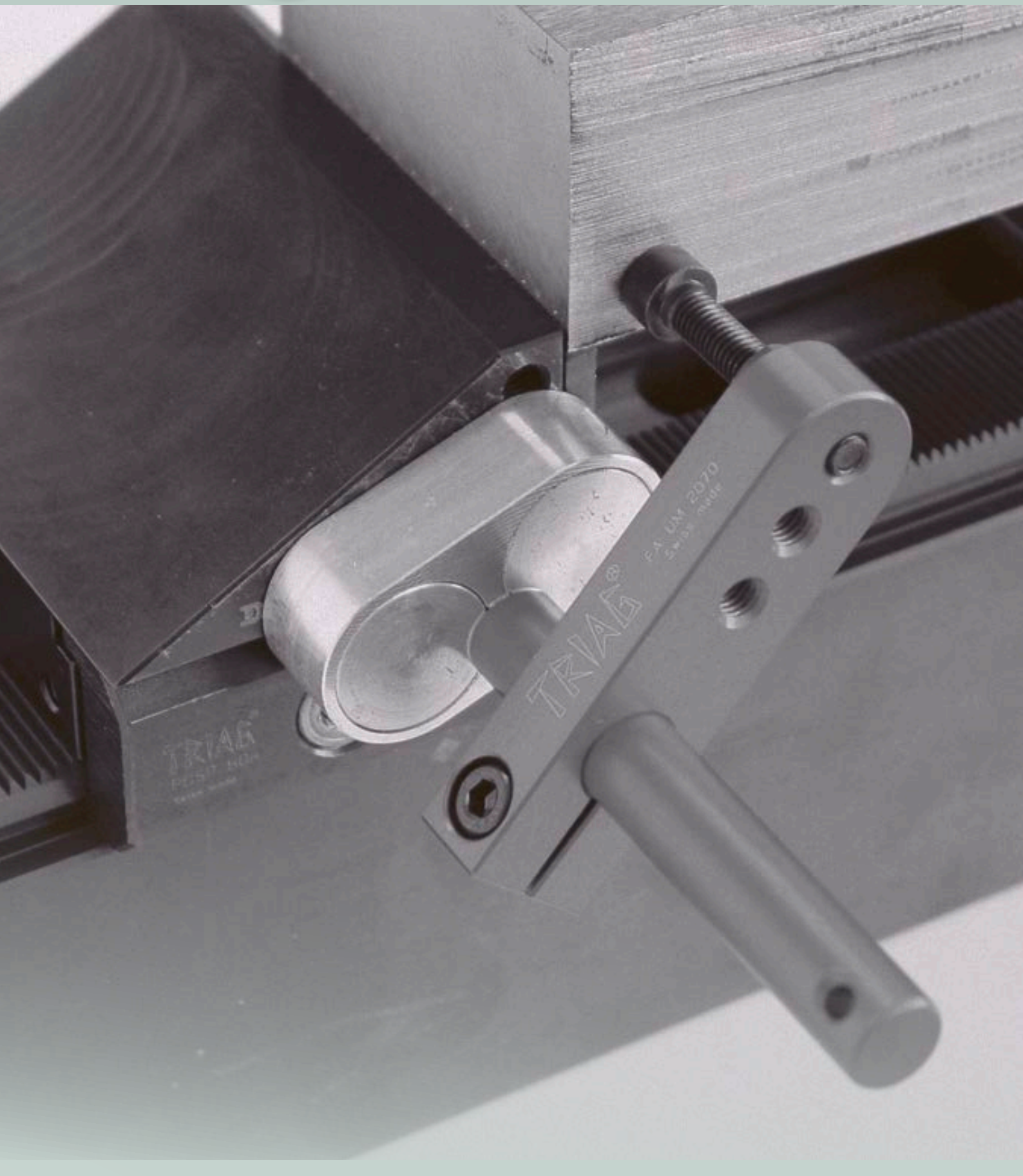
Zubehör
Accessories



Einstellmassstab | *Measuring device* **335**

Magnetanschlag | *Magnetic milling buffer* **336**

Fräsanschlag / Hartmetalldruckstück | *Milling buffer / Carbide gripper* **337**

Stopfen / Spannschrauben / Passschrauben / T-Nuten Steine
Plug / Clamping screw / Fitting screw / T-slot nuts **338**

Triag Bitburr / Magnethalter / Pneumatikschrauber Set
Magnetic holder / Pneumatic screwdrivers set **339**

Drehmomentschlüssel / Spannschlüssel / Messingdrahtbürste
Torque wrenchs / Clamping wrench / Brass wire brush **340**

