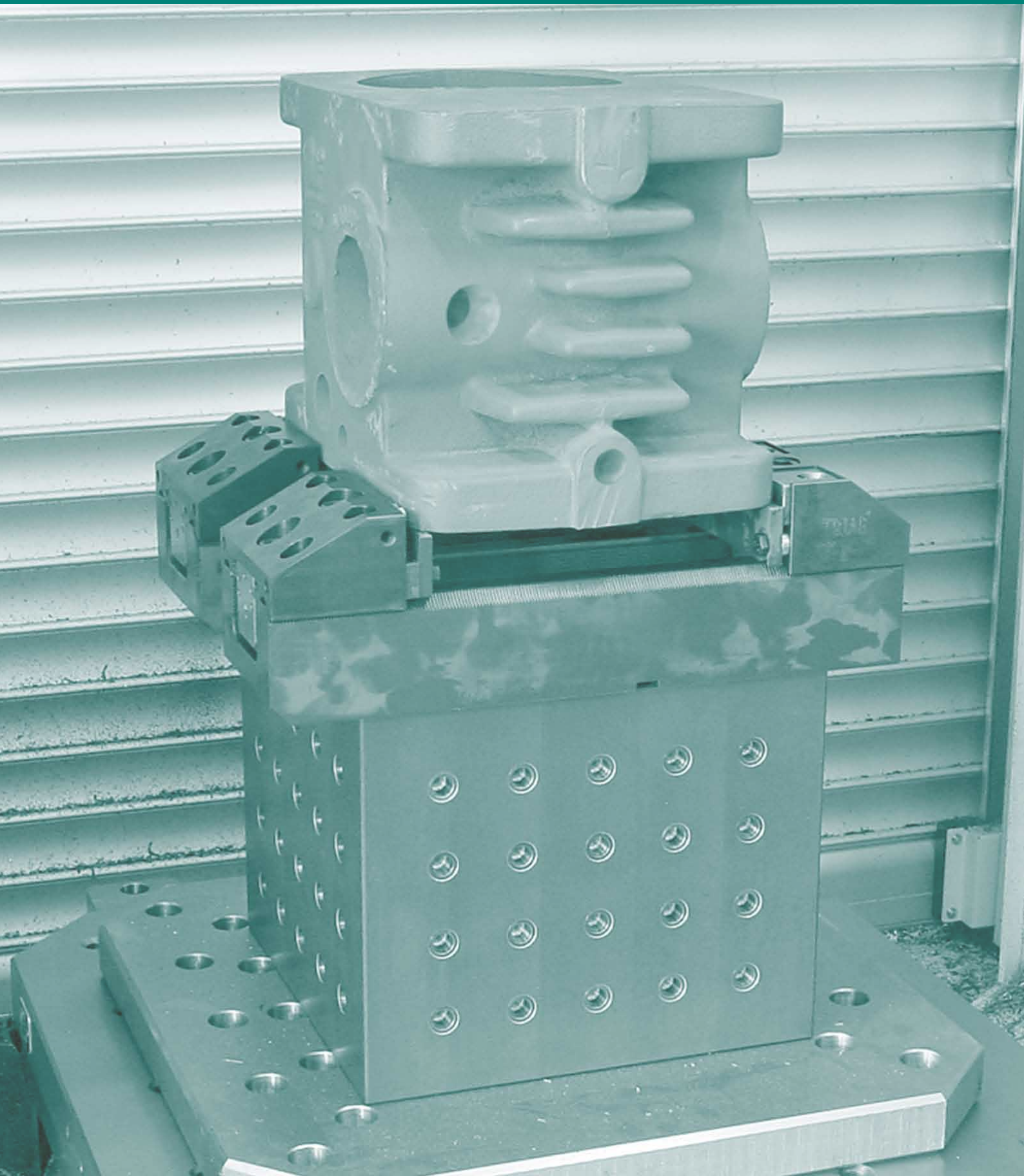
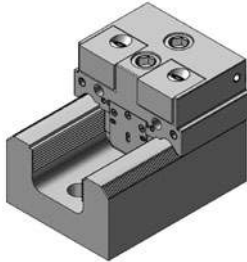
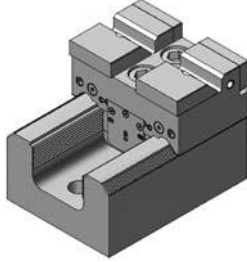
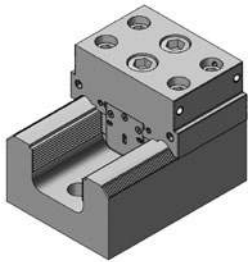
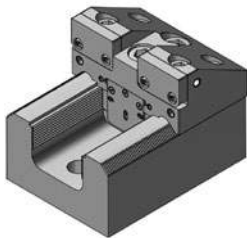
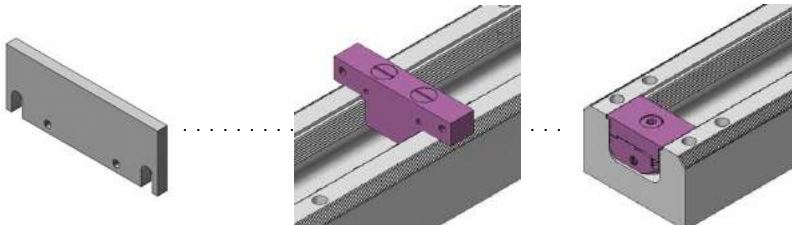




apto**CLAMP** & ***5axes***





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Die hohe Spannkraft dieses Systems ermöglicht den Einsatz für schwere Zerspanung.
 Mit stabilen Kraftspannern können auf den Basisschienen auch grosse, bis zu mehrere tausend Kilogramm schwere Platten und Blöcke gespannt werden.

The high clamping force of the Apto Clamp enables heavy cuts. You achieve maximum rigidity with our Apto Clamp modular system! Even if your workpiece is thousands of kilograms you don't have to worry to clamp big parts and big plates.

Elefantenstark und anwenderfreundlich Powerful and user-friendly



Zur Positionierung der Spannmodule hat das Apto Clamp neben einer Querverzahnung zusätzlich ein Ankersystem zur Arretierung an einer Längsverzahnung in der Basischiene. Durch die rechtwinklige Verkeilung wird eine von Mitbewerbern unerreichte Stabilität gewährleistet. Die Spannmodule liegen auf der genau geschliffenen Auflagefläche der Basis auf. Durch das Ankersystem und die geschliffene Auflagefläche wird das Spannmodul an der Basischiene extrem kraftschlüssig und präzise fixiert. Trotzdem können die Spannmodule völlig ungehindert entlang der Basis verstellt (verschoben) werden. Auch das Auswechseln der Module ist einfach, müssen doch diese nicht aus der Schiene ausgefahren, sondern können abgehoben werden.

For positioning the clamp modules on the base rails, has the Apto Clamp system next to a positioning serration a horizontal anchor system for locking with enornes force produced by two M16 screws. The end modules have additionally 4 M12 screws to give extra rigidity.



Darum haben wir dieses Symbol gewählt:
 That's why we have chosen this symbol:



Schnelligkeit / Quickness



Zwei Schraube lösen
Loosen two screws



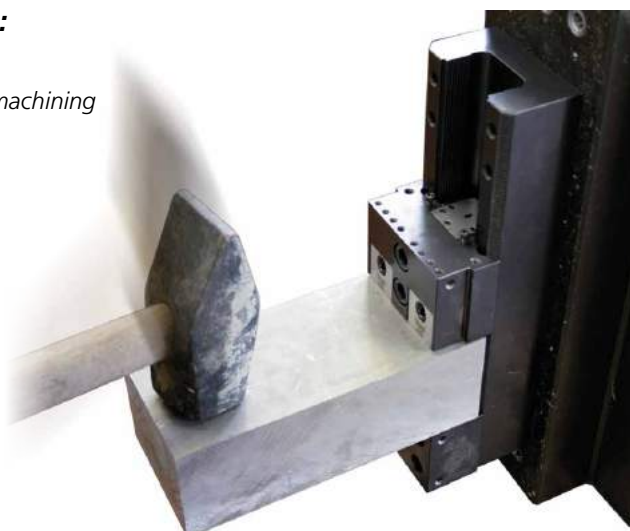
Abheben und neu platzieren
Lift and change position



Zwei Schrauben anziehen
Fasten two screws

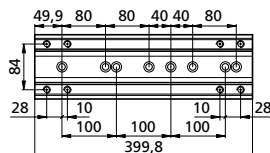
Vorteile auf einen Blick / Benefits at a glance:

- ➡ Sehr stabil, robuste Bauweise, dadurch hohe Präzision
Very stable, robust design allows high precision and heavy machining
- ➡ Module nach oben abhebbar, kein Ausfahren nötig
Modules can be lifted up, no extension needed
- ➡ Keine verschmutzbaren T-Nuten: Formschlüssig positioniert
No chip loading T-slots grooves: Positively positioned
- ➡ Verzahnung nicht dem Werkstück ausgesetzt
The teeth are not exposed to the workpiece
- ➡ Niederzug- und Linearspannung möglich
Pull-down and linear clamping possible
- ➡ Spannkraft bis 7000 daN pro Modul
Clamping force up to 7000 daN per module

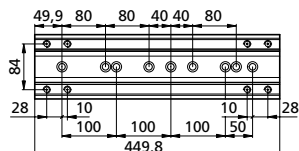




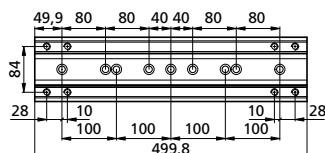
400 mm



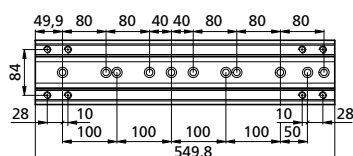
450 mm



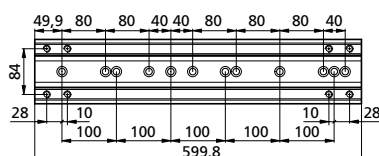
500 mm



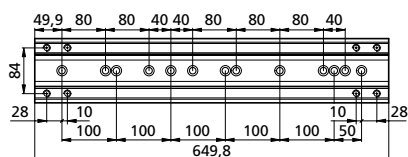
550 mm



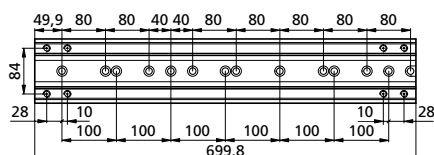
600 mm



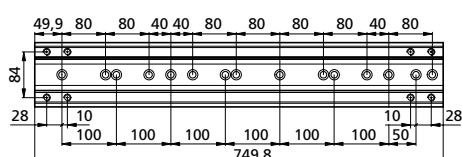
650 mm



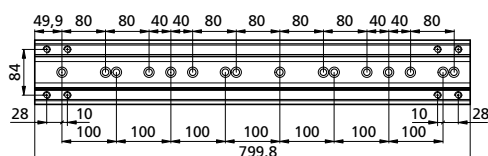
700 mm



750 mm



800 mm



Basisschiene / Base rail

Beim Apto Clamp ermöglicht eine Verzahnung mit 2 mm-Teilung auf der Basisschiene ein schnelles und genaues Positionieren der Spann- und Anschlagmodule.

With the new Apto Clamp a serration of 2mm pitch on the base rail allows a rapid and accurate positioning of the modules.

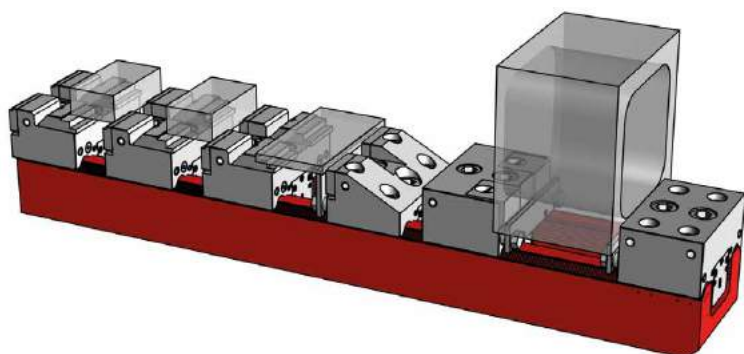
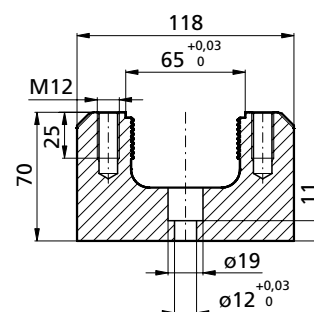
Durch gezielte elastische Deformation einer Lippe erfolgt eine spielfreie Paarung. Spann- und Bearbeitungskräfte werden einerseits an der ebenen, robusten Oberseite der Basisschiene aufgenommen, während andererseits das Spannmodul durch einen spreizenden Keil mit robustem Rundgewindeprofil in der Schiene verankert wird.

The outstanding development is that through elastic deformation of a lip, the engagement between the modules and the base rail is without play. Clamping and machining forces are absorbed on the upper surface of the base rail whereas the vice module is fixed to the rail by an expandable anchor which engages the round serration inside the base rail.

Das Einfügen zusätzlicher Module zwischen bestehenden Spannstellen ist problemlos möglich. Apto Clamp ist die konsequente Weiterentwicklung vom Power Clamp zur Bearbeitung noch grösserer Werkstücke.

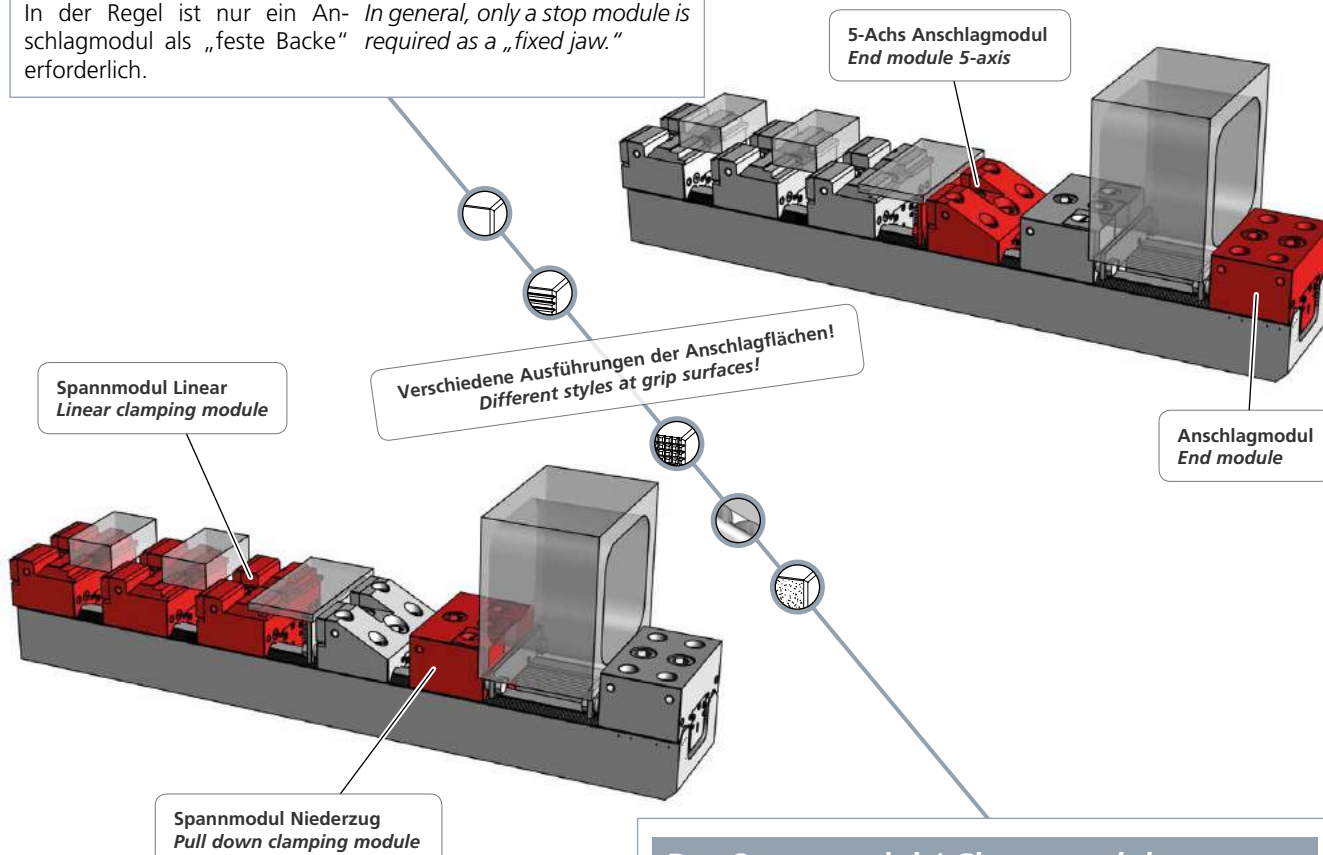
The insertion of additional vice modules can be accomplished without problems. Apto Clamp is the logical development of Power Clamp to handle even larger work pieces.

