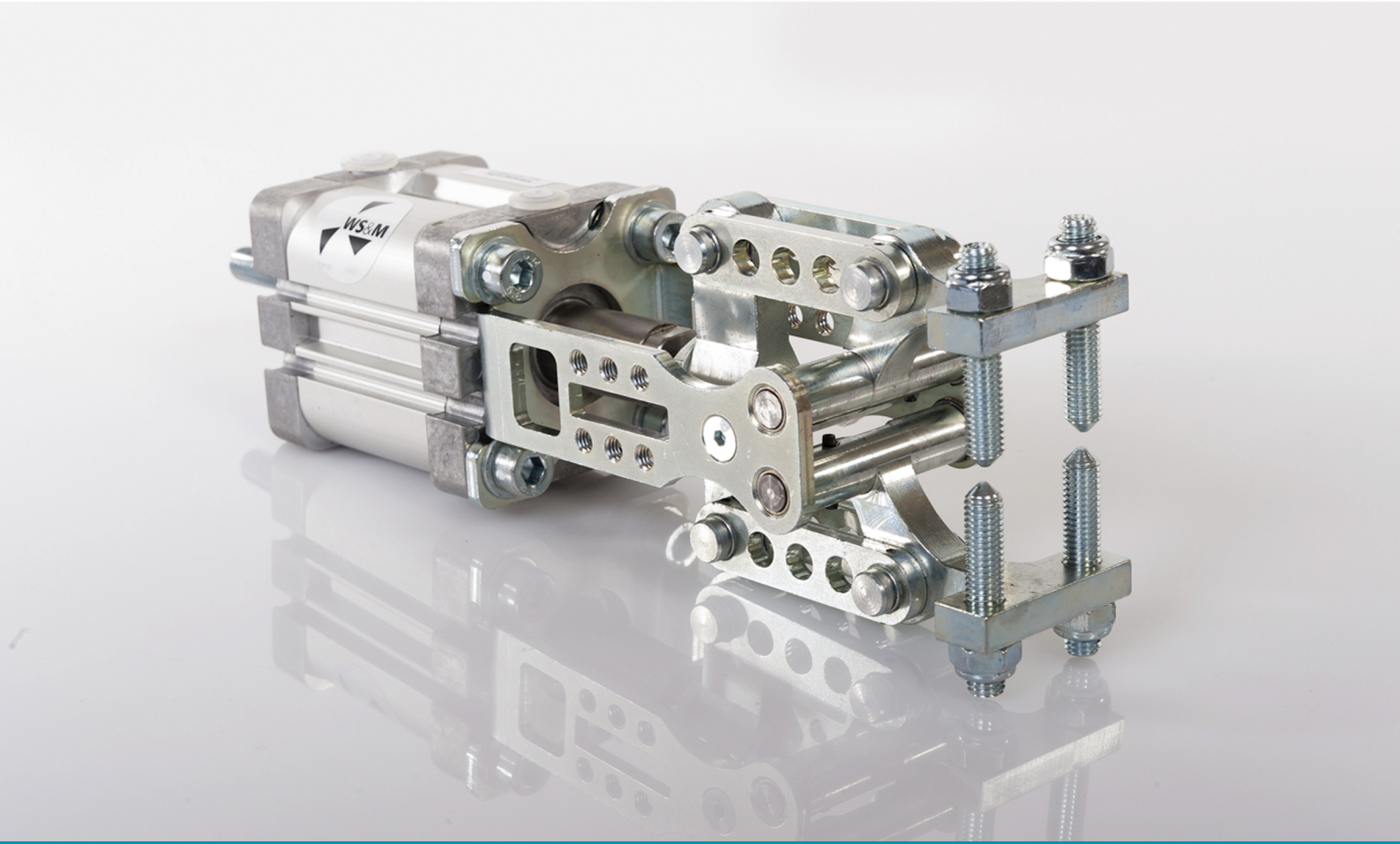
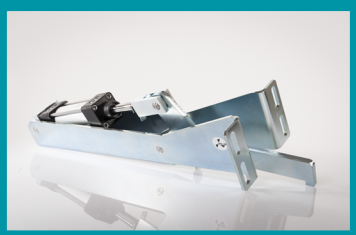
WS&M
Part of NEU Company

Katalog 2020

Catalogue 2020





TÜV CERT DIN EN ISO 9001 : 2000

www.wsm-gripper.com

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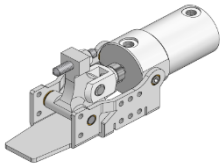
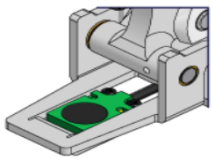
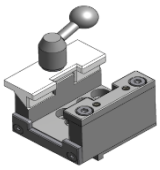
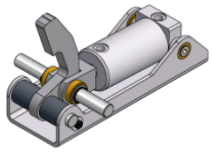
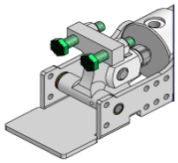
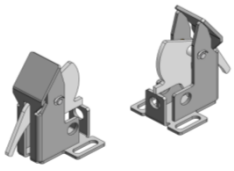
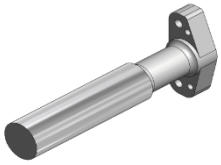
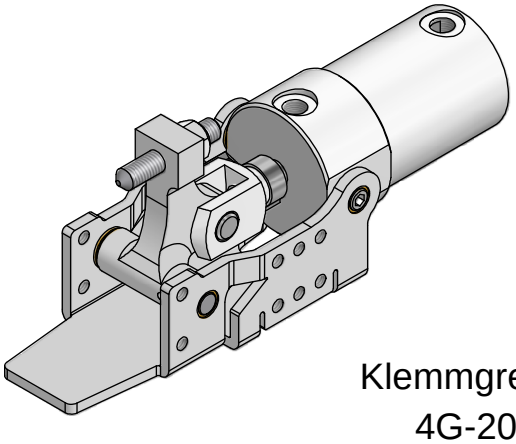
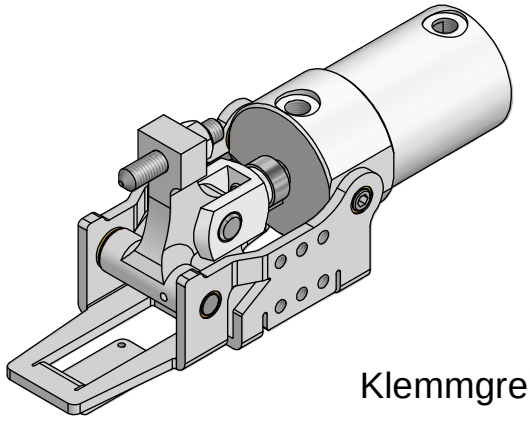
	**Klemmgreifer**	1
	**Sensoren**	10
	**Greiferbefestigung Handspanner**	17
	**Teileheber**	29
	**Zubehör für Teileheber und Klemmgreifer**	42
	**Anschläge**	54
	**Markierstempelkonsole Monatsstempelhalter**	66



Klemmgreifer
4G-20227



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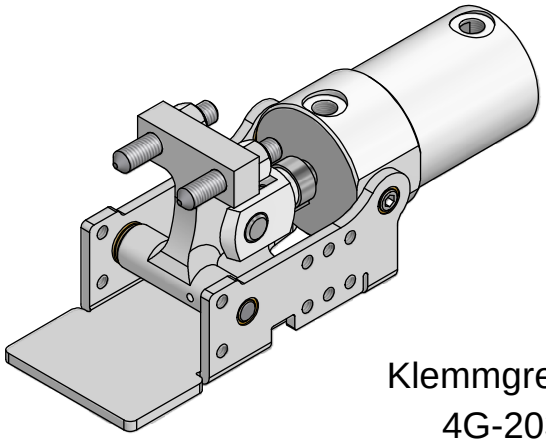
4G-20228-S



