.000/2 = 1.500$ kg
Use lifting pin B02.06.032

Gewicht Werkzeug "G" = 3.000 kg
 $3.000/2 = 1.500$ kg
Verwendung Tragschraube B02.06.032

Peso stampo "G" = 3.000 kg
 $3.000/2 = 1.500$ kg
Utilizzare perno B02.06.032

APPLICATIONS - ANWENDUNGEN - APPLICAZIONI

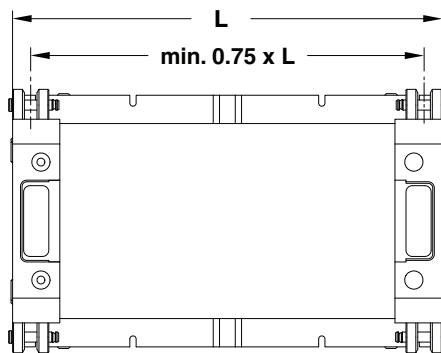


Pic.07

Ⓜ The **lifting brackets** should be positioned as shown in **Pic. 07**.

Ⓧ Die **Tragwangen** müssen gemäß der Darstellung auf **Pic. 07** positioniert werden.

Ⓨ Le **staffe** devono essere posizionate secondo lo schema rappresentato in **Pic. 07**.

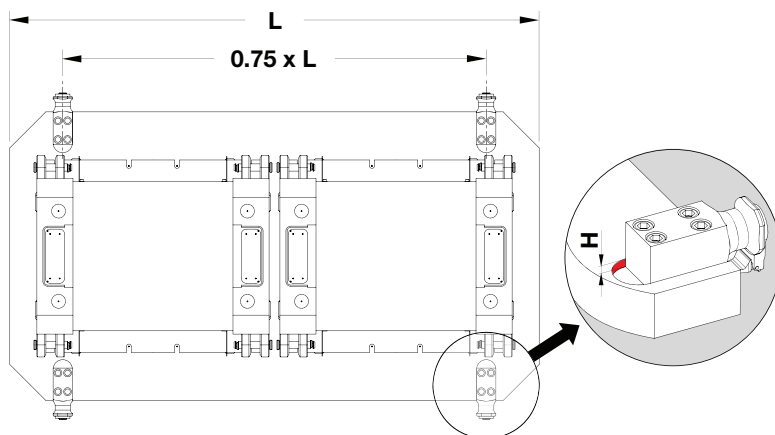


Pic.08

Ⓜ The **lifting pin** should be positioned as shown in **Pic. 08**.

Ⓧ Die **Tragbolzen** müssen gemäß der Darstellung auf **Pic. 08** positioniert werden.

Ⓨ I **perni** devono essere posizionati secondo lo schema rappresentato in **Pic. 08**.

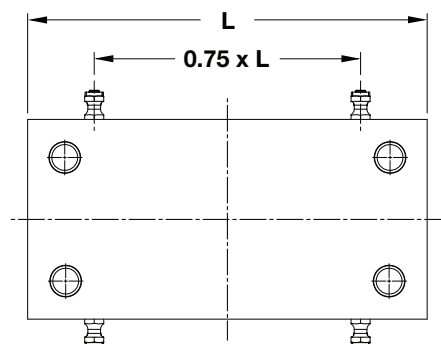


Pic.09

Ⓜ The **lifting brackets** should be positioned as shown in **Pic. 09** into the specific fixing-seats.

Ⓧ Die **Tragzapfens** müssen gemäß der Darstellung auf **Pic. 09** positioniert werden.

Ⓨ Le **staffe** devono essere posizionate secondo lo schema rappresentato in **Pic. 09** all'interno delle sedi d'incastro dedicate.



Pic.10

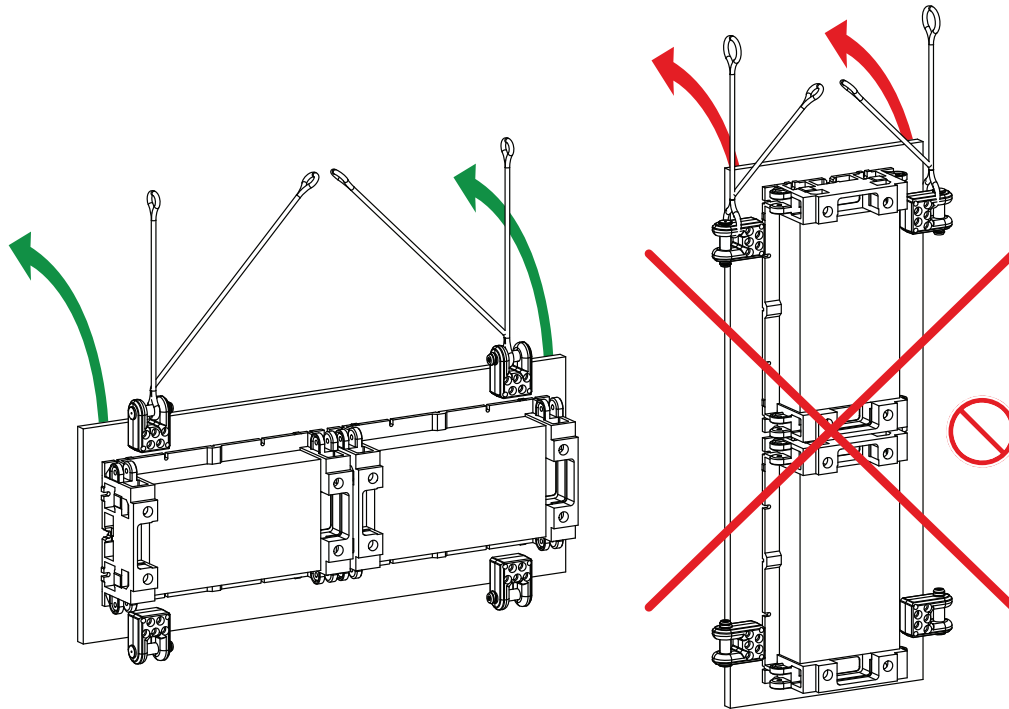
Ⓜ The **lifting pins** should be positioned as shown in **Pic. 10**.

Ⓧ Die **Tragschrauben** müssen gemäß der Darstellung auf **Pic. 10** positioniert werden.

Ⓨ I **perni** devono essere posizionati secondo lo schema rappresentato in **Pic. 10**.

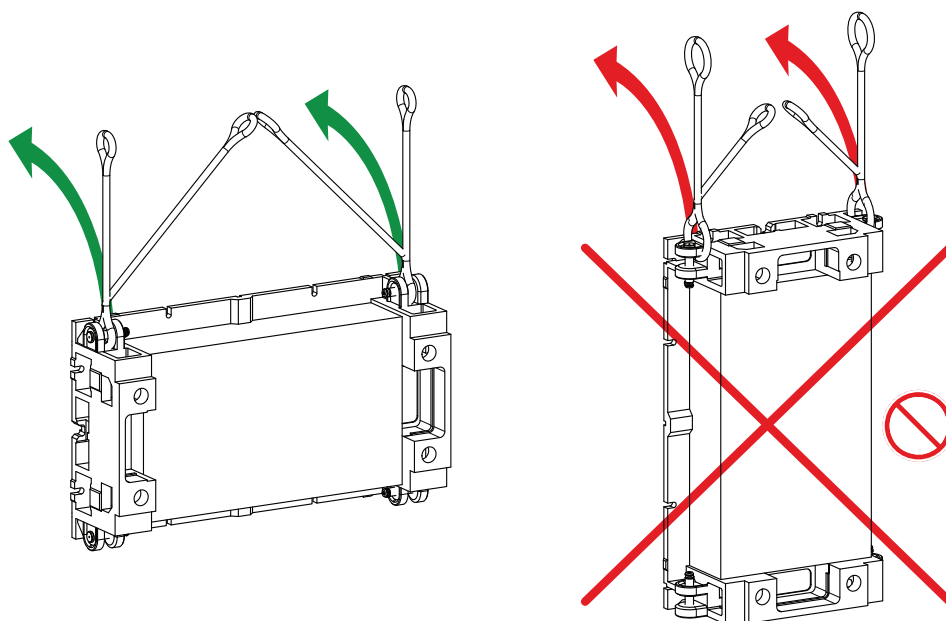
TURNOVER - WENDEN - RIBALTAMENTO

- Ⓒ The die turnover is allowed only parallel with lifting pin axis.
- Ⓓ Das Wenden des Werkzeugs kann nur parallel zu den Achsen des Tragbolzen erfolgen.
- Ⓘ Il ribaltamento dello stampo può essere eseguito solo parallelamente all'asse del perno di sollevamento.



Pic.11

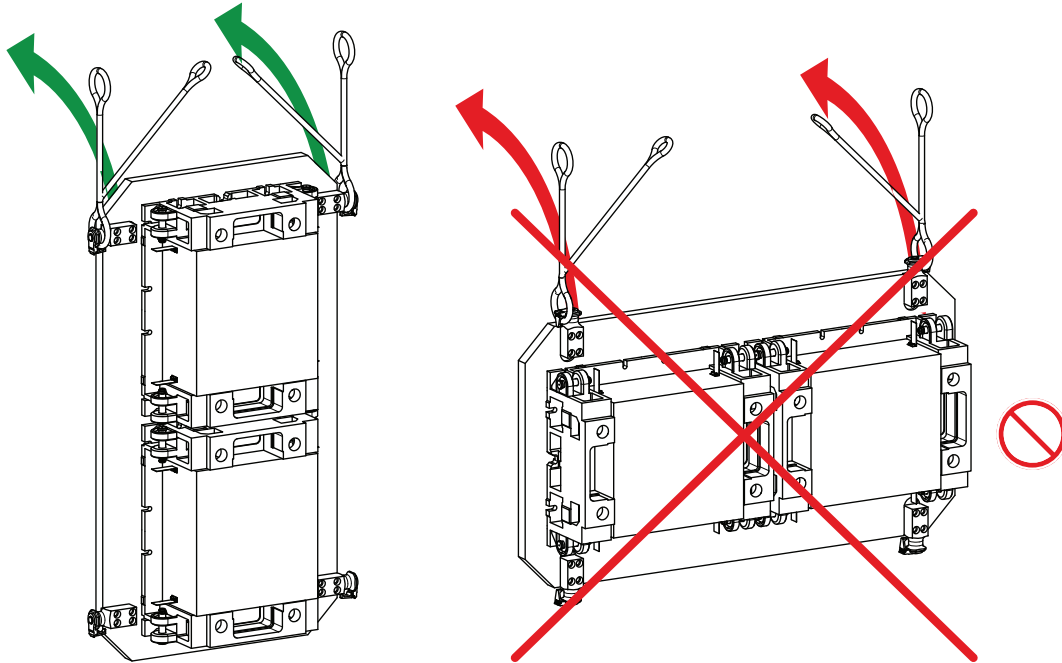
- Ⓒ The die turnover is allowed only parallel with lifting pin axis.
- Ⓓ Das Wenden des Werkzeugs kann nur parallel zu den Achsen des Tragbolzen erfolgen.
- Ⓘ Il ribaltamento dello stampo può essere eseguito solo parallelamente all'asse del perno di sollevamento.



Pic.12

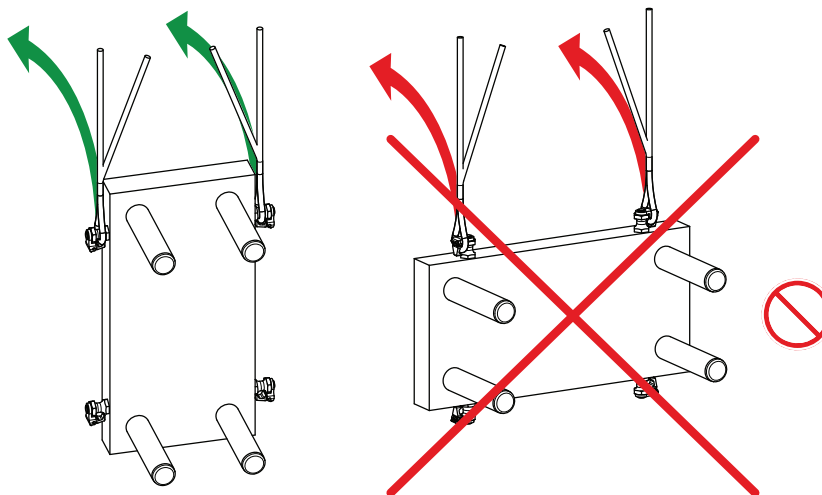
TURNOVER - WENDEN - RIBALTAMENTO

- Ⓒ The die turnover is allowed only parallel with lifting bracket axis.
- Ⓓ Das Wenden des Werkzeugs kann nur parallel zu den Achsen des Tragzapfen erfolgen.
- Ⓘ Il ribaltamento dello stampo può essere eseguito solo parallelamente all'asse della staffa di sollevamento.



Pic. 13

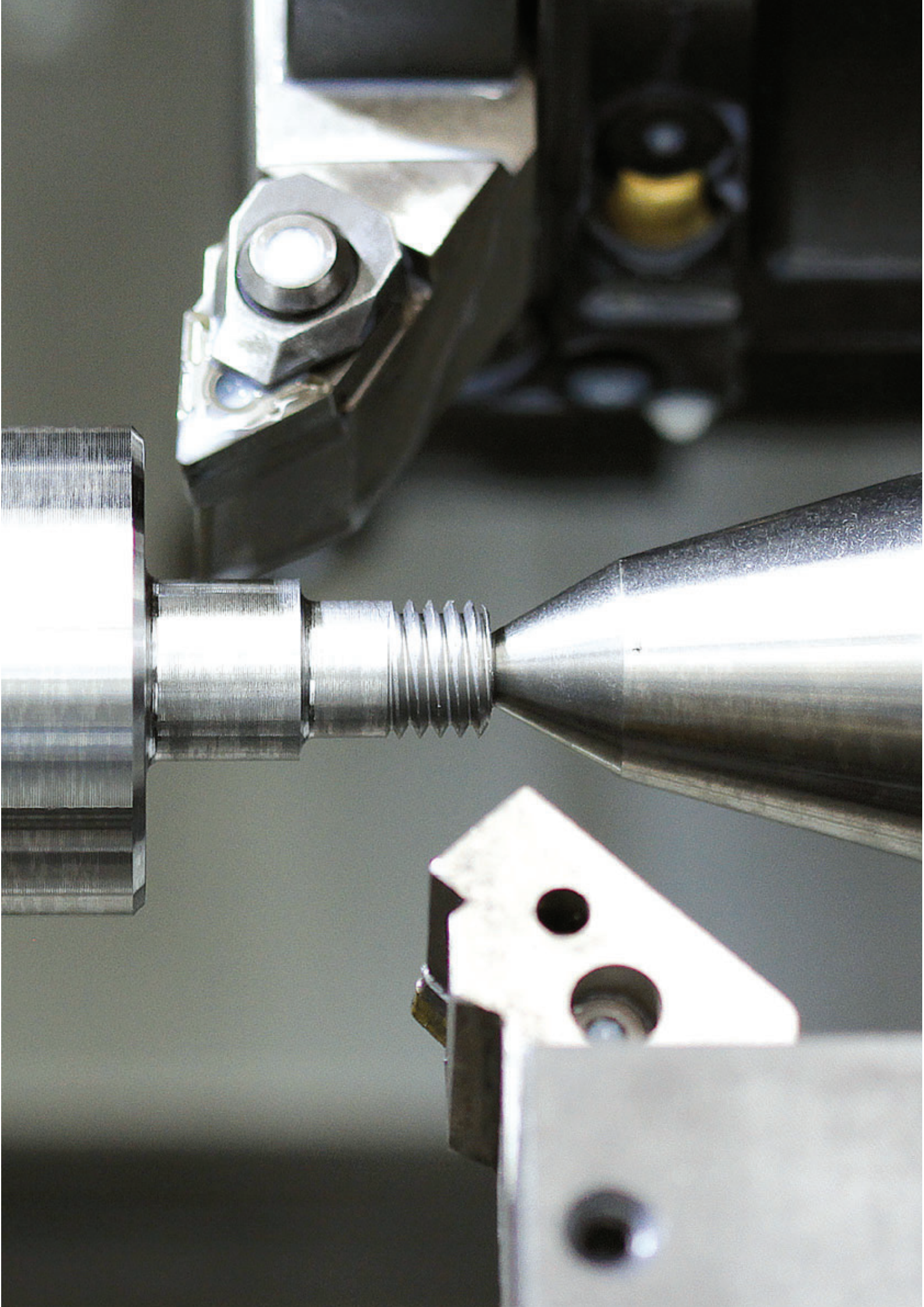
- Ⓒ The die turnover is allowed only parallel with lifting pin axis.
- Ⓓ Das Wenden des Werkzeugs kann nur parallel zu den Achsen des Tragschraube erfolgen.
- Ⓘ Il ribaltamento dello stampo può essere eseguito solo parallelamente all'asse del perno di sollevamento.














Pic. 14

INFORMATION - INFORMATIONEN - INFORMAZIONI

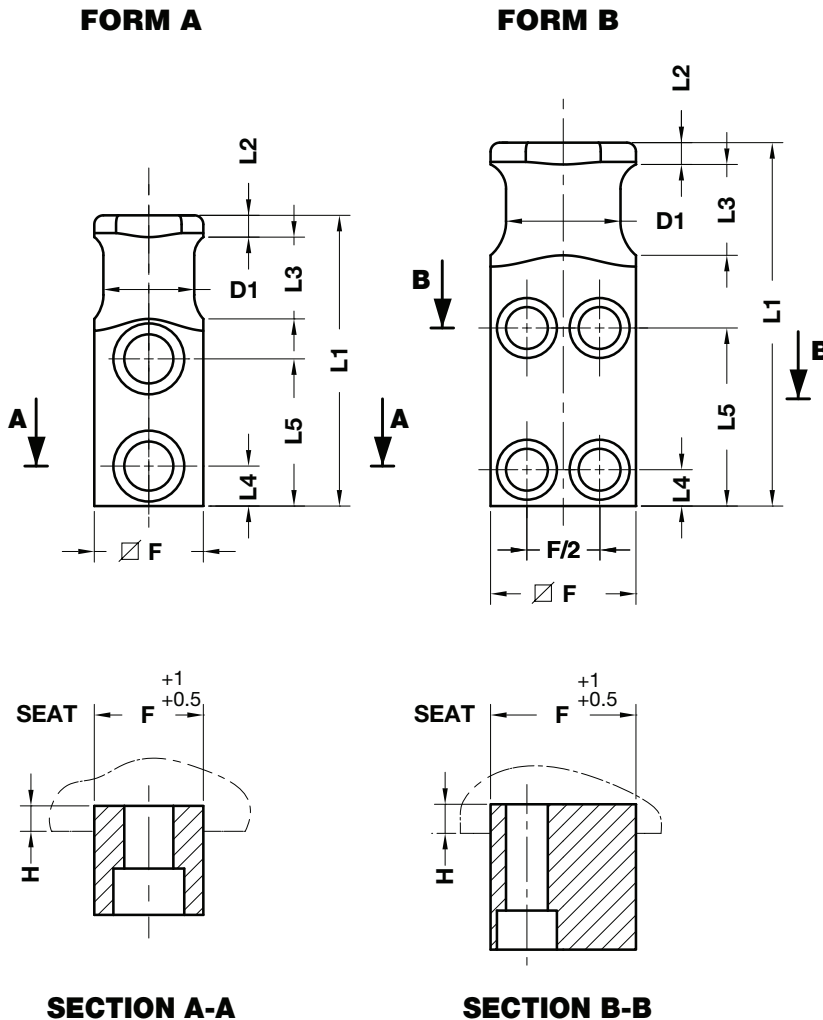
- Ⓒ For more informations see the use and maintenance manuals available on: www.omcr.it.
- Ⓓ Weitere Informationen finden Sie in den Gebrauchs- und Instandhaltungsanleitungen auf unserer Internetseite www.omcr.it.
- Ⓘ Per maggiori informazioni consultare i manuali di uso e manutenzione disponibili sul nostro sito: www.omcr.it.