Schnittzeichnung Sectional view of der Basisschiene the base rail



Das Anschlagmodul / End modules

In der Regel ist nur ein Anschlagmodul als „feste Backe“ erforderlich.
In general, only a stop module is required as a „fixed jaw.“

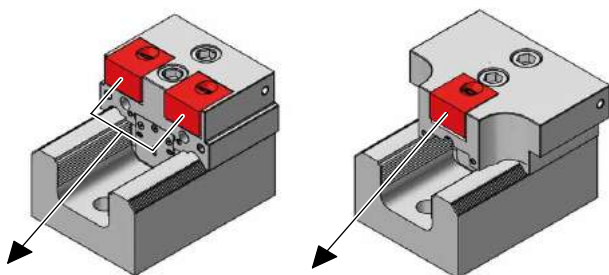


Das Spannmodul / Clamp modules

Die «beweglichen Backen» gibt es in zwei Ausführungen. Zum einen für das Niederzugspannsystem und zum anderen für das Linearspannsystem. Dabei dient das Spannmodul bei den Systemen wiederum als Anschlagmodul für die nächste Aufspannung.
Clampe modules have movable jaws (linear or pull down) in the front to clamp the part and on the back there is the datum face for the next work piece stop. Positioning step on the base rail is 2mm every.



Niederzugspannmodule
Pull down clamp modules



Die Fakten beim Niederzugspannsystem

Verstellbereich: 0- 3,8 mm
 Spannkraft: Bis 7'000 daN

Vorteile beim Niederzugspannsystem:

- Höhere Haltekräfte
- Hohe Wiederholgenauigkeit
- Optimale Spannmethode für Kleinteile
- Mit Schnellwechselbacken
- Doppelspannsystem in einer Backe zum Spannen und Bearbeiten von zwei Kleinteilen

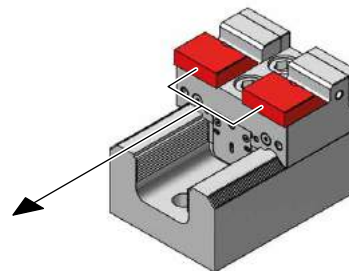
Facts for pull down clamp modules

Jaw range: 0- 3,8 mm
 Clamping force: up to 7'000 daN

Advantages pull down jaws:

- Higher holding force
- With linear adaptable jaws
- Also with pull down jaws for the stop side available
- With adapter set can be changed to linear
- Also pull down jaws for datum face

Linearspannmodule
Linear clamp modules



Die Fakten beim Linearspannsystem

Verstellbereich: 0- 5,0 mm
 Spannkraft: Bis 3'200 daN

Vorteile beim Linearspannsystem:

- Spannstockähnliches Spannen
- Prozesssichere Positionierung der zweiten Aufspannung
- Gut geeignet für die Erstellung von individuellen Formbacken
- Sicherer Halt mit Prägetechnik

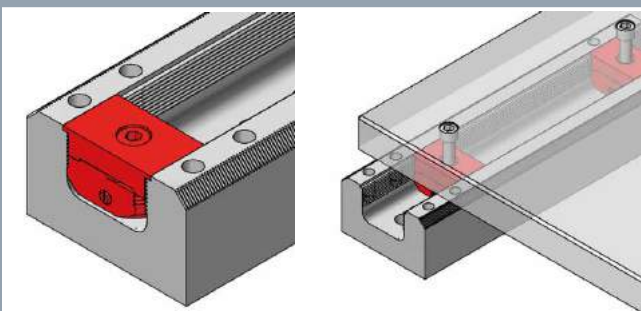
Facts for linear clamp modules

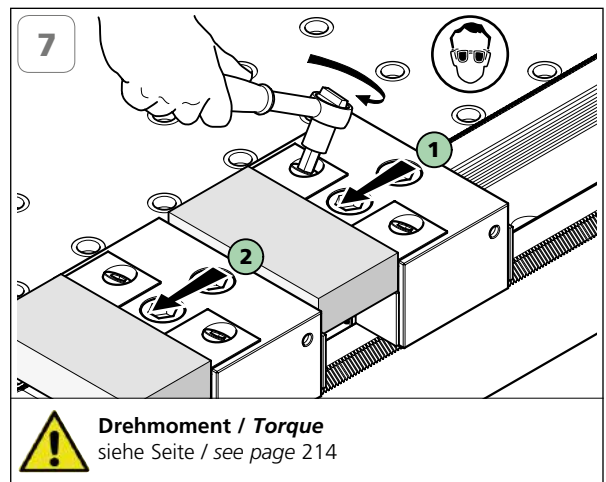
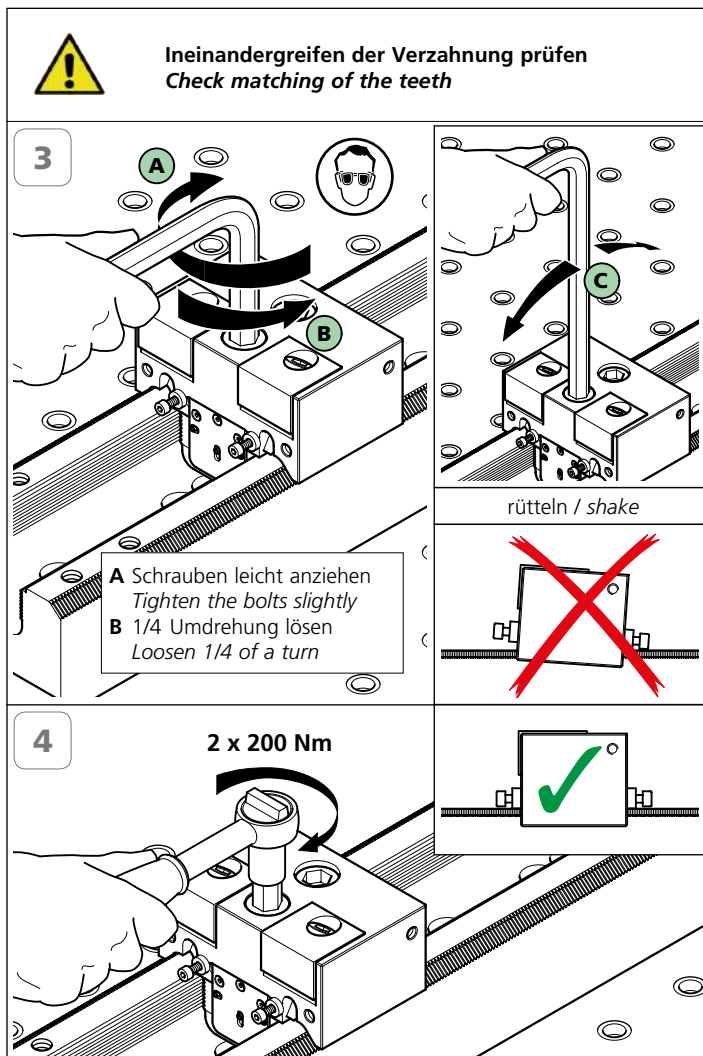
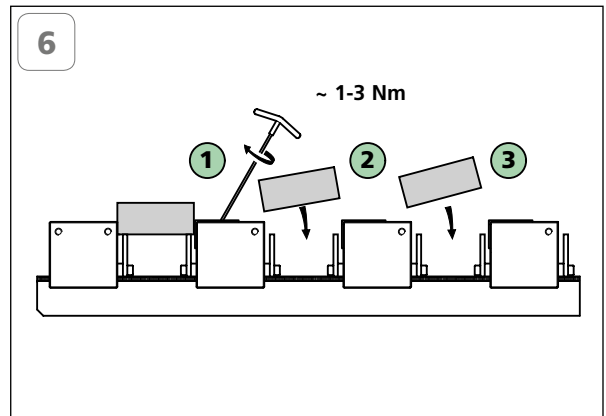
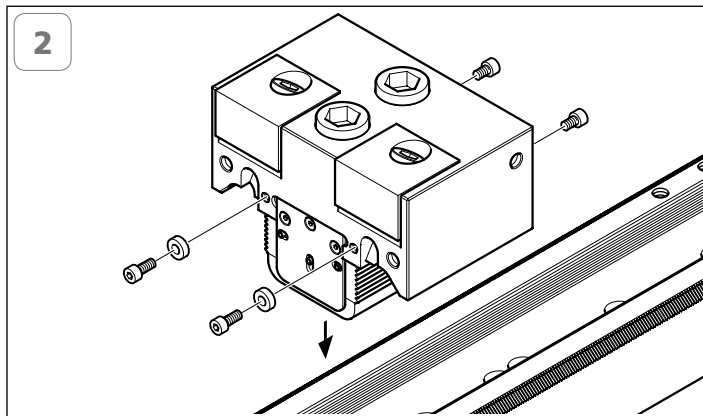
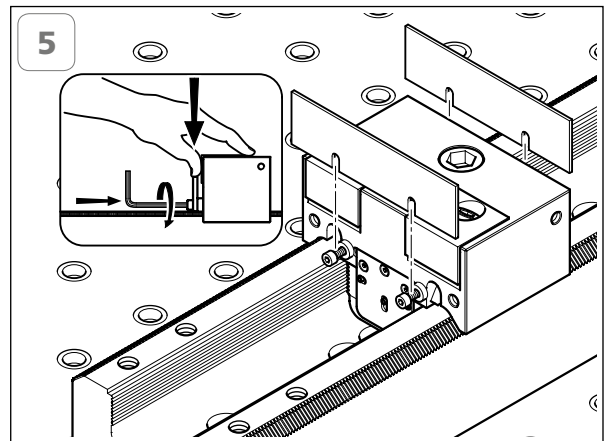
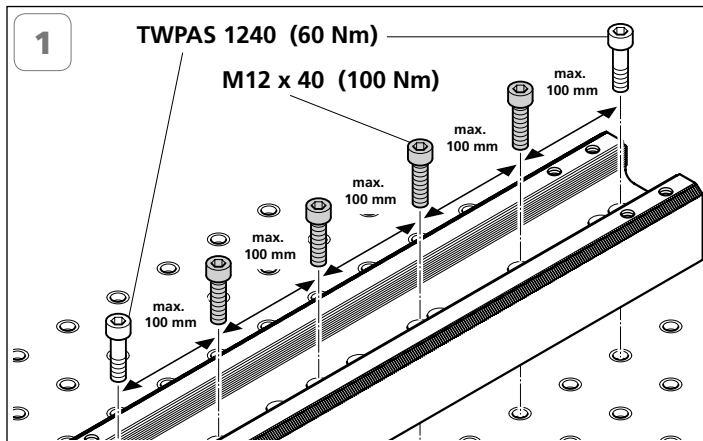
Jaw range: 0- 5,0 mm
 Clamping force: up to 3'200 daN

Advantages linear jaws:

- Similar clamp as conventional vise
- Good for shaped jaws
- Secure clamped with direct stamping jaws
- Higher accuracy

Universalnutenstein
Universal nut





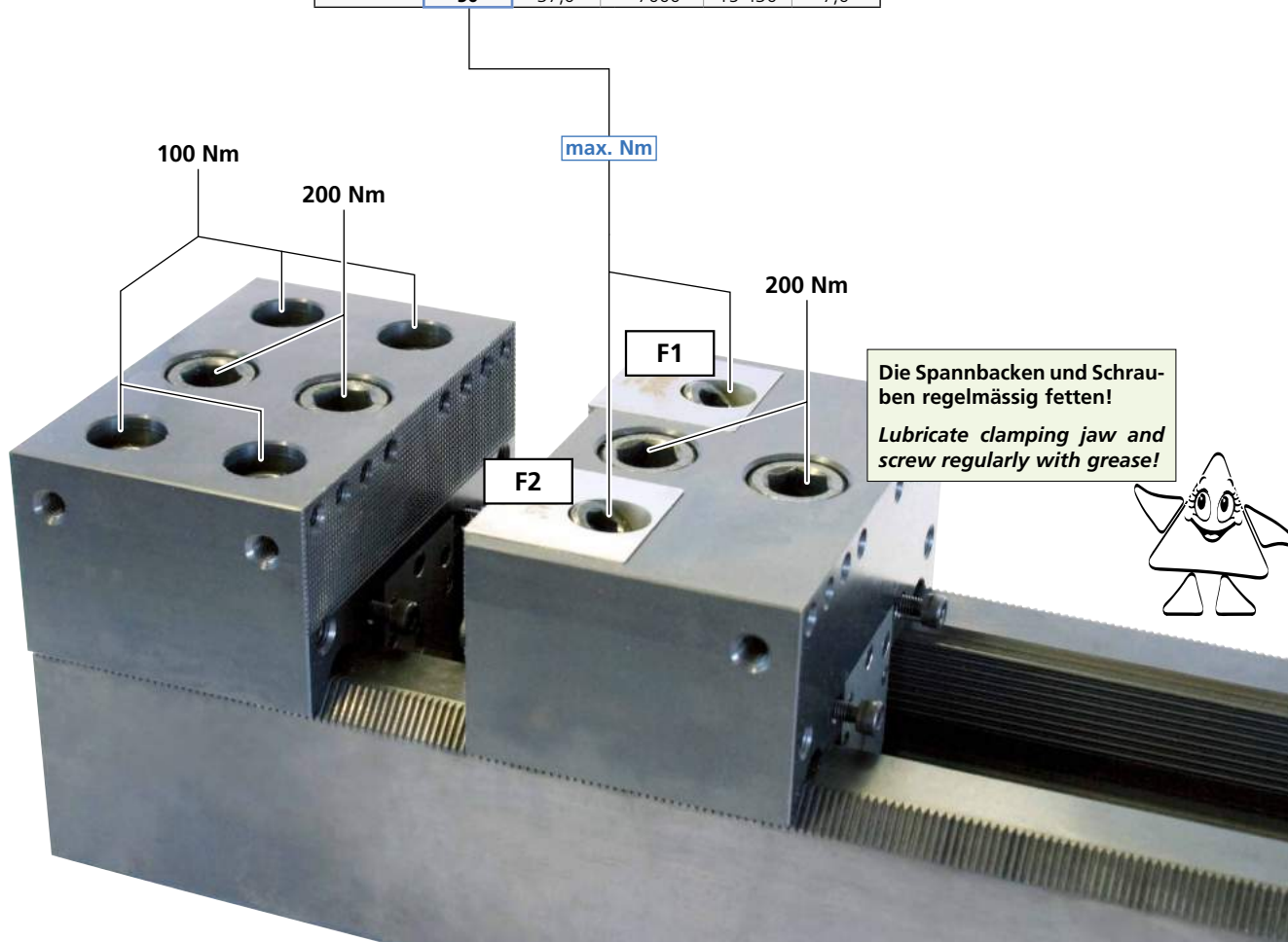


ACHTUNG / CAUTION

WICHTIG: Die angegebenen Drehmomente sind die absoluten Maximalwerte. Über die Spannkraften gibt die untenstehende Tabelle Auskunft.

IMPORTANT: The torque numbers specified represent the absolute maximum. The table at the bottom of this page provides further information on the workholding forces.