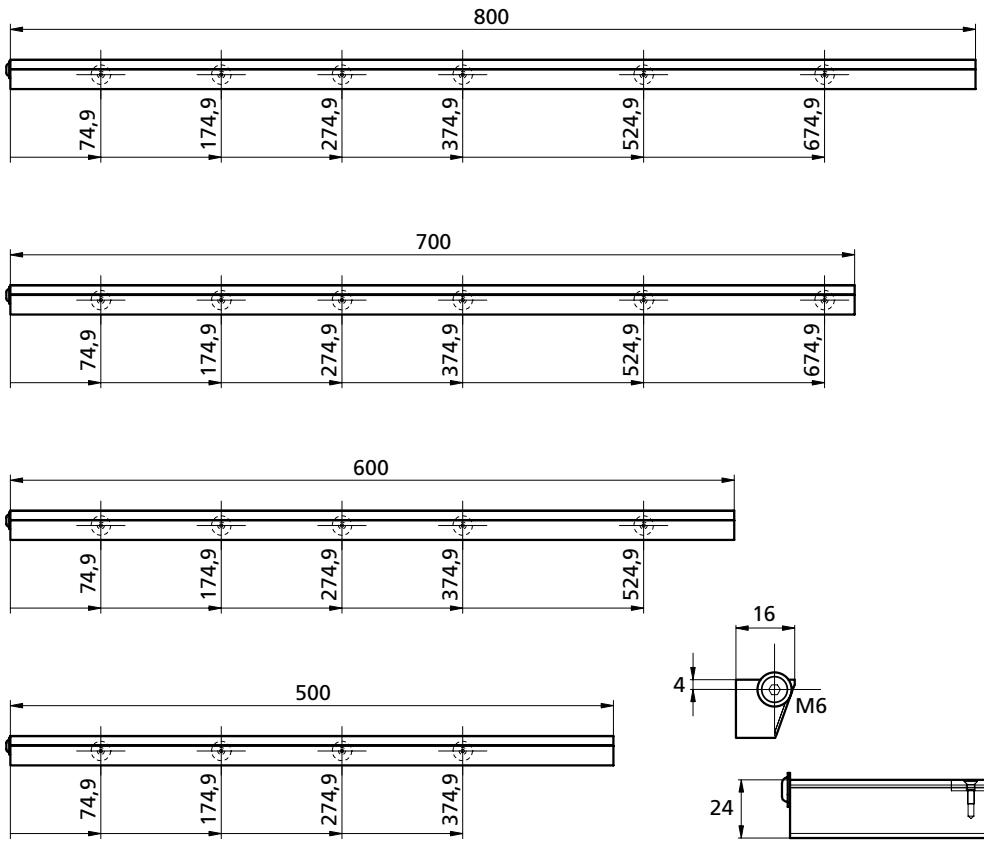
Massstab mit Magnetleiste
Scale with magnet profile

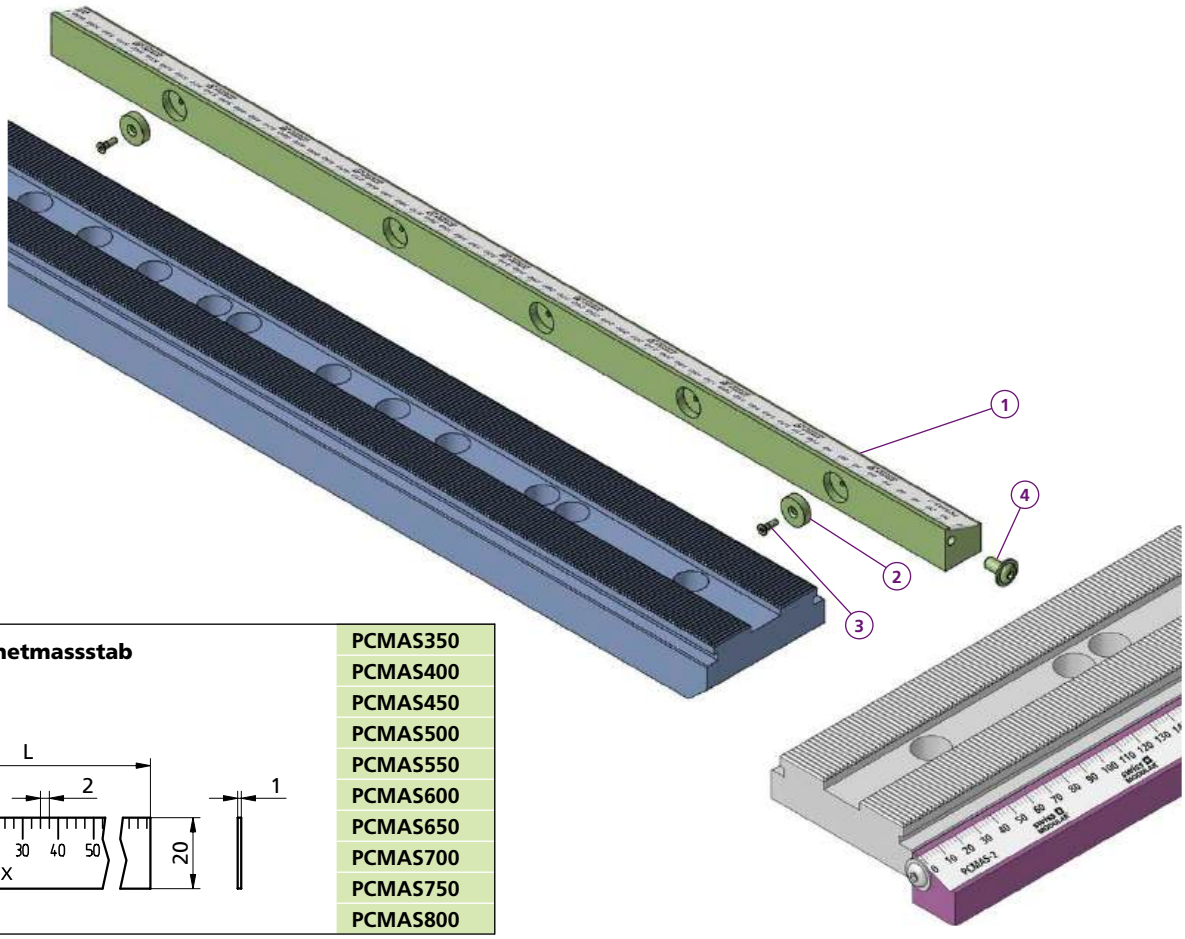
PCMAS800ML	
1	1x **PCMAS800ML**
2	2x MG1645
3	2x **M3X10ISO4762**
4	1x **M6X12BN5128**
kg	~1,0