| | | | | |
|--|--|---|--|--|
|  |  |  |  |  |
| <p>B01.10</p> | <p>B01.11</p> | <p>B01.12</p> | <p>B01.15</p> | <p>B01.16</p> |
| <p>VDI 3366</p> <p>Lifting bracket Tragzapfen Staffa di sollevamento</p> | <p>Lifting bracket with rope safety stop Tragzapfen mit Seilsicherung Staffa di sollevamento con sicurezza fermafune</p> | <p>BMW</p> <p>Lifting bracket with rope safety stop Tragzapfen mit Seilsicherung Staffa di sollevamento con sicurezza fermafune</p> | <p>FCA</p> <p>Lifting bracket with pin Tragwange mit Tragbolzen Staffa di sollevamento completa di perno</p> | <p>RENAULT</p> <p>Lifting bracket with pin Tragwange mit Tragbolzen Staffa di sollevamento completa di perno</p> |
| <p>928</p> | <p>929</p> | <p>930</p> | <p>931</p> | <p>932</p> |
|  |  |  |  |  <p>FOR REPLACEMENT ONLY USE B0120 AT PART NO. 934-935 FOR NEW DIES</p> |
| <p>B01.18</p> | <p>B01.20</p> | <p>B01.20</p> | <p>B01.24</p> | <p>B01.25</p> |
| <p>RENAULT</p> <p>Lifting bracket with pin Tragwange mit Tragbolzen Staffa di sollevamento completa di perno</p> | <p>BMW</p> <p>Lifting bracket with pin Tragwange mit Tragbolzen Staffa di sollevamento completa di perno</p> | <p>BMW</p> <p>Lifting bracket with pin Tragwange mit Tragbolzen Staffa di sollevamento completa di perno</p> | <p>VW/AUDI</p> <p>Lifting bracket with pin Tragwange mit Tragbolzen Staffa di sollevamento completa di perno</p> | <p>Lifting bracket with pin Tragwange mit Tragbolzen Staffa di sollevamento completa di perno</p> |
| <p>933</p> | <p>934</p> | <p>935</p> | <p>936</p> | <p>937</p> |
|  |  |  |  |  |
| <p>B02.05</p> | <p>B02.06</p> | <p>B02.10</p> | <p>B02.11</p> | <p>B02.12</p> |
| <p>VDI 3366</p> <p>Lifting pin Tragschraube Perno di sollevamento</p> | <p>Lifting pin with rope safety stop Tragschraube mit Seilsicherung Perno di sollevamento con sicurezza fermafune</p> | <p>VDI 3366</p> <p>Lifting pin Tragbolzen Perno di sollevamento</p> | <p>VW</p> <p>Lifting pin Tragbolzen Perno di sollevamento</p> | <p>MERCEDES-BENZ</p> <p>Lifting pin Tragbolzen Perno di sollevamento</p> |
| <p>938</p> | <p>939</p> | <p>940</p> | <p>941</p> | <p>942</p> |
|  |  |  |  |  |
| <p>B02.15</p> | <p>B02.16</p> | <p>B02.22</p> | <p>B02.23</p> | <p>B02.26</p> |
| <p>FCA</p> <p>Lifting pin Tragbolzen Perno di sollevamento</p> | <p>FCA</p> <p>Lifting pin Tragbolzen Perno di sollevamento</p> | <p>FORD</p> <p>Lifting pin Tragbolzen Perno di sollevamento</p> | <p>NISSAN</p> <p>Lifting pin Tragbolzen Perno di sollevamento</p> | <p>OPEL - GM</p> <p>Lifting pin Tragbolzen Perno di sollevamento</p> |
| <p>943</p> | <p>944</p> | <p>945</p> | <p>946</p> | <p>947</p> |

| | | | | |
|--|---|---|--|---|
| B02.30 | B02.35 | B02.40 | B02.42 | B02.44 |
|  |  |  |  |  |
| PSA - RENAULT | VOLVO | BMW | FCA | VW/AUDI |
| Lifting pin Tragbolzen Perno di sollevamento | Lifting pin Tragbolzen Perno di sollevamento | Lifting pin Tragbolzen Perno di sollevamento | Lifting pin Tragbolzen Perno di sollevamento | Lifting pin Tragbolzen Perno di sollevamento |
| 948 | 949 | 950 | 951 | 952 |
| B03.10 | B03.15 | B03.20 | B08.11 | B08.20 |
|  |  |  |  |  |
| Rotating eyebolt H.T. Ringschraube H.T. Golfare girevole H.T. | Rotating eyebolt with clamp Lastbock Golfare girevole con staffa | Rotating eyebolt with ring Wirbelbock Golfare girevole con anello | VDI - BAK Bush for lifting pin Buchse für Tragbolzen Boccola per perno di sollevamento | FCA - FORD Threaded Steel Insert Gewindeeinsatz für Guss Inserto filettato per fusione |
| 954 | 956 | 958 | 960 | 961 |
| B09.10 | | | | |
|  | | | | |
| Rope stop safety opening key Schlüssel für Seilsicherung Chiave per apertura sicurezza fermafune | | | | |
| 962 | | | | |

LIFTING BRACKET VDI 3366
TRAGZAPFEN VDI 3366
STAFFA DI SOLLEVAMENTO VDI 3366



WARNING - ACHTUNG - ATTENZIONE:

Respect the max load
 Maximale Nutzlast beachten
 Rispettare il carico Max

Screw the brackets on steel
 (minimum quality Fe510 - S355)
 Die Tragwangen auf Stahl
 (mit Mindestqualität Fe510 - S355 verschrauben)
 Avvitare le staffe su acciaio
 (qualità minima Fe510 - S355)

For safety reason, please consider always that the weight of the die has to be supported by just 2 lifting brackets.
 Aus Sicherheitsgründen stets berücksichtigen, dass zwei Tragzapfens das gesamte Werkzeuggewicht tragen müssen.
 Per ragioni di sicurezza, considerare sempre che il peso dello stampo deve essere sopportato da 2 sole staffe.

Notes

Material: CK45 - 700÷800 N/mm²
 Screws not included

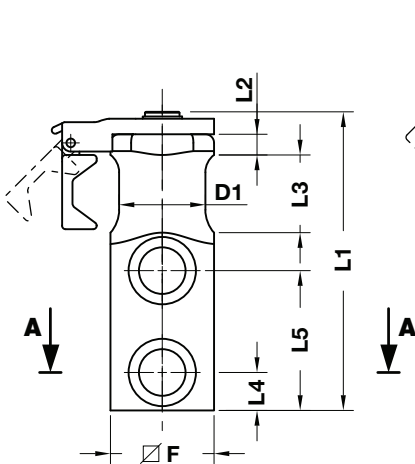
| | | |
|---------------|---------|--------|
| ORDER EXAMPLE | Art. | D1=100 |
| | B01.10. | 100 |

| OMCR CODE | Max load (kg) | Max die weight (kg) | D1 | L1 | L2 | L3 | L4 | L5 | F | H | FORM | Screws DIN 912 - 8.8 |
|------------|---------------|---------------------|-----|-----|----|----|----|-----|-----|----|------|----------------------|
| B01.10.016 | 320 | 640 | 16 | 80 | 6 | 20 | 10 | 44 | 20 | 6 | A | M8x25 |
| B01.10.020 | 630 | 1260 | 20 | 90 | 8 | 25 | 10 | 47 | 25 | 8 | A | M10x30 |
| B01.10.025 | 1250 | 2500 | 25 | 100 | 8 | 30 | 12 | 50 | 35 | 10 | A | M12x40 |
| B01.10.032 | 2000 | 4000 | 32 | 120 | 10 | 32 | 16 | 62 | 40 | 10 | A | M16x45 |
| B01.10.040 | 3200 | 6400 | 40 | 140 | 10 | 40 | 18 | 72 | 50 | 12 | A | M20x60 |
| B01.10.050 | 5000 | 10000 | 50 | 160 | 12 | 45 | 22 | 81 | 60 | 14 | A | M24x70 |
| B01.10.063 | 8000 | 16000 | 63 | 200 | 12 | 50 | 20 | 98 | 80 | 16 | B | M20x90 |
| B01.10.080 | 12500 | 25000 | 80 | 250 | 15 | 65 | 25 | 125 | 100 | 18 | B | M24x110 |
| B01.10.100 | 20000 | 40000 | 100 | 300 | 15 | 80 | 30 | 155 | 120 | 20 | B | M30x130 |

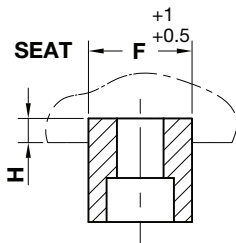
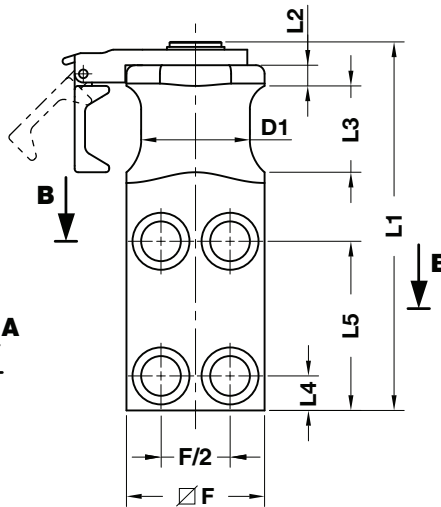
LIFTING BRACKET WITH ROPE SAFETY STOP TRAGZAPFEN MIT SEILSICHERUNG STAFFA DI SOLLEVAMENTO CON SICUREZZA FERMAFUNI

Patent-Nr.: TO2003A000468

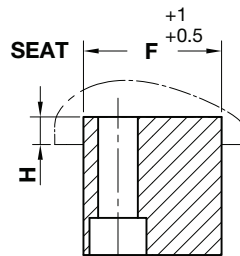
FORM A



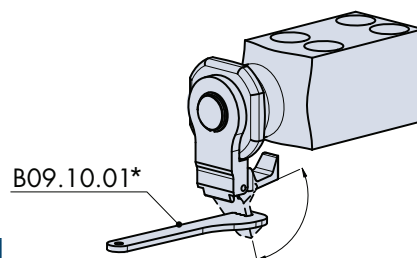
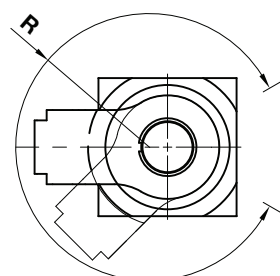
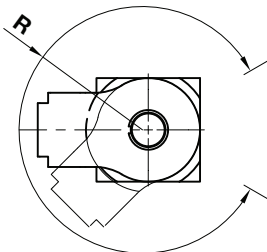
FORM B



SECTION A-A



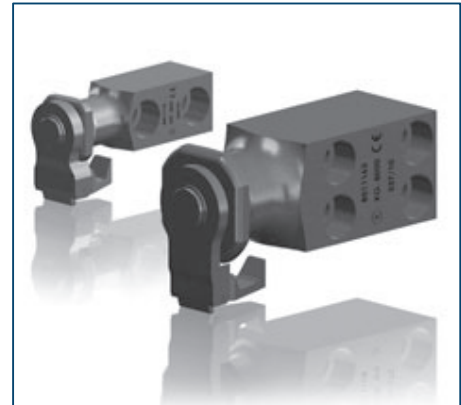
SECTION B-B



B09.10.01*

*To open rope stop safety use key B09.10.01

| | | |
|---------------|---------|-------|
| ORDER EXAMPLE | Art. | D1=50 |
| | B01.11. | 50 |



Respect the max load
Maximale Nutzlast beachten
Rispettare il carico Max

Screw the brackets on steel
(minimum quality Fe510 - S355)
Die Tragwangen auf Stahl
(mit Mindestqualität Fe510 - S355 verschrauben)
Avvitare le staffe su acciaio
(qualità minima Fe510 - S355)

WARNING - ACHTUNG - ATTENZIONE:

For safety reason, please consider always that the weight of the die has to be supported by just 2 lifting brackets.

Aus Sicherheitsgründen stets berücksichtigen, dass zwei Tragzapfens das gesamte Werkzeuggewicht tragen müssen.

Per ragioni di sicurezza, considerare sempre che il peso dello stampo deve essere sopportato da 2 sole staffe.

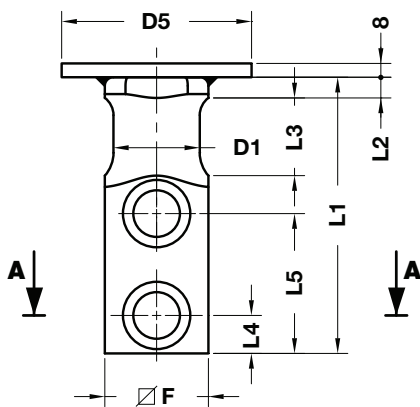
Notes

Material: CK45 - 700÷800 N/mm²
Screws not included

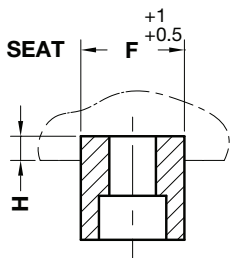
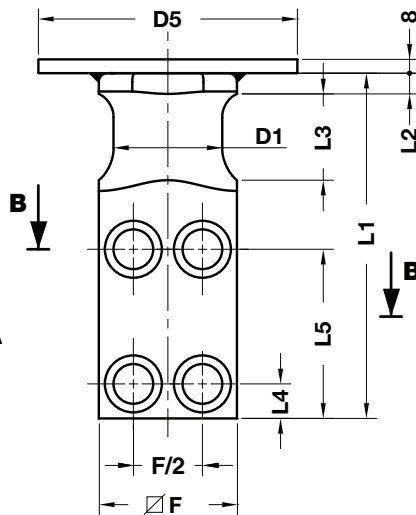
| OMCR CODE | Max load (kg) | Max die weight (kg) | D1 | L1 | L2 | L3 | L4 | L5 | F | H | R | FORM | Screws DIN 912 - 8.8 |
|-----------|---------------|---------------------|----|-------|----|----|----|----|----|----|----|------|----------------------|
| B01.11.20 | 630 | 1260 | 20 | 99 | 8 | 25 | 10 | 47 | 25 | 8 | 38 | A | M10x30 |
| B01.11.25 | 1250 | 2500 | 25 | 112,5 | 8 | 30 | 12 | 50 | 35 | 10 | 42 | A | M12x40 |
| B01.11.32 | 2000 | 4000 | 32 | 132,5 | 10 | 32 | 16 | 62 | 40 | 10 | 52 | A | M16x45 |
| B01.11.40 | 3200 | 6400 | 40 | 152,5 | 10 | 40 | 18 | 72 | 50 | 12 | 60 | A | M20x60 |
| B01.11.50 | 5000 | 10000 | 50 | 173 | 12 | 45 | 22 | 81 | 60 | 14 | 66 | A | M24x70 |
| B01.11.63 | 8000 | 16000 | 63 | 213,5 | 12 | 50 | 20 | 98 | 80 | 16 | 80 | B | M20x90 |

LIFTING BRACKET WITH ROPE SAFETY STOP TRAGZAPFEN MIT SEILSICHERUNG STAFFA DI SOLLEVAMENTO CON SICUREZZA FERMAFUNI

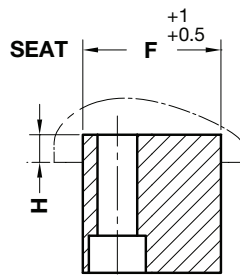
FORM A



FORM B



SECTION A-A



SECTION B-B



Respect the max load
Maximale Nutzlast beachten
Rispettare il carico Max

Screw the brackets on steel
(minimum quality Fe510 - S355)
Die Tragwangen auf Stahl
(mit Mindestqualität Fe510 - S355 verschrauben)
Avvitare le staffe su acciaio
(qualità minima Fe510 - S355)

WARNING - ACHTUNG - ATTENZIONE:

For safety reason, please consider always that the weight of the die has to be supported by just 2 lifting brackets.

Aus Sicherheitsgründen stets berücksichtigen, dass zwei Tragzapfens das gesamte Werkzeuggewicht tragen müssen.

Per ragioni di sicurezza, considerare sempre che il peso dello stampo deve essere sopportato da 2 sole staffe.

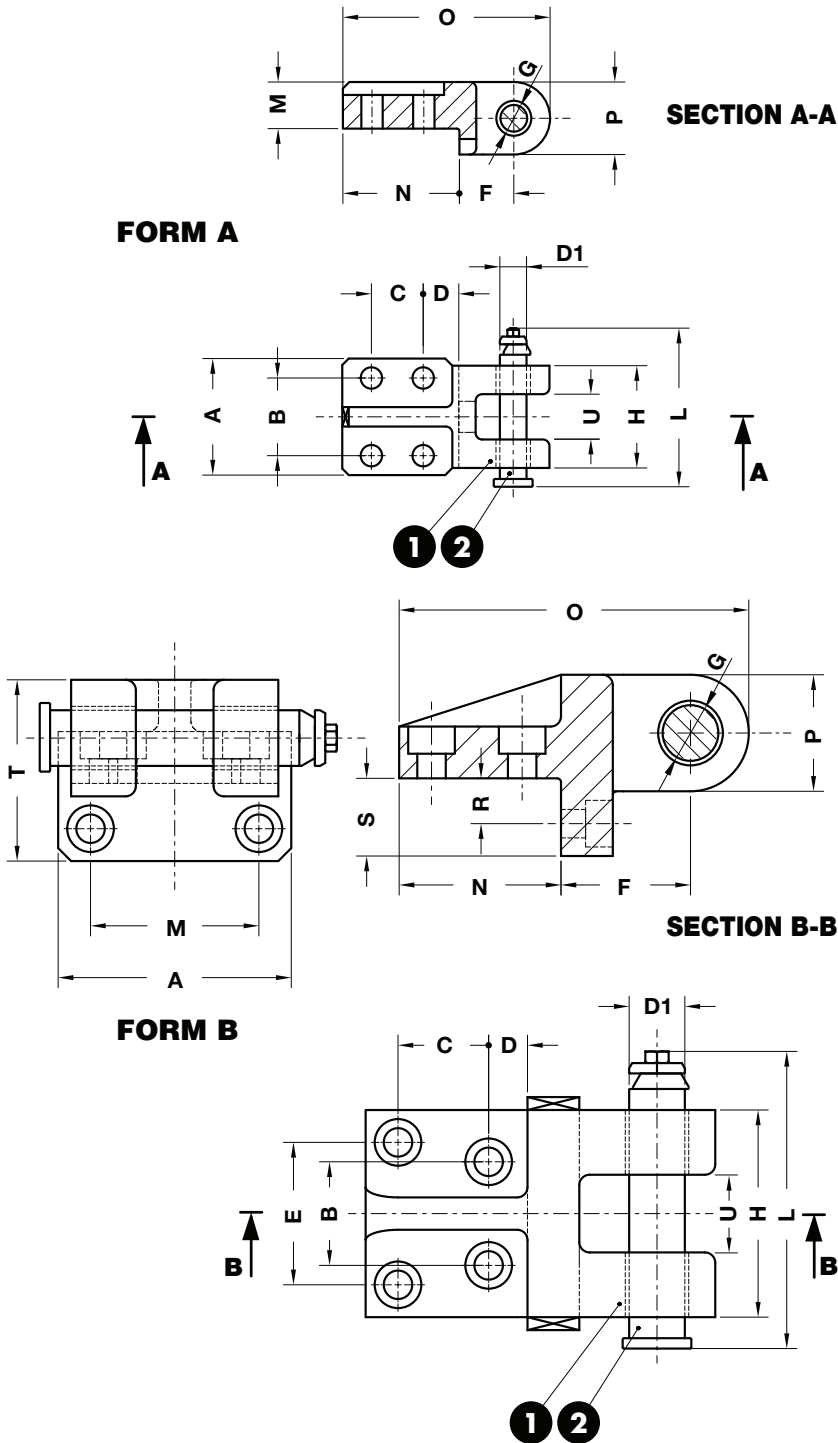
Notes

Material: CK45 - 700÷800 N/mm²
Screws not included

| | | |
|---------------|---------|-------|
| ORDER EXAMPLE | Art. | D1=80 |
| | B01.12. | 080 |

| OMCR CODE | Max load (kg) | Max die weight (kg) | D1 | D5 | L1 | L2 | L3 | L4 | L5 | F | H | FORM | Screws DIN 912 - 8.8 |
|------------|---------------|---------------------|-----|-----|-----|----|----|----|-----|-----|----|------|----------------------|
| B01.12.016 | 320 | 640 | 16 | 60 | 80 | 6 | 20 | 10 | 44 | 20 | 6 | A | M8x25 |
| B01.12.020 | 630 | 1260 | 20 | 70 | 90 | 8 | 25 | 10 | 47 | 25 | 8 | A | M10x30 |
| B01.12.025 | 1250 | 2500 | 25 | 70 | 100 | 8 | 30 | 12 | 50 | 35 | 10 | A | M12x40 |
| B01.12.032 | 2000 | 4000 | 32 | 110 | 120 | 10 | 32 | 16 | 62 | 40 | 10 | A | M16x45 |
| B01.12.040 | 3200 | 6400 | 40 | 110 | 140 | 10 | 40 | 18 | 72 | 50 | 12 | A | M20x60 |
| B01.12.050 | 5000 | 10000 | 50 | 150 | 160 | 12 | 45 | 22 | 81 | 60 | 14 | A | M24x70 |
| B01.12.063 | 8000 | 16000 | 63 | 150 | 200 | 12 | 50 | 20 | 98 | 80 | 16 | B | M20x90 |
| B01.12.080 | 12500 | 25000 | 80 | 150 | 250 | 15 | 65 | 25 | 125 | 100 | 18 | B | M24x110 |
| B01.12.100 | 20000 | 40000 | 100 | 150 | 300 | 15 | 80 | 30 | 155 | 120 | 20 | B | M30x130 |

FCA LIFTING BRACKET WITH PIN
TRAGWANGE MIT TRAGBOLZEN NACH FCA NORM
STAFFA DI SOLLEVAMENTO TIPO FCA COMPLETA DI PERNO



!

Respect the max load
 Maximale Nutzlast beachten
 Rispettare il carico Max

Screw the brackets on steel
 (minimum quality Fe510 - S355)
 Die Tragwangen auf Stahl
 (mit Mindestqualität Fe510 - S355 verschrauben)
 Avvitare le staffe su acciaio
 (qualità minima Fe510 - S355)

WARNING - ACHTUNG - ATTENZIONE:
 For safety reason, please consider always that the weight of the die has to be supported by just 2 lifting brackets.
 Aus Sicherheitsgründen stets berücksichtigen, dass zwei Tragzapfens das gesamte Werkzeuggewicht tragen müssen.
 Per ragioni di sicurezza, considerare sempre che il peso dello stampo deve essere sopportato da 2 sole staffe.