Schraube Screw	Drehmoment Torque		Spannkraft (F1 & F2) Workholding force (F1 & F2)		
	Nm	(lb-ft)	~daN	~(lb)	~t
M10	10	7,4	= 1200	2'650	1,2
	20	14,8	= 2700	5'950	2,7
	30	22,2	= 4100	9'040	4,1
	40	29,5	= 5600	12'350	5,6
	50	37,0	= 7000	15'430	7,0

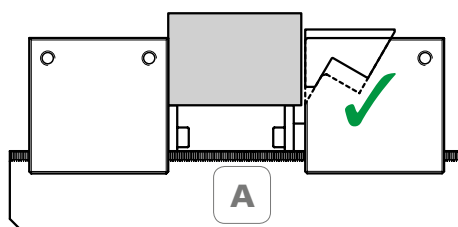
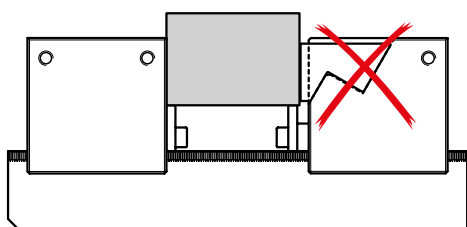


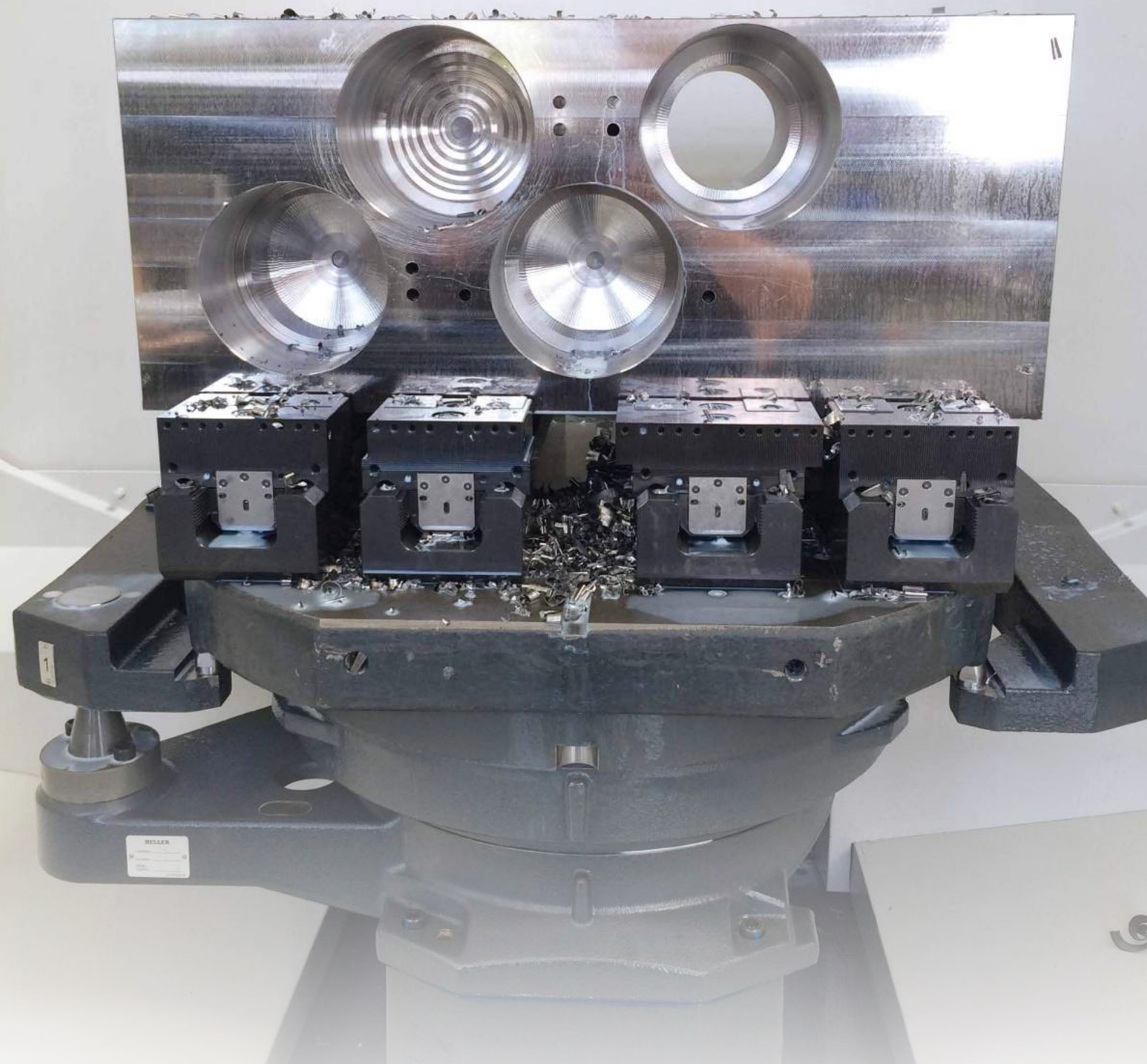
WICHTIG:

Vor dem Positionieren der Spannmodule für ein neues Werkstück ist die Spannbacke ganz zurück zu stellen, dies gewährleistet eine sichere Spannung (siehe Bild A)!

IMPORTANT:

Prior to setting up a new clamping module the clamping jaw of the vice module must be retracted all the way (see picture A)! This guarantees proper clamping of the new workpiece.

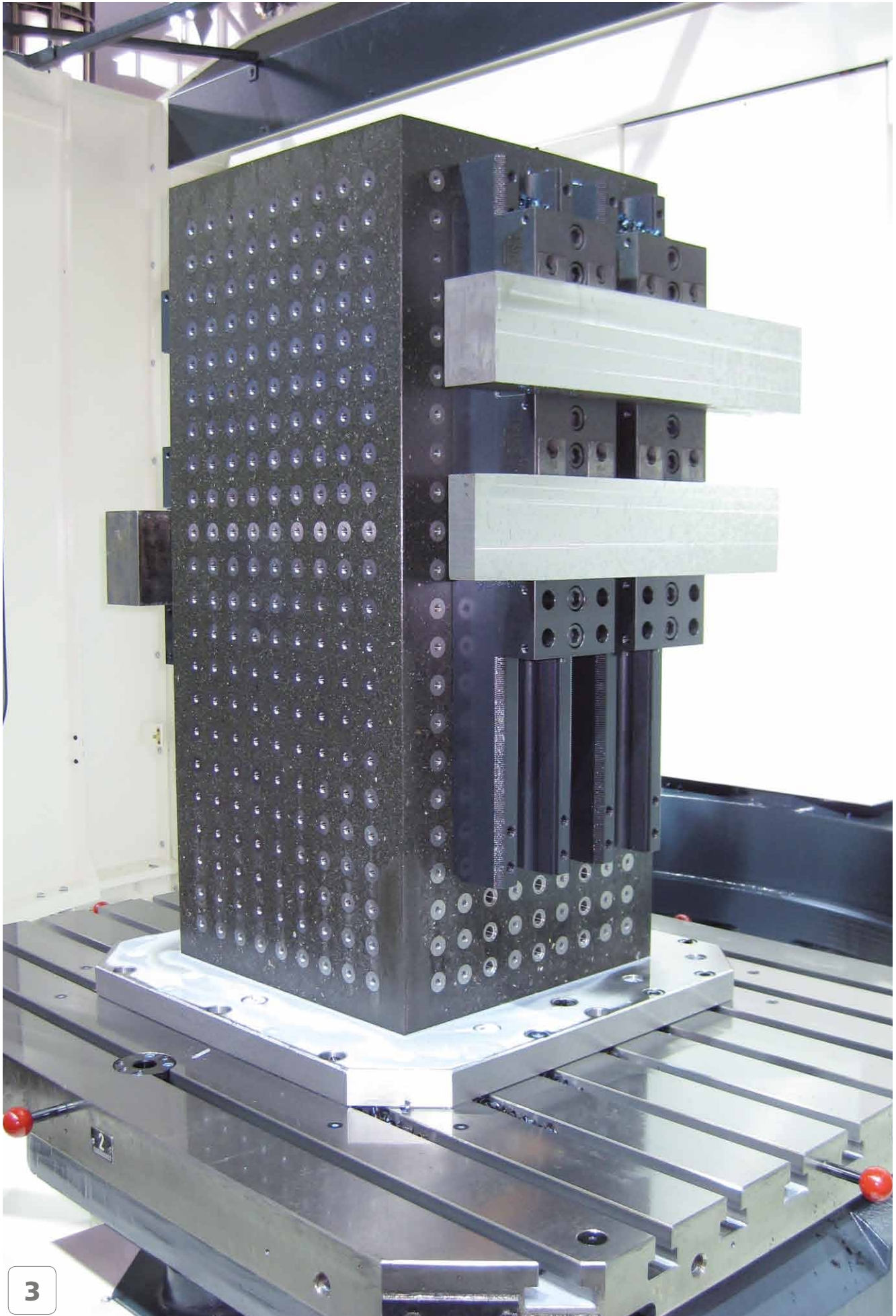


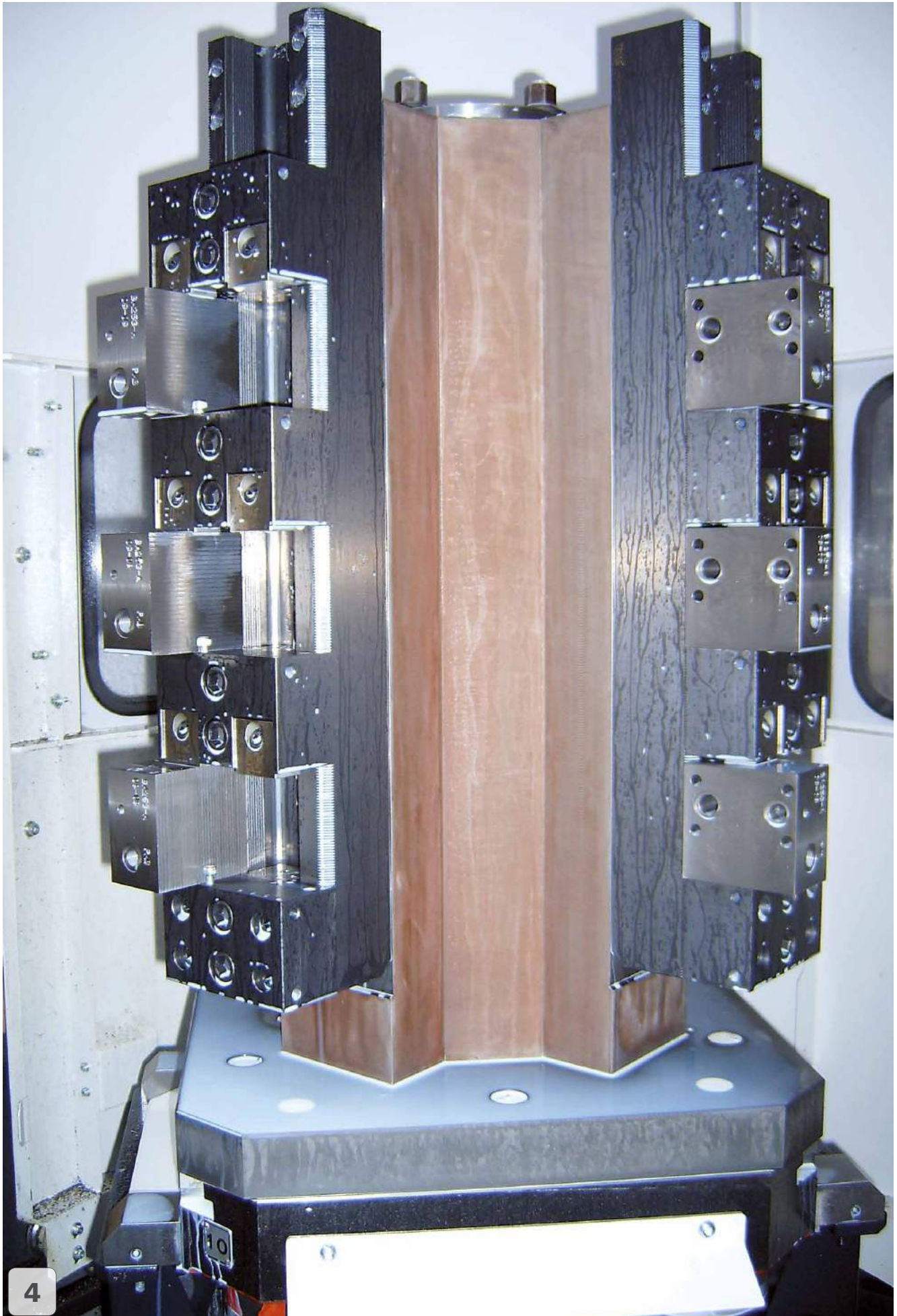


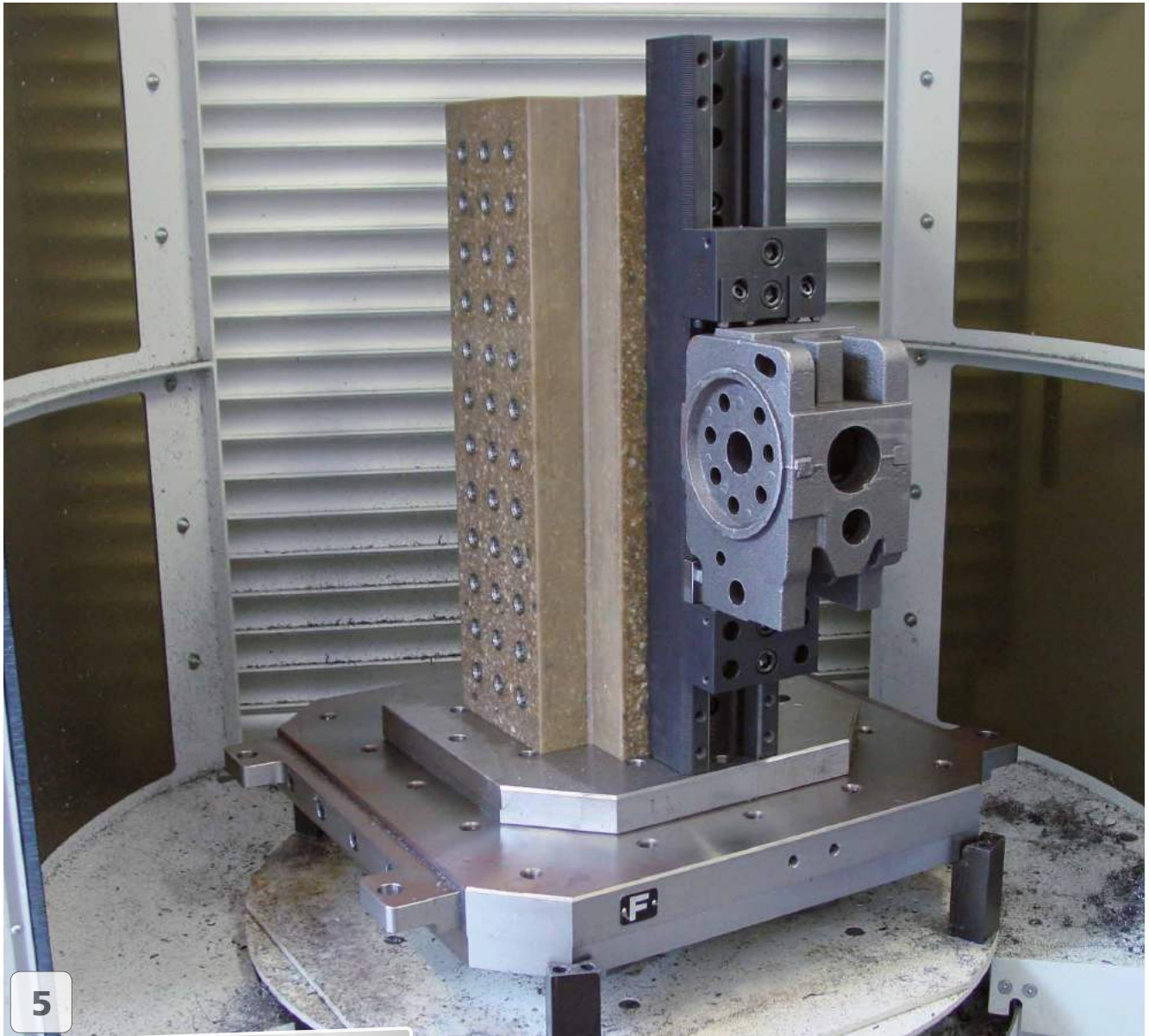
Material	42Cr Mo4
Bearbeitung mit Fräskopf	Ø 200
Machining with milling head	
Bohrer / Drills	Ø 124
Einspanntiefe / Clamping depth	24mm

Apto Clamp in der Schwerzerspannung auf Heller 5-Achsen-Maschine
Apto Clamp for heavy duty machining on a 5-axis machine