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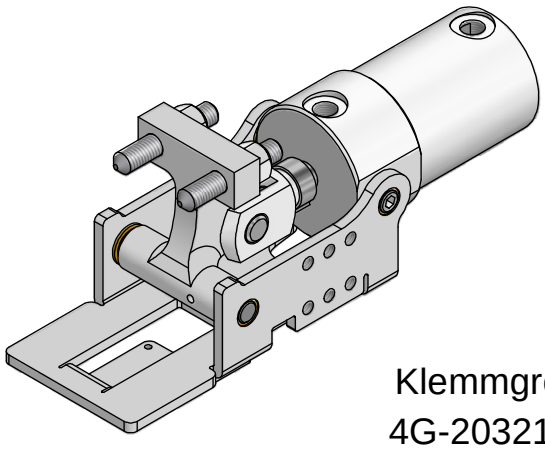
4G-20320



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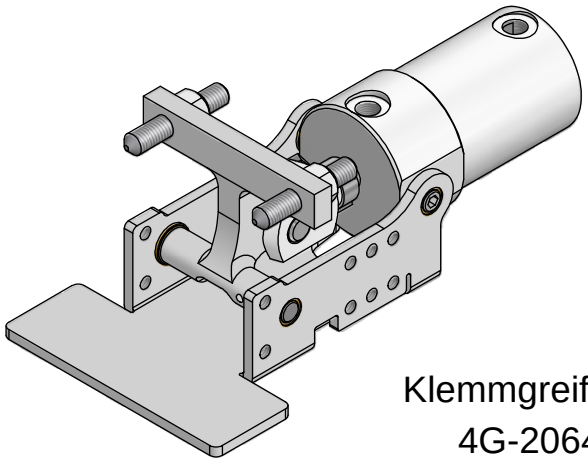
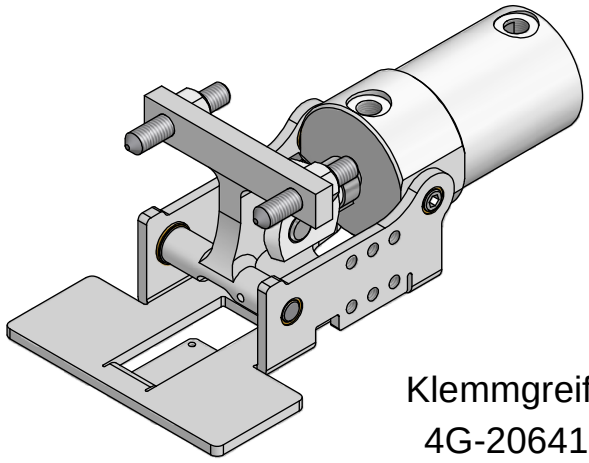


Klemmgreifer
4G-20640



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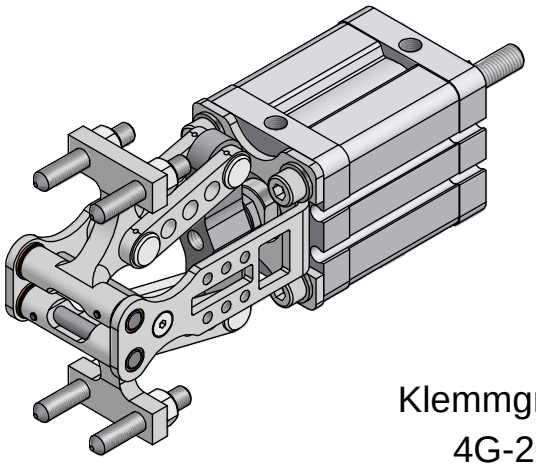
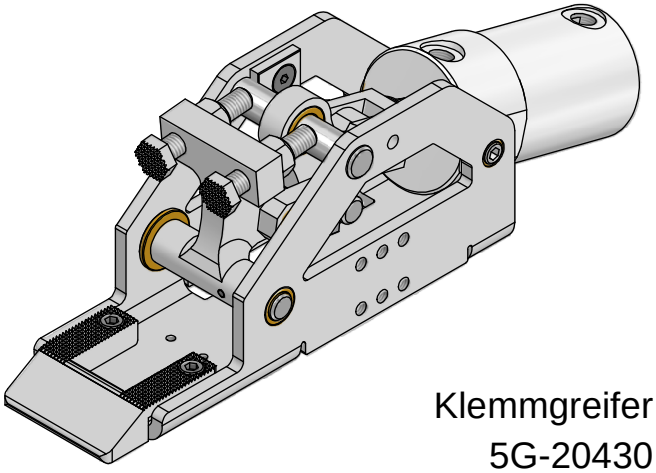
4G-20641-S