Notes

1 **Material:** CK45
 800÷1000 N/mm²

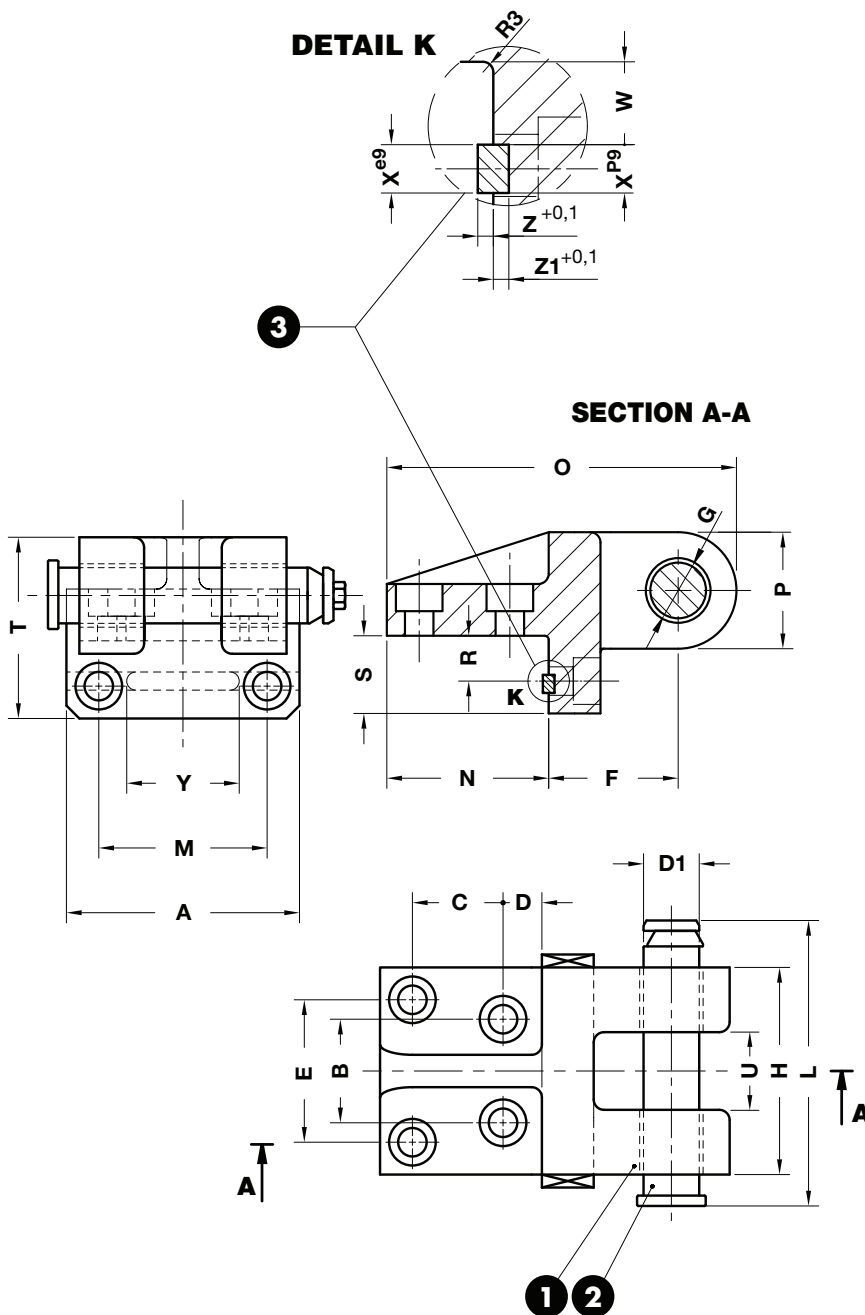
2 B02.42.
 Screws not included

| | | |
|----------------------|----------------|-----------------|
| ORDER EXAMPLE | Art. | Max load |
| | B01.15. | 7000 |

| OMCR CODE | Max load (kg) | Max die weight (kg) | A | B | C | D | D1 | E | F | G | H | L | M | N | O | P | R | S | T | U | FORM | Screws DIN 912 - 8.8 |
|--------------------|---------------|---------------------|-----|----|----|------|------|-----|-----|----|-----|-------|-----|-----|-----|----|----|----|-----|----|------|----------------------|
| B01.15.0600 | 600 | 1200 | 80 | 50 | 40 | 22,5 | 15,6 | - | 39 | 16 | 70 | 102,5 | 32 | 80 | 145 | 52 | - | - | - | 30 | A | M12x45 |
| B01.15.1000 | 1000 | 2000 | 90 | 60 | 40 | 27,5 | 20,6 | - | 42 | 21 | 79 | 113,5 | 36 | 90 | 160 | 56 | - | - | - | 35 | A | M16x55 |
| B01.15.2000 | 2000 | 4000 | 100 | 65 | 65 | 32,5 | 25,6 | - | 60 | 26 | 90 | 128,5 | 50 | 120 | 215 | 70 | - | - | - | 40 | A | M20x80 |
| B01.15.4000 | 4000 | 8000 | 135 | 56 | 60 | 20 | 33 | 84 | 85 | 34 | 125 | 166,5 | 96 | 100 | 221 | 72 | 30 | 50 | 111 | 55 | B | M16x45 |
| B01.15.7000 | 7000 | 14000 | 180 | 80 | 70 | 30 | 43 | 110 | 100 | 44 | 160 | 210,5 | 130 | 125 | 270 | 90 | 35 | 60 | 140 | 60 | B | M20x60 |

Lifting Elements

RENAULT LIFTING BRACKET WITH PIN TRAGWANGE MIT TRAGBOLZEN NACH RENAULT NORM STAFFA DI SOLLEVAMENTO TIPO RENAULT COMPLETA DI PERNO



WARNING - ACHTUNG - ATTENZIONE:

Respect the max load
Maximale Nutzlast beachten
Rispettare il carico Max

Screw the brackets on steel
(minimum quality Fe510 - S355)
Die Tragwangen auf Stahl
(mit Mindestqualität Fe510 - S355 verschrauben)
Avvitare le staffe su acciaio
(qualità minima Fe510 - S355)

For safety reason, please consider always that the weight of the die has to be supported by just 2 lifting brackets.
Aus Sicherheitsgründen stets berücksichtigen, dass zwei Tragzapfens das gesamte Werkzeuggewicht tragen müssen.
Per ragioni di sicurezza, considerare sempre che il peso dello stampo deve essere sopportato da 2 sole staffe.

Notes

1 Material: CK45
800÷1000 N/mm²

2 B02.30.

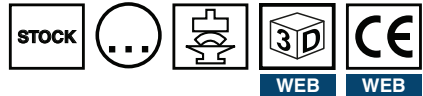
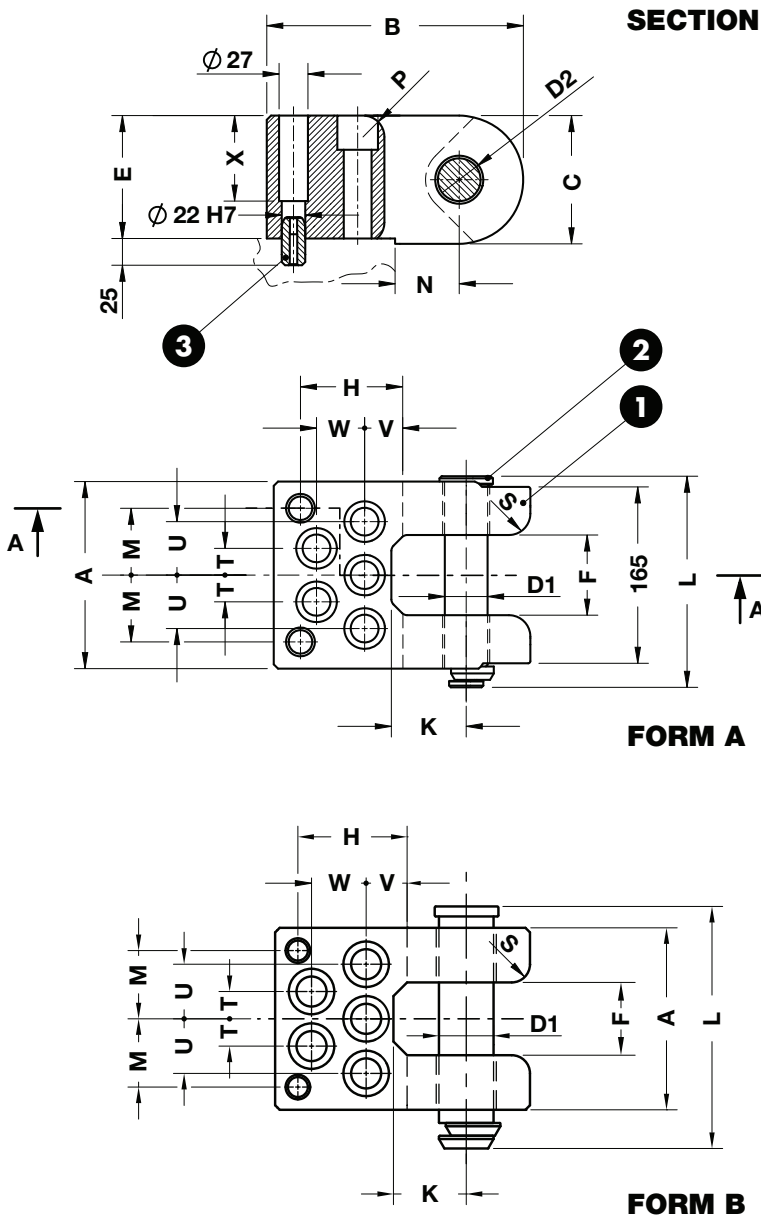
3 KEY DIN 6885

Screws not included

| | | |
|--|---------|----------|
| | Art. | Max load |
| | B01.16. | 6300 |

| OMCR CODE | Max load (kg) | Max die weight (kg) | A | B | C | D | D1 | E | F | G | H | L | M | N | O | P | R | S | T | U | W | X | Y | Z | Z1 | Screws DIN 912 -8.8 |
|-------------|---------------|---------------------|-----|----|----|----|----|-----|-----|----|-----|-------|-----|-----|-----|----|----|----|-----|----|----|----|-----|-----|-----|------------------------|
| B01.16.4000 | 4000 | 8000 | 135 | 56 | 60 | 20 | 32 | 84 | 85 | 33 | 125 | 154 | 96 | 100 | 221 | 72 | 30 | 50 | 111 | 55 | 24 | 14 | 63 | 4,5 | 4,5 | M16x45 |
| B01.16.6300 | 6300 | 12600 | 180 | 80 | 70 | 30 | 40 | 110 | 100 | 41 | 160 | 197,5 | 130 | 125 | 270 | 90 | 35 | 60 | 140 | 60 | 27 | 16 | 100 | 5 | 5 | M20x60 |

RENAULT LIFTING BRACKET WITH PIN AND LOCATING PINS
TRAGWANGE MIT TRAGBOLZEN UND ZENTRIERBOLZEN NACH RENAULT NORM
STAFFA DI SOLLEVAMENTO TIPO RENAULT COMPLETA DI PERNO E CENTRAGGI



⚠
 Respect the max load
 Maximale Nutzlast beachten
 Rispettare il carico Max

Screw the brackets on steel
 (minimum quality Fe510 - S355)
 Die Tragwangen auf Stahl
 (mit Mindestqualität Fe510 - S355 verschrauben)
 Avvitare le staffe su acciaio
 (qualità minima Fe510 - S355)

WARNING - ACHTUNG - ATTENZIONE:
 For safety reason, please consider always that the weight of the die has to be supported by just 2 lifting brackets.
 Aus Sicherheitsgründen stets berücksichtigen, dass zwei Tragzapfens das gesamte Werkzeuggewicht tragen müssen.
 Per ragioni di sicurezza, considerare sempre che il peso dello stampo deve essere sopportato da 2 sole staffe.

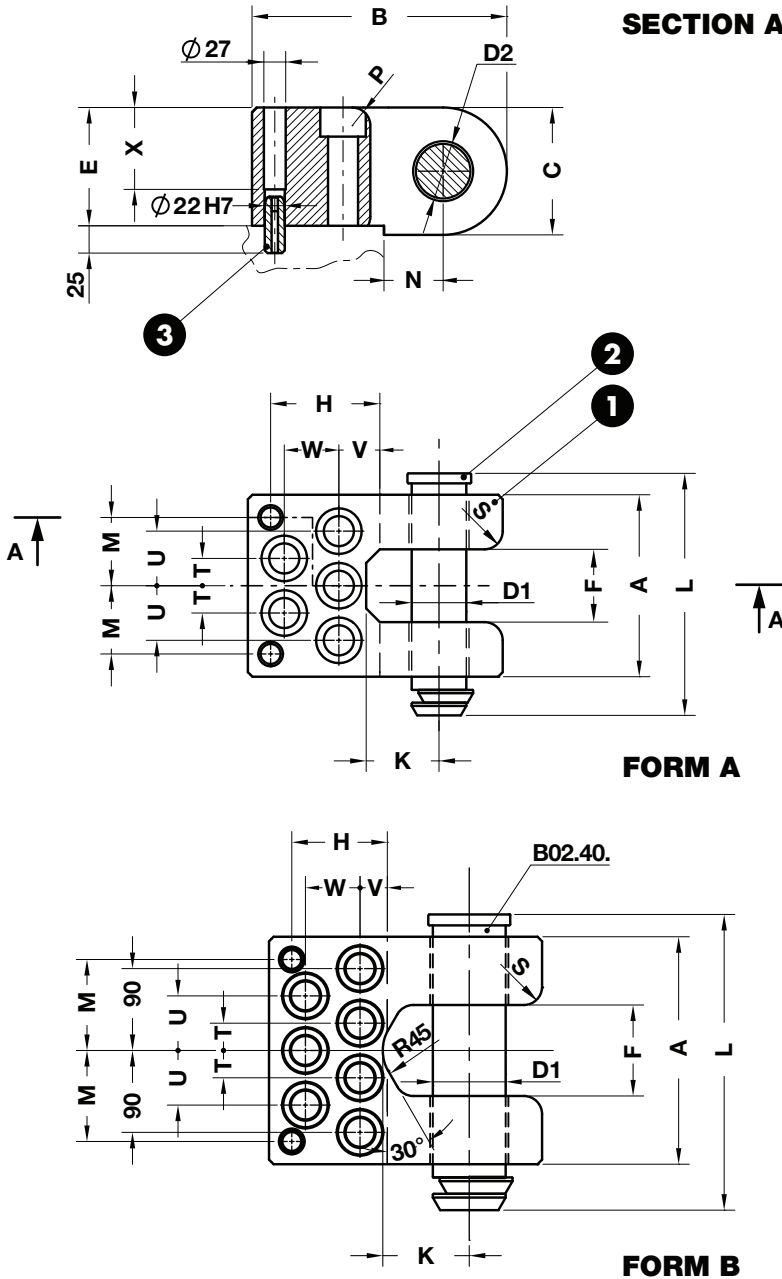
- Notes**
- 1** Material: St52
 - 2** B02.30.
 - 3** C11.20.2245 (2x)
- Screws not included

Lifting Elements

| | | |
|--|---------|----------|
| | Art. | Max load |
| | B01.18. | 12500 |

| OMCR CODE | Max load (kg) | Max die weight (kg) | D1 | D2 | A | B | C | E | F | H | K | L | M | N | P | S | T | U | V | W | X | FORM | Screws DIN 912 -8.8 |
|--------------|---------------|---------------------|----|----|-----|-----|-----|-----|----|-----|----|-------|------|----|----|----|----|----|----|----|----|------|---------------------|
| B01.18.08000 | 8000 | 16000 | 40 | 42 | 175 | 240 | 120 | 115 | 75 | 95 | 70 | 197,5 | 62,5 | 60 | 20 | 24 | 25 | 50 | 35 | 45 | 80 | A | M24x120 |
| B01.18.12500 | 12500 | 25000 | 50 | 52 | 200 | 300 | 140 | 130 | 80 | 145 | 80 | 247,5 | 77,5 | 65 | 20 | 30 | 35 | 65 | 60 | 65 | 95 | B | M36x160 |

BMW LIFTING BRACKET WITH PIN AND LOCATING PINS
TRAGWANGE MIT TRAGBOLZEN UND ZENTRIERBOLZEN NACH BMW NORM
STAFFA DI SOLLEVAMENTO TIPO BMW COMPLETA DI PERNO E CENTRAGGI



WARNING - ACHTUNG - ATTENZIONE:

Respect the max load
 Maximale Nutzlast beachten
 Rispettare il carico Max

Screw the brackets on steel
 (minimum quality Fe510 - S355)

Die Tragwangen auf Stahl
 (mit Mindestqualität Fe510 - S355 verschrauben)

Avvitare le staffe su acciaio
 (qualità minima Fe510 - S355)

For safety reason, please consider always that the weight of the die has to be supported by just 2 lifting brackets.

Aus Sicherheitsgründen stets berücksichtigen, dass zwei Tragzapfens das gesamte Werkzeuggewicht tragen müssen.

Per ragioni di sicurezza, considerare sempre che il peso dello stampo deve essere sopportato da 2 sole staffe.

Notes

1 **Material:** St52

2 B02.40.

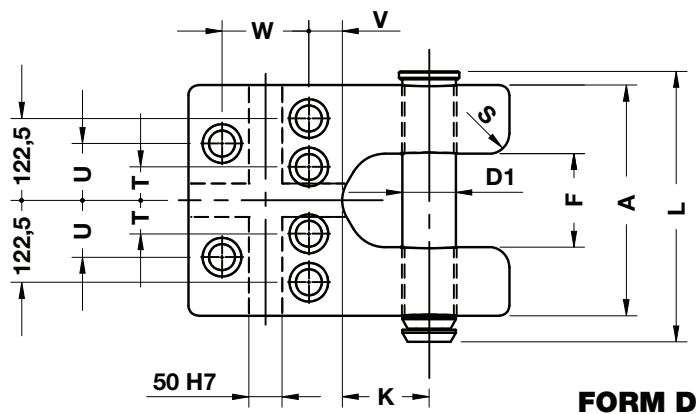
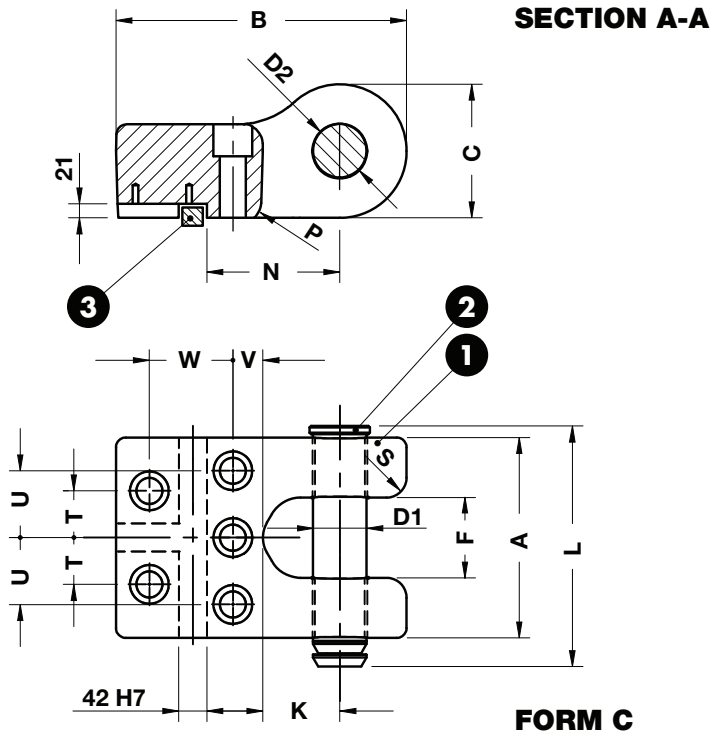
3 C11.20.2245 (2x)

Screws not included

| | | |
|---------------|---------|----------|
| ORDER EXAMPLE | Art. | Max load |
| | B01.20. | 18000 |

| OMCR CODE | Max load (kg) | Max die weight (kg) | D1 | D2 | A | B | C | E | F | H | K | L | M | N | P | S | T | U | V | W | X | FORM | Screws DIN 912 -8.8 |
|---------------|---------------|---------------------|----|----|-----|-----|-----|-----|-----|-----|----|-----|------|----|----|----|------|----|----|----|-----|------|---------------------|
| B01.20.03200 | 3200 | 6400 | 30 | 32 | 126 | 185 | 80 | 75 | 50 | 85 | 50 | 158 | 45 | 40 | 12 | 16 | 20 | 40 | 30 | 35 | 40 | A | M16x80 |
| B01.20.05000 | 5000 | 10000 | 40 | 42 | 150 | 210 | 100 | 95 | 60 | 87 | 55 | 187 | 52 | 50 | 12 | 20 | 22,5 | 45 | 25 | 40 | 60 | A | M20x100 |
| B01.20.08000 | 8000 | 16000 | 50 | 52 | 175 | 240 | 120 | 115 | 75 | 95 | 70 | 220 | 62,5 | 60 | 16 | 24 | 25 | 50 | 35 | 45 | 80 | A | M24x120 |
| B01.20.12500A | 12500 | 25000 | 60 | 62 | 200 | 300 | 140 | 130 | 80 | 145 | 80 | 246 | 77,5 | 65 | 20 | 30 | 35 | 65 | 60 | 65 | 95 | A | M36x160 |
| B01.20.18000 | 18000 | 36000 | 80 | 82 | 250 | 300 | 160 | 150 | 100 | 105 | 95 | 305 | 100 | 90 | 20 | 30 | 30 | 60 | 30 | 60 | 115 | B | M30x160 |

BMW LIFTING BRACKET WITH PIN AND KEYS
TRAGWANGE MIT TRAGBOLZEN UND PASSFEDER NACH BMW NORM
STAFFA DI SOLLEVAMENTO TIPO BMW COMPLETA DI PERNO E CHIAVETTE



WARNING - ACHTUNG - ATTENZIONE:

Respect the max load
 Maximale Nutzlast beachten
 Rispettare il carico Max

Screw the brackets on steel
 (minimum quality Fe510 - S355)
 Die Tragwangen auf Stahl
 (mit Mindestqualität Fe510 - S355 verschrauben)
 Avvitare le staffe su acciaio
 (qualità minima Fe510 - S355)

For safety reason, please consider always that the weight of the die has to be supported by just 2 lifting brackets.
 Aus Sicherheitsgründen stets berücksichtigen, dass zwei Tragzapfens das gesamte Werkzeuggewicht tragen müssen.
 Per ragioni di sicurezza, considerare sempre che il peso dello stampo deve essere sopportato da 2 sole staffe.