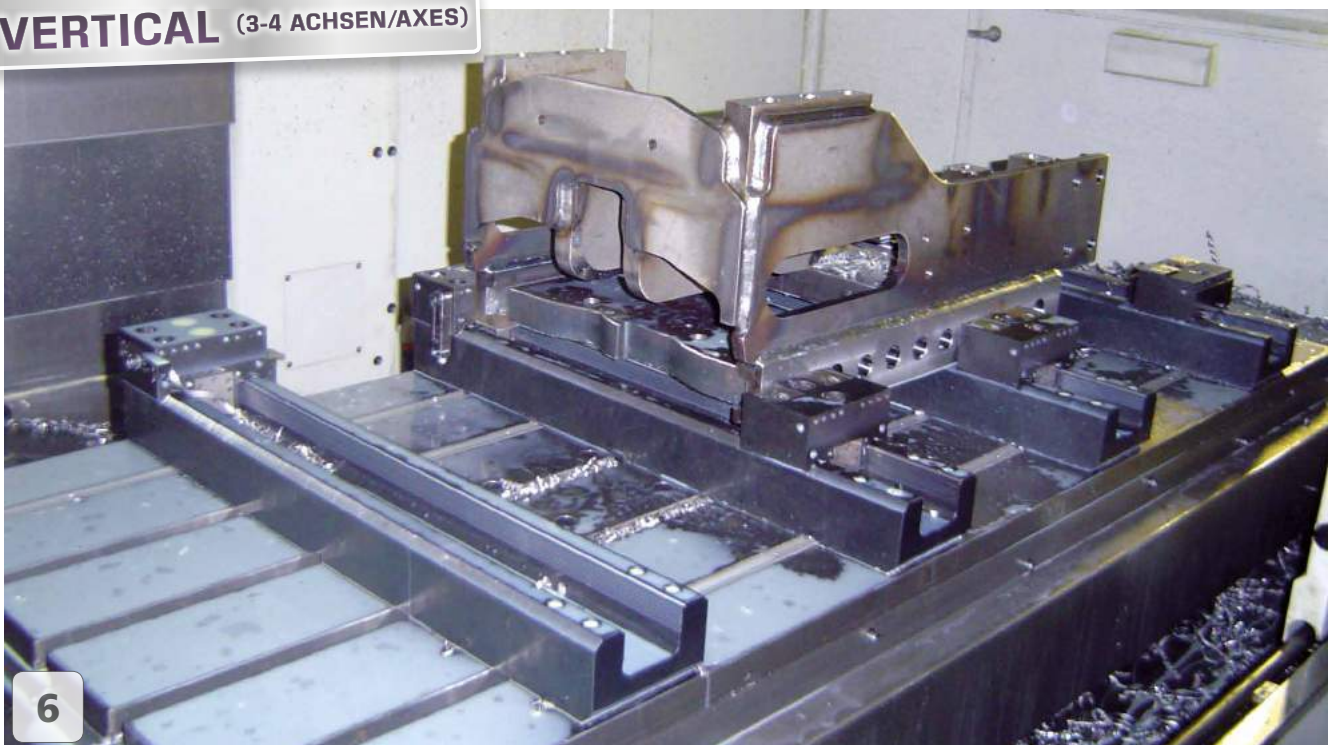




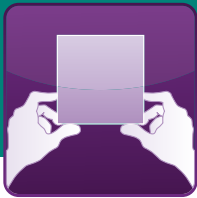


5

VERTICAL (3-4 ACHSEN/AXES)



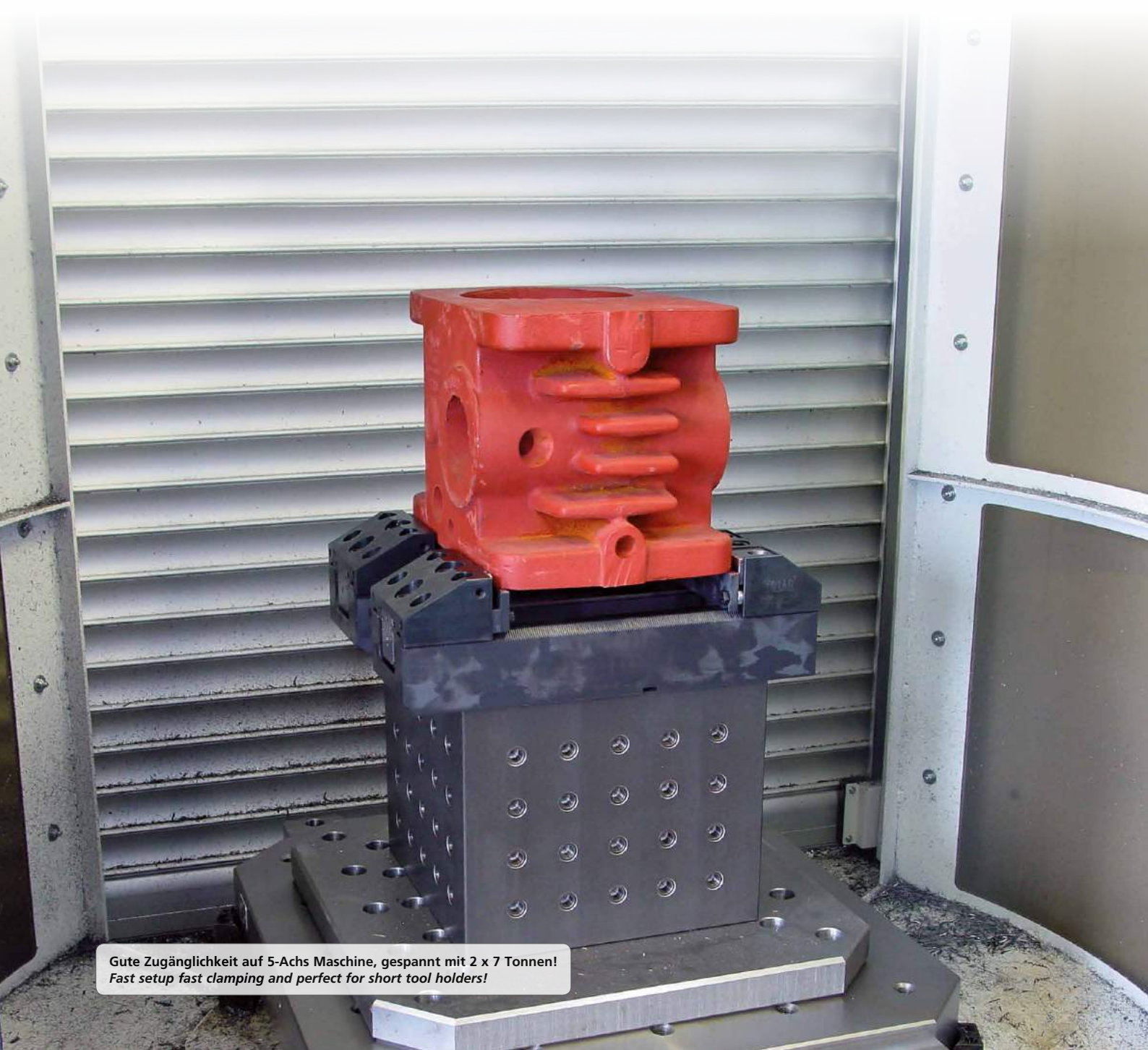
6



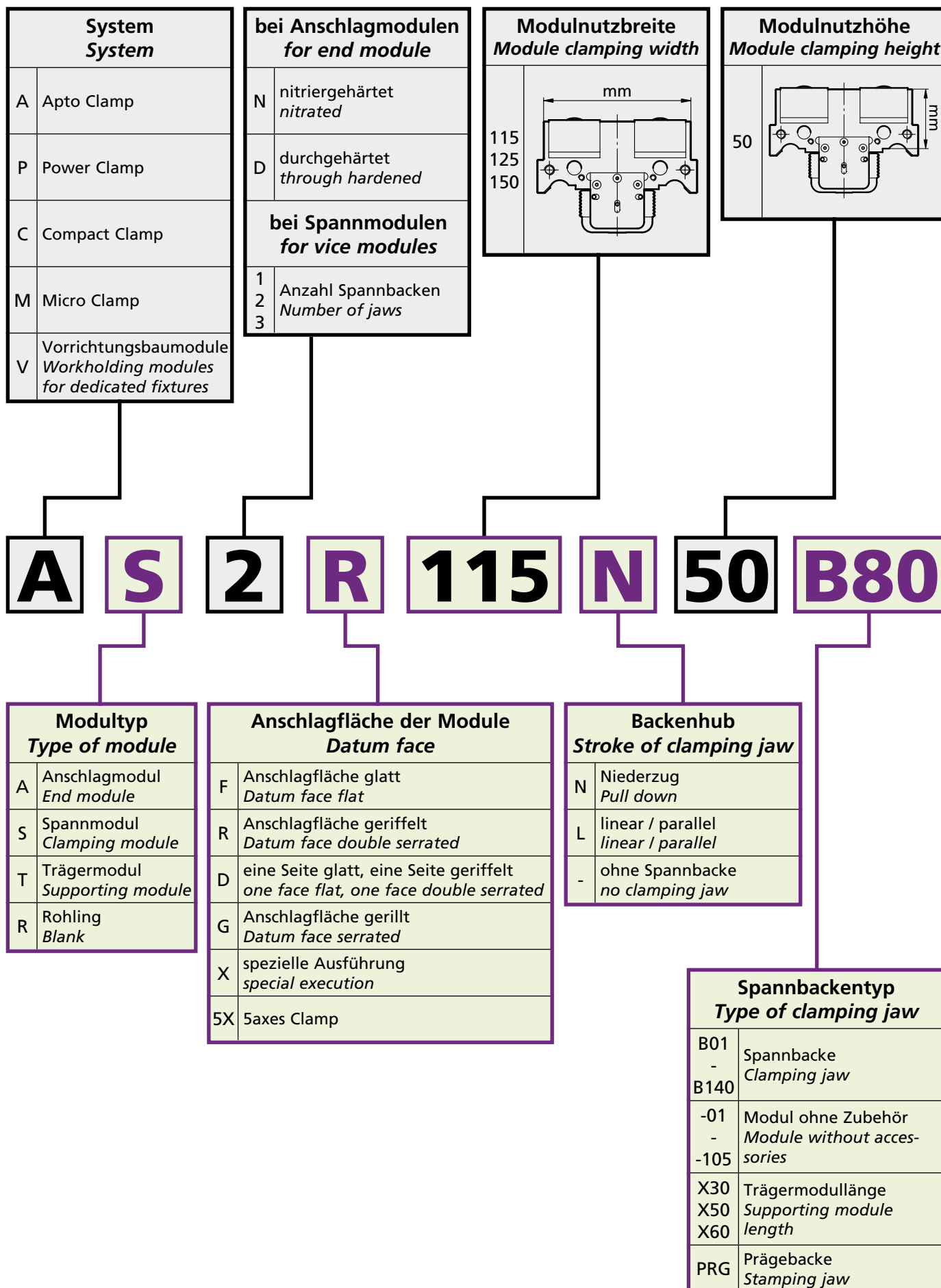
5axes aptoCLAMP

Es gibt zusätzlich Apto Clamp Module in angeschrägter Ausführung. Damit kann ein optimaler Zugang zum Werkstück bei der 5-Achsenmaschine gewährleistet werden. Die Spannmodule produzieren bis zu 7000daN (7 Tonnen) Spannkraft und sind für die Schwerzerspannung empfohlen.

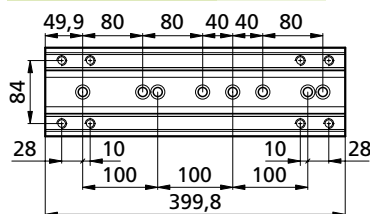
We offer Apto Clamp modules in slanted version. That ensures an optimal access to the workpieces on 5-axis machines. The clamping modules produce up to 7000daN (7 tons) clamping force and are recommended for heavy roughing workholding.



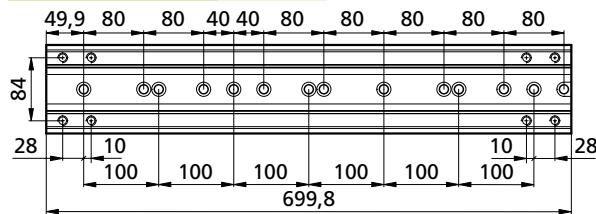
Gute Zugänglichkeit auf 5-Achs Maschine, gespannt mit 2 x 7 Tonnen!
Fast setup fast clamping and perfect for short tool holders!



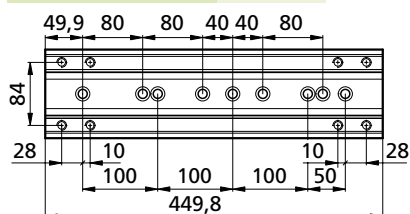
ACB4050400 kg ~18



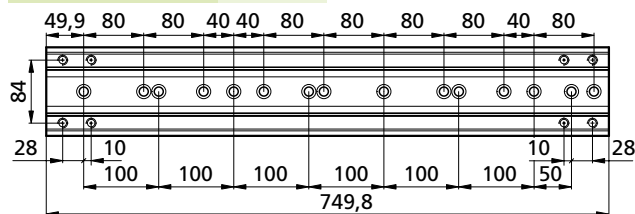
ACB4050700 kg ~31



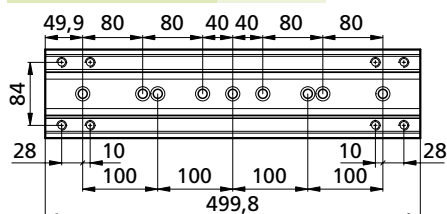
ACB4050450 kg ~20



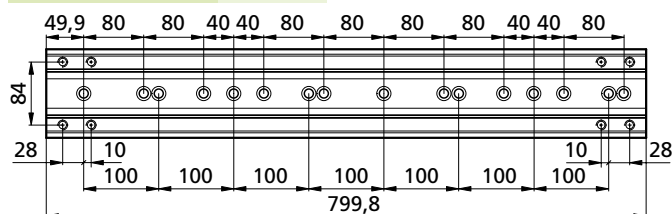
ACB4050750 kg ~33



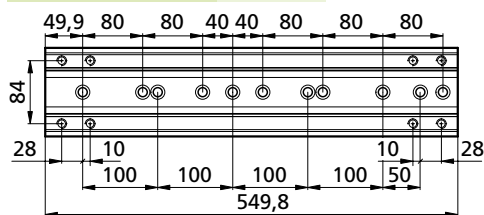
ACB4050500 kg ~22



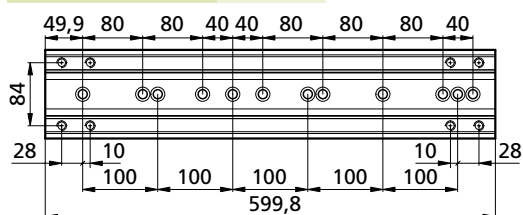
ACB4050800 kg ~35



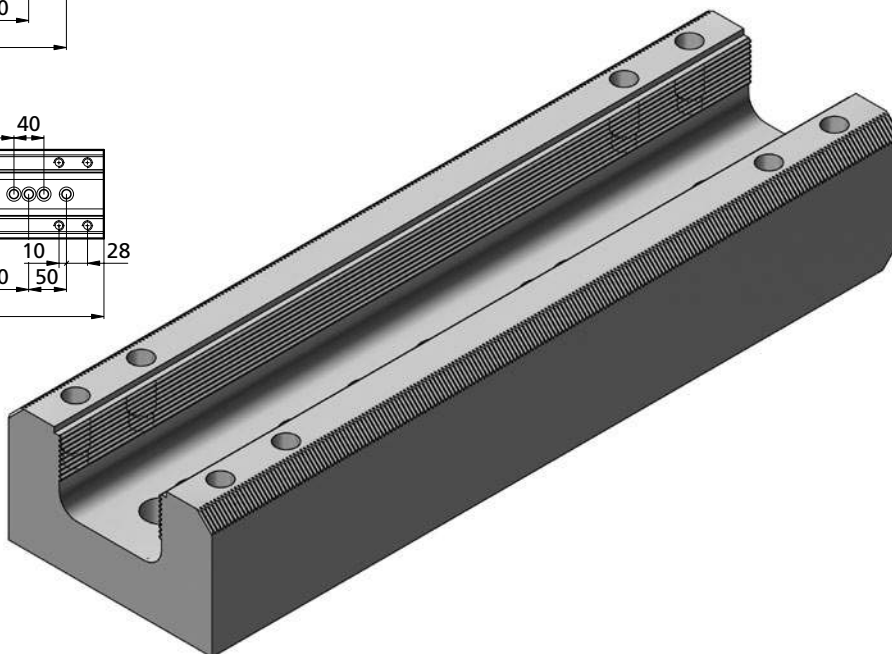
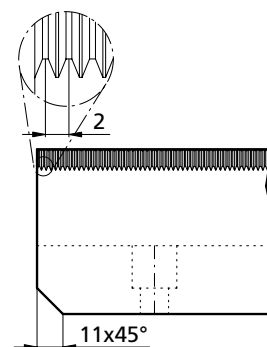
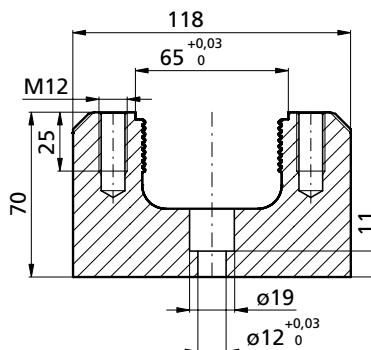
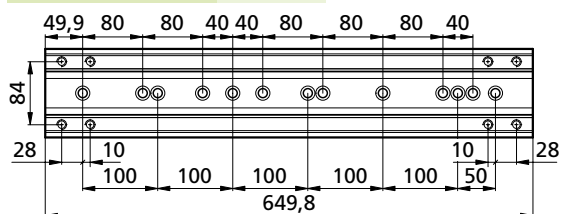
ACB4050550 kg ~24