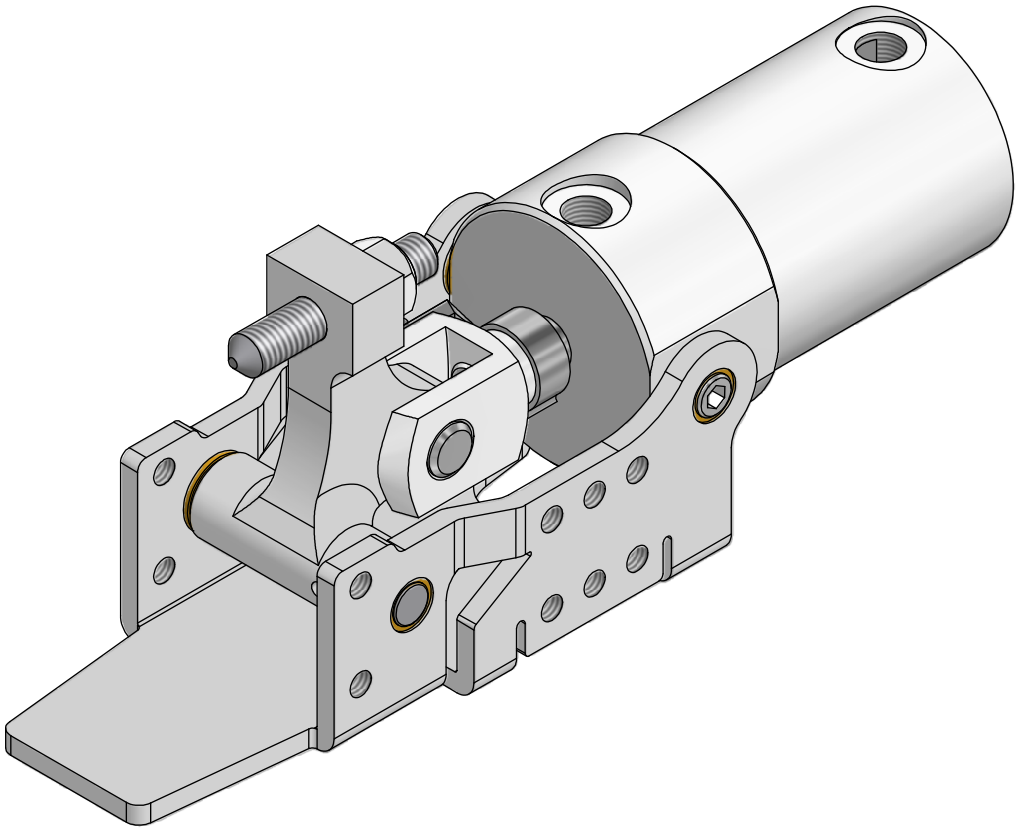


Klemmgreifer
4G-20510

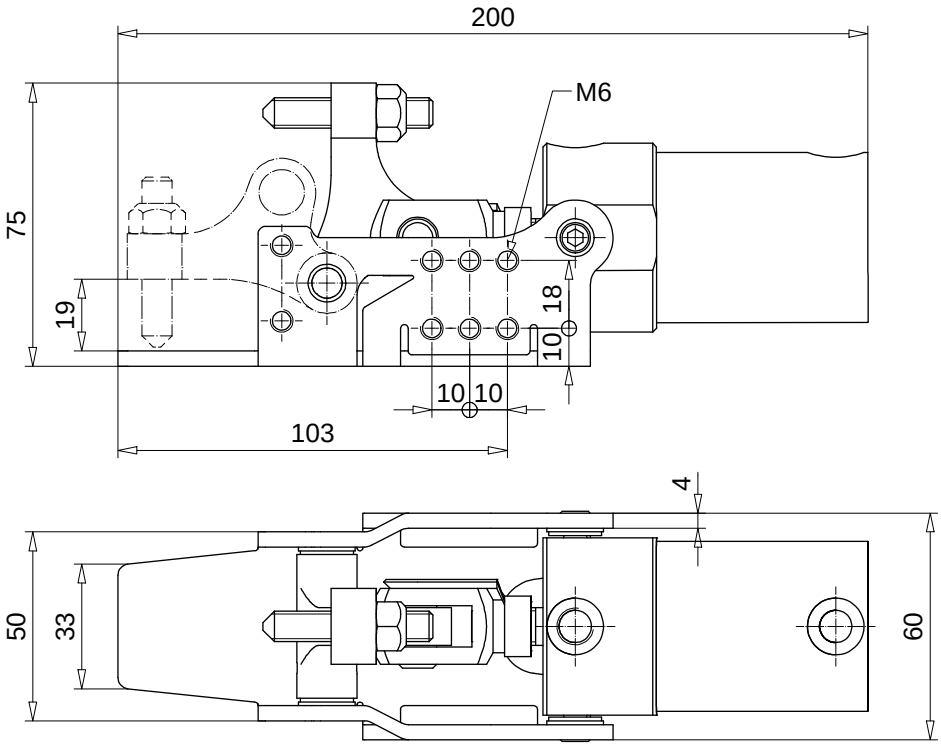


Klemmgreifer
5G-20430

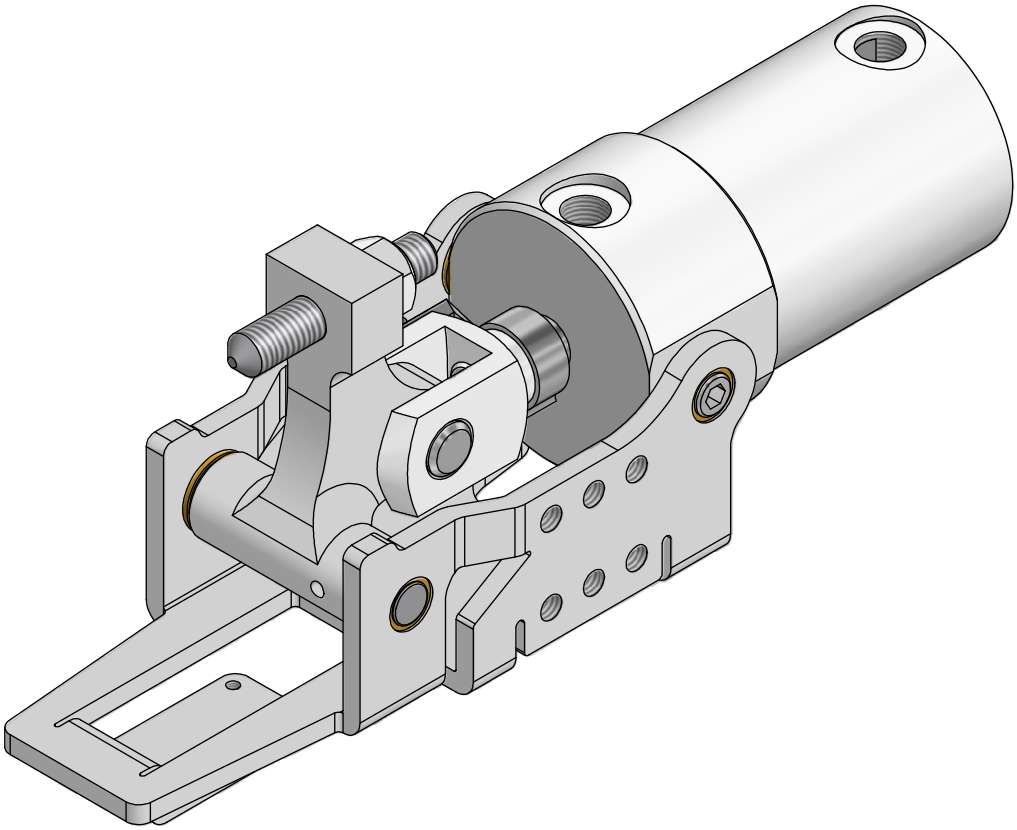
WS&M Produktübersicht Klemmgreifer	Datum	WS&M	Klemmgreifer 4G-20xxx + 5G-20430
	20.07.15		



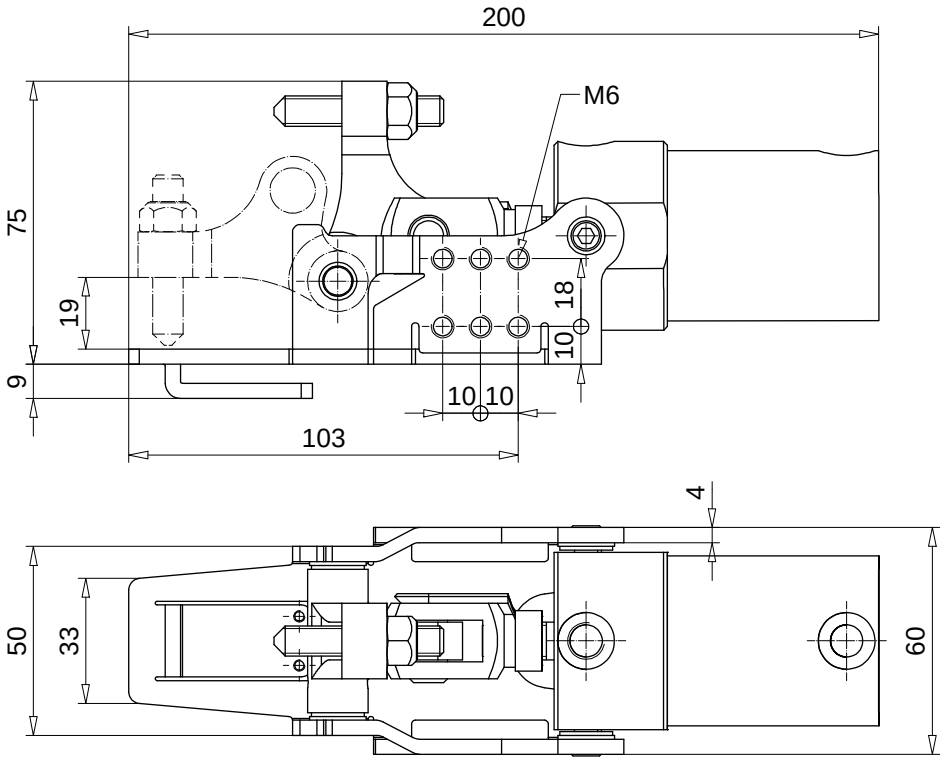
Klemmgreifer
4G-20227



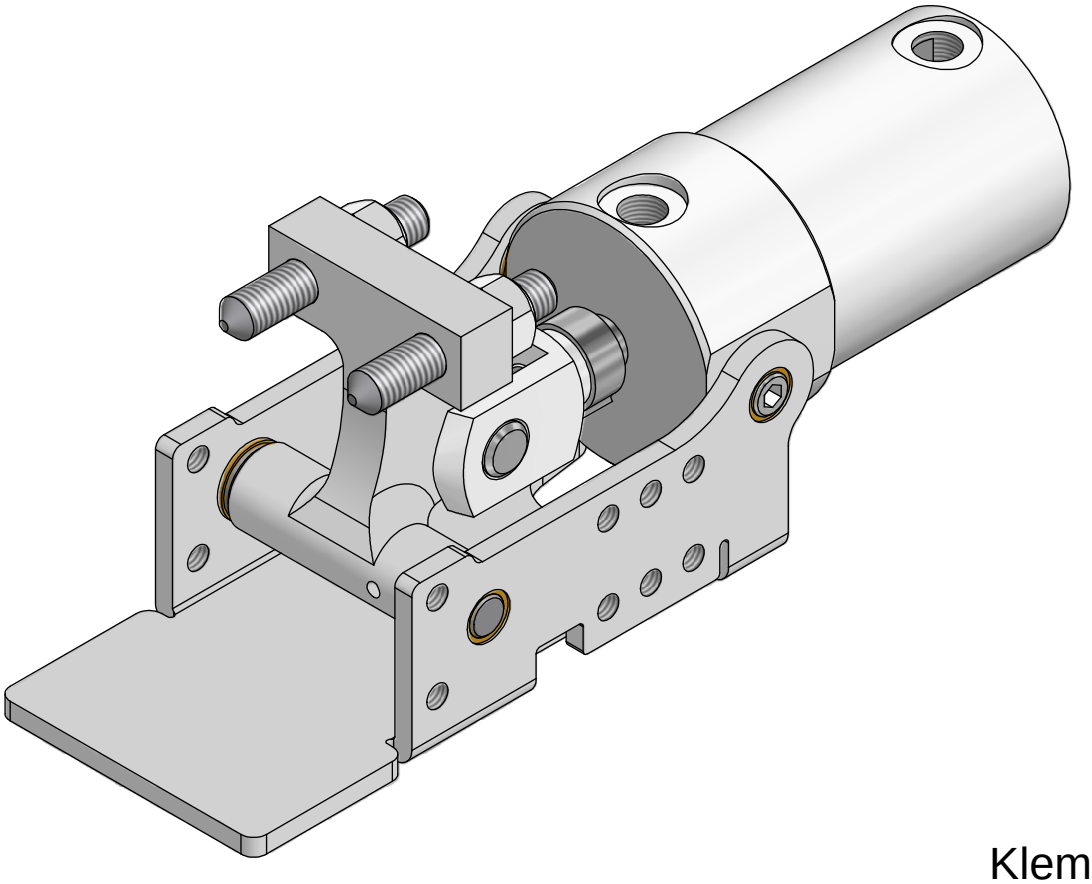
Luftanschluß	G 1/8"	Klemmkraft bei 6 bar	350N	Knd.-Nr.	F 33 26 0085
Betriebsdruck	max. 10 bar	Gewicht	0,80kg		
WS&M Klemmgreifer		Datum	WS&M	Klemmgreifer 4G-20227	
		20.07.15			