PCMAS700ML	
1	1x **PCMAS700ML**
2	2x MG1645
3	2x **M3X10ISO4762**
4	1x **M6X12BN5128**
kg	~0,88

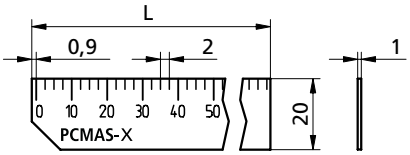
PCMAS600ML	
1	1x **PCMAS600ML**
2	2x MG1645
3	2x **M3X10ISO4762**
4	1x **M6X12BN5128**
kg	~0,75

PCMAS500ML	
1	1x **PCMAS500ML**
2	2x MG1645
3	2x **M3X10ISO4762**
4	1x **M6X12BN5128**
kg	~0,63





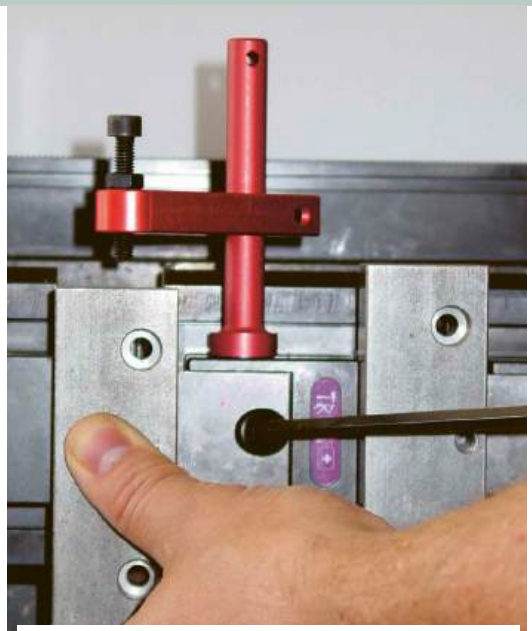
Alu - Magnetmassstab
Alu scale



PCMAS350
PCMAS400
PCMAS450
PCMAS500
PCMAS550
PCMAS600
PCMAS650
PCMAS700
PCMAS750
PCMAS800

Bestellbeispiel / *Ordering example* : PCMAS800ML

Separat bestellen / *Order separately*



Die einfache Plazierung ermöglicht schnelles Montieren und wieder Entfernen auch auf der 5-Achsen-Maschine!
Easy positioning makes quick mounting and lifting possible also on five axes machines!

Die 3 Sicherheitsstufen:

Durch seine **rote Farbe** ist der Anschlag besser sichtbar, was das Risiko vermindert, dass er in der Maschine vergessen wird.

Die **Bohrung** dient zum Befestigen einer Schnur am Handgelenk oder ausserhalb der Maschine.

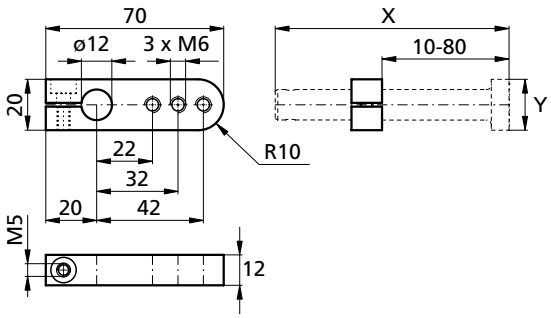
Dank dem **Magnet** ist der Anschlag auf allen magnetischen Materialien auf minimalem Platz einsetzbar, bei Kollision wird er weggedrückt. Es entstehen so keine teuren Werkzeugbrüche oder Maschinendefekte.

The 3 safety levels:

*Because of its **red color**, the buffer is better visible. So the risk of forgetting the device in the machine is diminished.*

*The **drilling** serves to fasten a cord around the wrist or outside the machine.*

*Its **magnet** makes the buffer applicable on all magnetic materials on minimum space, in case of collision it gets pressed away, so there won't be any expensive breaking of tools or machines.*