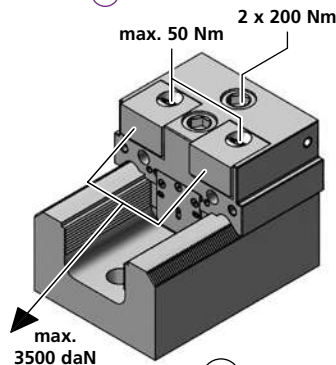
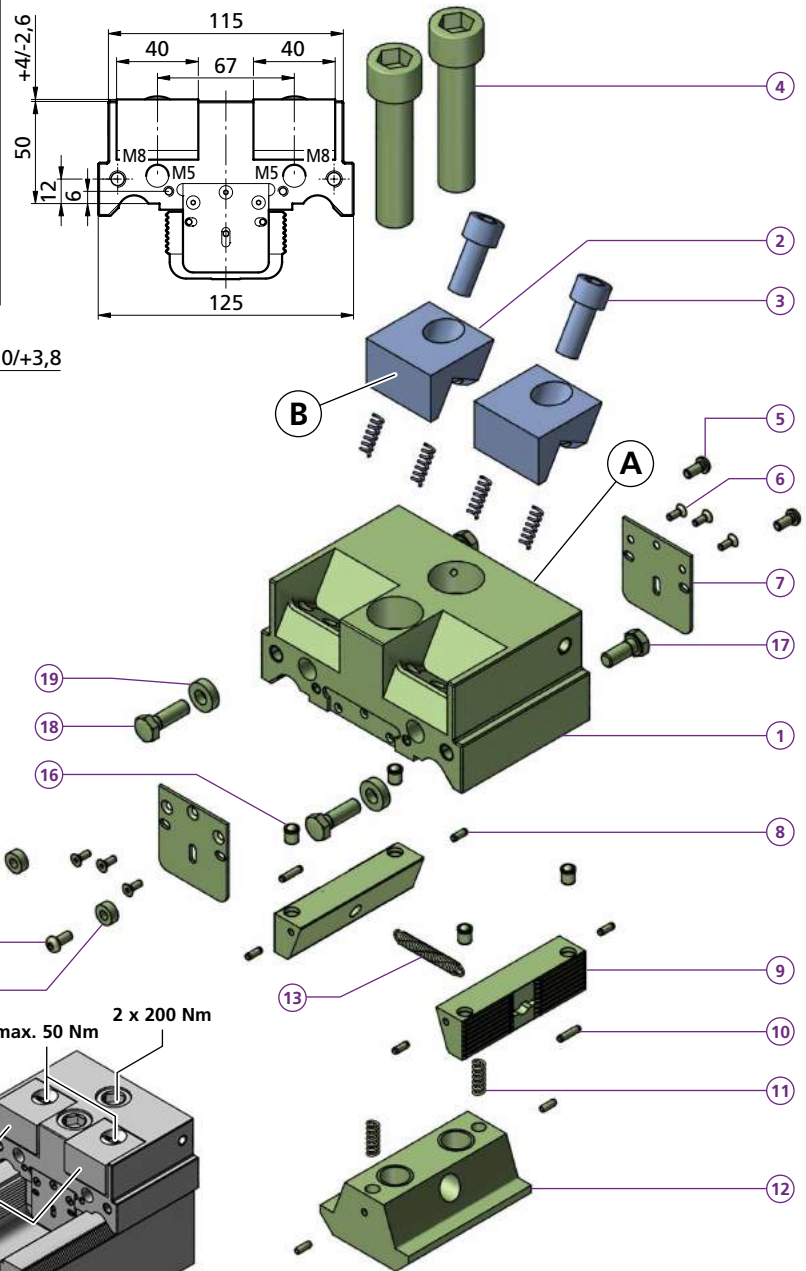
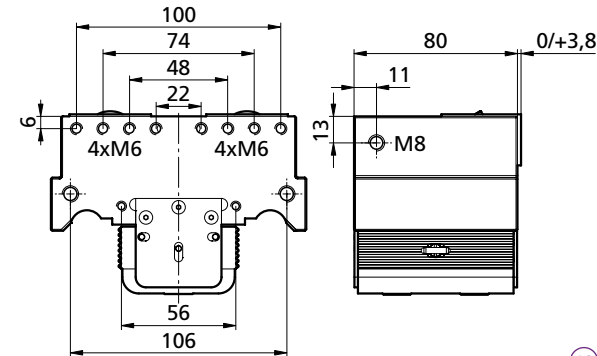
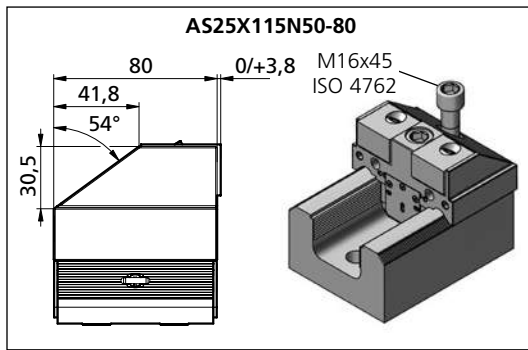


ACB4050600 kg ~26



ACB4050650 kg ~29

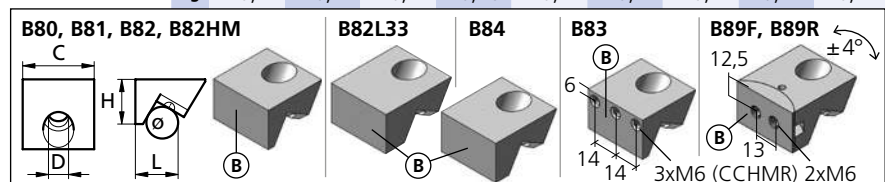




AS25X115N50-80	
1	1x TF140678
4	1x M16x45 ISO 4762
18	1x M16x70 ISO 4762
19	2x M8x20 ISO 4017
kg	~4,3
AS2F115N50-80	
1	1x TF140676
AS2R115N50-80	
1	1x TF140677
2	2x
3	2x M10x25 ISO 4762
4	2x M16x70 ISO 4762
5	2x M5x10 ISO 4762
6	6x M3x6 DIN 7991
7	2x ACBL4243
8	6x Ø 3x8 VSM 12785
9	2x ACSP7620
10	2x Ø 3h 8x12 ISO 2338
11	6x FED0618
12	1x ACSK7632M16
13	1x FED Ø 5,5x39
14	2x PCD005
15	2x M5x14 ISO 4762
16	4x Ø 6-Niro SM1275-3
17	2x M8x16 ISO 4017
18	2x M8x20 ISO 4017
19	2x ACD005
kg	~4,8

Bestellbeispiel / Ordering example: 1x AS2R115N50-80 & 1x B80

	B80	B81	B82	B82L33	B82HM	B83	B84	B89F	B89R
C	40	40	40	40	40	40	40	40	40
H	25	25	25	25	25	25	25	25	25
L	22	22	22,2	33	22,2	22	26,3	29	29
D	11	11	11	11	11	11	11	11	11
ø	15	15	15	15	15	15	15	15	15
i	56HRC	56HRC	*	*	56HRC	HV700 x0,2mm	*	HV700 x0,2mm	HV700 x0,2mm
kg	~0,2	~0,2	~0,2	~0,28	~0,2	~0,2	~0,2	~0,24	~0,24

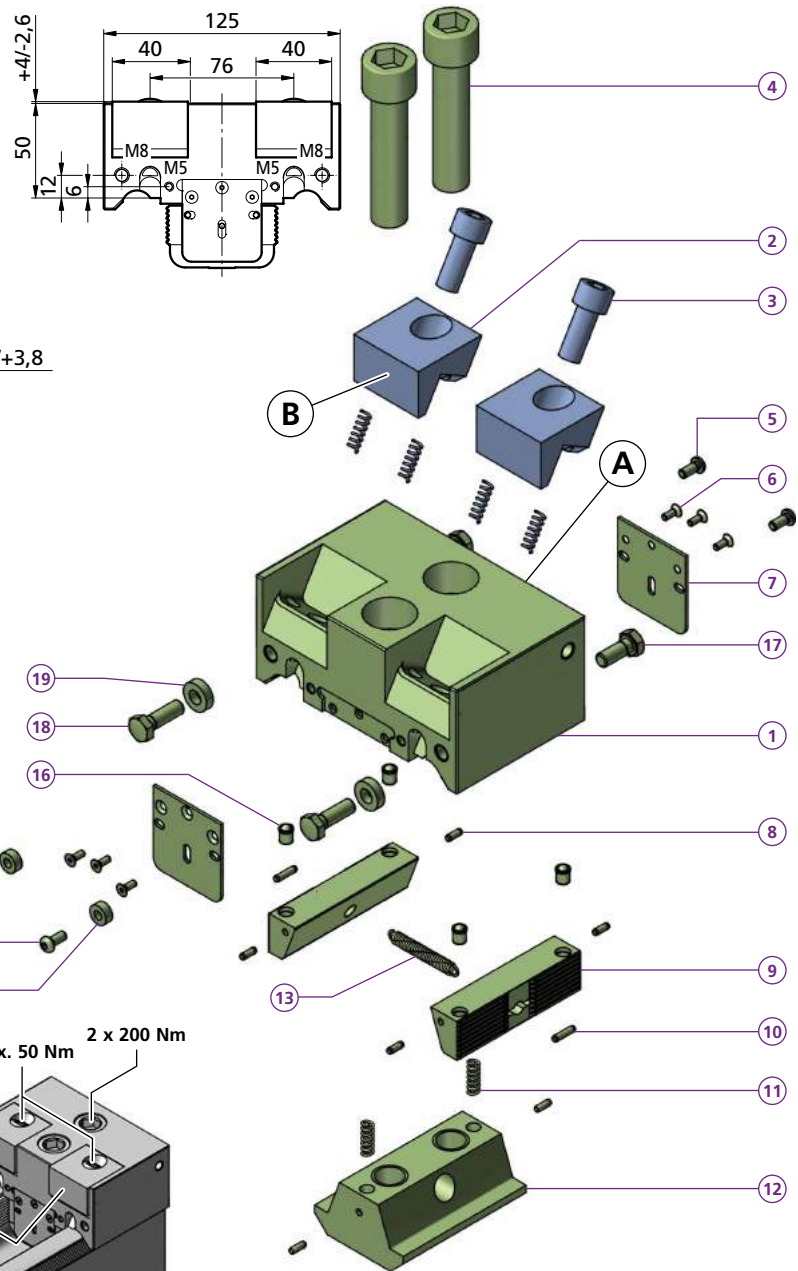
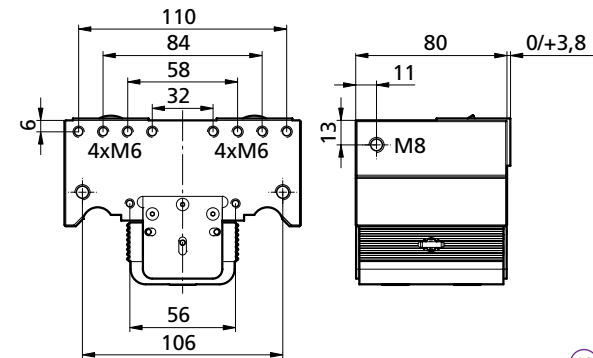
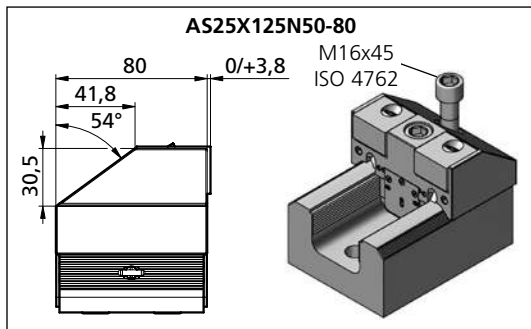


* = weich / soft

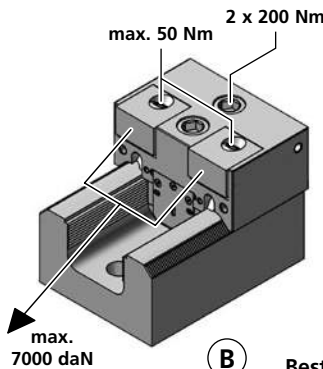
HM = Hartmetallbeschichtet / Carbide coated

Separat bestellen / Separate order

AS2R/F125N50-80 AS25X125N50-80

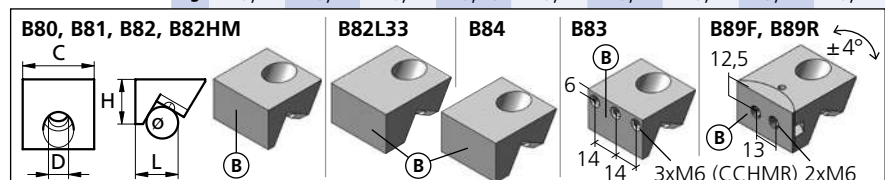


AS25X125N50-80	
1	1x TF140682
4	1x M16x45 ISO 4762
18	1x M16x70 ISO 4762
19	2x M8x20 ISO 4017
19	2x ACD005
kg	~4,3
AS2F125N50-80	
1	1x TF140680
AS2R125N50-80	
1	1x TF140681
2	2x
3	2x M10x25 ISO 4762
4	2x M16x70 ISO 4762
5	2x M5x10 ISO 4762
6	6x M3x6 DIN 7991
7	2x ACBL4243
8	6x Ø 3x8 BN 879
9	2x ACSP7620
10	2x Ø 3h 8x12 ISO 2338
11	6x FED0618
12	1x ACSK7632M16
13	1x FED Ø 5,5x39
14	2x PCD005
15	2x M5x14 ISO 4762
16	4x Ø 6-Niro SM1275-3
17	2x M8x16 ISO 4017
18	2x M8x20 ISO 4017
19	2x ACD005
kg	~4,9

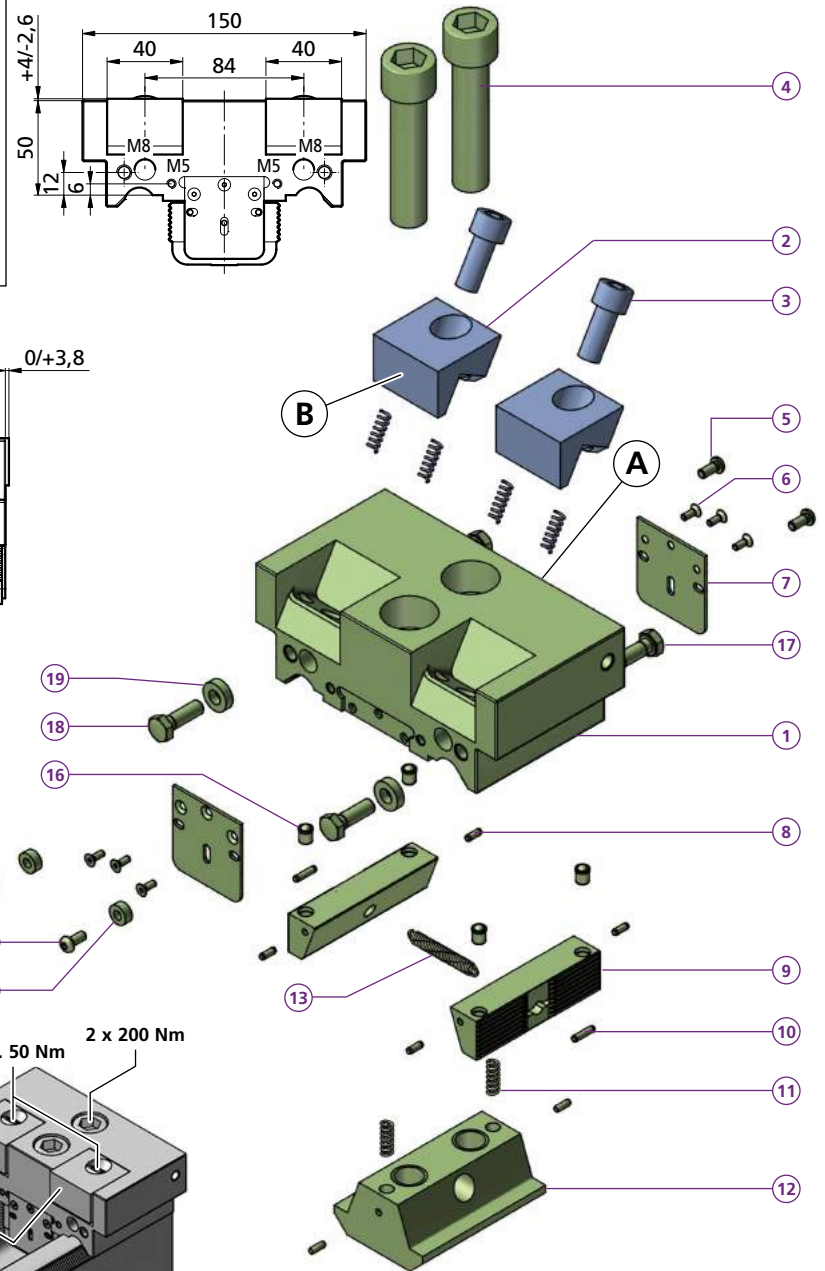
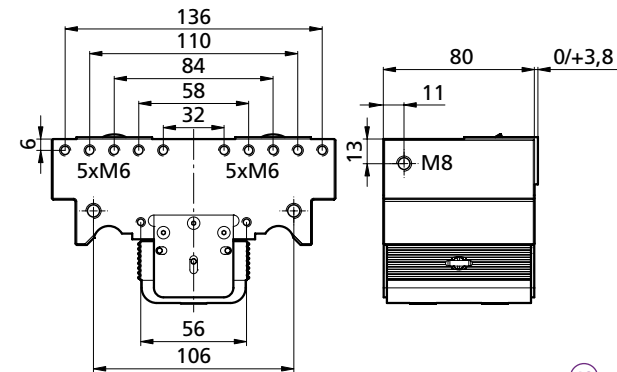
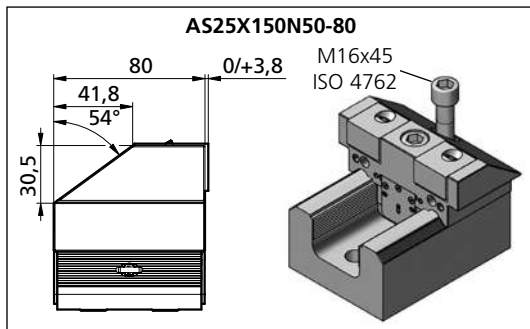