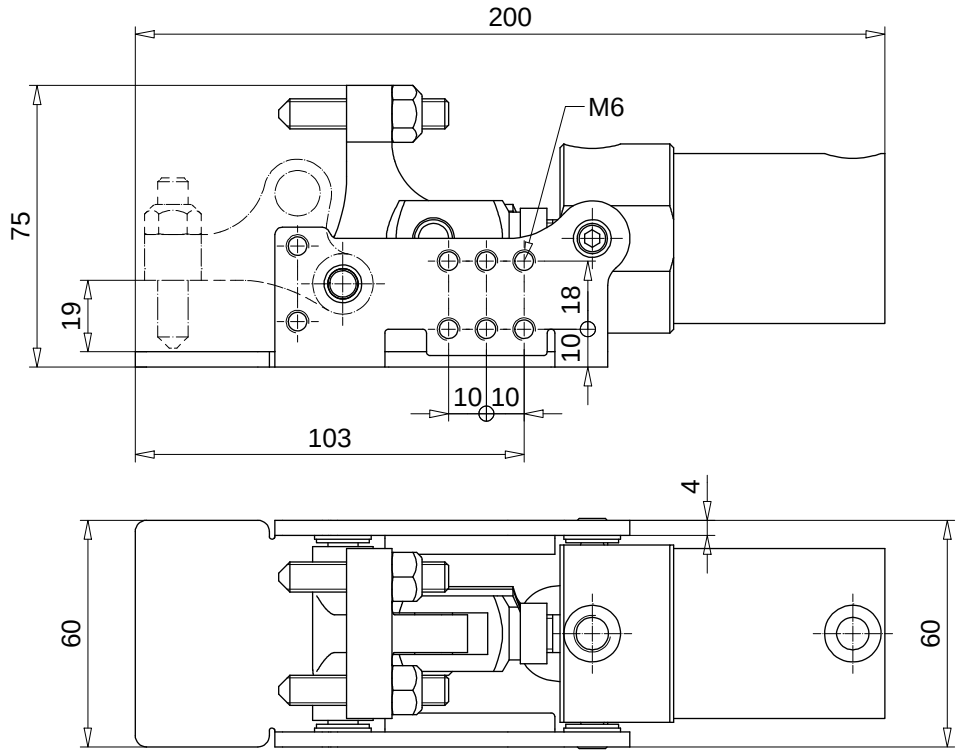
Klemmgreifer
4G-20228-S



Luftanschluß	G 1/8"	Klemmkraft bei 6 bar	350N	Knd.-Nr.	F33 26 0086
Betriebsdruck	max. 10 bar	Gewicht	0,81kg		
WS&M Klemmgreifer		Datum	WS&M	Klemmgreifer 4G-20228-S	
		25.07.15			