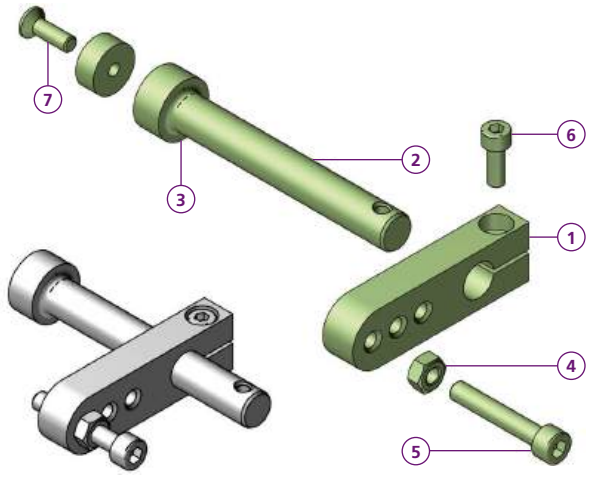


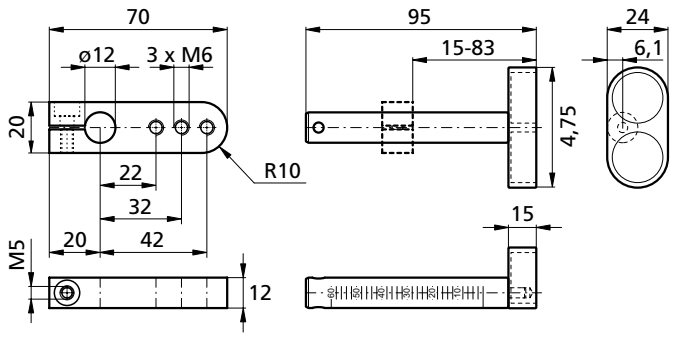
Haltekraft / *Holding force*
45N = 4,5daN (~4,5 kg)

FAUM2070		
1	1x	FA2070
2	1x	FAD2092
3	2x	MG1645
4	2x	M6ISO4032
5	1x	**M6X35ISO4762**
6	1x	**M5X14ISO4762**
7	1x	M3X8ISO10642
X	=	92
Y	=	ø 20
kg		~0,084

Haltekraft / *Holding force*
80N = 8daN (~8 kg)

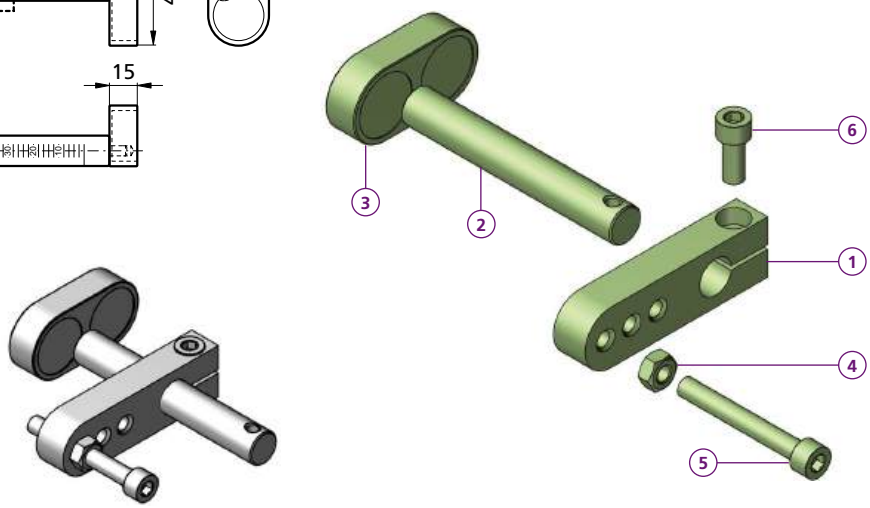
FAUM2070S		
1	1x	FA2070
2	1x	FAD2092S
3	1x	MG2570
4	1x	M6ISO4032
5	1x	**M6X35ISO4762**
6	1x	**M5X14ISO4762**
7	1x	M5X16ISO10642
X	=	95
Y	=	ø 25
kg		~0,1





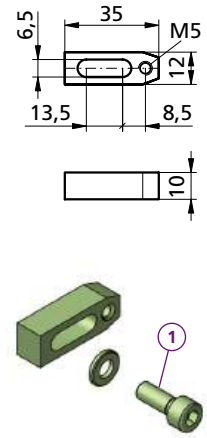
Haltekraft / *Holding force*
120N = 12daN (~12 kg)

FAUM2070US		
1	1x	FA2070
2	1x	FAD1280
3	1x	FUSSUS
4	1x	M6ISO4032
5	1x	**M6X35ISO4762**
6	1x	**M5X14ISO4762**
kg		~0,146



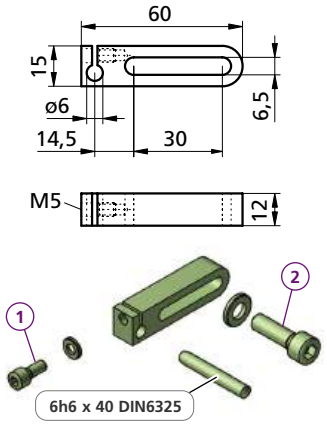
Bestellbeispiel *Ordering example* : FAUM2070US