Bestellbeispiel / Ordering example: 1x AS2R125N50-80 & 1x B80

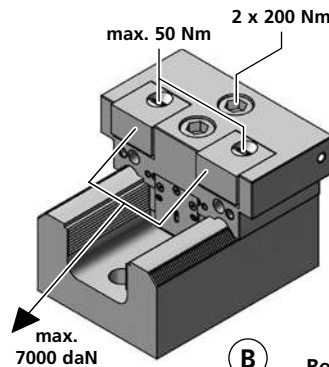
	B80	B81	B82	B82L33	B82HM	B83	B84	B89F	B89R
C	40	40	40	40	40	40	40	40	40
H	25	25	25	25	25	25	25	25	25
L	22	22	22,2	33	22,2	22	26,3	29	29
D	11	11	11	11	11	11	11	11	11
ø	15	15	15	15	15	15	15	15	15
i	56HRC	56HRC	*	*	56HRC	HV700 x0,2mm	*	HV700 x0,2mm	HV700 x0,2mm
kg	~0,2	~0,2	~0,2	~0,28	~0,2	~0,2	~0,2	~0,24	~0,24



AS2R/F150N50-80 AS25X150N50-80

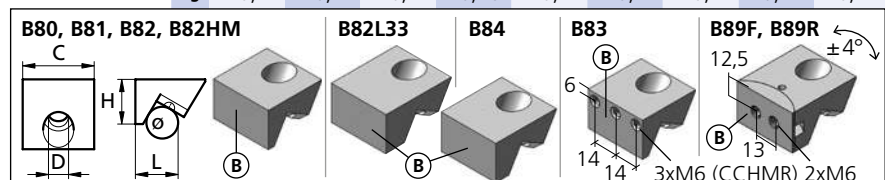


AS25X150N50-80	
1	1x TF140687
4	1x M16x45 ISO 4762
18	1x M16x70 ISO 4762
19	2x M8x20 ISO 4017
19	2x ACD005
kg	~4,7
AS2F150N50-80	
1	1x TF140685
AS2R150N50-80	
1	1x TF140686
2	2x
3	2x M10x25 ISO 4762
4	2x M16x70 ISO 4762
5	2x M5x10 ISO 4762
6	6x M3x6 DIN 7991
7	2x ACBL4243
8	6x Ø 3x8 VSM 12785
9	2x ACSP7620
10	2x Ø 3h 8x12 ISO 2338
11	6x FED0618
12	1x ACDK7632M16
13	1x FED Ø 5,5x39
14	2x PCD005
15	2x M5x14 ISO 4762
16	4x Ø 6-Niro SM1275-3
17	2x M8x16 ISO 4017
18	2x M8x20 ISO 4017
19	2x ACD005
kg	~5,4



Bestellbeispiel / Ordering example: 1x AS2R150N50-80 & 1x B80

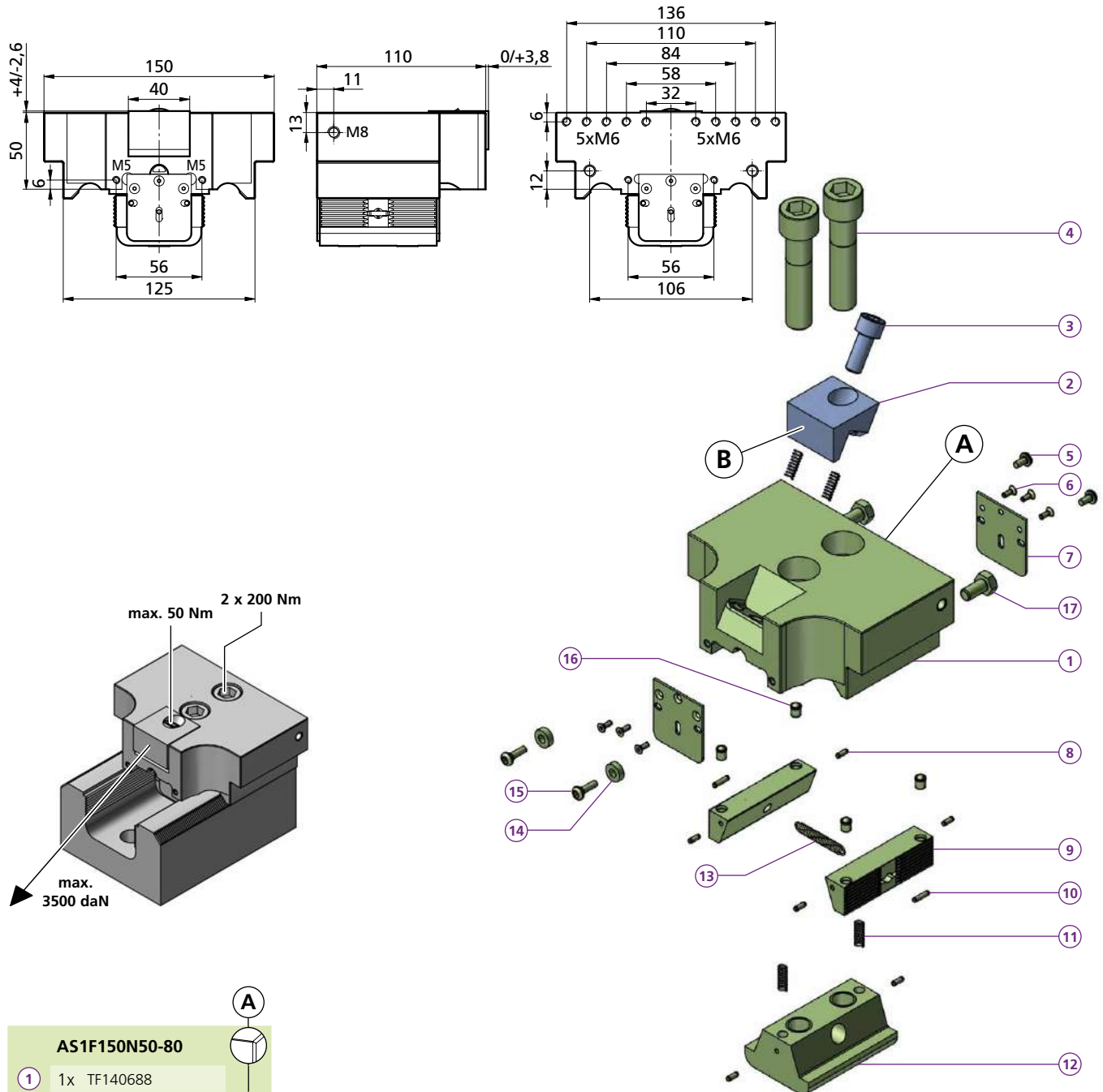
	B80	B81	B82	B82L33	B82HM	B83	B84	B89F	B89R
C	40	40	40	40	40	40	40	40	40
H	25	25	25	25	25	25	25	25	25
L	22	22	22,2	33	22,2	22	26,3	29	29
D	11	11	11	11	11	11	11	11	11
ø	15	15	15	15	15	15	15	15	15
i	56HRC	56HRC	*	*	56HRC	HV700 x0,2mm	*	HV700 x0,2mm	HV700 x0,2mm
kg	~0,2	~0,2	~0,2	~0,28	~0,2	~0,2	~0,2	~0,24	~0,24



* = weich / soft

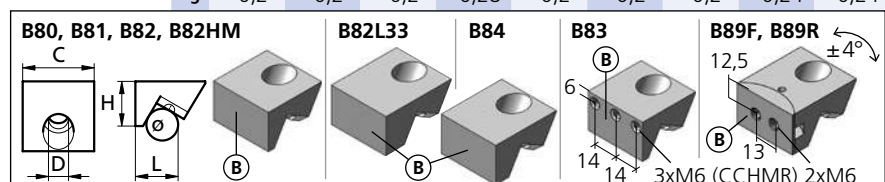
HM = Hartmetallbeschichtet / Carbide coated

Separat bestellen / Separate order



AS1F150N50-80	
1	1x TF140688
AS1R150N50-80	
1	1x TF140689
2	2x
3	1x M10x25 ISO 4762
4	2x M16x70 ISO 4762
5	2x M5x10 ISO 4762
6	6x M3x6 DIN 7991
7	2x ACBL4243
8	6x Ø 3x8 VSM 12785
9	2x ACSP7620
10	2x Ø 3h 8x12 ISO 2338
11	4x FED0618
12	1x ACSK7632M16
13	1x FED Ø 5,5x39
14	2x PCD005
15	2x M5x14 ISO 4762
16	4x Ø 6-Niro SM1275-3
17	2x M8x16 ISO 4017
kg	~6,6

Bestellbeispiel / Ordering example: 1x AS1R150N50-80 & 1x B80									
	B80	B81	B82	B82L33	B82HM	B83	B84	B89F	B89R
C	40	40	40	40	40	40	40	40	40
H	25	25	25	25	25	25	25	25	25
L	22	22	22,2	33	22,2	22	26,3	29	29
D	11	11	11	11	11	11	11	11	11
ø	15	15	15	15	15	15	15	15	15
i	56HRC	56HRC	*	*	56HRC	HV700 x0,2mm	*	HV700 x0,2mm	HV700 x0,2mm
kg	~0,2	~0,2	~0,2	~0,28	~0,2	~0,2	~0,2	~0,24	~0,24



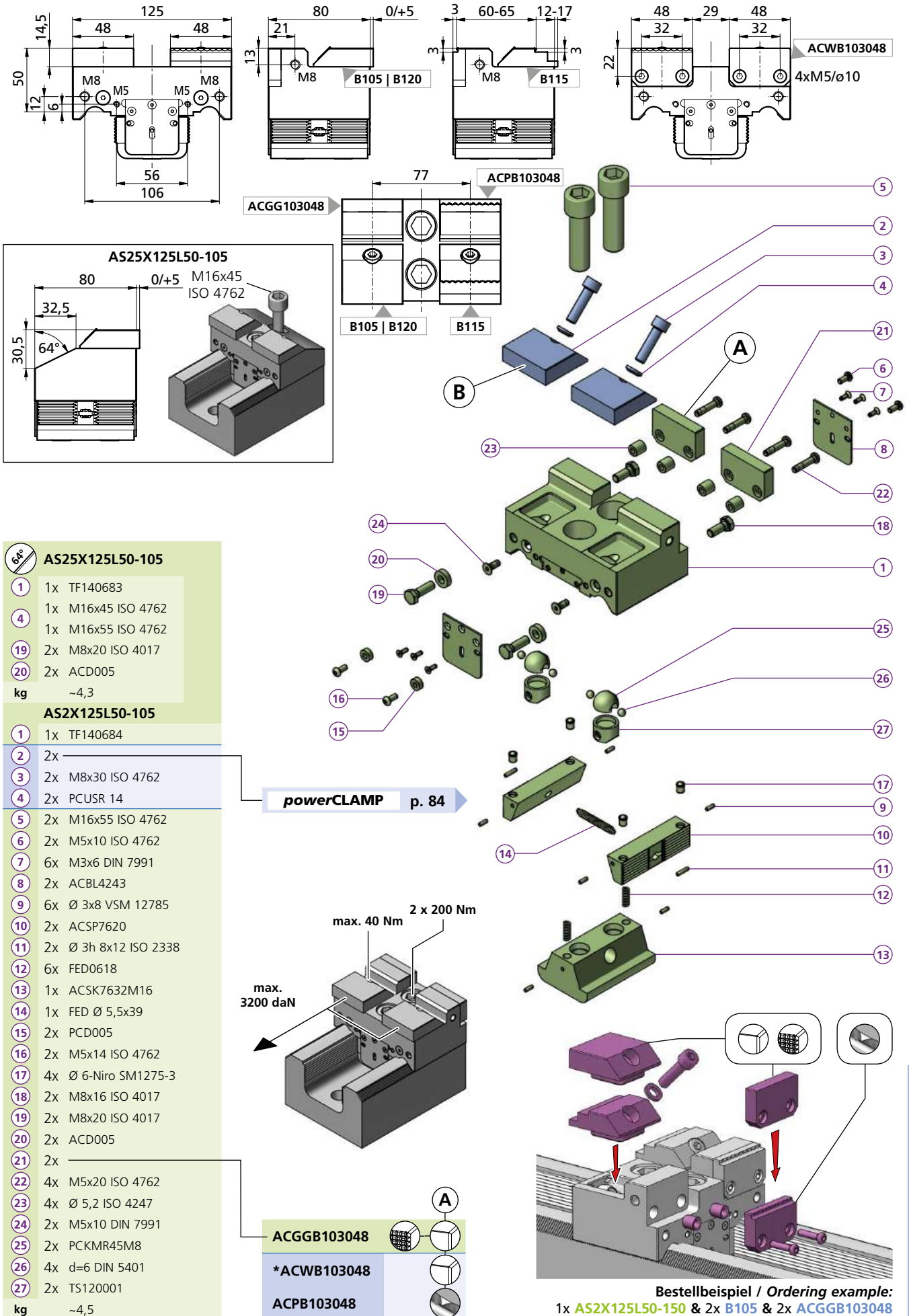
HM = Hartmetallbeschichtet / Carbide coated