Klemmgreifer
4G-20320



Luftanschluß	G 1/8"	Klemmkraft bei 6 bar	350N	Knd.-Nr.	F 33 26 0087
Betriebsdruck	max. 10 bar	Gewicht	0,90kg		
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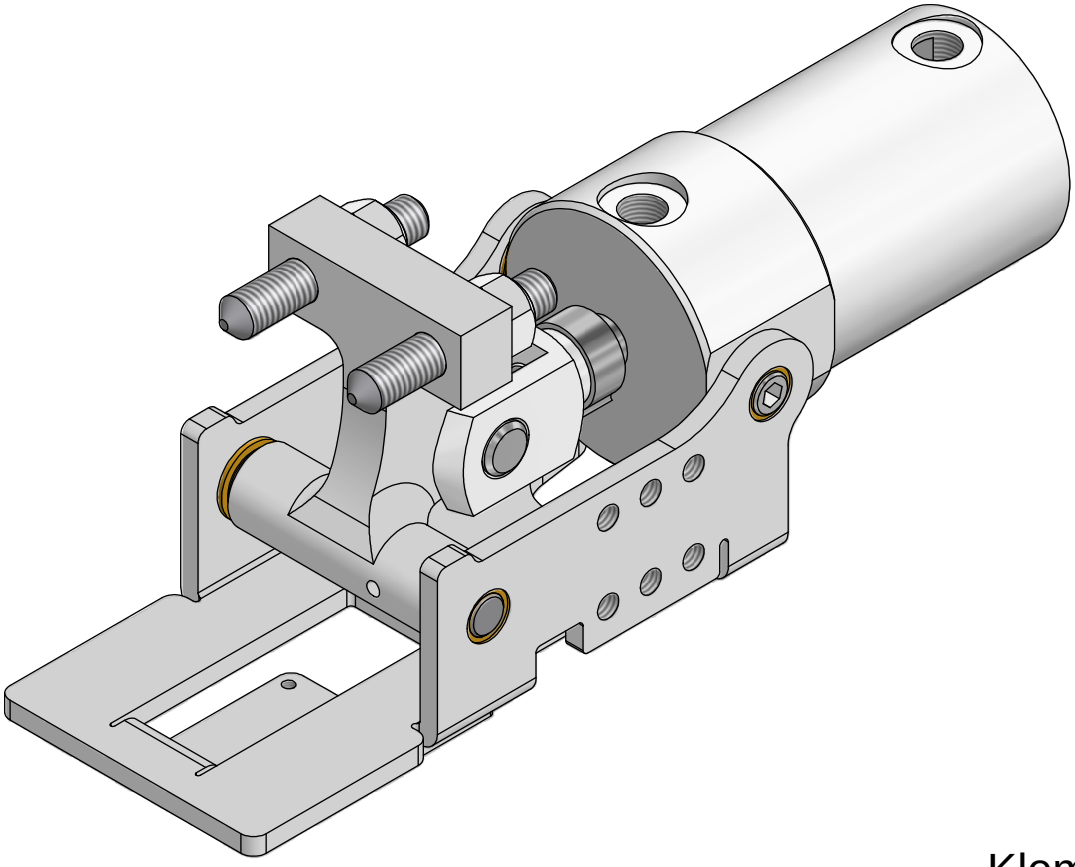
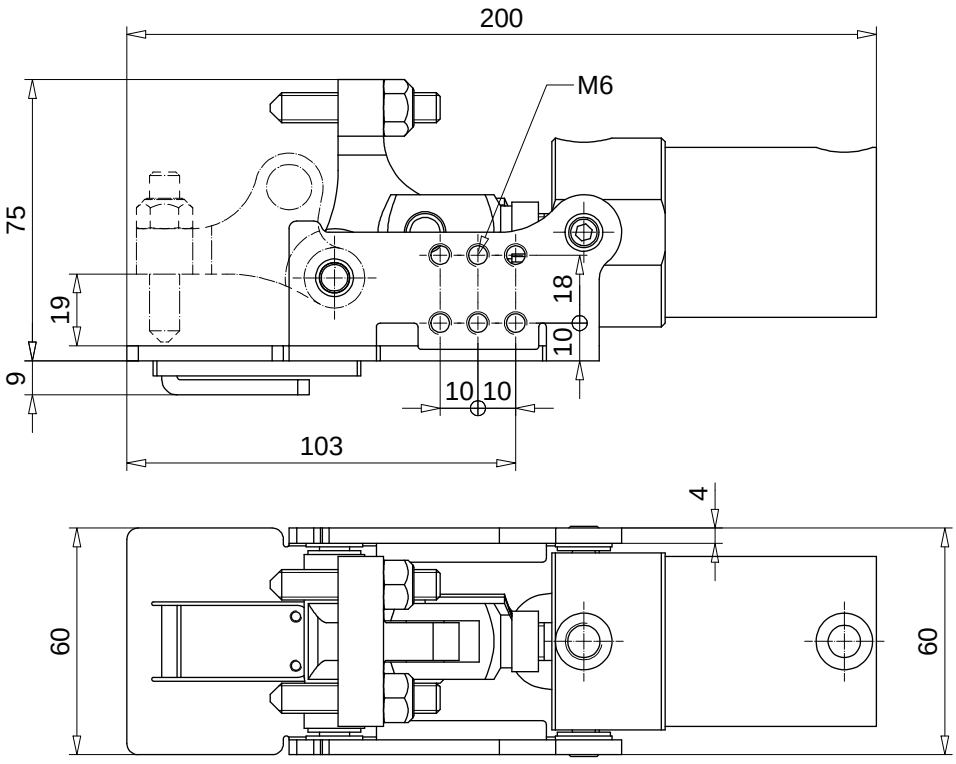
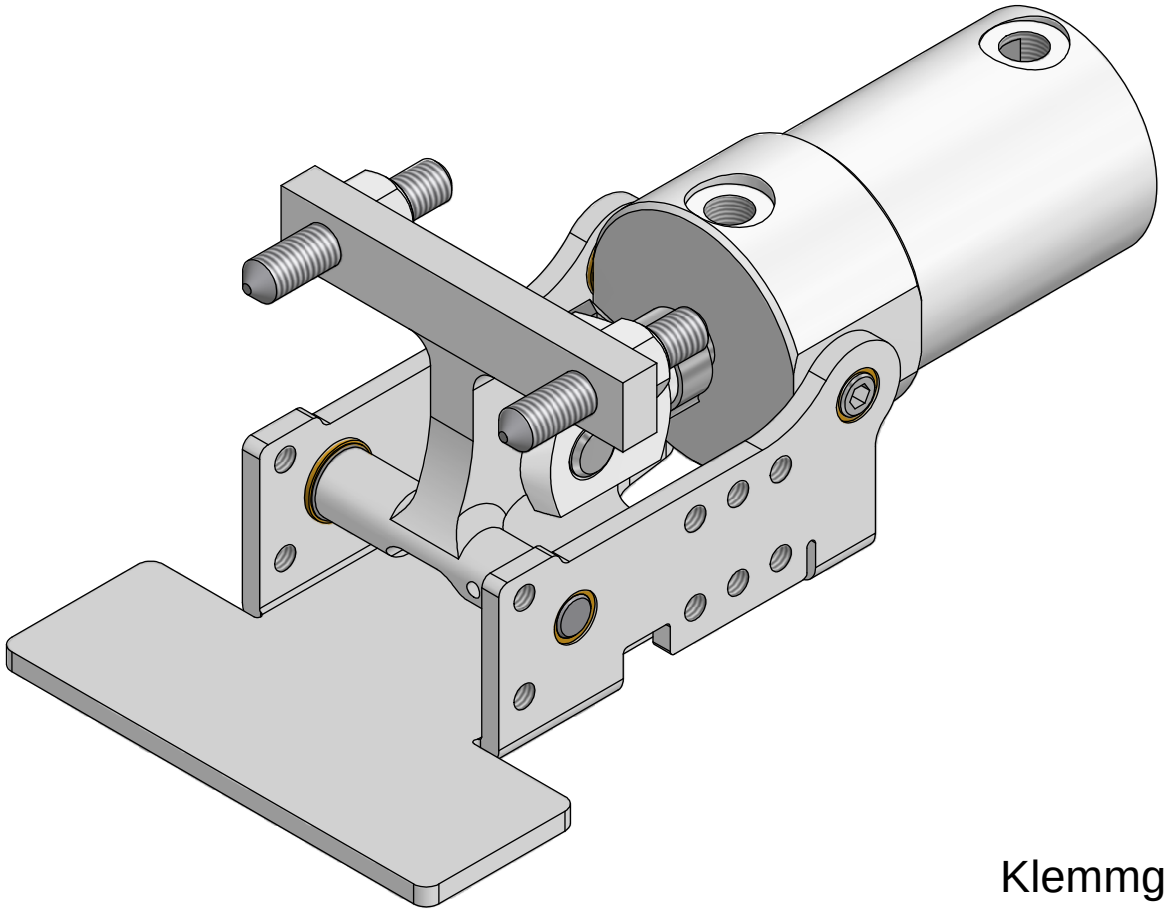
		20.07.15			