Fräsanschlag / *Milling buffer*



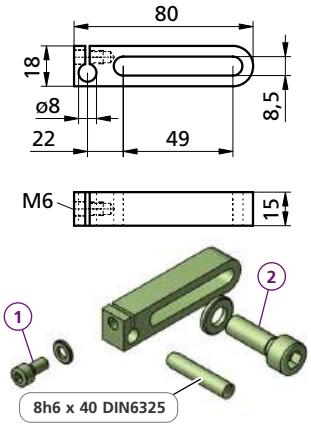
FA1240

1	1x	M6X18ISO4762
kg		~0,024



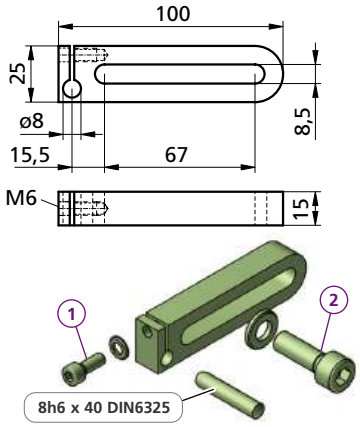
FA1260

1	1x	M5X12ISO4762
2	1x	M6X20ISO4762
kg		~0,07



FA1280

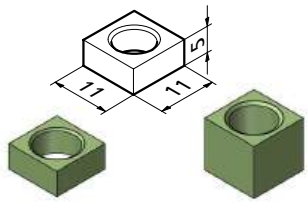
1	1x	M6X12ISO4762
2	1x	M8X25ISO4762
kg		~0,014



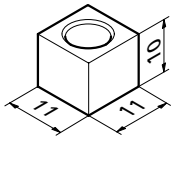
FA12100

1	1x	M6X16ISO4762
2	1x	M8X25ISO4762
kg		~0,022

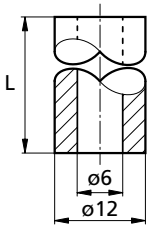
Distanzbüchse zu Fräsanschlag
Spacers for workpiece stop

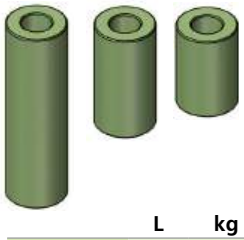


CCD005



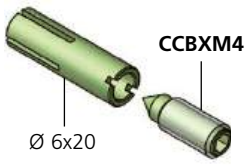
CCD010





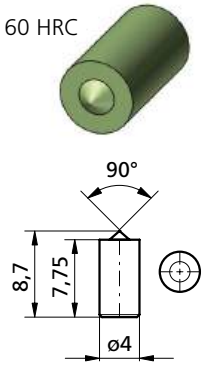
	L	kg
FAD12018	18	~0,012
FAD12023	23	~0,016
FAD12040	40	~0,026

Positionierstift (spreizbar)
Locating pin *(expandable)*

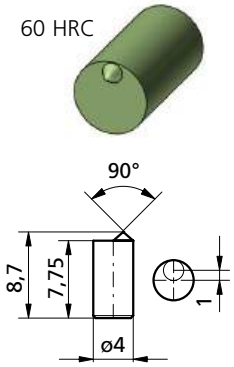


CCBX0802

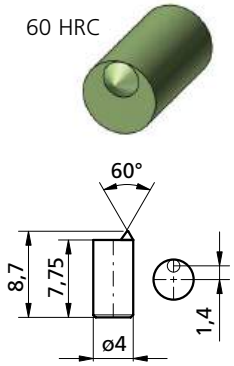
Druckstift / *Gripping pins*



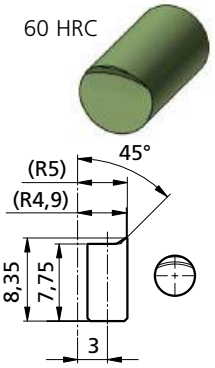
DS0402-90°



DSE0402-90°



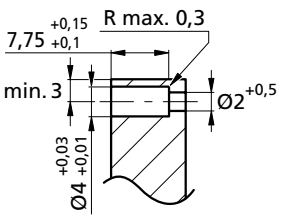
DSE0402-60°



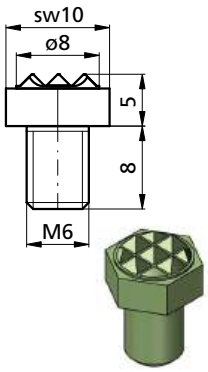
DSE0402-BS

Einbauanleitung
Installation guide

Bohrung vorbereiten
Preparation of drill-hole
Einkleben mit / *Glue with*
Loctite 641