Notes

1 Material: St52

2 B02.40.

3 B01.20.25000: C14.20.42125 (3x)
 B01.20.31500: C14.20.50135 (2x)
 C14.20.50220 (1x)

Screws not included

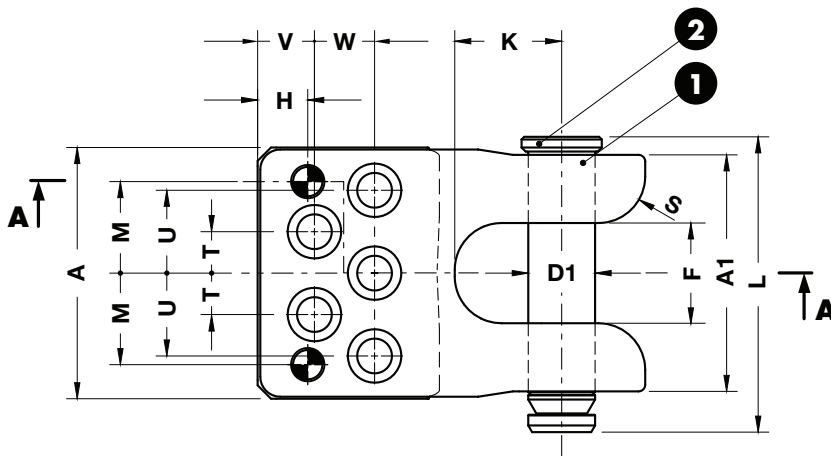
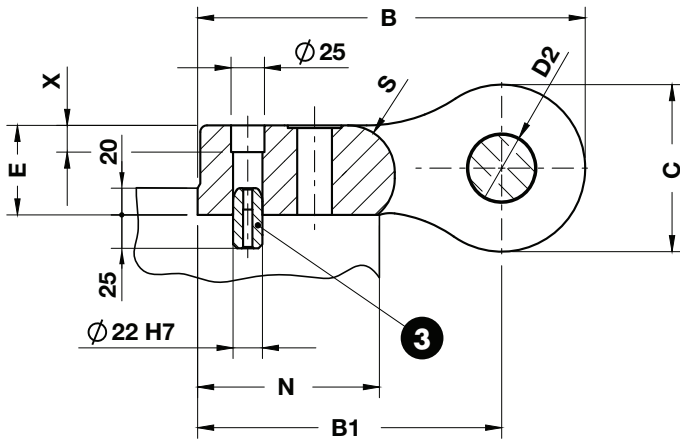
| | | |
|--|---------|----------|
| | Art. | Max load |
| | B01.20. | 31500 |

| OMCR CODE | Max load (kg) | Max die weight (kg) | D1 | D2 | A | B | C | E | F | K | L | N | P | S | T | U | V | W | FORM | Screws DIN 912-8.8 |
|--------------|---------------|---------------------|----|----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|-----|----|-----|------|--------------------|
| B01.20.25000 | 25000 | 50000 | 80 | 82 | 300 | 435 | 200 | 140 | 120 | 115 | 360 | 199 | 30 | 30 | 70 | 100 | 45 | 125 | C | M36x160 (5x) |
| B01.20.31500 | 31500 | 63000 | 80 | 82 | 345 | 480 | 240 | 170 | 135 | 130 | 405 | 220 | 30 | 30 | 50 | 85 | 50 | 130 | D | M36x200 (6x) |

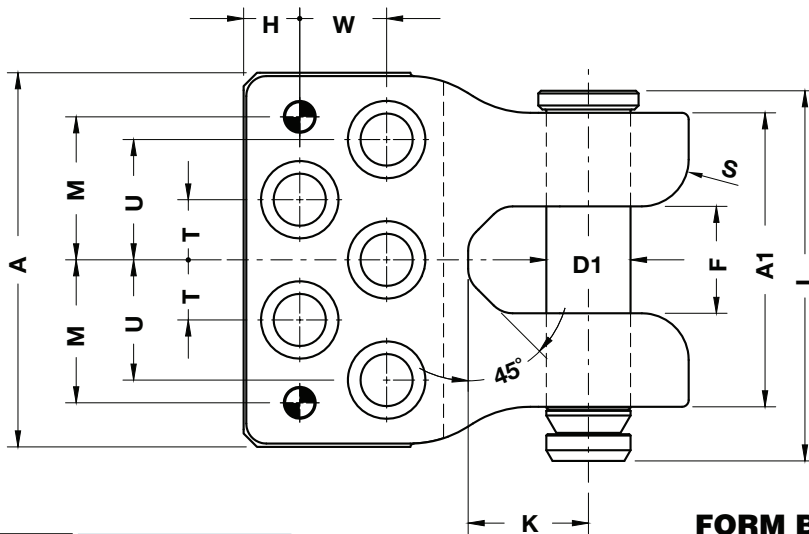
Lifting Elements

VW/AUDI LIFTING BRACKET WITH PIN AND LOCATING PINS
TRAGWANGE MIT TRAGBOLZEN UND ZENTRIERBOLZEN NACH VW/AUDI NORM
STAFFA DI SOLLEVAMENTO TIPO VW/AUDI COMPLETA DI PERNO E CENTRAGGI

SECTION A-A



FORM A



FORM B

!
 Respect the max load
 Maximale Nutzlast beachten
 Rispettare il carico Max

Screw the brackets on steel
 (minimum quality Fe510 - S355)
 Die Tragwangen auf Stahl
 (mit Mindestqualität Fe510 - S355 verschrauben)
 Avvitare le staffe su acciaio
 (qualità minima Fe510 - S355)

WARNING - ACHTUNG - ATTENZIONE:
 For safety reason, please consider always that the weight of the die has to be supported by just 2 lifting brackets.
 Aus Sicherheitsgründen stets berücksichtigen, dass zwei Tragzapfens das gesamte Werkzeuggewicht tragen müssen.
 Per ragioni di sicurezza, considerare sempre che il peso dello stampo deve essere sopportato da 2 sole staffe.

Notes

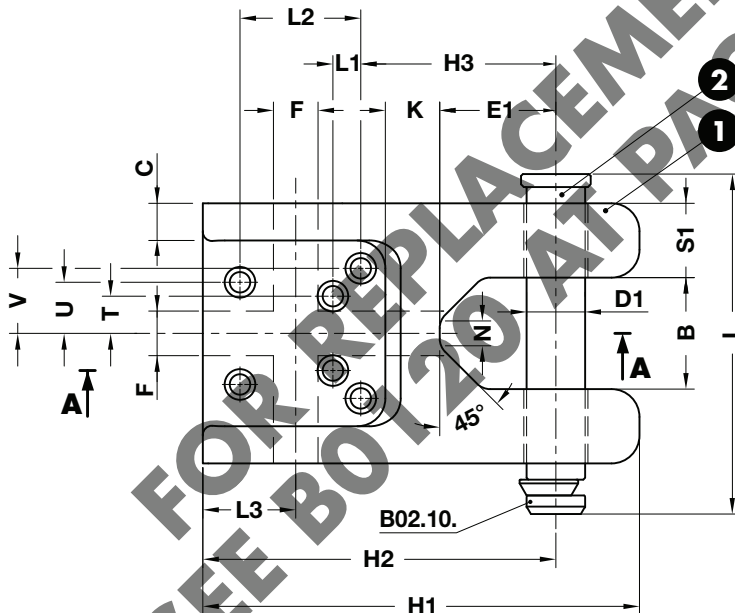
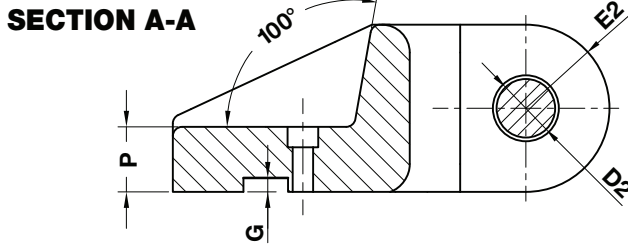
- 1** Material: St52
- 2** B02.44.
- 3** C11.20.2245

Screws not included

| | | |
|--|---------|----------|
| | Art. | Max load |
| | B01.24. | 12500 |

| OMCR CODE | Max load (kg) | Max die weight (kg) | D1 | D2 | A | A1 | B | B1 | C | E | F | H | K | L | M | N | S | T | U | V | W | X | FORM | Screws DIN 912-8.8 |
|--------------|---------------|---------------------|----|----|-----|-----|-----|-------|-----|----|----|------|----|-----|------|-----|----|----|----|------|----|----|------|--------------------|
| B01.24.08000 | 8000 | 16000 | 50 | 52 | 188 | 177 | 290 | 227,5 | 125 | 67 | 75 | 37,5 | 80 | 221 | 68,5 | 135 | 35 | 31 | 62 | 42,5 | 45 | 20 | A | M24x100 |
| B01.24.12500 | 12500 | 25000 | 63 | 65 | 280 | 220 | 333 | 258 | 150 | 91 | 80 | 42 | 90 | 277 | 107 | 150 | 35 | 45 | 90 | - | 65 | 46 | B | M36x120 |

VDI 3366 LIFTING BRACKET WITH PIN
TRAGWANGE MIT TRAGBOLZEN NACH VDI 3366 NORM
STAFFA DI SOLLEVAMENTO TIPO VDI 3366 COMPLETA DI PERNO



Respect the max load
 Maximale Nutzlast beachten
 Rispettare il carico Max

Screw the brackets on steel
 (minimum quality Fe510 - S355)
 Die Tragwangen auf Stahl
 (mit Mindestqualität Fe510 - S355 verschrauben)
 Avvitare le staffe su acciaio
 (qualità minima Fe510 - S355)

WARNING - ACHTUNG - ATTENZIONE:

For safety reason, please consider always that the weight of the die has to be supported by just 2 lifting brackets.

Aus Sicherheitsgründen stets berücksichtigen, dass zwei Tragzapfens das gesamte Werkzeuggewicht tragen müssen.

Per ragioni di sicurezza, considerare sempre che il peso dello stampo deve essere sopportato da 2 sole staffe.

Notes

- 1** Material: St52
- 2** B02.10.

Screws not included

| | | |
|---------------|---------|----------|
| ORDER EXAMPLE | Art. | Max load |
| | B01.25. | 31500 |

| OMCR CODE | Max load (kg) | Max die weight (kg) | D1 | D2 | B | C | E1 | E2 | F | G | H1 | H2 | H3 | N | K | L | L1 | L2 | L3 | P | S1 | T | U | V | Screws DIN 912 -8.8 |
|--------------|---------------|---------------------|----|----|-----|----|-----|-----|----|----|-----|-----|-----|----|----|-----|----|-----|-----|-----|-----|----|----|-----|---------------------|
| B01.25.03200 | 3200 | 6400 | 32 | 34 | 60 | 20 | 63 | 40 | 25 | 7 | 260 | 220 | 125 | 28 | 37 | 175 | 30 | 85 | 45 | 40 | 40 | 25 | 30 | 30 | M12x40 |
| B01.25.05000 | 5000 | 10000 | 40 | 42 | 80 | 30 | 80 | 60 | 48 | 15 | 360 | 300 | 140 | 28 | 40 | 225 | 35 | 130 | 80 | 60 | 50 | 38 | 40 | 43 | M16x75 |
| B01.25.08000 | 8000 | 16000 | 50 | 52 | 100 | 30 | 100 | 60 | 48 | 15 | 380 | 320 | 160 | 28 | 40 | 273 | 35 | 130 | 85 | 70 | 60 | 40 | 55 | 55 | M16x85 |
| B01.25.12500 | 12500 | 25000 | 63 | 65 | 120 | 40 | 125 | 90 | 48 | 15 | 470 | 380 | 210 | 28 | 60 | 347 | 30 | 130 | 100 | 70 | 80 | 40 | 55 | 70 | M20x90 |
| B01.25.18000 | 18000 | 36000 | 76 | 78 | 140 | 40 | 160 | 90 | 64 | 20 | 510 | 420 | 250 | 45 | 60 | 422 | 20 | 135 | 100 | 90 | 100 | 50 | 75 | 100 | M24x115 |
| B01.25.25000 | 25000 | 50000 | 76 | 78 | 140 | 40 | 160 | 120 | 64 | 25 | 590 | 470 | 270 | 45 | 80 | 422 | 35 | 160 | 110 | 110 | 100 | 55 | 75 | 100 | M30x140 |
| B01.25.31500 | 31500 | 63000 | 76 | 78 | 140 | 40 | 160 | 130 | 64 | 25 | 600 | 470 | 270 | 45 | 80 | 422 | 35 | 160 | 110 | 120 | 100 | 55 | 75 | 100 | M30x150 |

Lifting Elements

LIFTING PIN VDI 3366 TRAGSCHRAUBE VDI 3366 PERNO DI SOLLEVAMENTO VDI 3366



Respect the max load
Maximale Nutzlast beachten
Rispettare il carico Max

WARNING - ACHTUNG - ATTENZIONE:

For safety reason, please consider always that the weight of the die has to be supported by just 2 lifting pins.

Aus Sicherheitsgründen stets berücksichtigen, dass zwei Tragschrauben das gesamte Werkzeuggewicht tragen müssen.

Per ragioni di sicurezza, considerare sempre che il peso dello stampo deve essere sopportato da 2 soli perni.

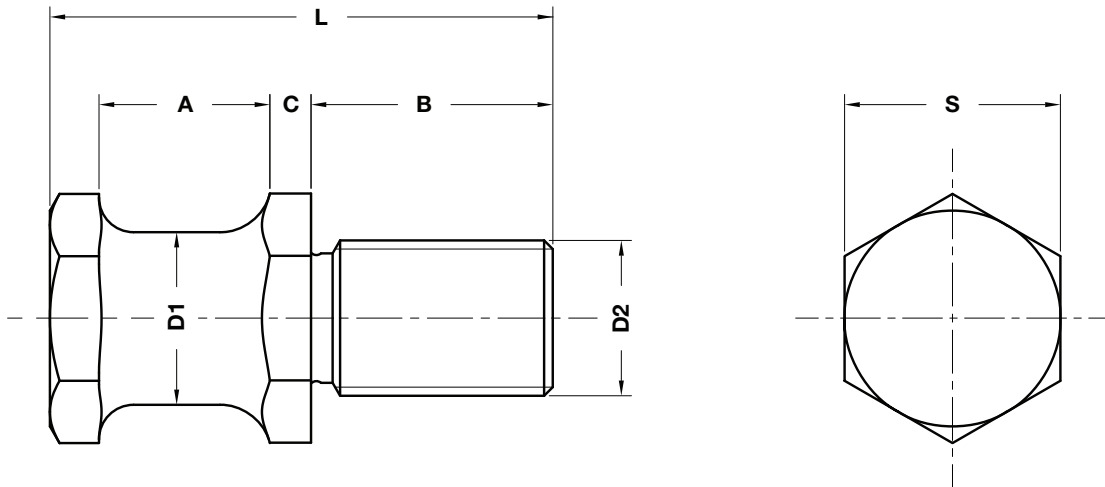
Notes

Material: CK45
700÷800 N/mm²



WEB

WEB



| | | |
|---------------|---------|-------|
| ORDER EXAMPLE | Art. | D1=32 |
| | B02.05. | 32 |

| OMCR CODE | Max load (kg) | Max die weight (kg) | D1 | D2 | A | B | C | L | S |
|-----------|---------------|---------------------|----|-----|----|----|-----|-----|----|
| B02.05.16 | 320 | 640 | 16 | M16 | 20 | 28 | 5,5 | 58 | 24 |
| B02.05.20 | 500 | 1000 | 20 | M20 | 22 | 34 | 6,5 | 68 | 30 |
| B02.05.25 | 1000 | 2000 | 25 | M24 | 25 | 38 | 8 | 78 | 36 |
| B02.05.32 | 1500 | 3000 | 32 | M30 | 32 | 45 | 10 | 95 | 41 |
| B02.05.40 | 2500 | 5000 | 40 | M36 | 40 | 56 | 12 | 118 | 50 |

LIFTING PIN WITH ROPE SAFETY STOP TRAGSCHRAUBE MIT SEILSICHERUNG PERNO DI SOLLEVAMENTO CON SICUREZZA FERMAFUNI

Patent-Nr.: TO2003A000468



Respect the max load
Maximale Nutzlast beachten
Rispettare il carico Max

WARNING - ACHTUNG - ATTENZIONE:

For safety reason, please consider always that the weight of the die has to be supported by just 2 lifting pins.

Aus Sicherheitsgründen stets berücksichtigen, dass zwei Tragschrauben das gesamte Werkzeuggewicht tragen müssen.

Per ragioni di sicurezza, considerare sempre che il peso dello stampo deve essere sopportato da 2 soli perni.

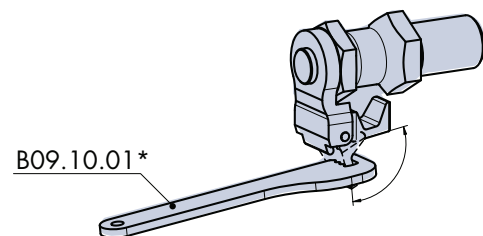
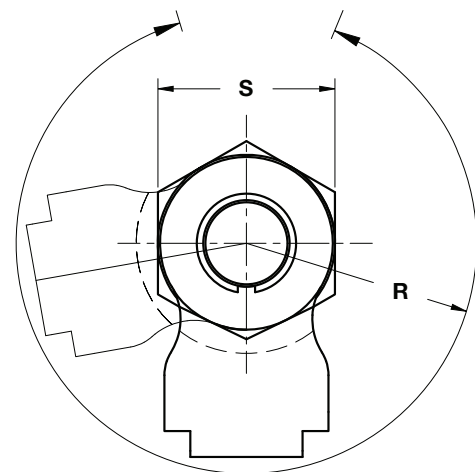
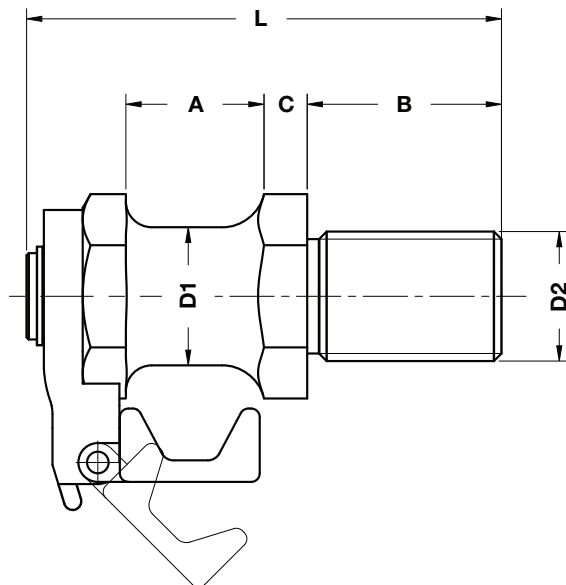
Notes

Material: CK45
700÷800 N/mm²



WEB

WEB



*To open rope stop safety use key B09.10.01

| | | |
|---------------|---------|-------|
| ORDER EXAMPLE | Art. | D1=32 |
| | B02.06. | 32 |

| OMCR CODE | Max load (kg) | Max die weight (kg) | D1 | D2 | A | B | C | L | S | R |
|-----------|---------------|---------------------|----|-----|----|----|-----|-----|----|----|
| B02.06.20 | 500 | 1000 | 20 | M20 | 22 | 34 | 6,5 | 80 | 30 | 38 |
| B02.06.25 | 1000 | 2000 | 25 | M24 | 25 | 38 | 8 | 93 | 36 | 42 |
| B02.06.32 | 1500 | 3000 | 32 | M30 | 32 | 45 | 10 | 110 | 41 | 50 |
| B02.06.40 | 2500 | 5000 | 40 | M36 | 40 | 56 | 12 | 132 | 50 | 57 |

LIFTING PIN VDI 3366 TRAGBOLZEN MIT FALLRINGSICHERUNG VDI 3366 PERNO DI SOLLEVAMENTO VDI 3366



Respect the max load
Maximale Nutzlast beachten
Rispettare il carico Max

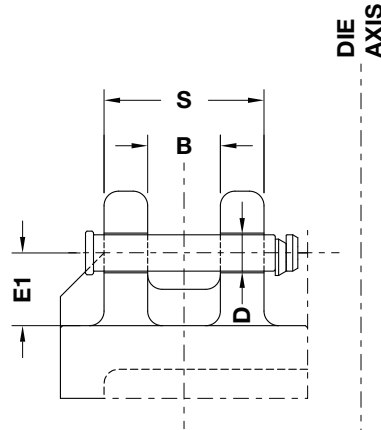
WARNING - ACHTUNG - ATTENZIONE:

For safety reason, please consider always that the weight of the die has to be supported by just 2 lifting pins.

Aus Sicherheitsgründen stets berücksichtigen, dass zwei Tragbolzen das gesamte Werkzeuggewicht tragen müssen.

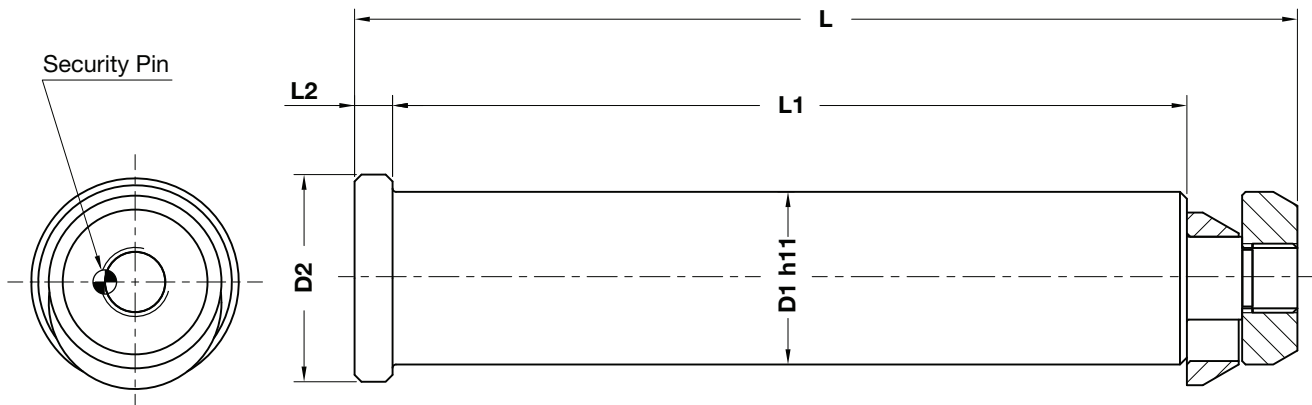
Per ragioni di sicurezza, considerare sempre che il peso dello stampo deve essere sopportato da 2 soli perni.