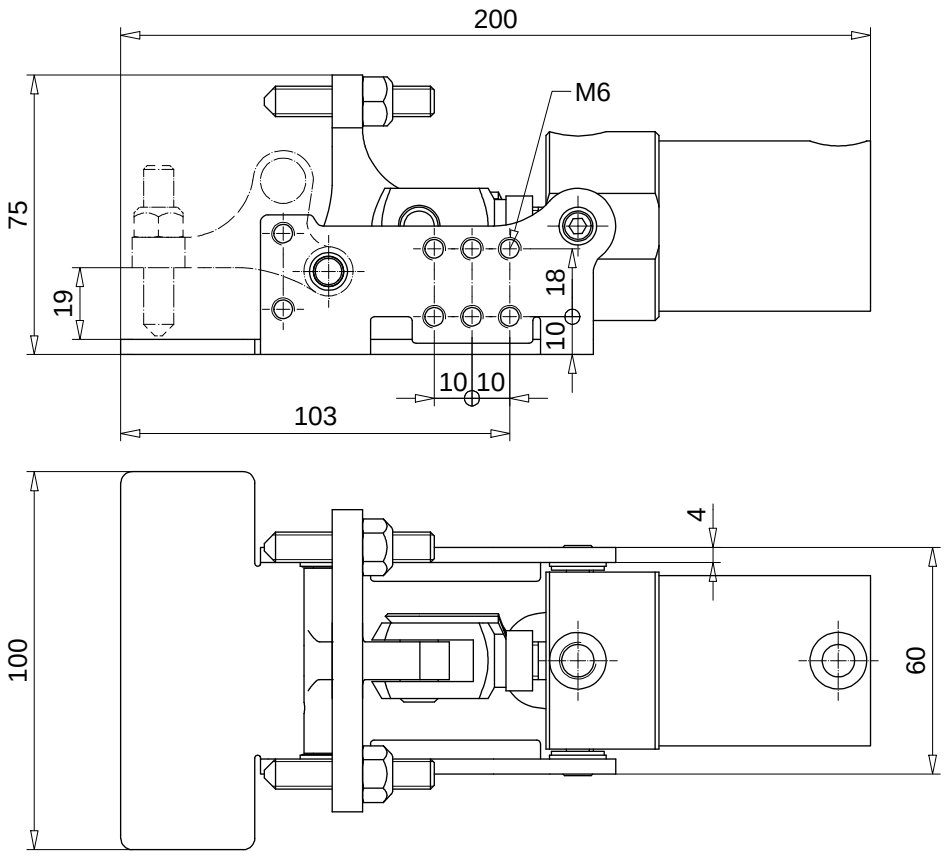
Klemmgreifer
4G-20321-SV



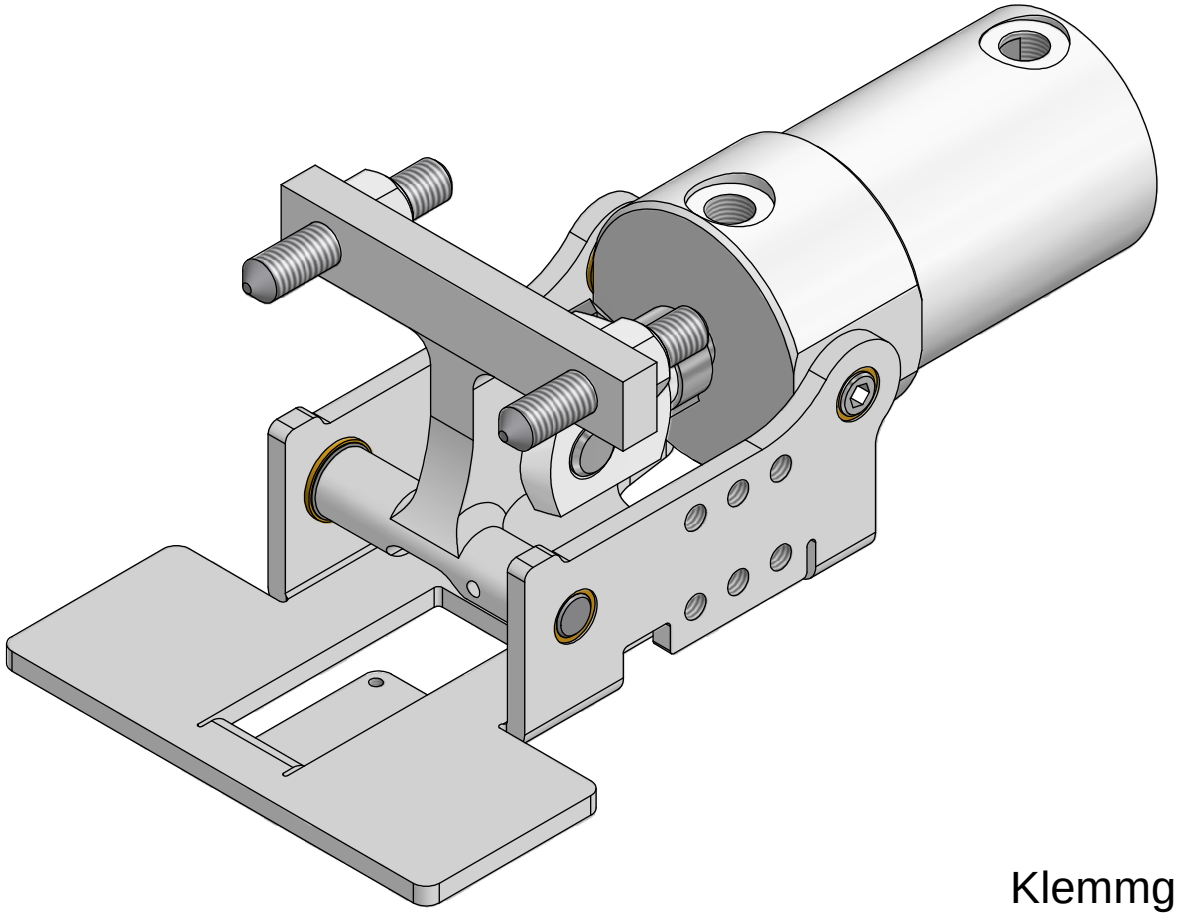
Luftanschluß	G 1/8"	Klemmkraft bei 6 bar	350N	Knd.-Nr.	F33 26 0088
Betriebsdruck	max. 10 bar	Gewicht	0,95kg		
WS&M Klemmgreifer		Datum	WS&M	Klemmgreifer 4G-20321-SV	
		20.07.15			



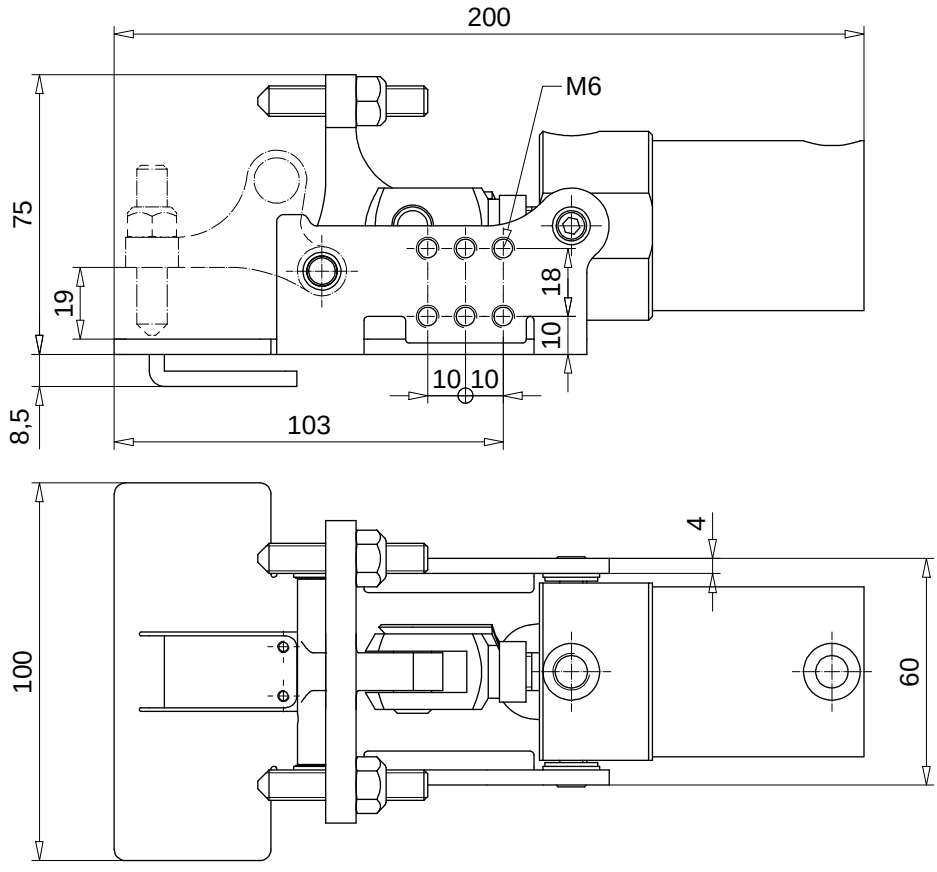
Klemmgreifer
4G-20640



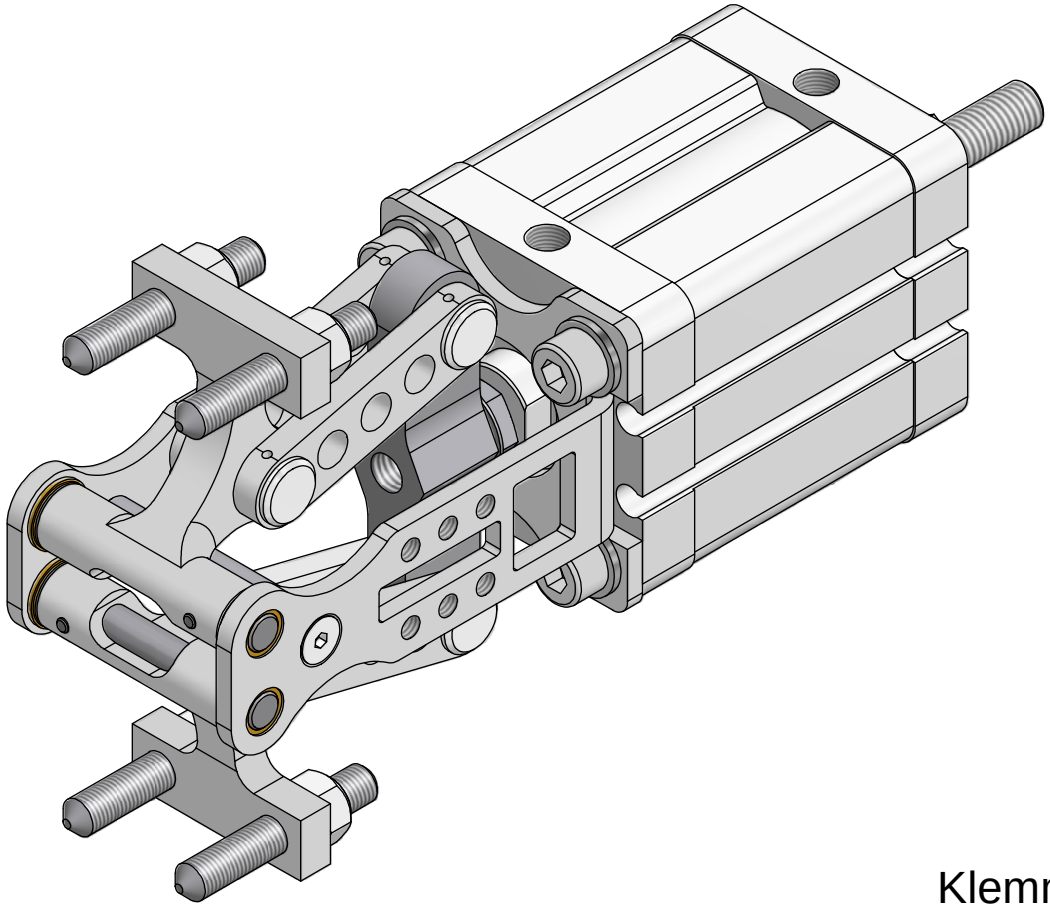
Luftanschluß	G 1/8"	Klemmkraft bei 6 bar	350N	Knd.-Nr.	
Betriebsdruck	max. 10 bar	Gewicht	1kg		
WS&M Klemmgreifer		Datum	WS&M	Klemmgreifer 4G-20640	
		20.07.15			