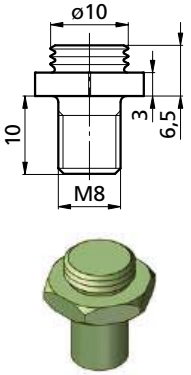


Hartmetalldruckstück
Carbide gripper



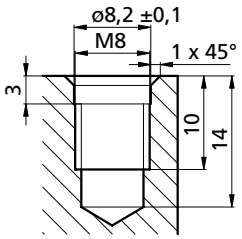
CCHMR

Prägespannschraube
Stamping roll screw

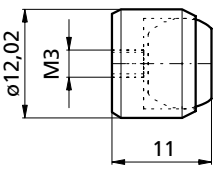


PRG1003M8

Bohrbild
Hole pattern



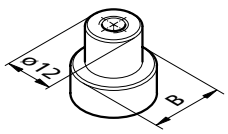
Kugeldruckstück
Gripper



CCPD

CCPDR

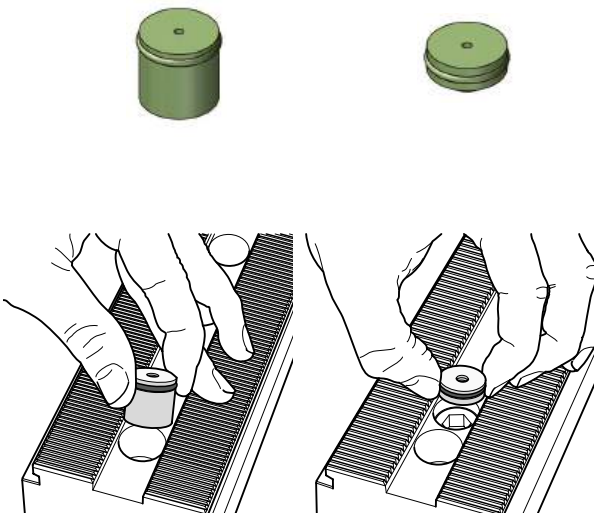
Ausrichtzapfen für T-Nuten
Alignment-pins for t-slots



	B
TWADAPT10	10
TWADAPT12	12
TWADAPT14	14
TWADAPT16	16
TWADAPT18	18
TWADAPT20	20
TWADAPT22	22

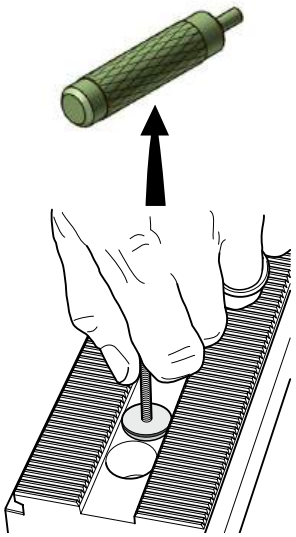
Bestellbeispiel / *Ordering example*: FA1240

Stopfen (Ø19 L18) (Ø19 L6)
Plug



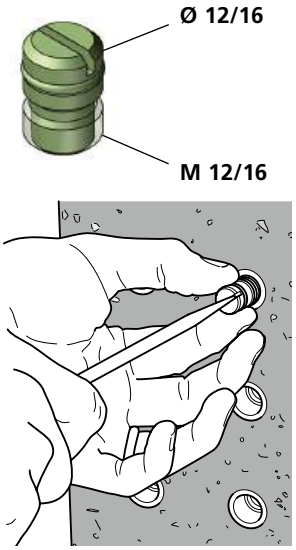
PCPF16L18 PCPF16L6

Auszieher
Extractor



PCAZM3

Stopfen
Plug

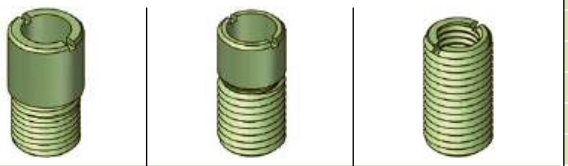


CCPF12ALU / CCPF16ALU

Spannschrauben (Nitriert)
Clamping screw *(Nitrided)*

	für/*for*	kg
M8x20ISO4762NQ	B60	~0,012
M10x25ISO4762NQ	B80	~0,024

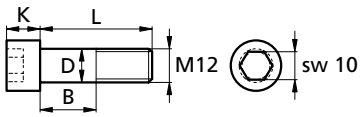
Reduktionshülsen für Rasterplatte ***Reduction sleeve for grid plate***



RD18M1612M12 RD16M1612M12 RD16M12

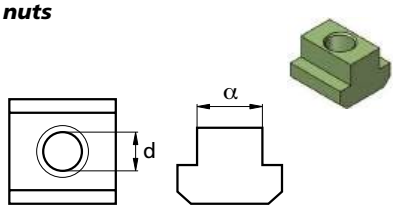
Passschrauben / ***Fitting screw***

M5 / M6 / M12 / M16



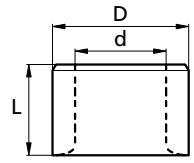
	D	G	L	B	K	sw	Nm	kg
MS50	5 f7	M5	17	9	5	4	4,5	~0,004
MS60	6 f7	M6	17	9	6	5	8	~0,006
TWPAS1227	12 g7	M12	27	14	12	10	60	~0,038
TWPAS1232	12 g7	M12	32	19	12	10	60	~0,042
TWPAS1240	12 g7	M12	40	20	12	10	60	~0,048
TWPAS1250	12 g7	M12	50	30	12	10	60	~0,058
TWPAS16055	16 f7	M16	55	30	15,8	14	150	~0,120

T-Nuten Steine / ***T-slot nuts***



	d	α	kg
SM1135 M06X08			~0,012
SM1135 M06X10			~0,012
SM1135 M08X10			~0,012
SM1135 M08X12			~0,022
SM1135 M08X14			~0,04
SM1135 M10X12			~0,02
SM1135 M10X14			~0,038
SM1135 M12X14			~0,045
SM1135 M12X16			~0,045
SM1135 M12X18			~0,078
SM1135 M12X20			~0,13
SM1135 M12X22			~0,188
SM1135 M14X16			~0,188
SM1135 M14X18			~0,188
SM1135 M16X18			~0,068
SM1135 M16X20			~0,11
SM1135 M18X20			~0,11
SM1135 M18X22			~0,15
SM1135 M18X22			~0,15
SM1135 M20X22			~0,15
SM1135 M20X24			~0,23
SM1135 M24X28			~0,31