According - Nach - Secondo:
VDI3366 ed. 03/1997



WEB

WEB



| | | |
|---------------|---------|-------|
| ORDER EXAMPLE | Art. | D1=76 |
| | B02.10. | 76 |

| OMCR CODE | Max load (kg) | Max die weight (kg) | B | D | D1 | D2 | E1 | L | L1 | L2 | S | Material |
|-----------|---------------|---------------------|-----|----|----|----|-----|-----|-----|----|-----|--------------|
| B02.10.32 | 3200 | 6400 | 60 | 34 | 32 | 40 | 63 | 175 | 145 | 10 | 140 | CK45 |
| B02.10.40 | 5000 | 10000 | 80 | 42 | 40 | 50 | 80 | 225 | 188 | 10 | 180 | CK45 |
| B02.10.50 | 8000 | 16000 | 100 | 52 | 50 | 60 | 100 | 273 | 230 | 11 | 220 | CK45 |
| B02.10.63 | 12500 | 25000 | 120 | 65 | 63 | 75 | 125 | 347 | 295 | 14 | 280 | CK45 |
| B02.10.76 | 31500 | 63000 | 140 | 78 | 76 | 95 | 160 | 422 | 360 | 15 | 340 | 42CrMo4 + QT |

LIFTING PIN VW/AUDI TRAGBOLZEN MIT FALLRINGSICHERUNG UND FEDER NACH VW/AUDI-NORM PERNO DI SOLLEVAMENTO VW/AUDI



Respect the max load
Maximale Nutzlast beachten
Rispettare il carico Max

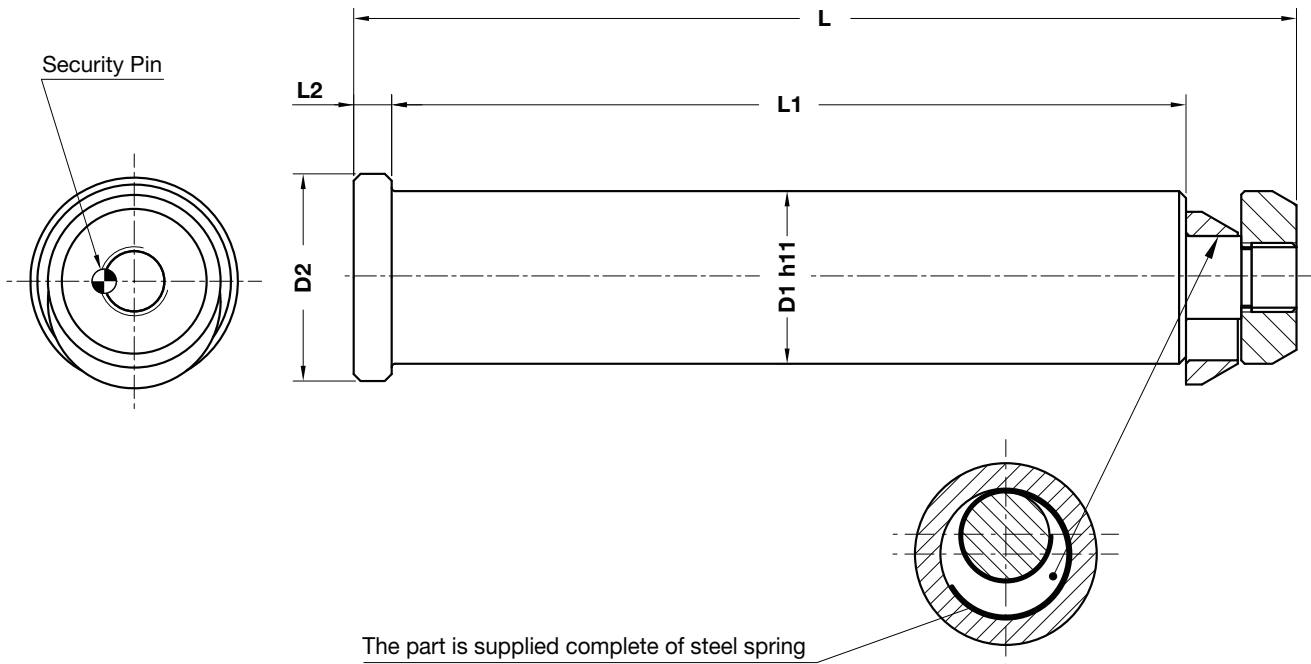
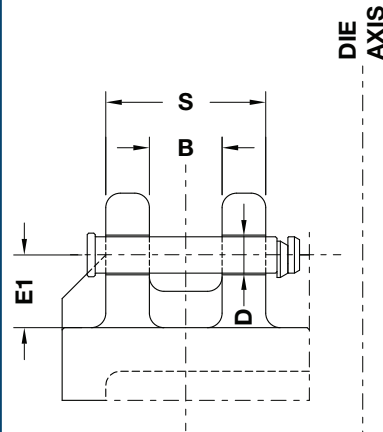
WARNING - ACHTUNG - ATTENZIONE:

For safety reason, please consider always that the weight of the die has to be supported by just 2 lifting pins.

Aus Sicherheitsgründen stets berücksichtigen, dass zwei Tragbolzen das gesamte Werkzeuggewicht tragen müssen.

Per ragioni di sicurezza, considerare sempre che il peso dello stampo deve essere sopportato da 2 soli perni.

According - Nach - Secondo:
39D866 VW ed. 09/2011



Lifting Elements

| | | |
|---------------|---------|-------|
| ORDER EXAMPLE | Art. | D1=76 |
| | B02.11. | 76 |

| OMCR CODE | Max load (kg) | Max die weight (kg) | B | D | D1 | D2 | E1 | L | L1 | L2 | S | Material |
|-----------|---------------|---------------------|-----|----|----|----|-----|-----|-----|----|-----|--------------|
| B02.11.32 | 3200 | 6400 | 60 | 34 | 32 | 40 | 63 | 175 | 145 | 10 | 140 | CK45 |
| B02.11.40 | 5000 | 10000 | 80 | 42 | 40 | 50 | 80 | 225 | 188 | 10 | 180 | CK45 |
| B02.11.50 | 8000 | 16000 | 100 | 52 | 50 | 60 | 100 | 273 | 230 | 11 | 220 | CK45 |
| B02.11.63 | 12500 | 25000 | 120 | 65 | 63 | 75 | 125 | 347 | 295 | 14 | 280 | CK45 |
| B02.11.76 | 31500 | 63000 | 140 | 78 | 76 | 95 | 160 | 422 | 360 | 15 | 340 | 42CrMo4 + QT |

LIFTING PIN MERCEDES-BENZ TRAGBOLZEN MIT FALLRINGSICHERUNG UND FEDER NACH MERCEDES-BENZ NORM PERNO DI SOLLEVAMENTO MERCEDES-BENZ



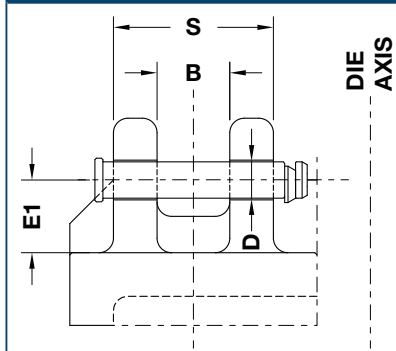
Respect the max load
Maximale Nutzlast beachten
Rispettare il carico Max

WARNING - ACHTUNG - ATTENZIONE:
For safety reason, please consider always that the weight of the die has to be supported by just 2 lifting pins.

Aus Sicherheitsgründen stets berücksichtigen, dass zwei Tragbolzen das gesamte Werkzeuggewicht tragen müssen.

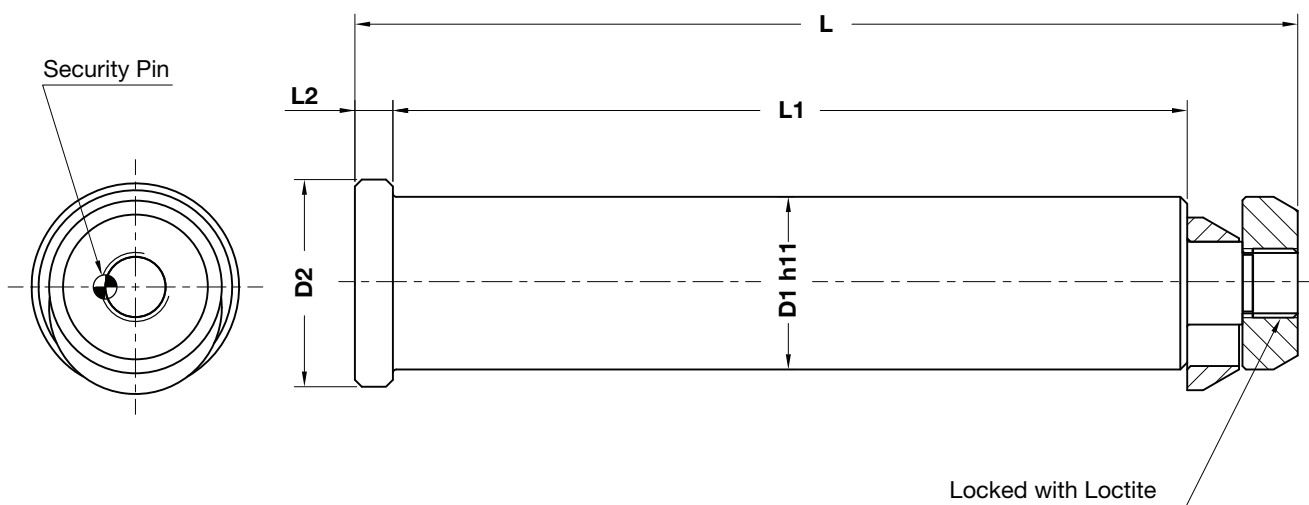
Per ragioni di sicurezza, considerare sempre che il peso dello stampo deve essere sopportato da 2 soli perni.

According - Nach - Secondo:
VDI3366



Notes

Material: 42CrMo4 + QT



| | | |
|---------------|---------|-------|
| ORDER EXAMPLE | Art. | D1=76 |
| | B02.12. | 76 |

| OMCR CODE | Max load (kg) | Max die weight (kg) | B | D | D1 | D2 | E1 | L | L1 | L2 | S |
|-----------|---------------|---------------------|-----|----|----|----|-----|-----|-----|----|-----|
| B02.12.32 | 3200 | 6400 | 60 | 34 | 32 | 40 | 63 | 175 | 145 | 10 | 140 |
| B02.12.40 | 5000 | 10000 | 80 | 42 | 40 | 50 | 80 | 225 | 188 | 10 | 180 |
| B02.12.50 | 8000 | 16000 | 100 | 52 | 50 | 60 | 100 | 273 | 230 | 11 | 220 |
| B02.12.63 | 12500 | 25000 | 120 | 65 | 63 | 75 | 125 | 347 | 295 | 14 | 280 |
| B02.12.76 | 31500 | 63000 | 140 | 78 | 76 | 95 | 160 | 422 | 360 | 15 | 340 |

LIFTING PIN FCA TRAGBOLZEN MIT FALLRINGSICHERUNG UND FEDER NACH FCA NORM PERNO DI SOLLEVAMENTO FCA



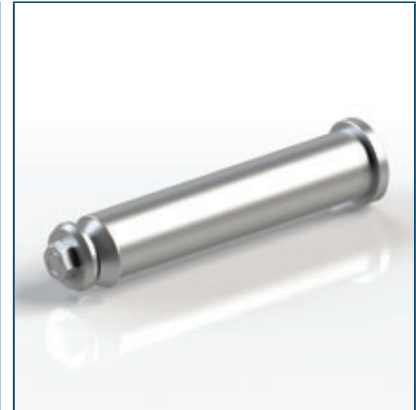
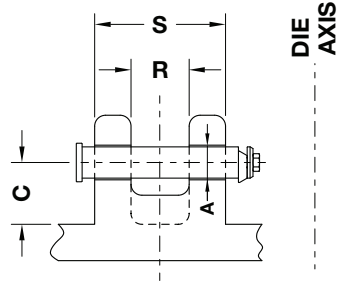
Respect the max load
Maximale Nutzlast beachten
Rispettare il carico Max

WARNING - ACHTUNG - ATTENZIONE:
For safety reason, please consider always that the weight of the die has to be supported by just 2 lifting pins.

Aus Sicherheitsgründen stets berücksichtigen, dass zwei Tragbolzen das gesamte Werkzeuggewicht tragen müssen.

Per ragioni di sicurezza, considerare sempre che il peso dello stampo deve essere sopportato da 2 soli perni.

According - Nach - Secondo:
095.25.



Notes

Material: CK45

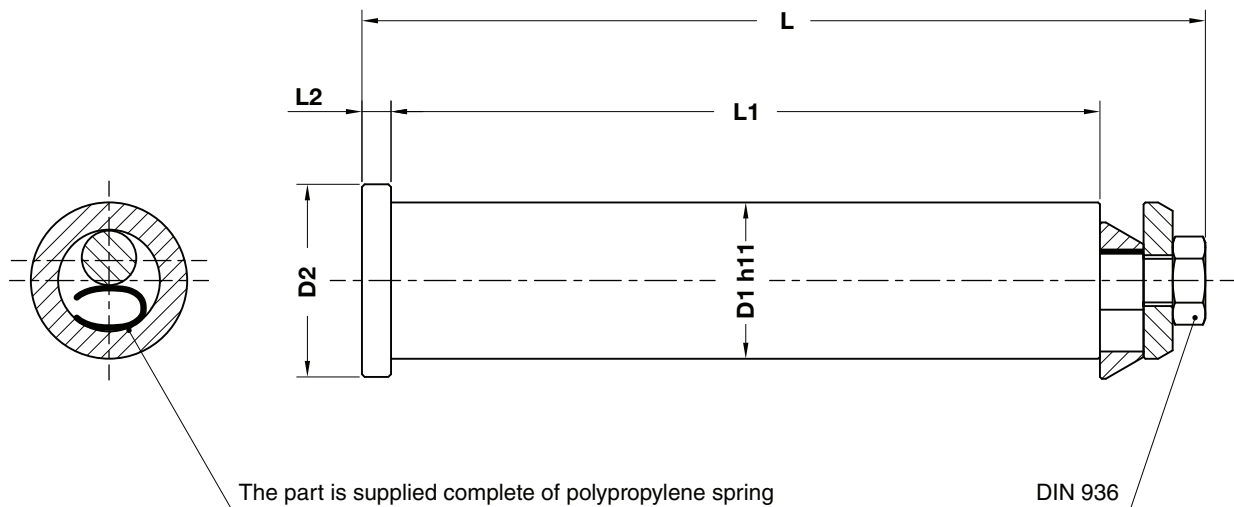
STOCK



WEB

WEB

Only for replacement
Nur für Reparatur
Solo per riparazione



Lifting Elements

| | | | |
|---------------|---------|-------|------|
| ORDER EXAMPLE | Art. | D1=53 | Type |
| | B02.15. | 53 | C |

| OMCR CODE | Max load (kg) | Max die weight (kg) | Type | A | C | D1 | D2 | L | L1 | L2 | R | S |
|------------|---------------|---------------------|------|----|-----|----|----|-------|-----|----|-----|-----|
| B02.15.43 | 5000 | 10000 | - | 45 | 85 | 43 | 53 | 233 | 195 | 8 | 80 | 180 |
| B02.15.53 | 8000 | 16000 | - | 55 | 105 | 53 | 65 | 282 | 235 | 10 | 100 | 220 |
| B02.15.53C | 8000 | 16000 | C | 55 | 75 | 53 | 65 | 227 | 180 | 10 | 65 | 165 |
| B02.15.63 | 12000 | 24000 | - | 65 | 130 | 63 | 78 | 352,5 | 295 | 12 | 120 | 280 |
| B02.15.63C | 13000 | 26000 | C | 65 | 100 | 63 | 78 | 272,5 | 215 | 12 | 80 | 200 |
| B02.15.78 | 30000 | 60000 | - | 81 | 150 | 78 | 95 | 421,5 | 355 | 14 | 140 | 340 |

LIFTING PIN FCA TRAGBOLZEN MIT FALLRINGSICHERUNG UND FEDER NACH FCA NORM PERNO DI SOLLEVAMENTO FCA



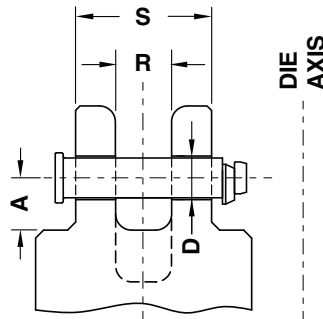
Respect the max load
Maximale Nutzlast beachten
Rispettare il carico Max

WARNING - ACHTUNG - ATTENZIONE:
For safety reason, please consider always that the weight of the die has to be supported by just 2 lifting pins.

Aus Sicherheitsgründen stets berücksichtigen, dass zwei Tragbolzen das gesamte Werkzeuggewicht tragen müssen.

Per ragioni di sicurezza, considerare sempre che il peso dello stampo deve essere sopportato da 2 soli perni.

According - Nach - Secondo:
095.25.



Notes

Material: 42CrMo4 + QT

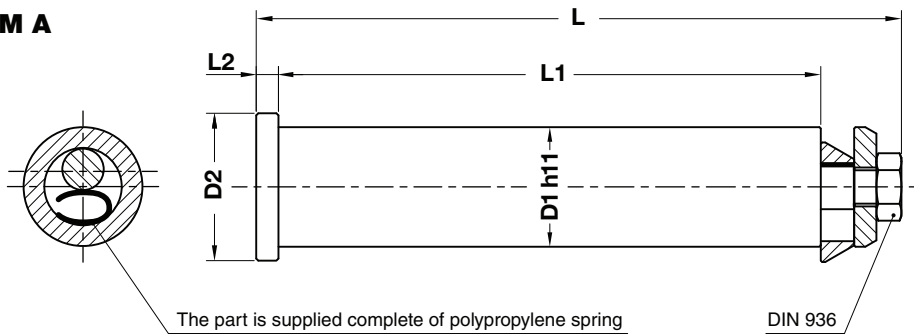
STOCK



WEB

WEB

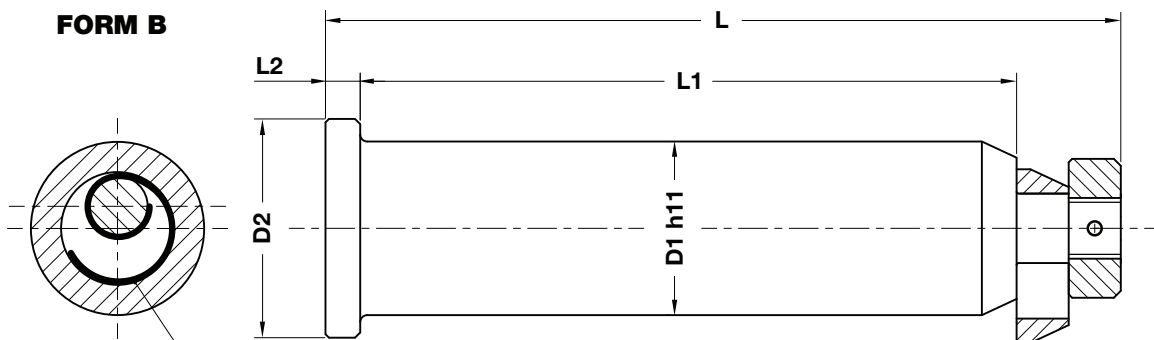
FORM A



The part is supplied complete of polypropylene spring

DIN 936

FORM B



The part is supplied complete of steel spring

| | | |
|---------------|---------|-------|
| ORDER EXAMPLE | Art. | D1=50 |
| | B02.16. | 50 |

| OMCR CODE | Max load (kg) | Max die weight (kg) | A | D | D1 | D2 | L | L1 | L2 | R | S | FORM |
|-----------|---------------|---------------------|-----|----|----|----|-------|-----|----|-----|-----|------|
| B02.16.29 | 4000 | 8000 | 60 | 30 | 29 | 38 | 178.5 | 150 | 6 | 60 | 140 | A |
| B02.16.33 | 7000 | 14000 | 65 | 35 | 33 | 43 | 200.5 | 170 | 6 | 60 | 160 | A |
| B02.16.50 | 10000 | 20000 | 70 | 52 | 50 | 63 | 230 | 190 | 10 | 85 | 185 | B |
| B02.16.63 | 20000 | 40000 | 100 | 65 | 63 | 76 | 320 | 280 | 10 | 110 | 270 | B |
| B02.16.80 | 40000 | 80000 | 105 | 82 | 80 | 89 | 370 | 320 | 15 | 110 | 310 | B |

LIFTING PIN FORD TRAGBOLZEN MIT FALLRINGSICHERUNG UND FEDER NACH FORD NORM PERNO DI SOLLEVAMENTO FORD



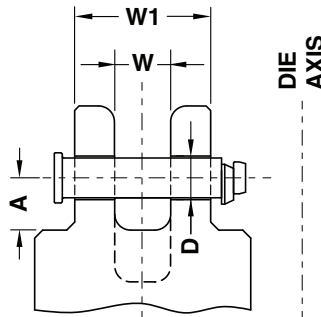
Respect the max load
Maximale Nutzlast beachten
Rispettare il carico Max

WARNING - ACHTUNG - ATTENZIONE:
For safety reason, please consider always that the weight of the die has to be supported by just 2 lifting pins.

Aus Sicherheitsgründen stets berücksichtigen, dass zwei Tragbolzen das gesamte Werkzeuggewicht tragen müssen.

Per ragioni di sicurezza, considerare sempre che il peso dello stampo deve essere sopportato da 2 soli perni.