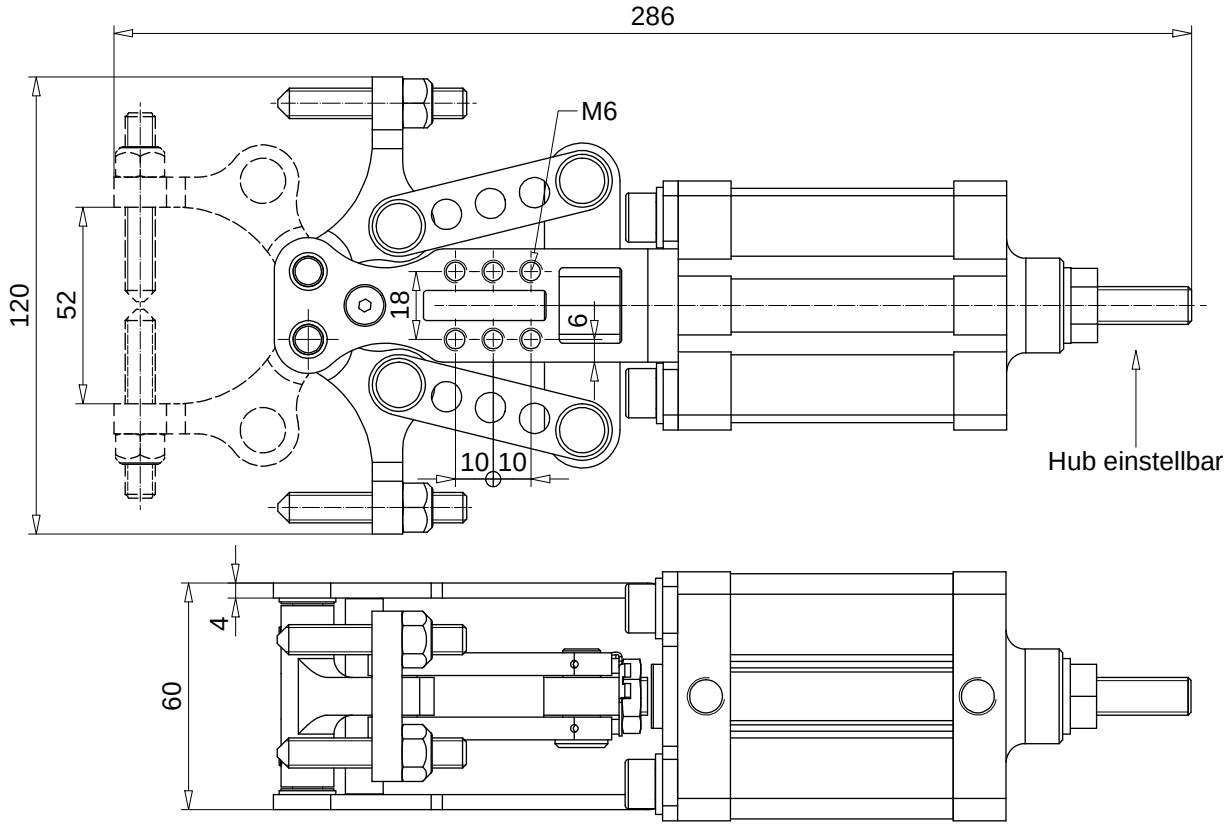
Klemmgreifer
4G-20641-S



Luftanschluß	G 1/8"	Klemmkraft bei 6 bar	350N	Knd.-Nr.	F 33 26 0089
Betriebsdruck	max. 10 bar	Gewicht	0,90kg		
WS&M Klemmgreifer		Datum	WS&M	Klemmgreifer 4G-20641-S	
		20.07.15			