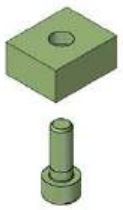
Bohrbüchsen
Position case

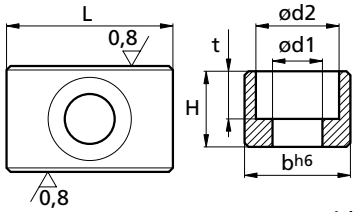


	L	D	d
CCBUE121812	12	18,0	12,0
CCBUE1218512	12	18,5	12,0
CCBUE121912	12	19,0	12,0
CCBUE162616	16	26,0	16,0

Nutensteine, flach
Low slot tenons

Einsatzgehärtet, brüniert, geschliffen
Case-hardened, blackened, ground

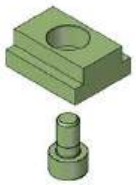


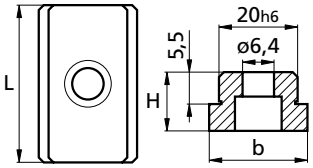


	b	H	L	d1	d2	t	inkl. Schrauben *incl. screws*	kg
SM1136- 12	8	20	5,5	10	5,3	M5x12	~0,019
SM1136- 14	10	22	6,6	11	6,3	M6x16	~0,021
SM1136- 16						M6x16	~0,026
SM1136- 18						M6x16	~0,03
SM1136- 20						M6x16	~0,034

Nutensteine, fest
Fixed slot tenons

Einsatzgehärtet, brüniert, geschliffen
Case-hardened, blackened, ground

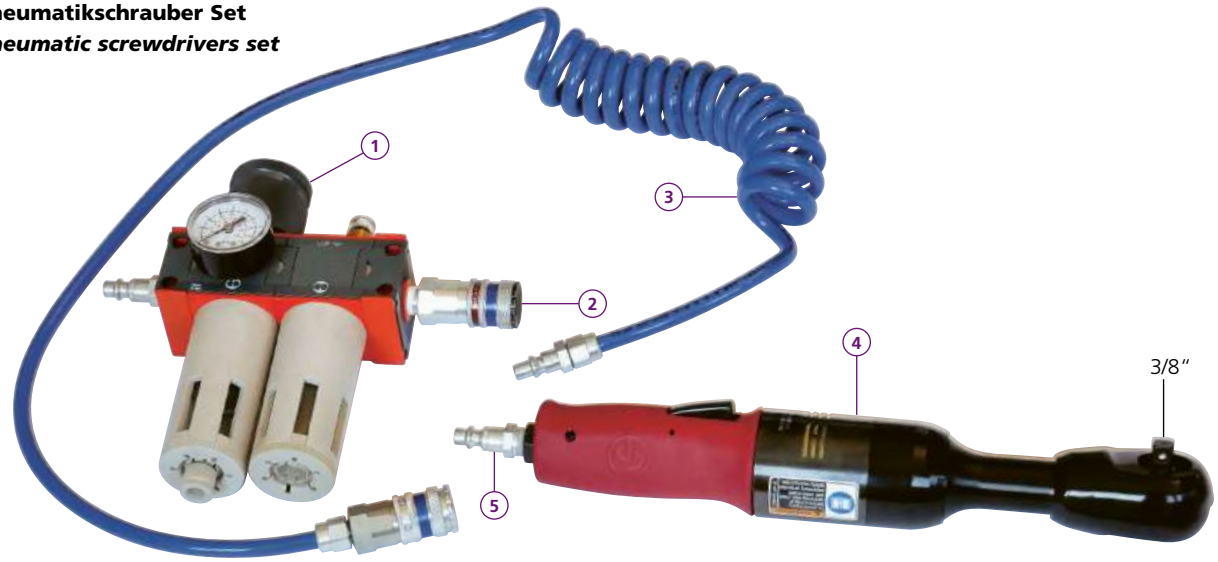




	H	L	b	Nutenmass *slot size*	inkl. Schrauben *incl. screws*	kg
NT2012	10	22	12	20	M6x10	~0,022
NT2014		25	14	20	M6x10	~0,026
NT2016			16	20	M6x10	~0,028
NT2018			18	20	M6x10	~0,03
NT2022	12	32	22	20	M6x12	~0,05
NT2024			24	20	M6x12	~0,055

Bestellbeispiel / ***Ordering example*: PCPF16L18Alu**

Pneumatikschrauber Set
Pneumatic screwdrivers set



	RP9431SET
1	1x P1H-200-M3QG
2	1x 103002152 (SERIE 300) 1/4"
3	1x 199589977 (5 x 8 mm, 300, 2 m)
4	1x RP9431
5	2x 103105152 1/4"
kg	~1,5