According - Nach - Secondo:
W-DX 12-04



Notes

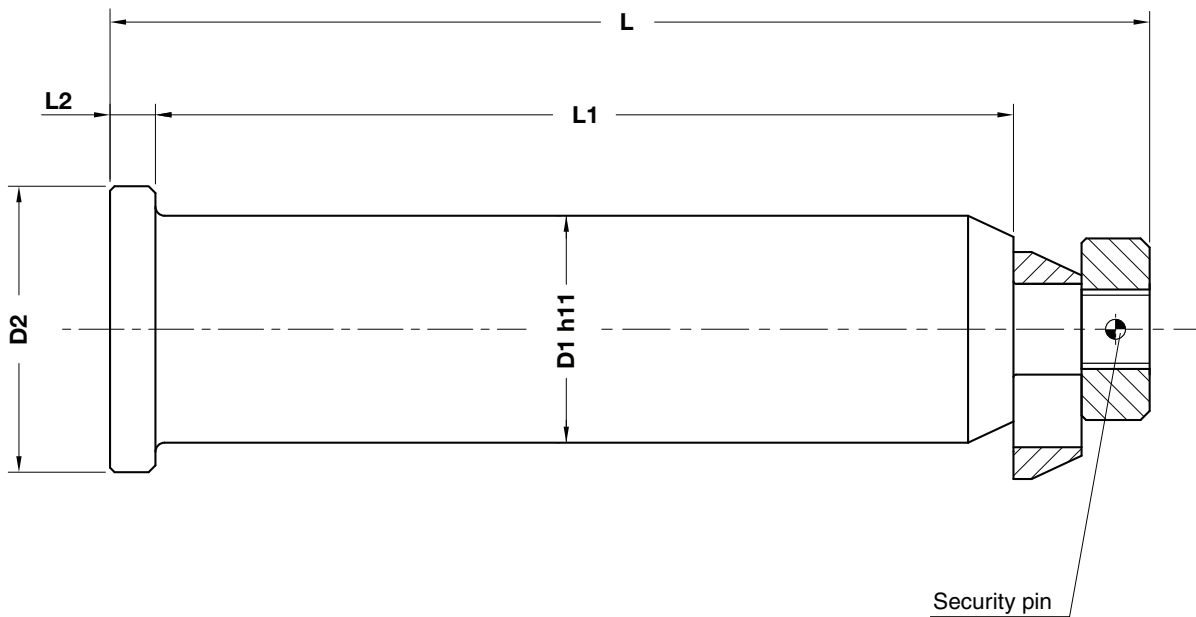
Material: 42CrMo4 + QT

STOCK



WEB

WEB



Lifting Elements

| | | |
|---------------|---------|-------|
| ORDER EXAMPLE | Art. | D1=50 |
| | B02.22. | 50 |

| OMCR CODE | Max load (kg) | Max die weight (kg) | A | D | D1 | D2 | L | L1 | L2 | W | W1 |
|-----------|---------------|---------------------|-----|----|----|----|-----|-----|----|-----|-----|
| B02.22.35 | 1500 | 3000 | 60 | 37 | 35 | 45 | 165 | 125 | 10 | 50 | 110 |
| B02.22.50 | 5500 | 10050 | 130 | 52 | 50 | 63 | 230 | 190 | 10 | 70 | 170 |
| B02.22.63 | 23000 | 45500 | 145 | 65 | 63 | 76 | 320 | 280 | 10 | 100 | 260 |
| B02.22.80 | 30000 | 60000 | 145 | 82 | 80 | 89 | 370 | 320 | 15 | 100 | 300 |

LIFTING PIN NISSAN TRAGBOLZEN MIT FALLRINGSICHERUNG UND FEDER NACH NISSAN NORM PERNO DI SOLLEVAMENTO NISSAN



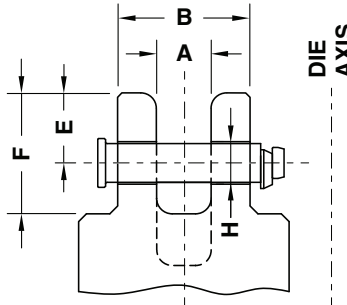
Respect the max load
Maximale Nutzlast beachten
Rispettare il carico Max

WARNING - ACHTUNG - ATTENZIONE:
For safety reason, please consider always that the weight of the die has to be supported by just 2 lifting pins.

Aus Sicherheitsgründen stets berücksichtigen, dass zwei Tragbolzen das gesamte Werkzeuggewicht tragen müssen.

Per ragioni di sicurezza, considerare sempre che il peso dello stampo deve essere sopportato da 2 soli perni.

According - Nach - Secondo:
K1140-40÷80



Notes

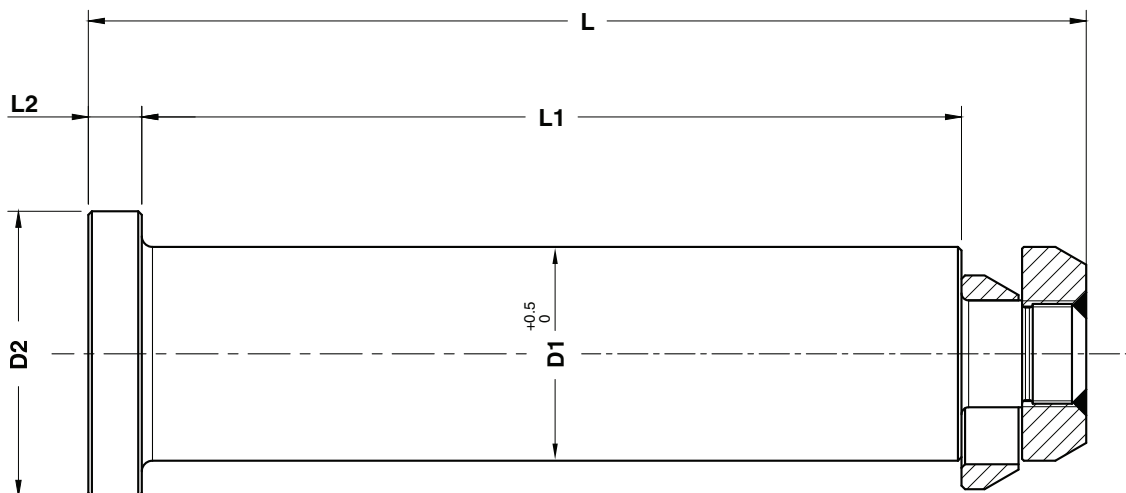
Material: 42CrMo4 + QT

STOCK



WEB

WEB



| | | |
|---------------|---------|-------|
| ORDER EXAMPLE | Art. | D1=50 |
| | B02.23. | 50 |

| OMCR CODE | Max load (kg) | Max die weight (kg) | A | B | H | D1 | D2 | E | F | L | L1 | L2 |
|-----------|---------------|---------------------|----|-----|------|----|-----|-----|-----|-----|-----|----|
| B02.23.40 | 2000 | 4000 | 50 | 150 | 41,5 | 40 | 60 | 50 | 110 | 210 | 160 | 15 |
| B02.23.50 | 3000 | 6000 | 70 | 210 | 51,5 | 50 | 70 | 75 | 150 | 270 | 220 | 15 |
| B02.23.60 | 5000 | 10000 | 80 | 220 | 61,5 | 60 | 80 | 100 | 195 | 280 | 230 | 15 |
| B02.23.70 | 7500 | 15000 | 80 | 240 | 71,5 | 70 | 90 | 110 | 210 | 300 | 250 | 15 |
| B02.23.80 | 17500 | 35000 | 90 | 290 | 82 | 80 | 100 | 120 | 230 | 350 | 300 | 15 |

LIFTING PIN OPEL-GM TRAGBOLZEN MIT FALLRINGSICHERUNG UND FEDER NACH OPEL-GM NORM PERNO DI SOLLEVAMENTO OPEL-GM



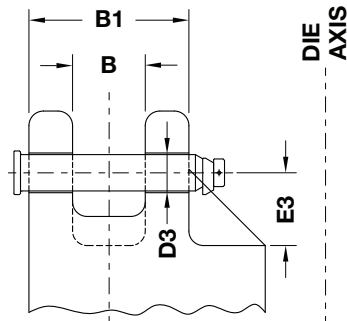
Respect the max load
Maximale Nutzlast beachten
Rispettare il carico Max

WARNING - ACHTUNG - ATTENZIONE:
For safety reason, please consider always that the weight of the die has to be supported by just 2 lifting pins.

Aus Sicherheitsgründen stets berücksichtigen, dass zwei Tragbolzen das gesamte Werkzeuggewicht tragen müssen.

Per ragioni di sicurezza, considerare sempre che il peso dello stampo deve essere sopportato da 2 soli perni.

According - Nach - Secondo:
15.30.00 ed. 05/2007



Notes

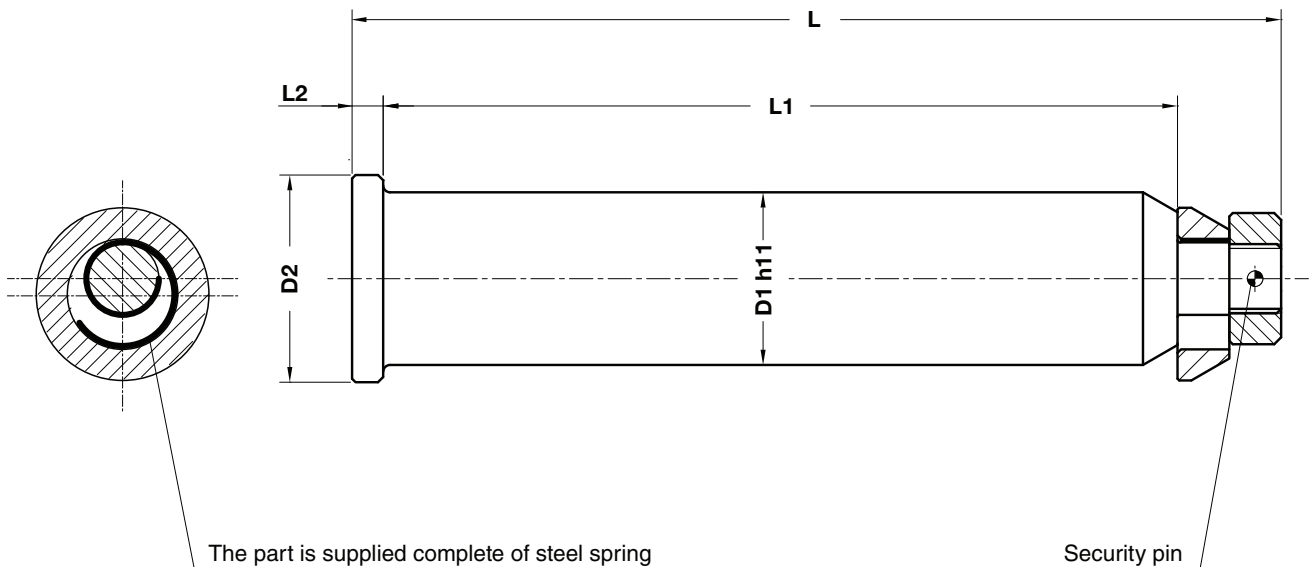
Material: 42CrMo4 + QT

STOCK



WEB

WEB



Lifting Elements

| | | |
|---------------|---------|-------|
| ORDER EXAMPLE | Art. | D1=80 |
| | B02.26. | 80 |

| OMCR CODE | Max load (kg) | Max die weight (kg) | B | B1 | D1 | D2 | D3 | E3 | L | L1 | L2 |
|-----------|---------------|---------------------|-----|-----|----|----|----|-----|-----|-----|----|
| B02.26.32 | 3400 | 6800 | 70 | 150 | 32 | 40 | 34 | 65 | 177 | 155 | 5 |
| B02.26.40 | 5650 | 11300 | 80 | 180 | 40 | 50 | 42 | 85 | 220 | 188 | 7 |
| B02.26.50 | 8950 | 17900 | 100 | 220 | 50 | 60 | 52 | 100 | 270 | 230 | 9 |
| B02.26.63 | 14350 | 28700 | 120 | 280 | 63 | 75 | 65 | 125 | 342 | 295 | 16 |
| B02.26.80 | 26700 | 53400 | 120 | 320 | 80 | 89 | 82 | 160 | 387 | 335 | 16 |

LIFTING PIN PSA-RENAULT TRAGBOLZEN MIT FALLRINGSICHERUNG UND FEDER NACH PSA-RENAULT NORM PERNO DI SOLLEVAMENTO PSA-RENAULT



Respect the max load
Maximale Nutzlast beachten
Rispettare il carico Max

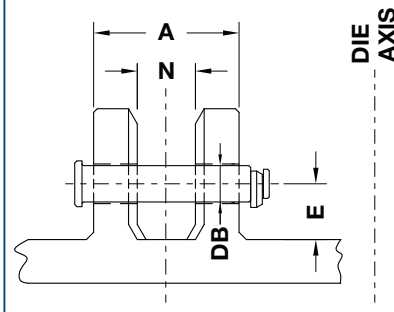
WARNING - ACHTUNG - ATTENZIONE:

For safety reason, please consider always that the weight of the die has to be supported by just 2 lifting pins.

Aus Sicherheitsgründen stets berücksichtigen, dass zwei Tragbolzen das gesamte Werkzeuggewicht tragen müssen.

Per ragioni di sicurezza, considerare sempre che il peso dello stampo deve essere sopportato da 2 soli perni.

According - Nach - Secondo:
EM24.50.400 ed. 07/2006
EM24.59.950 ed. 07/2006



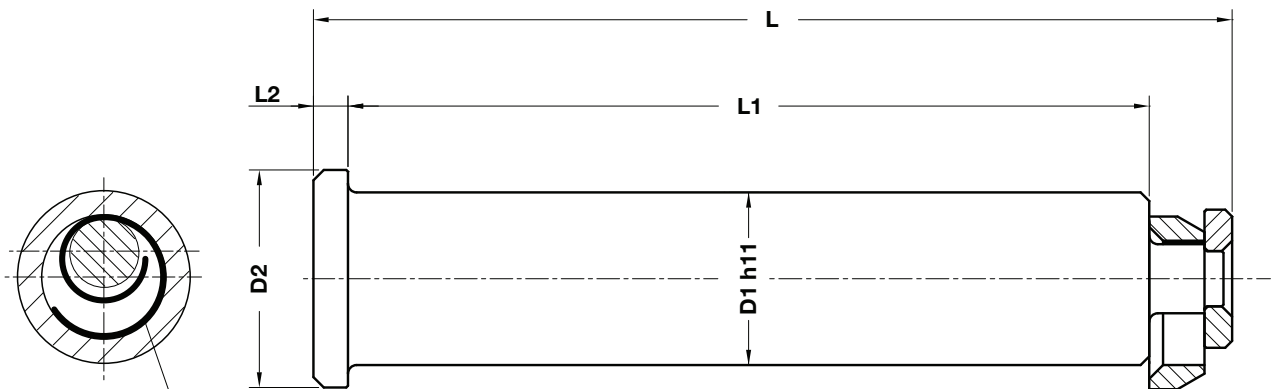
Notes

Material: St52



WEB

WEB



The part is supplied complete of steel spring

| | | |
|---------------|---------|-------|
| ORDER EXAMPLE | Art. | D1=50 |
| | B02.30. | 50 |

| OMCR CODE | Max load (kg) | Max die weight (kg) | A | E | DB | D1 | D2 | L | L1 | L2 | N |
|-----------|---------------|---------------------|-----|-----|----|----|----|-------|-----|----|-----|
| B02.30.32 | 6000 | 12000 | 125 | 55 | 34 | 32 | 40 | 154 | 132 | 6 | 50 |
| B02.30.40 | 9000 | 18000 | 160 | 70 | 42 | 40 | 50 | 197,5 | 170 | 8 | 65 |
| B02.30.50 | 14000 | 28000 | 200 | 90 | 52 | 50 | 63 | 247,5 | 212 | 10 | 80 |
| B02.30.63 | 22500 | 45000 | 250 | 100 | 65 | 63 | 80 | 309 | 265 | 12 | 100 |

LIFTING PIN VOLVO TRAGBOLZEN MIT FALLRINGSICHERUNG UND FEDER NACH VOLVO NORM PERNO DI SOLLEVAMENTO VOLVO



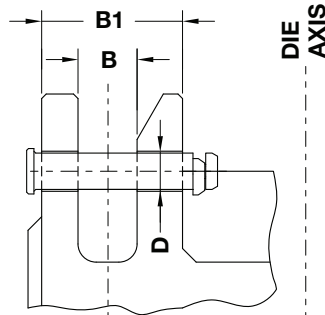
Respect the max load
Maximale Nutzlast beachten
Rispettare il carico Max

WARNING - ACHTUNG - ATTENZIONE:
For safety reason, please consider always that the weight of the die has to be supported by just 2 lifting pins.

Aus Sicherheitsgründen stets berücksichtigen, dass zwei Tragbolzen das gesamte Werkzeuggewicht tragen müssen.

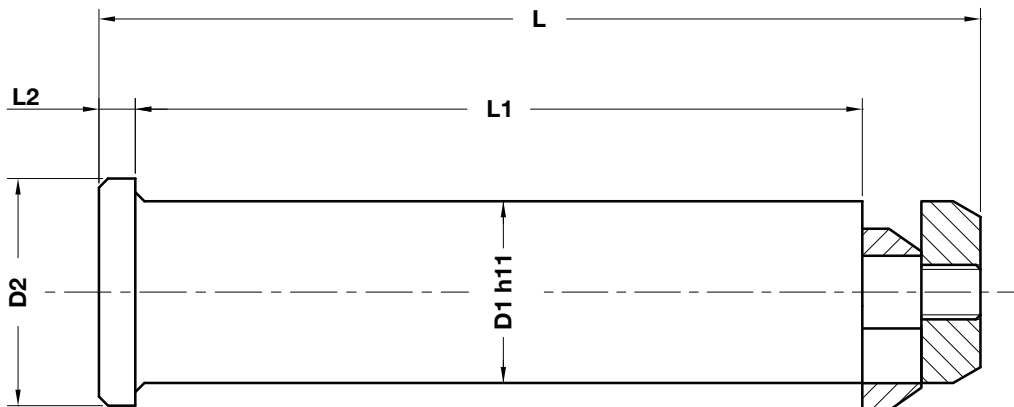
Per ragioni di sicurezza, considerare sempre che il peso dello stampo deve essere sopportato da 2 soli perni.

According - Nach - Secondo:
BCD8271,81 01/2015



Notes

Material: St52



| | | | |
|---------------|---------|-------|------|
| ORDER EXAMPLE | Art. | D1=63 | Type |
| | B02.35. | 63 | C |

| OMCR CODE | Max load (kg) | Max die weight (kg) | Type | A | B | B1 | C | D | D1 | D2 | E | L | L1 | L2 |
|------------|---------------|---------------------|------|-----|-----|-----|-----|----|----|----|-----|-----|-----|----|
| B02.35.40 | 2500 | 5000 | - | 40 | 65 | 155 | 50 | 42 | 40 | 50 | 100 | 195 | 160 | 8 |
| B02.35.63C | 8000 | 16000 | C | 60 | 100 | 220 | 60 | 65 | 63 | 75 | 125 | 285 | 230 | 14 |
| B02.35.63 | 12000 | 24000 | - | 80 | 100 | 260 | 80 | 65 | 63 | 75 | 125 | 327 | 275 | 14 |
| B02.35.80 | 20000 | 40000 | - | 100 | 120 | 320 | 100 | 82 | 80 | 95 | 180 | 402 | 340 | 15 |

REPLACEMENT LIFTING PIN FOR LIFTING BRACKET BMW ERSATZTRAGBOLZEN FÜR TRAGWANGE BMW PERNO DI RICAMBIO PER STAFFA DI SOLLEVAMENTO BMW



Respect the max load
Maximale Nutzlast beachten
Rispettare il carico Max

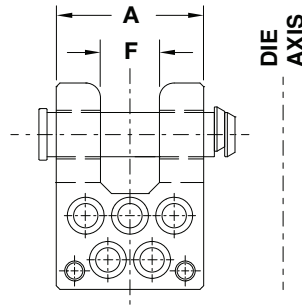
WARNING - ACHTUNG - ATTENZIONE:

For safety reason, please consider always that the weight of the die has to be supported by just 2 lifting pins.

Aus Sicherheitsgründen stets berücksichtigen, dass zwei Tragbolzen das gesamte Werkzeuggewicht tragen müssen.

Per ragioni di sicurezza, considerare sempre che il peso dello stampo deve essere sopportato da 2 soli perni.

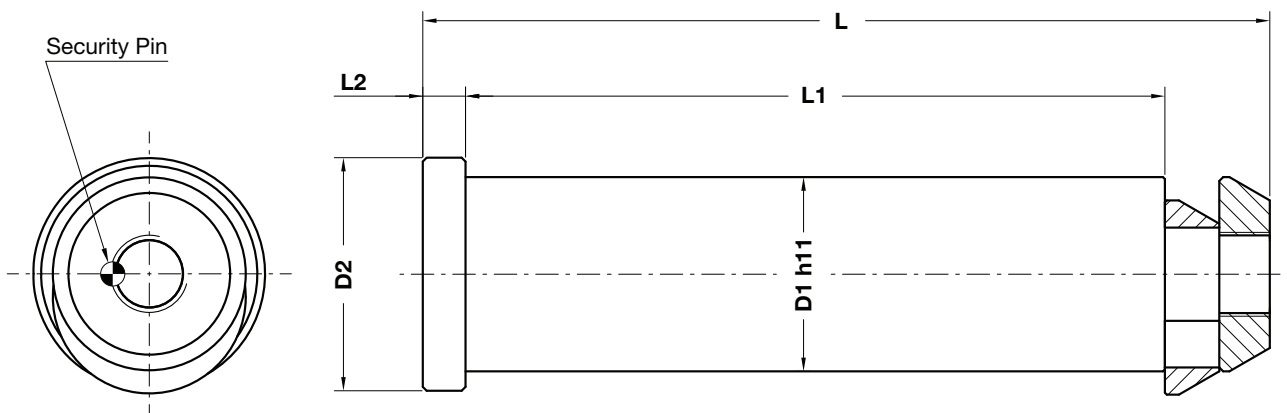
According - Nach - Secondo:
B01.20



Notes

Material:

See table - siehe Tabelle - vedi tabella



| | | | |
|---------------|---------|-------|------|
| ORDER EXAMPLE | Art. | D1=80 | Type |
| | B02.40. | 80 | A |

| OMCR CODE | Max load (kg) | Max die weight (kg) | Type | A | F | D1 | D2 | L | L1 | L2 | Material |
|------------|---------------|---------------------|------|-----|-----|----|----|-----|-----|----|--------------|
| B02.40.30 | 3200 | 6400 | - | 126 | 50 | 30 | 40 | 158 | 129 | 10 | CK45 |
| B02.40.40 | 5000 | 10000 | - | 150 | 60 | 40 | 50 | 187 | 155 | 10 | CK45 |
| B02.40.50 | 8000 | 16000 | - | 175 | 75 | 50 | 60 | 220 | 180 | 11 | CK45 |
| B02.40.60 | 12500 | 25000 | - | 200 | 80 | 60 | 70 | 246 | 205 | 11 | CK45 |
| B02.40.80 | 18000 | 36000 | - | 250 | 100 | 80 | 90 | 305 | 255 | 12 | CK45 |
| B02.40.80A | 25000 | 50000 | A | 300 | 120 | 80 | 90 | 360 | 310 | 12 | 42CrMo4 + QT |
| B02.40.80B | 31500 | 63000 | B | 345 | 135 | 80 | 90 | 405 | 355 | 22 | 42CrMo4 + QT |

REPLACEMENT LIFTING PIN FOR LIFTING BRACKET FCA ERSATZTRAGBOLZEN FÜR TRAGWANGE FCA PERNO DI RICAMBIO PER STAFFA DI SOLLEVAMENTO FCA



Respect the max load
Maximale Nutzlast beachten
Rispettare il carico Max

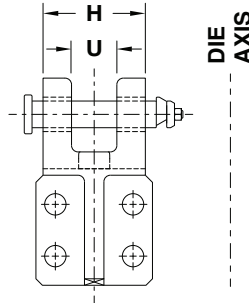
WARNING - ACHTUNG - ATTENZIONE:

For safety reason, please consider always that the weight of the die has to be supported by just 2 lifting pins.