AS2X125L50-105 AS25X125L50-105

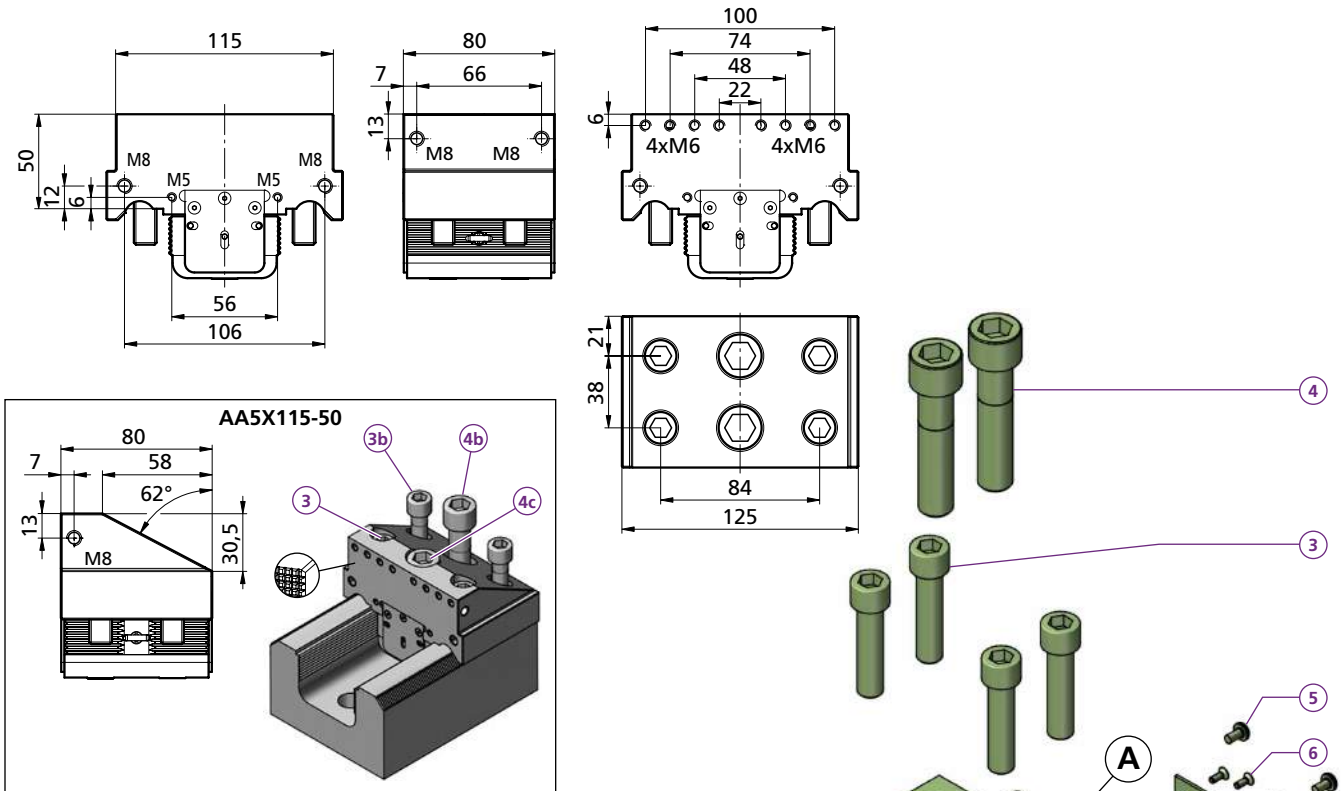
Linear



aptoCLAMP

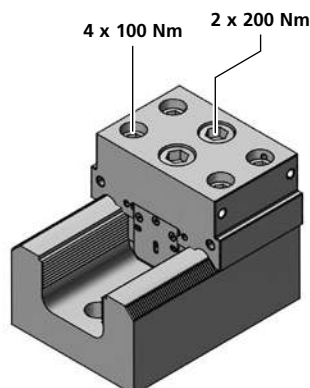


* = weich / soft

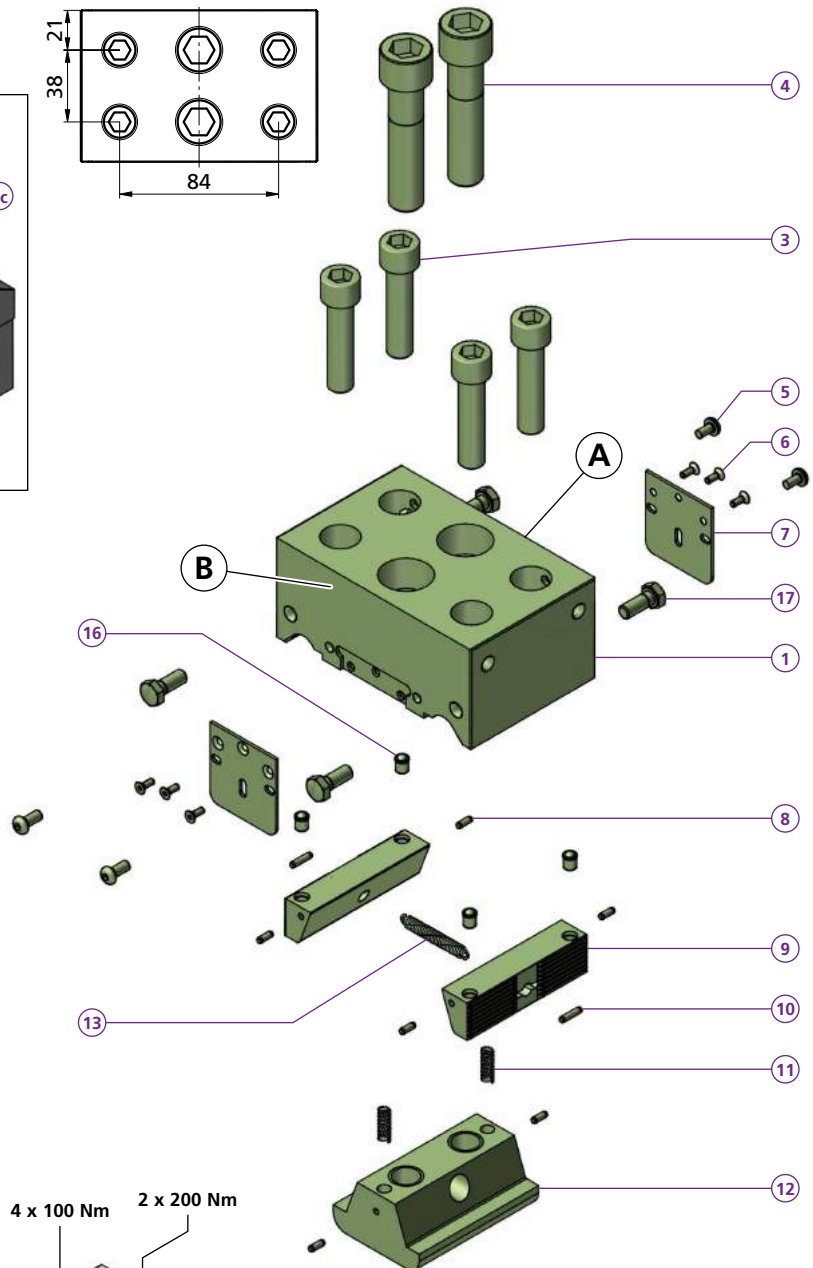
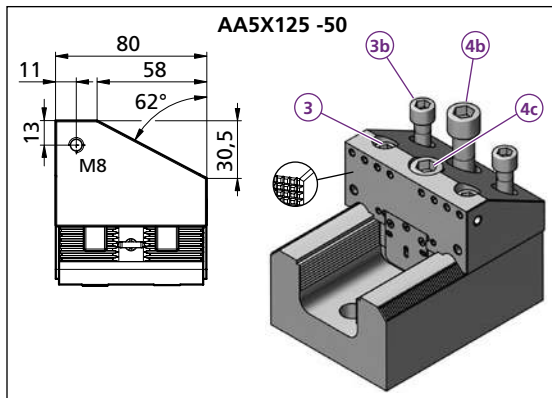
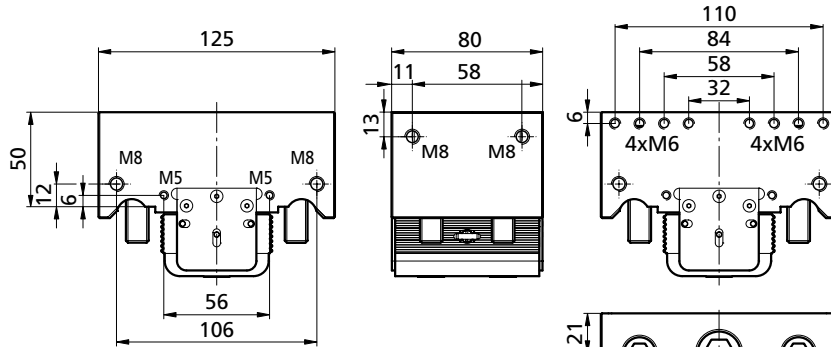


AAND115-50	
1	1x TF140690
3	4x M12x50 ISO 4762
4	2x M16x70 ISO 4762
5	4x M5x10 ISO 4762
6	6x M3x6 DIN 7991
7	2x ACBL4243
8	6x Ø 3x8 VSM 12785
9	2x ACSP7620
10	2x Ø 3h 8x12 ISO 2338
11	2x FED0618
12	1x AC5K7632M16
13	1x FED Ø 5,5x39
16	4x Ø 6-Niro SM1275-3
17	4x M8x16 ISO 4017
kg	~4,7

AA5X115-50	
1	1x TF140691
3	2x M12x50 ISO 4762
3b	2x M12x30 ISO 4762
4c	1x M16x65 ISO 4762
4b	1x M16x45 ISO 4762
5	2x M5x10 ISO 4762
17	2x M8x16 ISO 4017
kg	~4,6



3	2x M12x50 ISO 4762
3b	2x M12x30 ISO 4762
4c	1x M16x65 ISO 4762
4b	1x M16x45 ISO 4762



AAND125-50

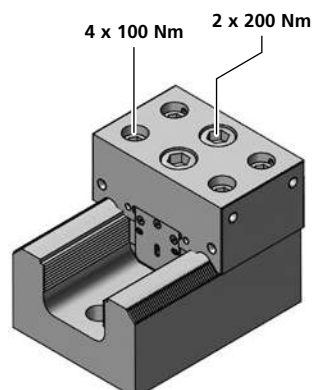
- 1x TF140692
- 4x M12x50 ISO 4762
- 2x M16x70 ISO 4762
- 4x M5x10 ISO 4762
- 6x M3x6 DIN 7991
- 2x ACBL4243
- 6x Ø 3x8 VSM 12785
- 2x ACSP7620
- 2x Ø 3h 8x12 ISO 2338
- 2x FED0618
- 1x ACSK7632M16
- 1x FED Ø 5,5x39

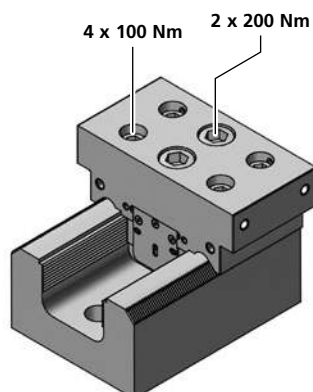
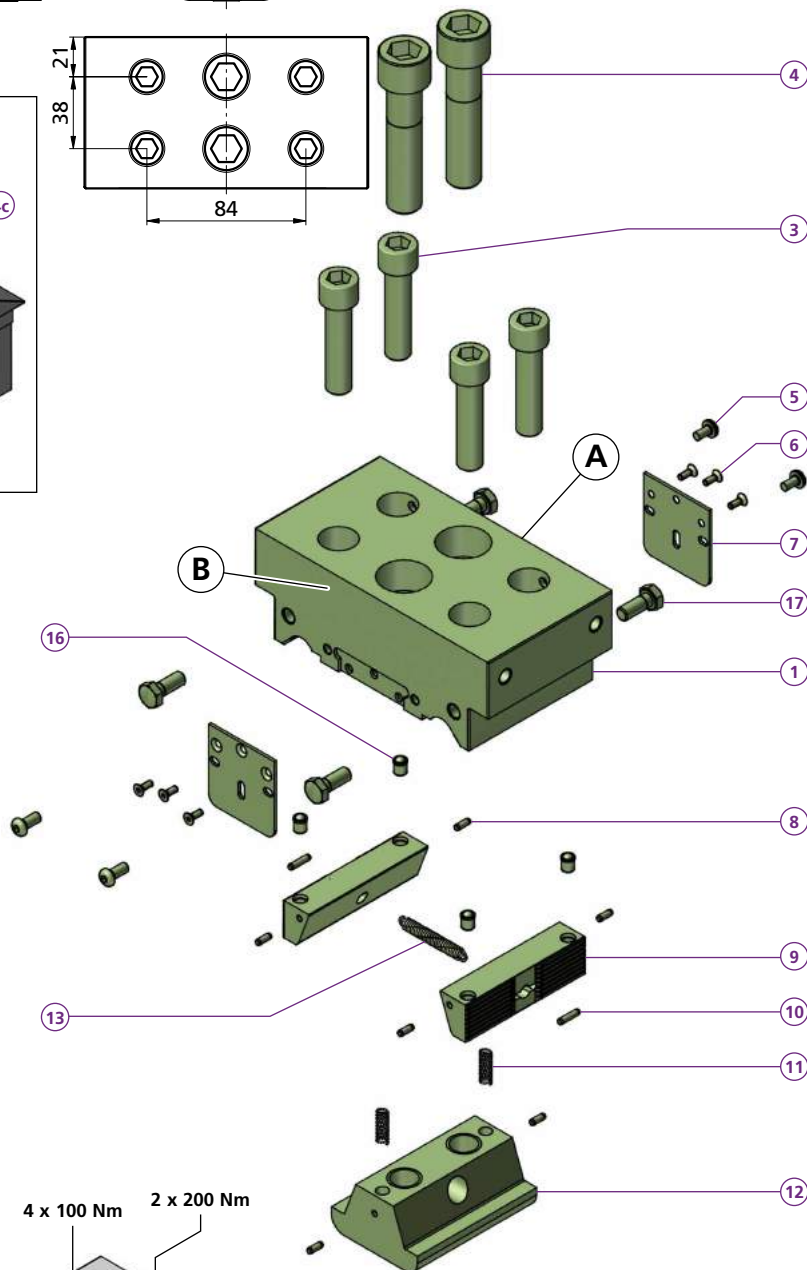
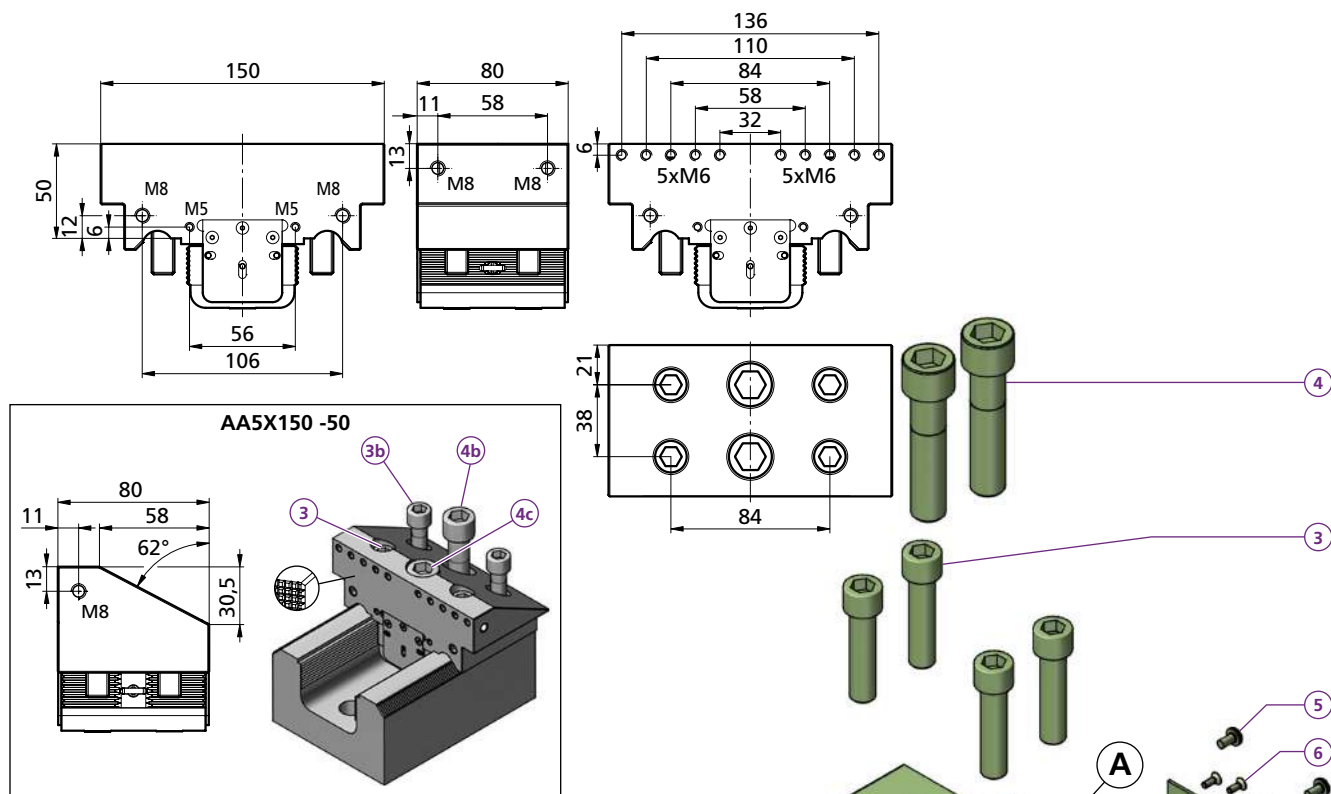
kg ~4,8