Drehmomenttabelle / *Torque table*	Druck / *Compression* (bar)	Nm
	6	50
Schlauchdurchmesser 8 mm	5,5	45
Luftverbrauch 2,5 L Sek	5	40
	4,5	35
Hose diameters 8 mm	4	30
Air consumption 2,5 L sec	3,5	25
	3	20

mit Feder gehalten, nicht magnetisch
spring locked, not magnetic

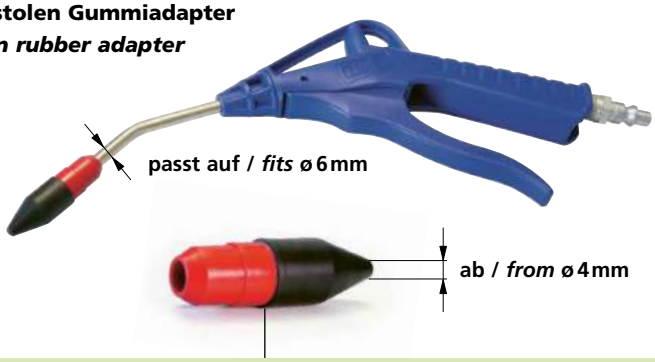
Triag Bit

mit Feder gehalten, nicht magnetisch
spring locked, not magnetic

siehe Video
see video

Triag Bitburr

Luftpistolen Gummiadapter
Air gun rubber adapter



ARA14

Einsätze zu Bitburr
Inserts for Bitburr

TC10

BitF63 Ø 6,3-90°

BIT-KH

BitF104 Ø 10,4-90°

BIT-BF

BitF165 Ø 16,5-90°

Magnethalter
Magnetic holder

Smiley

Einsatz für Triva Bit
Insert for Triva Bit

BitT

Bestellbeispiel / *Ordering example*: RP9431SET

Drehmomentschlüssel
Torque wrench

SL3	**20-200 Nm (1/2")**

Steckschlüsseleinsatz
Socket wrench insert

Torx

Sechskanteinsatz
Hexagon insert

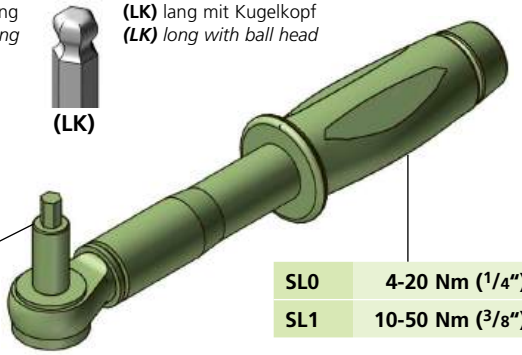
NUSS3/8"TX30E14	für / *for*	**MCZ, ZSX, ZSM, ZSB, PCZ**
NUSS1/4"4.5MM	4,5 mm	für / *for* **MCZ40L30, UB5AXSET3, PCZ80L40PRG62**
NUSS1/4"5.5MM	5,5 mm	

Sechskantstifteinsatz
Hexagonal socket wrench

(L) lang
(L) *long*

(LK) lang mit Kugelkopf
(LK) *long with ball head*

(LK)



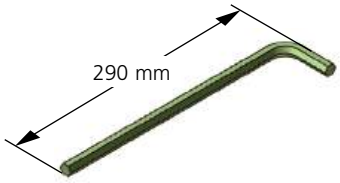
NUSS1/4"4MM	4 mm	**NUSS3/8"6MM**	
NUSS1/4"5MM	5 mm	**NUSS3/8"6MML**	6 mm
NUSS1/4"6MM	6 mm	**NUSS3/8"6MMLK**	
NUSS1/4"8MM	8 mm	**NUSS3/8"8MM**	
		NUSS3/8"8MML	8 mm
		NUSS3/8"8MMLK	
NUSS3/8"5MM		**NUSS3/8"10MM**	
NUSS3/8"5MML	5 mm	**NUSS3/8"10MML**	10 mm
NUSS3/8"5MMLK		**NUSS3/8"10MMLK**	

SL0	**4-20 Nm (1/4")**
SL1	**10-50 Nm (3/8")**

Spannschlüssel
Clamping wrench

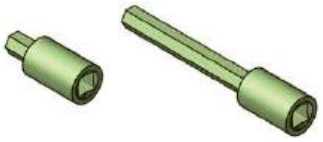
02613160	4 mm
02613164	5 mm
02613168	6 mm
02613172	8 mm
02613176	10 mm

Langer Spannschlüssel
Long clamping wrench



ISL10	**sw** = 10 mm
ISL14	**sw** = 14 mm

Sechskantstifteinsatz
Hexagonal socket wrench



NUSS1/2"8MM	**NUSS1/2"14MML**
NUSS1/2"10MM	
NUSS1/2"14MM	

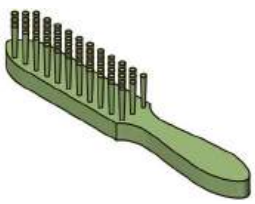
AD-BIT-1/4-1/4

AD-BIT-1/4-3/8

3D Mess-Gelenkstativ
Articulated indicator holders

	Aktionsradius / *Operating radius*
MGMS08130	130 mm
MGSS08130	130 mm
MGMS08280	280 mm

Messingdrahtbürste
Brass wire brush



PCMB4

Triag Ei

Bestellbeispiel / *Ordering example* : SL3