Aus Sicherheitsgründen stets berücksichtigen, dass zwei Tragbolzen das gesamte Werkzeuggewicht tragen müssen.

Per ragioni di sicurezza, considerare sempre che il peso dello stampo deve essere sopportato da 2 soli perni.

According - Nach - Secondo:
B01.15



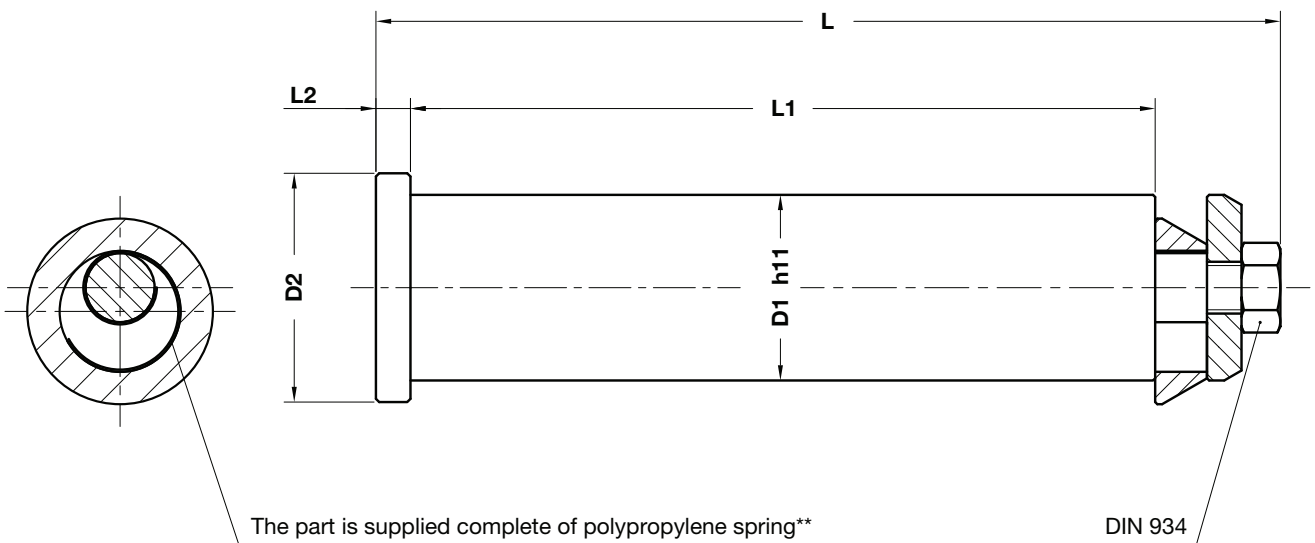
Notes

Material: CK45



WEB

WEB



Lifting Elements

| | | |
|---------------|---------|-------|
| ORDER EXAMPLE | Art. | D1=60 |
| | B02.42. | 60 |

| OMCR CODE | Max load (kg) | Max die weight (kg) | D1 | D2 | H | L | L1 | L2 | U |
|-----------|---------------|---------------------|------|----|-----|-------|-----|----|----|
| B02.42.15 | 600 | 1200 | 15,6 | 25 | 70 | 102,5 | 77 | 6 | 30 |
| B02.42.20 | 1000 | 2000 | 20,6 | 30 | 79 | 113,5 | 86 | 6 | 35 |
| B02.42.25 | 2000 | 4000 | 25,6 | 35 | 90 | 128,5 | 100 | 6 | 40 |
| B02.42.33 | 4000 | 8000 | 33 | 43 | 125 | 166,5 | 135 | 6 | 55 |
| B02.42.43 | 7000 | 14000 | 43 | 53 | 160 | 210,5 | 175 | 8 | 60 |

REPLACEMENT LIFTING PIN FOR LIFTING BRACKET VW/AUDI ERSATZTRAGBOLZEN FÜR TRAGWANGE VW/AUDI PERNO DI RICAMBIO PER STAFFA DI SOLLEVAMENTO VW/AUDI



Respect the max load
Maximale Nutzlast beachten
Rispettare il carico Max

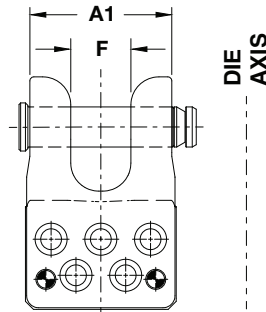
WARNING - ACHTUNG - ATTENZIONE:

For safety reason, please consider always that the weight of the die has to be supported by just 2 lifting pins.

Aus Sicherheitsgründen stets berücksichtigen, dass zwei Tragbolzen das gesamte Werkzeuggewicht tragen müssen.

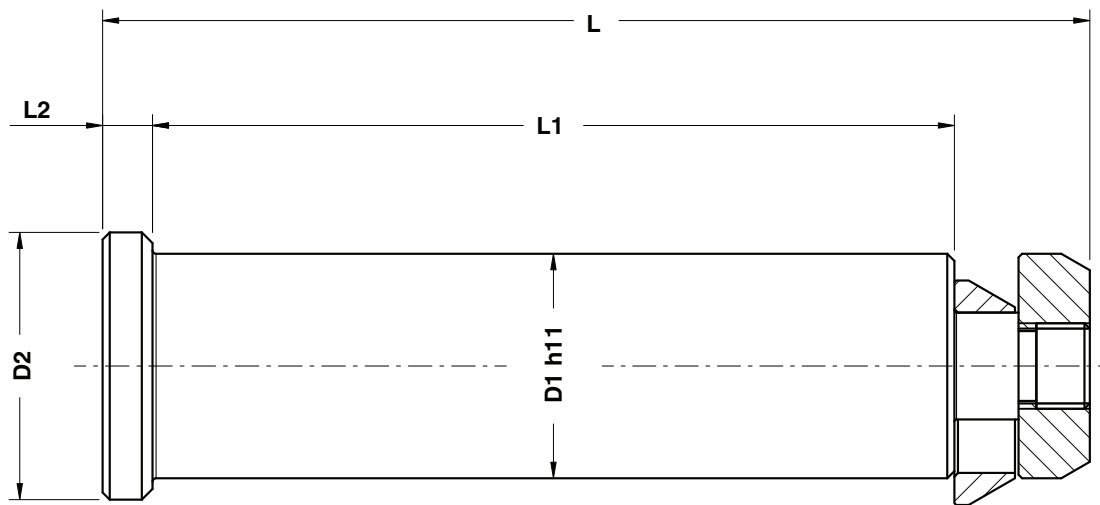
Per ragioni di sicurezza, considerare sempre che il peso dello stampo deve essere sopportato da 2 soli perni.

According - Nach - Secondo:
B01.24



Notes

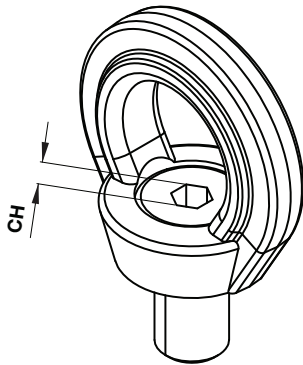
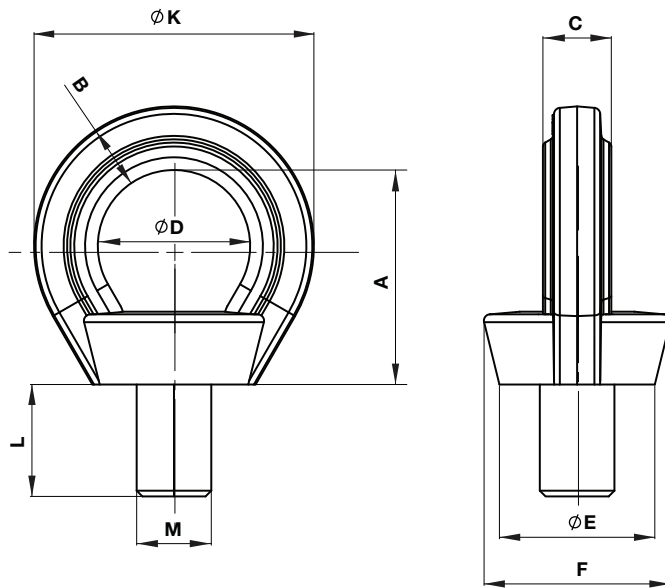
Material: CK45



| | | |
|---------------|---------|----|
| ORDER EXAMPLE | Art. | D1 |
| | B02.44. | 63 |

| OMCR CODE | Max load (kg) | Max die weight (kg) | A1 | D1 | D2 | F | L | L1 | L2 |
|-----------|---------------|---------------------|-----|----|----|----|-----|-----|----|
| B02.44.50 | 8000 | 16000 | 177 | 50 | 60 | 75 | 221 | 182 | 11 |
| B02.44.63 | 12500 | 25000 | 220 | 63 | 75 | 80 | 277 | 225 | 14 |

ROTATING EYEBOLT H.T. - RINGSCHRAUBE H.T. - GOLFARE GIREVOLE H.T.



FORESEEN USE

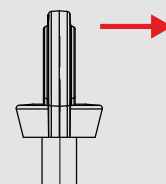
Turning eyebolt needed to lift loads to assemble to the load itself with specific threaded hole generally used to turn or tilt heavy loads.

- Safety coefficient 4 in all loading directions
- Designed, tested and certified in compliance with the technical directives GS-OA 15-04 EN 1677
- Suitable for safe lifting in compliance with the machinery directive 2006/42/EC
- Can be oriented at 360°
- Tested at 100 % magnaflux
- Tested at 20.000 stress cycles
- Ideal for fastening at 90°
- Captive screws
- On the axial pull there can be variation of +/-5° with a 10% decrease in capacity

Accordingly with the requirements of "DGUV – German institution for security" please use the devise with the screw supplied, if replaced OMCR Srl disclaims any and all responsibility or liability.

Not suitable for continuous rotation during loading

CONFIGURATION NOT RECOMMENDED



| | | | |
|--|---------|------------|------------|
| | Art. | Screw Dim. | OPTION KEY |
| | B03.10. | O10 | W |

| OMCR CODE | Size (mm) | W.L.L. (t) | A (mm) | B (mm) | C (mm) | D (Ømm) | E (Ømm) | F (mm) | K (mm) | L (mm) | CH (mm) | Weight (Kg) |
|------------|-----------|------------|--------|--------|--------|---------|---------|--------|--------|--------|---------|-------------|
| B03.10.006 | M06 | 0,1 | 27 | 9,5 | 7 | 20 | 23 | 27,7 | 37 | 9 | 6 | 0,08 |
| B03.10.008 | M08 | 0,3 | 33,7 | 10 | 9,8 | 25 | 25,5 | 30 | 46 | 12 | 6 | 0,120 |
| B03.10.010 | M10 | 0,4 | 33,7 | 10 | 9,8 | 25 | 25,5 | 30 | 46 | 15 | 6 | 0,120 |
| B03.10.012 | M12 | 0,75 | 41,5 | 12,5 | 11,5 | 30 | 30,6 | 36,5 | 55,5 | 18 | 8 | 0,200 |
| B03.10.016 | M16 | 1,5 | 49,5 | 14,5 | 15,7 | 35 | 36,5 | 42 | 64,5 | 24 | 10 | 0,350 |
| B03.10.020 | M20 | 2,3 | 58 | 16 | 18 | 40 | 42 | 52,5 | 74,5 | 30 | 12 | 0,600 |
| B03.10.024 | M24 | 3,2 | 69 | 20,5 | 22 | 49 | 50 | 61 | 90 | 36 | 12 | 1,000 |
| B03.10.030 | M30 | 4,5 | 86 | 25,5 | 28 | 60 | 66 | 75 | 111 | 45 | 17 | 2,000 |
| B03.10.036 | M36 | 7 | 105 | 32 | 30 | 74 | 77 | 96,5 | 135 | 55 | 22 | 3,400 |
| B03.10.042 | M42 | 9 | 118 | 38 | 37 | 82 | 87 | 110 | 158 | 65 | 24 | 5,700 |
| B03.10.048 | M48 | 12 | 137 | 43 | 38 | 95 | 102 | 124,5 | 180 | 72 | 27 | 8,500 |

WORKING LOAD LIMIT W.L.L. (t)

| OMCR CODE | Size (mm) | | | | | | | | | | | Max tightening couple (Nm) |
|------------|-----------|------------|--------|------------|--------|--------|---------|----------|--------|---------|-------|----------------------------|
| | | 0° | 0° | 90° | 90° | 0-45° | 45°-60° | Asymm | 0°-45° | 45°-60° | Asymm | |
| | | Single leg | 2 legs | Single leg | 2 legs | 2 legs | | 3/4 legs | | | | |
| B03.10.006 | M06 | 0,5 | 1 | 0,1 | 0,2 | 0,14 | 0,1 | 0,1 | 0,21 | 0,15 | 0,1 | 6 |
| B03.10.008 | M08 | 1 | 2 | 0,3 | 0,6 | 0,42 | 0,3 | 0,3 | 0,63 | 0,45 | 0,3 | 8 |
| B03.10.010 | M10 | 1 | 2 | 0,4 | 0,8 | 0,56 | 0,4 | 0,4 | 0,84 | 0,6 | 0,4 | 16 |
| B03.10.012 | M12 | 2 | 4 | 0,75 | 1,5 | 1 | 0,75 | 0,75 | 1,6 | 1,12 | 0,75 | 25 |
| B03.10.016 | M16 | 4 | 8 | 1,5 | 3 | 2 | 1,5 | 1,5 | 3,15 | 2,25 | 1,5 | 60 |
| B03.10.020 | M20 | 6 | 12 | 2,3 | 4,6 | 3,22 | 2,3 | 2,3 | 4,83 | 3,45 | 2,3 | 110 |
| B03.10.024 | M24 | 8 | 16 | 3,2 | 6,4 | 4,48 | 3,2 | 3,2 | 6,7 | 4,8 | 3,2 | 195 |
| B03.10.030 | M30 | 12 | 24 | 4,5 | 9 | 6,3 | 4,5 | 4,5 | 9,4 | 6,7 | 4,5 | 320 |
| B03.10.036 | M36 | 16 | 32 | 7 | 14 | 9,8 | 7 | 7 | 14,7 | 10,5 | 7 | 585 |
| B03.10.042 | M42 | 24 | 45 | 9 | 18 | 12,6 | 9 | 9 | 18,9 | 13,5 | 9 | 920 |
| B03.10.048 | M48 | 32 | 64 | 12 | 24 | 16,8 | 12 | 12 | 25,2 | 18 | 12 | 1590 |

Lifting Elements

B03.10

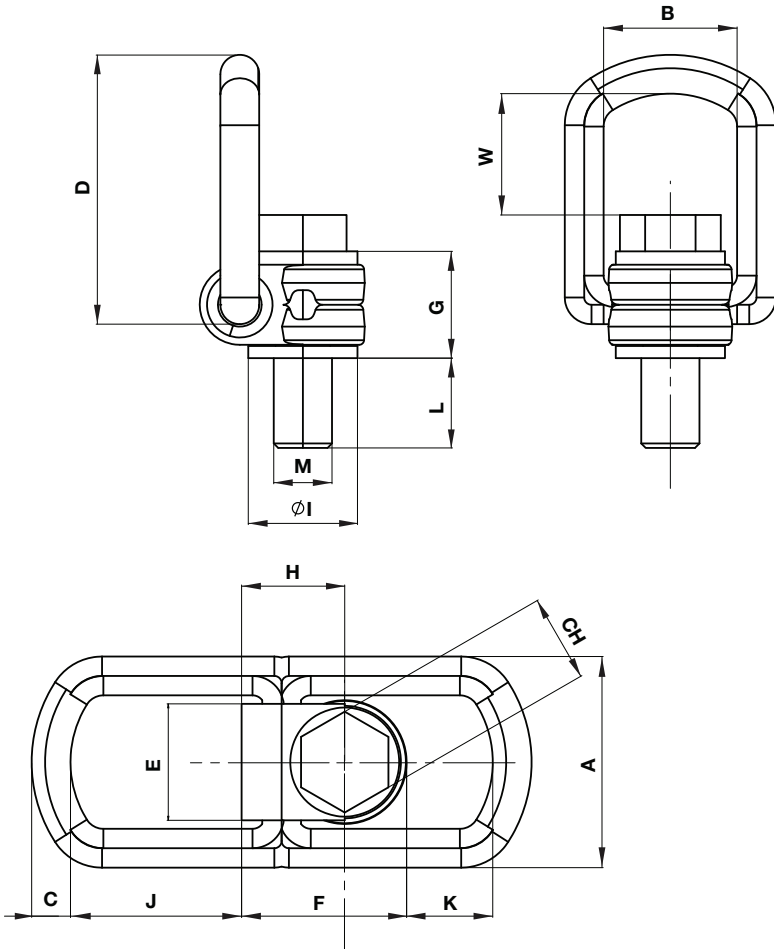
KEY - SCHLÜSSEL - CHIAVE

| | | |
|--|---------|------------|
| | Art. | Thread=M10 |
| | B03.10. | C10 |

| OMCR CODE | Size (mm) | OMCR CODE | Size (mm) |
|------------|-----------|------------|-----------|
| B03.10.C06 | M06 | B03.10.024 | M24 |
| B03.10.C08 | M08 | B03.10.030 | M30 |
| B03.10.C10 | M10 | B03.10.036 | M36 |
| B03.10.C12 | M12 | B03.10.042 | M42 |
| B03.10.C16 | M16 | B03.10.048 | M48 |
| B03.10.C20 | M20 | | |



ROTATING EYEBOLT WITH CLAMP - LASTBOCK - GOLFARE GIREVOLE CON STAFFA



Notes

PULL AT 90° with minimum overall dimensions.

Available on demand **-40°C**.

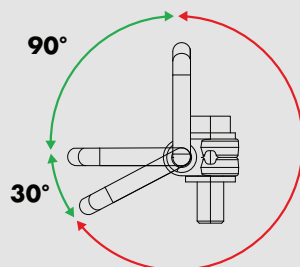


FORESEEN USE
Anchorage point for load lifting.

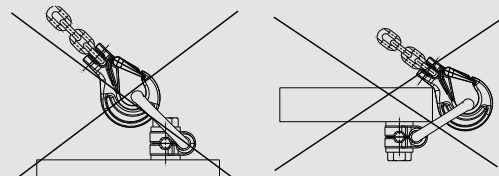
- Safety coefficient 4 in all loading directions
- Designed, tested and certified in compliance with the technical directives GS-OA 15-04 – EN 1677
- Suitable for safe lifting in compliance with the machinery directive 2006/42/EC
- Can be oriented at 360°
- Tested at 100 % magnaflux
- Tested at 20.000 stress cycles
- The screw is protected with the GEOMET system which guarantees lasting protection in time
- Ideal for fastening at 90°
- Captive screws.

Accordingly with the requirements of "DGUV – German institution for security" please use the devise with the screw supplied, if replaced OMCR Srl disclaims any and all responsibility or liability.