AA5X125-50

- 1x TF140693
- 2x M12x50 ISO 4762
- 2x M12x30 ISO 4762
- 1x M16x65 ISO 4762
- 1x M16x45 ISO 4762
- 2x M5x10 ISO 4762
- 2x M8x16 ISO 4017

kg ~4,6





AAND150-50

- | | | |
|----|----|--------------------|
| 1 | 1x | TF140695 |
| 3 | 4x | M12x50 ISO 4762 |
| 4 | 2x | M16x70 ISO 4762 |
| 5 | 4x | M5x10 ISO 4762 |
| 6 | 6x | M3x6 DIN 7991 |
| 7 | 2x | ACBL4243 |
| 8 | 6x | Ø 3x8 VSM 12785 |
| 9 | 2x | ACSP7620 |
| 10 | 2x | Ø 3h 8x12 ISO 2338 |
| 11 | 2x | FED0618 |
| 12 | 1x | ACSK7632M16 |
| 13 | 1x | FED Ø 5,5x39 |

16	4x Ø 6-Niro SM1275-3
17	4x M8x16 ISO 4017
kg	~5,2

AA5X150-50

- | | | |
|----|----|-----------------|
| 1 | 1x | TF140696 |
| 3 | 2x | M12x50 ISO 4762 |
| 3b | 2x | M12x30 ISO 4762 |
| 4c | 1x | M16x65 ISO 4762 |
| 4b | 1x | M16x45 ISO 4762 |
| 5 | 2x | M5x10 ISO 4762 |

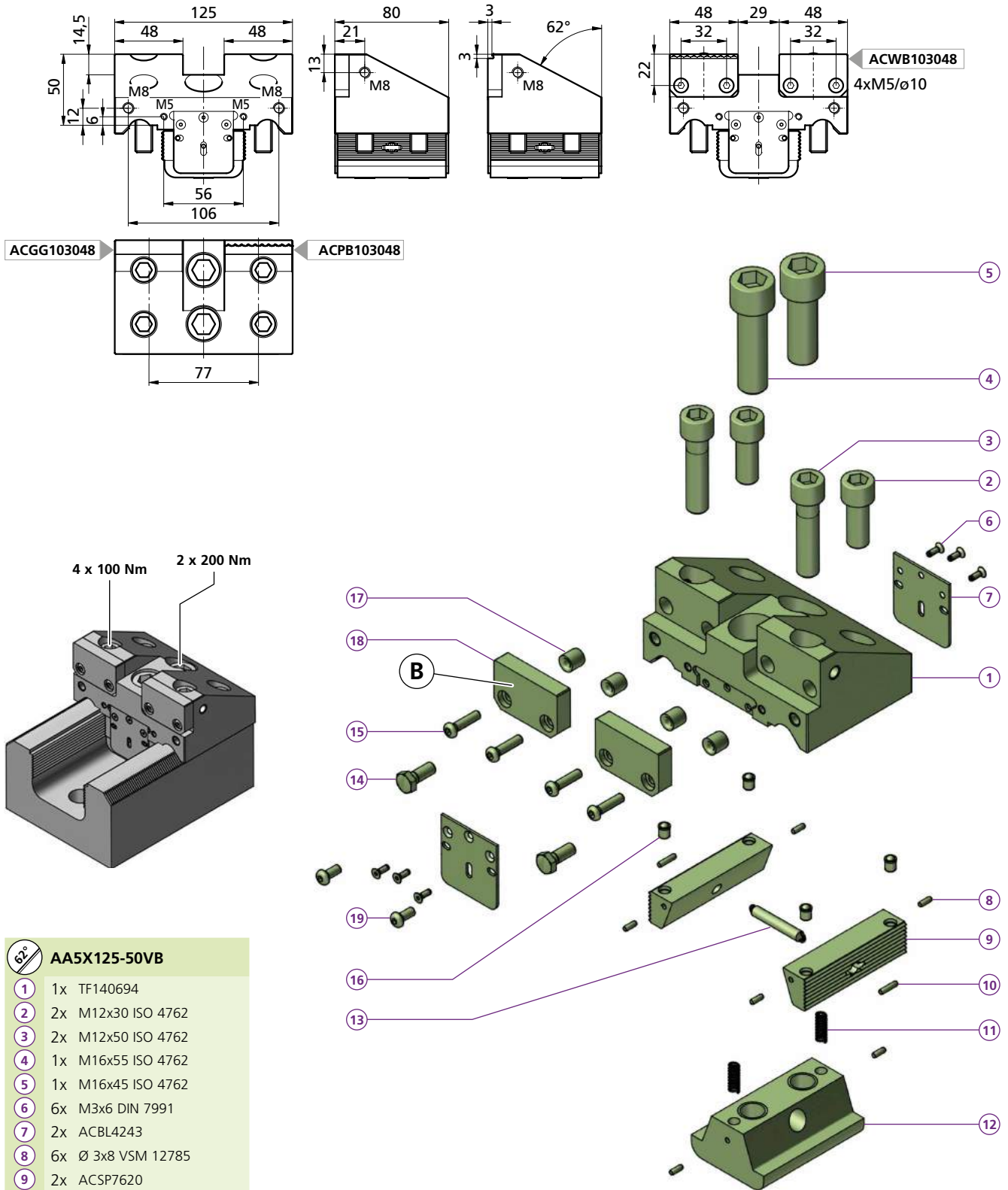
17 2x M8x16 ISO 4017
kg ~5,0

Bestellbeispiel / Ordering example: AAND150-50



AA5X125-50VB

aptoCLAMP



AA5X125-50VB	
1	1x TF140694
2	2x M12x30 ISO 4762
3	2x M12x50 ISO 4762
4	1x M16x55 ISO 4762
5	1x M16x45 ISO 4762
6	6x M3x6 DIN 7991
7	2x ACBL4243
8	6x Ø 3x8 VSM 12785
9	2x ACSP7620
10	2x Ø 3h 8x12 ISO 2338
11	2x FED0618
12	1x ACSV7632M16
13	1x FED Ø 5,5x39
14	2x M8x16 ISO 4017
15	4x M5x20 ISO 4762
16	4x Ø 6-Niro SM1275-3
17	4x 5,2x10x10 DIN179-A
18	2x
19	2x M5x10 ISO 4762
kg	~4,5

ACGGB103048	
*ACWB103048	
ACPB103048	

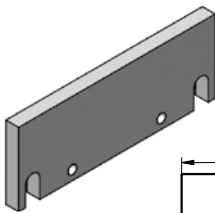
Bestellbeispiel / Ordering example:
1x AA5X125-50VB & 2x ACGGB103048

Separat bestellen / Separate order

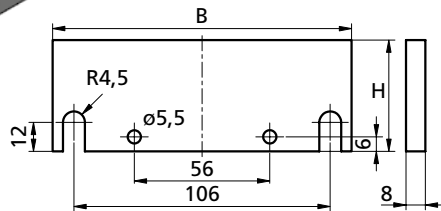
* = weich / soft



Parallelunterlage
Steel parallels

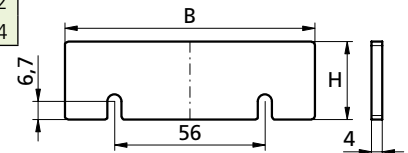


124mm	B	H	kg
ACU21124	124	21	~0,138
ACU36124	124	36	~0,250
ACU41124	124	41	~0,294
ACU46124	124	46	~0,328

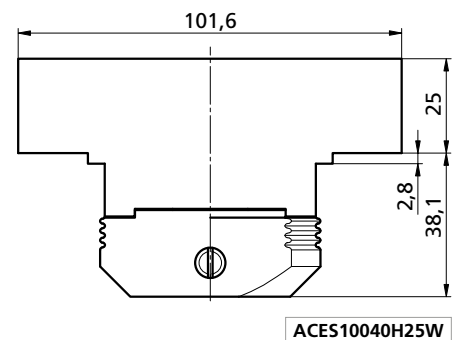
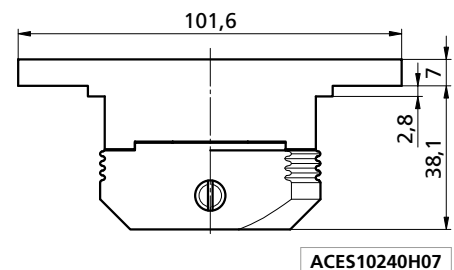
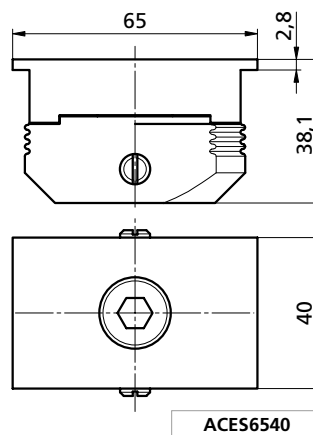
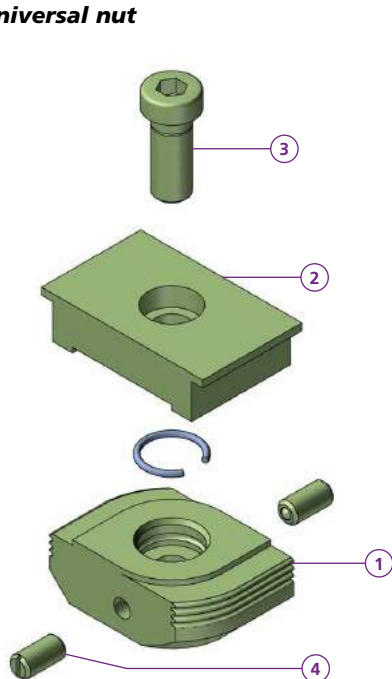


94mm	B	H	kg
PCU14093	93	14	~0,04
PCU20093	93	20	~0,06
PCU24093	93	24	~0,07
PCU29093	93	29	~0,09
PCU31093	93	31	~0,09
PCU34093	93	34	~0,10
PCU39093	93	39	~0,11
PCU44093	93	44	~0,12
PCU46093	93	46	~0,14

125mm	B	H	kg
PCU20124	124	20	~0,08
PCU24124	124	24	~0,09
PCU29124	124	29	~0,11
PCU31124	124	31	~0,12
PCU34124	124	34	~0,13
PCU39124	124	39	~0,15
PCU44124	124	44	~0,17

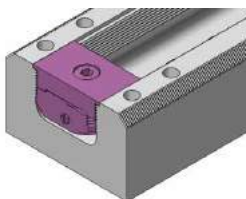


Universalnutenstein
Universal nut



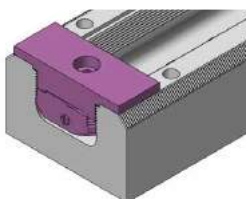
ACES6540

- ① 1x ACZS6540
 - ② 1x ACES6540
 - ③ 1x M12x30 DIN7984
 - ④ 2x SM1275-1KSM8
- kg ~ 0,67



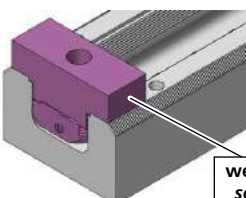
ACES10240H07

- ① 1x ACZS6540
 - ② 1x ACES10240H07
 - ③ 1x M12x30 DIN7984
 - ④ 2x SM1275-1KSM8
- kg ~ 0,88

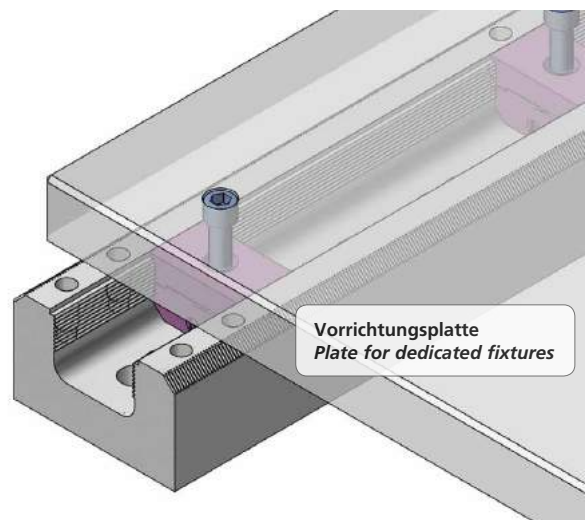


ACES10040H25W

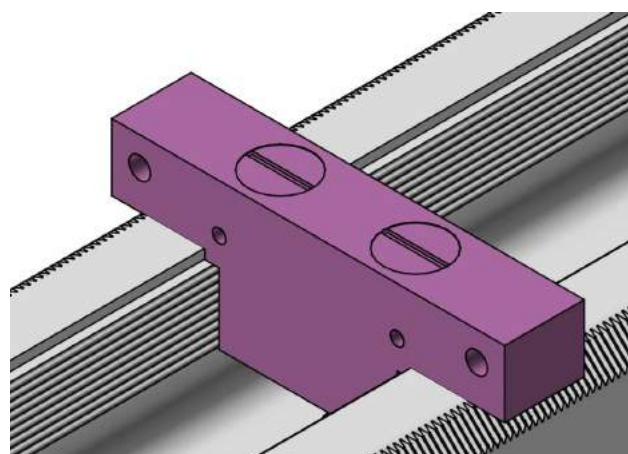
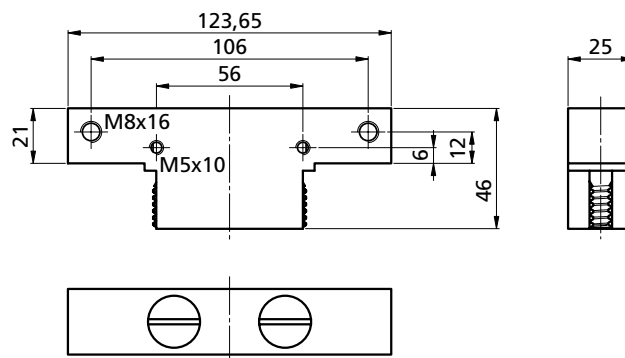
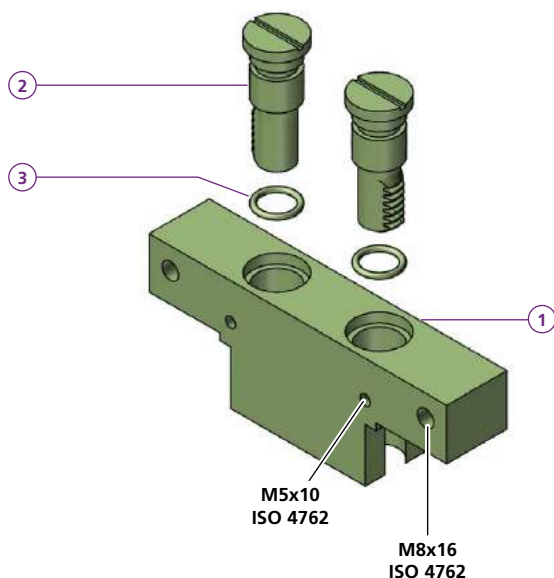
- ① 1x ACZS6540
 - ② 1x ACES10040H25W
 - ③ 1x M12x30 DIN7984
 - ④ 2x SM1275-1KSM8
- kg ~ 1,42



weich
soft 1.2312



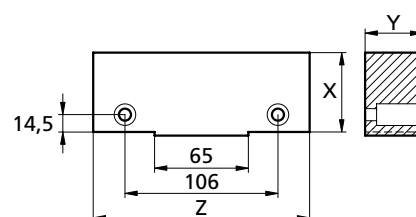
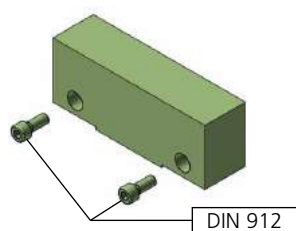
Bestellbeispiel / Ordering example: **ACES6540**



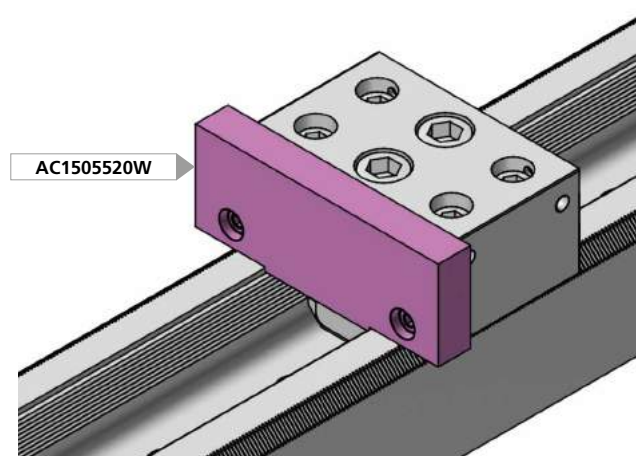
Bestellbeispiel / Ordering example: **ACUH21-124**

ACUH21-124	
1	1x TW090086-02
2	1x ACBS 1646
3	2x OR Ø 12X2
kg	~ 0,74

weiche Backe
soft jaw



		X	Y	Z	kg
AC1505520W	M8x20	55	20	150	~ 1,28
AC1505540W	M8x20	55	40	150	~ 2,55



Bestellbeispiel / Ordering example: **AC1505520W**