Not suitable for continuous rotation during loading



NOT ALLOWED



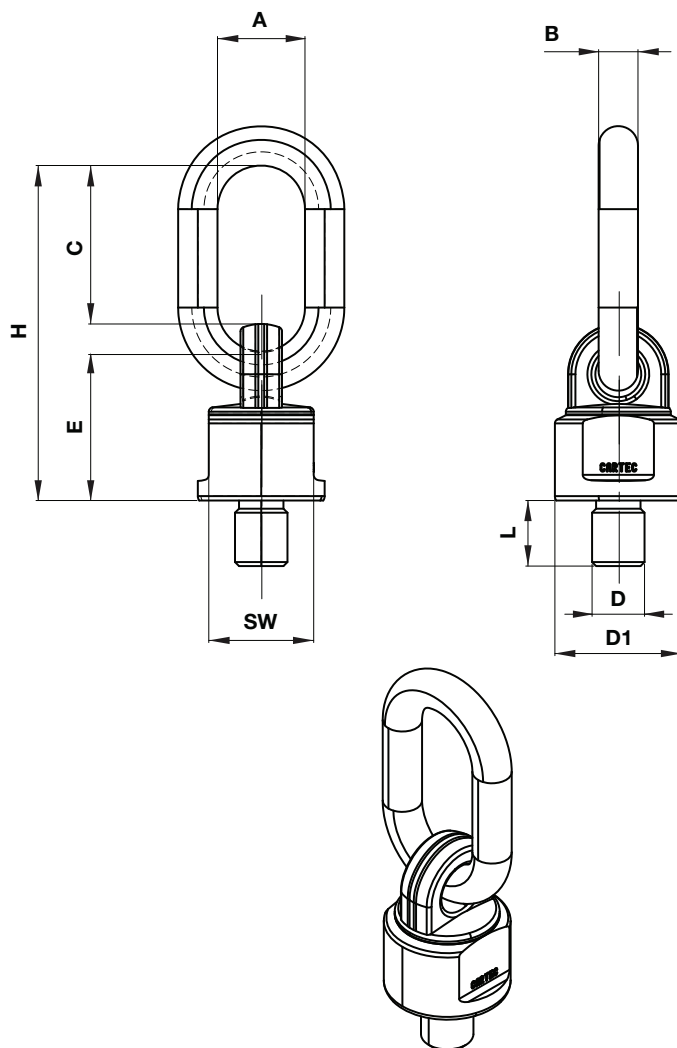
| | | |
|--|---------|------------|
| | Art. | Screw Dim. |
| | B03.15. | 010 |

| OMCR CODE | Size (mm) | W.L.L. (t) | A (mm) | B (mm) | C (mm) | D (mm) | E (mm) | F (mm) | G (mm) | H (mm) | I (mm) | L (mm) | W (mm) | J (mm) | K (mm) | Ch (mm) | Weight (Kg) |
|------------|-----------|------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|-------------|
| B03.15.008 | M8 | 0,3 | 57 | 34 | 10 | 78 | 24 | 41 | 30 | 26,5 | 25 | 15 | 43 | 51 | 35 | 13 | 0,275 |
| B03.15.010 | M10 | 0,63 | 57 | 34 | 10 | 78 | 24 | 41 | 30 | 26,5 | 25 | 15 | 42 | 51 | 35 | 17 | 0,290 |
| B03.15.012 | M12 | 1 | 66 | 38 | 13,5 | 85 | 30 | 50 | 36 | 33 | 32 | 23 | 40 | 52 | 28 | 19 | 0,500 |
| B03.15.016 | M16 | 1,5 | 66 | 38 | 13,5 | 85 | 30 | 50 | 36 | 33 | 32 | 24 | 38 | 52 | 28 | 24 | 0,510 |
| B03.15.020 | M20 | 2,5 | 87 | 55 | 16 | 111 | 48 | 68 | 44 | 42,5 | 45 | 31 | 54 | 71 | 36 | 30 | 1,250 |
| B03.15.024 | M24 | 4 | 87 | 55 | 16 | 111 | 48 | 68 | 44 | 42,5 | 45 | 37 | 51 | 71 | 36 | 36 | 1,300 |
| B03.15.030 | M30 | 5 | 109 | 66 | 22,5 | 145 | 54 | 91 | 65 | 58,5 | 60 | 45 | 62 | 86 | 47 | 46 | 3,250 |
| B03.15.036 | M36 | 8 | 136 | 78 | 28 | 190 | 62 | 108 | 81 | 72,5 | 70 | 59 | 88 | 115 | 74 | 55 | 5,900 |
| B03.15.042 | M42 | 10 | 136 | 78 | 28 | 190 | 62 | 108 | 75 | 72,5 | 70 | 75 | 86 | 115 | 70 | 65 | 6,500 |
| B03.15.142 | M42 | 15 | 169 | 97 | 36 | 242 | 68 | 131 | 89 | 87,5 | 85 | 63 | 121 | 151 | 97 | 65 | 11,200 |
| B03.15.048 | M48 | 20 | 169 | 97 | 36 | 242 | 68 | 131 | 89 | 87,5 | 95 | 71 | 117 | 151 | 93 | 75 | 11,600 |

WORKING LOAD LIMIT W.L.L. (t)

| OMCR CODE | Size (mm) | | | | | | | | | | | Max tightening couple (Nm) |
|------------|-----------|------------|--------|------------|--------|--------|--------|-------|----------|---------|-------|----------------------------|
| | | 0° | 0° | 90° | 90° | 0-45° | 45-60° | Asymm | 0°-45° | 45°-60° | Asymm | |
| | | Single leg | 2 legs | Single leg | 2 legs | 2 legs | | | 3/4 legs | | | |
| B03.15.008 | M8 | 0,3 | 0,6 | 0,3 | 0,6 | 0,42 | 0,3 | 0,3 | 0,63 | 0,45 | 0,3 | 30 |
| B03.15.010 | M10 | 0,63 | 1,26 | 0,63 | 1,26 | 0,88 | 0,63 | 0,63 | 1,32 | 0,95 | 0,63 | 60 |
| B03.15.012 | M12 | 1 | 2 | 1 | 2 | 1,4 | 1 | 1 | 2,1 | 1,5 | 1 | 100 |
| B03.15.016 | M16 | 1,5 | 3 | 1,5 | 3 | 2,1 | 1,5 | 1,5 | 3,15 | 2,25 | 1,5 | 150 |
| B03.15.020 | M20 | 2,5 | 5 | 2,5 | 5 | 3,5 | 2,5 | 2,5 | 5,25 | 3,75 | 2,5 | 250 |
| B03.15.024 | M24 | 4 | 8 | 4 | 8 | 5,6 | 4 | 4 | 8,4 | 6 | 4 | 400 |
| B03.15.030 | M30 | 5 | 10 | 5 | 10 | 7 | 5 | 5 | 10,5 | 7,5 | 5 | 500 |
| B03.15.036 | M36 | 8 | 16 | 8 | 16 | 11,2 | 8 | 8 | 16,8 | 12 | 8 | 800 |
| B03.15.042 | M42 | 10 | 20 | 10 | 20 | 14 | 10 | 10 | 21 | 15 | 10 | 925 |
| B03.15.142 | M42 | 15 | 30 | 15 | 30 | 21 | 15 | 15 | 31,5 | 22,5 | 15 | 1500 |
| B03.15.048 | M48 | 20 | 40 | 20 | 40 | 28 | 20 | 20 | 42 | 30 | 20 | 2000 |

ROTATING EYEBOLT H.T. - RINGSCHRAUBE H.T. - GOLFARE GIREVOLE H.T.



Notes

Can be oriented at **360°**.

Available on demand **-40°C**.

**CAN BE ORIENTED DURING
LOADING**



FORESEEN USE

Turning eyebolt needed to lift loads to assemble to the load itself with specific threaded hole generally used to turn or tilt heavy loads.

- Safety coefficient 4 in all loading directions
- Designed, tested and certified in compliance with the technical directives GS-OA 15-04 – EN 1677
- Suitable for safe lifting in compliance with the machinery directive 2006/42/EC
- Tested at 100 % magnaflux
- Tested at 20.000 stress cycles
- Can be oriented at 360° with self aligning tilting ring at 180°
- Assembled with spheres to make load orientation easier
- On the axial pull there can be variation of +/-5° with a 10% decrease in capacity

Accordingly with the requirements of "DGUV – German institution for security" please use the device with the screw supplied, if replaced OMCR Srl disclaims any and all responsibility or liability.

**Movement suitable for
continuous rotation during loading**



| | |
|----------------|-------------------|
| Art. | Screw Dim. |
| B03.20. | 010 |

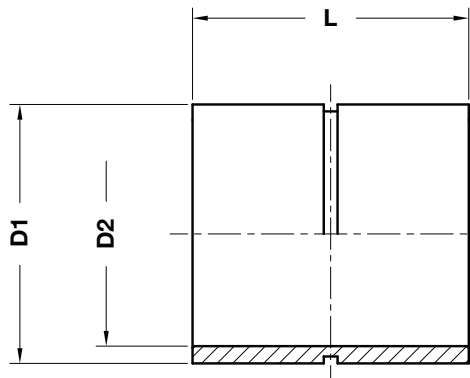
| OMCR CODE | Size (mm) | W.L.L. (t) | A (mm) | B (mm) | C (mm) | E (mm) | H (mm) | SW (mm) | D1 (mm) | Weight (Kg) |
|------------|-----------|------------|--------|--------|--------|--------|--------|---------|---------|-------------|
| B03.20.008 | M8x16 | 0,3 | 30 | 13 | 46 | 50 | 105 | 30 | 38 | 0,48 |
| B03.20.010 | M10x18 | 0,5 | 30 | 13 | 46 | 50 | 105 | 30 | 38 | 0,48 |
| B03.20.012 | M12x18 | 0,7 | 30 | 13 | 46 | 50 | 105 | 30 | 38 | 0,5 |
| B03.20.016 | M16x20 | 1,4 | 30 | 13 | 46 | 50 | 105 | 30 | 38 | 0,53 |
| B03.20.020 | M20x30 | 2,5 | 34 | 16 | 57 | 61 | 131 | 40 | 50 | 1,05 |
| B03.20.024 | M24x30 | 4 | 40 | 18 | 70 | 68 | 153 | 48 | 58 | 1,63 |
| B03.20.030 | M30x35 | 6,7 | 45 | 22 | 65 | 71 | 156 | 70 | 80 | 2,85 |
| B03.20.036 | M36x54 | 10 | 50 | 23 | 91 | 86 | 200 | 80 | 90 | 4,62 |
| B03.20.042 | M42x63 | 12,5 | 50 | 23 | 91 | 86 | 200 | 80 | 90 | 5,2 |
| B03.20.045 | M45x60 | 12,5 | 50 | 23 | 91 | 86 | 200 | 80 | 90 | 5,2 |
| B03.20.048 | M48x60 | 17 | 70 | 32 | 120 | 112 | 262 | 100 | 120 | 10,9 |
| B03.20.056 | M56x78 | 18 | 70 | 32 | 120 | 112 | 262 | 100 | 120 | 10,9 |
| B03.20.064 | M64x96 | 20 (25) | 70 | 32 | 120 | 112 | 262 | 100 | 120 | 10,9 |
| B03.20.090 | M90x135 | 40 | 90 | 45 | 124 | 165 | 333 | 140 | 170 | 29 |

WORKING LOAD LIMIT W.L.L. (t)

| OMCR CODE | Size (mm) | | | | | | | | | | | | Max tightening couple (Nm) |
|------------|---------------|---------------|-----------|----------------|------------|--------------|------|---------------|------|-----------------|------|------------------|----------------------------|
| | | 0° Single leg | 0° 2 legs | 90° Single leg | 90° 2 legs | 0-45° 2 legs | | 45-60° 2 legs | | 0°-45° 3/4 legs | | 45°-60° 3/4 legs | |
| B03.20.008 | 0,3 t-M8x16 | 0,6 | 1,2 | 0,3 | 0,6 | 0,42 | 0,3 | 0,3 | 0,63 | 0,45 | 0,3 | 16 | |
| B03.20.010 | 0,5 t-M10x18 | 1 | 2 | 0,5 | 1 | 0,75 | 0,5 | 0,5 | 1 | 0,75 | 0,5 | 16 | |
| B03.20.012 | 0,7 t-M12x18 | 1,4 | 2,4 | 0,7 | 1,4 | 1 | 0,7 | 0,7 | 1,4 | 1 | 0,7 | 28 | |
| B03.20.016 | 1,4 t-M16x20 | 2,8 | 5,6 | 1,4 | 2,8 | 2 | 1,4 | 1,4 | 3 | 2,1 | 1,4 | 70 | |
| B03.20.020 | 2,5 t-M20x30 | 5 | 10 | 2,5 | 5 | 3,5 | 2,5 | 2,5 | 5,3 | 3,7 | 2,5 | 135 | |
| B03.20.024 | 4 t-M24x30 | 8 | 16 | 4 | 8 | 5,6 | 4 | 4 | 8,4 | 6 | 4 | 230 | |
| B03.20.030 | 6,7 t-M30x35 | 12 | 24 | 6,7 | 13,4 | 9,4 | 6,7 | 6,7 | 14 | 10 | 6,7 | 465 | |
| B03.20.036 | 10 t-M36x54 | 15 | 30 | 10 | 20 | 14 | 10 | 10 | 21,2 | 15 | 10 | 814 | |
| B03.20.042 | 12,5 t-M42x63 | 15 | 30 | 12,5 | 25 | 17,5 | 12,5 | 12,5 | 26,2 | 18,7 | 12,5 | 1304 | |
| B03.20.045 | 16 t-M45x60 | 25 | 50 | 17 | 34 | 23,5 | 17 | 17 | 31,5 | 22,4 | 15 | 1670 | |
| B03.20.048 | 17 t-M48x60 | 25 | 50 | 18 | 36 | 25,2 | 18 | 18 | 35,7 | 25,5 | 17 | 1981 | |
| B03.20.056 | 18 t-M56x78 | 25 | 50 | 18 | 36 | 25,2 | 18 | 18 | 37 | 27 | 18 | 3000 | |
| B03.20.064 | 20 t-M64x96 | 25 | 50 | 20 | 40 | 28 | 20 | 20 | 42,5 | 30 | 20 | 4738 | |
| B03.20.090 | 40 t-M90x135 | 50 | 100 | 40 | 80 | 56 | 40 | 40 | 85 | 60 | 40 | 14000 | |

Lifting Elements

BUSH FOR LIFTING PIN VDI-BAK
BUCHSE FÜR TRAGBOLZEN VDI-BAK
BOCCOLA PER PERNO DI SOLLEVAMENTO VDI-BAK



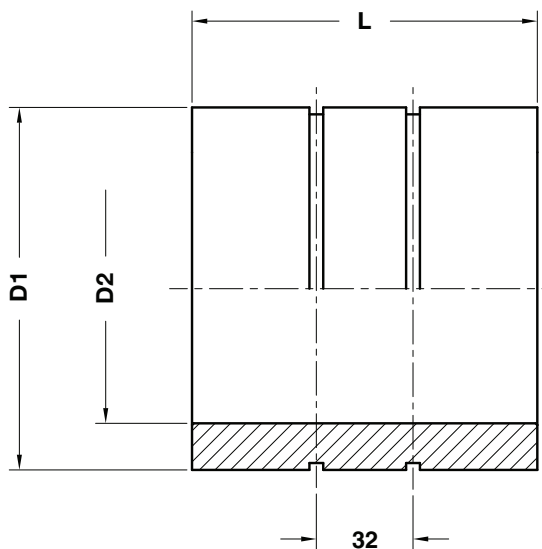
FORM A



STOCK

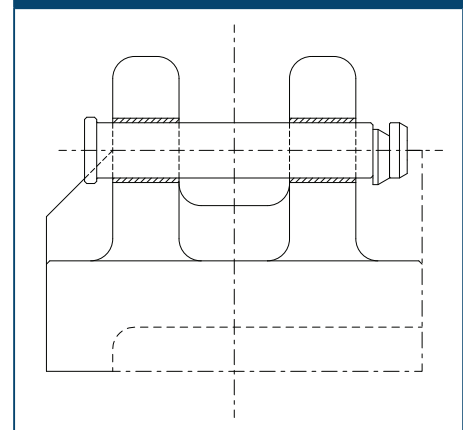


WEB



FORM B

Application Example



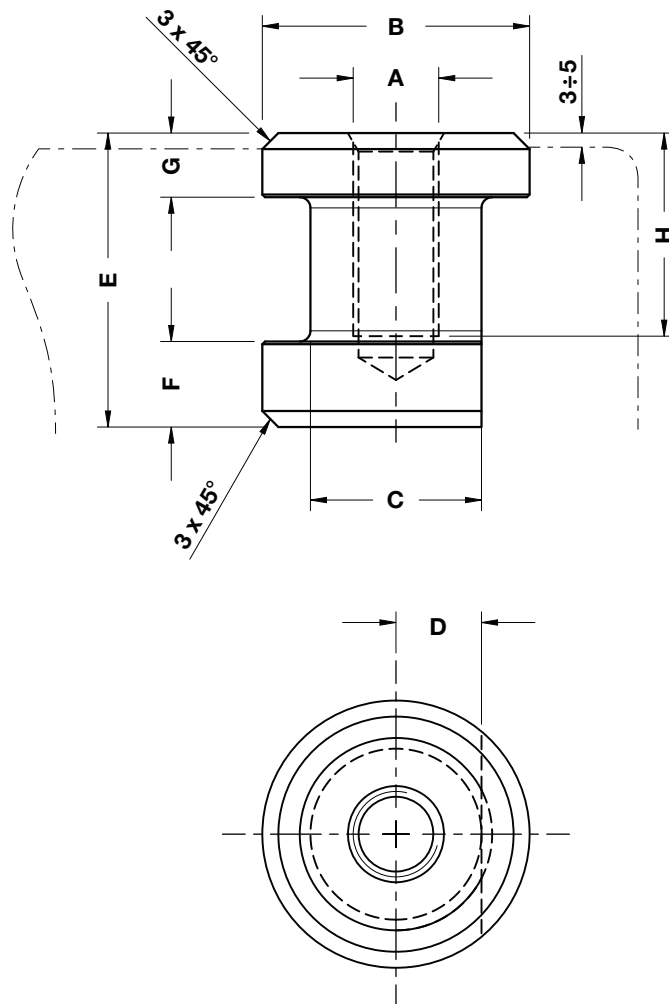
Notes

Material: St35

| Art. | D1 | D2 | L |
|------------|-----|----|-----|
| B08.11.044 | 044 | 34 | 040 |

| OMCR CODE | D1 | D2 | L | FORM |
|-----------------|-----|----|-----|------|
| B08.11.04434040 | 44 | 34 | 40 | A |
| B08.11.05242050 | 52 | 42 | 50 | A |
| B08.11.06252060 | 62 | 52 | 60 | A |
| B08.11.07565080 | 75 | 65 | 80 | A |
| B08.11.10078100 | 100 | 78 | 100 | B |
| B08.11.10578100 | 105 | 78 | 100 | B |

THREADED STEEL INSERT GEWINDEINSATZ AUS STAHL INSERTO FILETTATO IN ACCIAIO



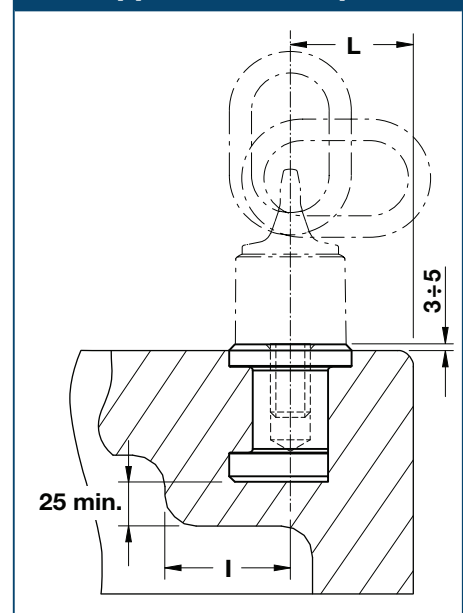
Inserts are to be used in cast iron die only (do not use in cast steel).



STOCK



Application Example



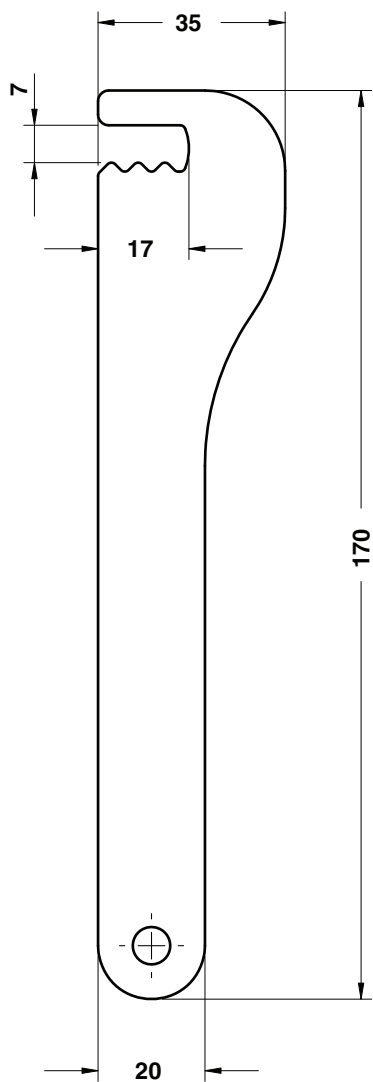
Notes

Material: 42CrMo4 + QT

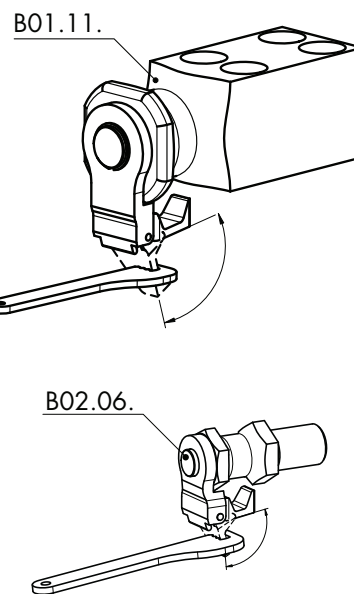
| ORDER EXAMPLE | Art. | A |
|---------------|---------|-----|
| | B08.20. | M20 |

| OMCR CODE | Max load 1 point (kg) | Max load 2=4 point (kg) | A | B | C | D | E | F | G | H | I | L |
|------------|-----------------------|-------------------------|-----|-----|----|----|-----|----|----|-----|-----|-----|
| B08.20.M16 | 1000 | 2000 | M16 | 50 | 32 | 16 | 55 | 16 | 12 | 42 | 60 | 60 |
| B08.20.M20 | 2100 | 4200 | M20 | 65 | 36 | 18 | 65 | 16 | 12 | 47 | 70 | 70 |
| B08.20.M24 | 3000 | 6000 | M24 | 65 | 40 | 20 | 75 | 16 | 12 | 57 | 80 | 80 |
| B08.20.M30 | 5000 | 10000 | M30 | 85 | 60 | 30 | 90 | 20 | 20 | 67 | 100 | 100 |
| B08.20.M36 | 6500 | 13000 | M36 | 107 | 80 | 40 | 100 | 22 | 22 | 77 | 110 | 110 |
| B08.20.M42 | 7200 | 14400 | M42 | 107 | 80 | 40 | 130 | 25 | 25 | 95 | 120 | 120 |
| B08.20.M48 | 8000 | 16000 | M48 | 107 | 80 | 40 | 150 | 30 | 30 | 110 | 130 | 130 |

**ROPE SAFETY STOP OPENING KEY
 SCHLÜSSEL FÜR SEILSICHERUNG
 CHIAVE PER APERTURA SICUREZZA FERMAFUNNE**



Application Example



Notes

Material: CK45
 To use for B01.11. - B02.06.

| | |
|--|------------------|
| | Art. |
| | B09.10.01 |

OMCR CODE

B09.10.01