Klemmgreifer
4G-20510



Luftanschluß	G 1/8"	Klemmkraft bei 6 bar	280N	Knd.-Nr.	F 33 26 0090
Betriebsdruck	max. 10 bar	Gewicht	1,6kg		
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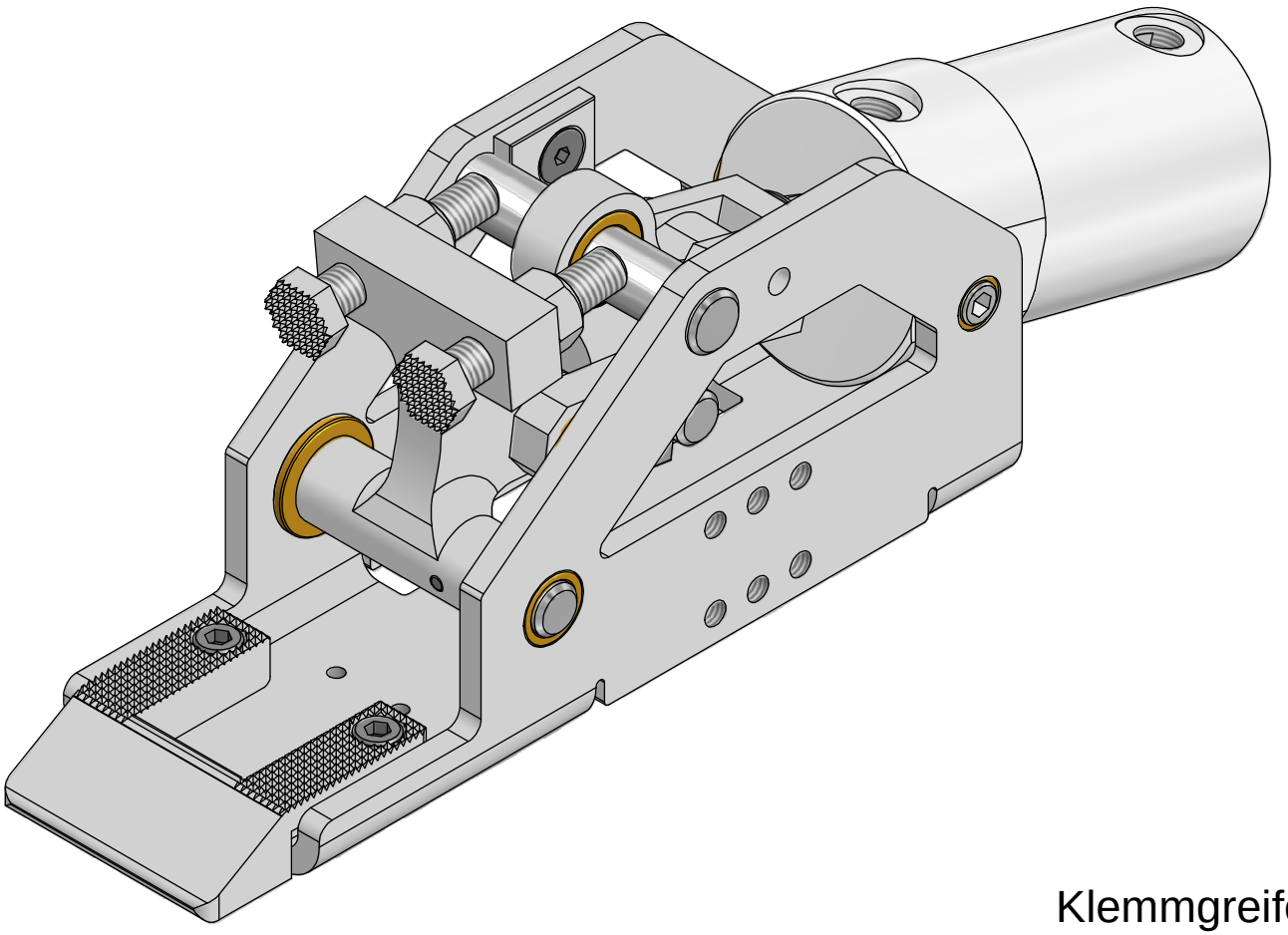
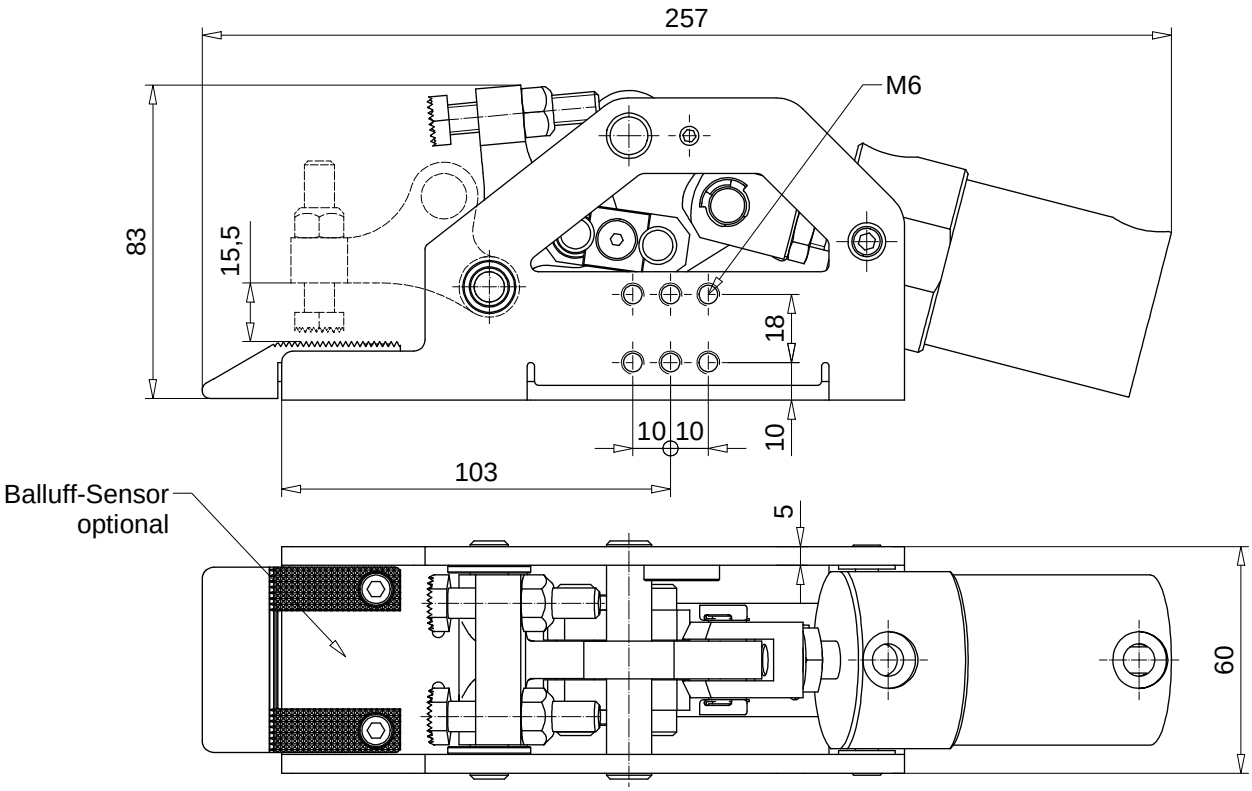


Klemmgreifer
5G-20430



Luftanschluß	G 1/8 "	Klemmkraft bei 6 bar	2000 N	Kunden-Nr.	F 33 26 0058
Betriebsdruck	max. 10 bar	Gewicht	1,75 kg		
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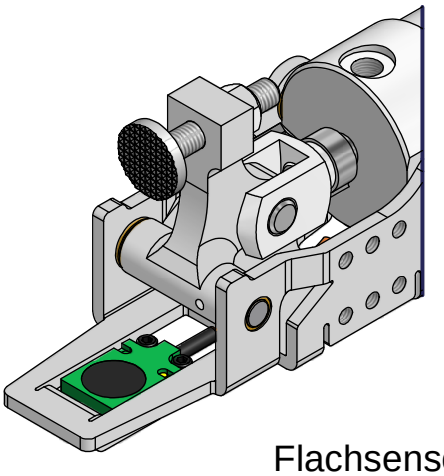
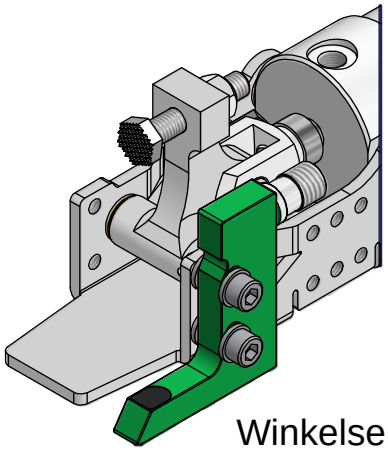
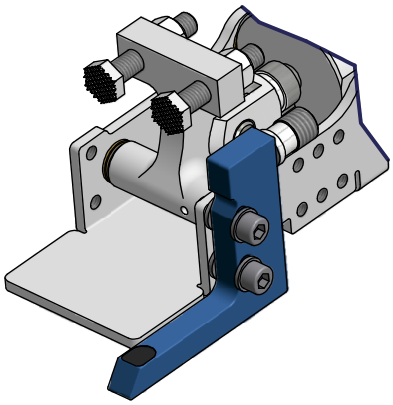


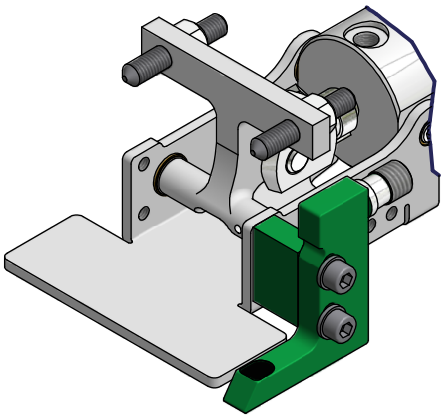
Flachsensor, induktiv



Winkelsensor, optisch

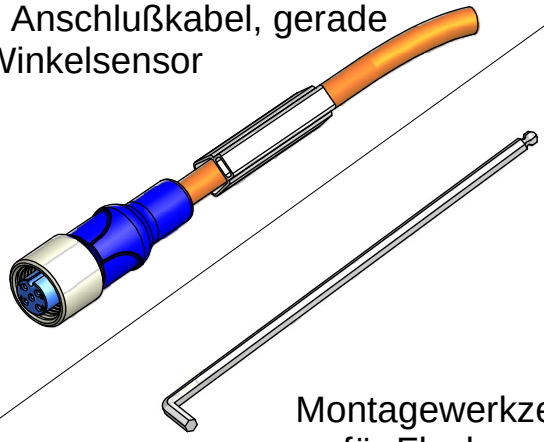


Winkelsensor, optisch



Winkelsensor, optisch

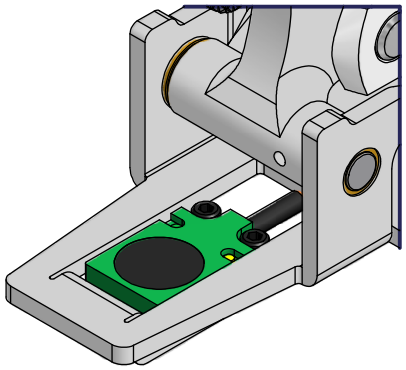
M12 Anschlußkabel, gerade
für Winkelsensor



Montagewerkzeug
für Flachsensor

Induktiver Flachsensor :

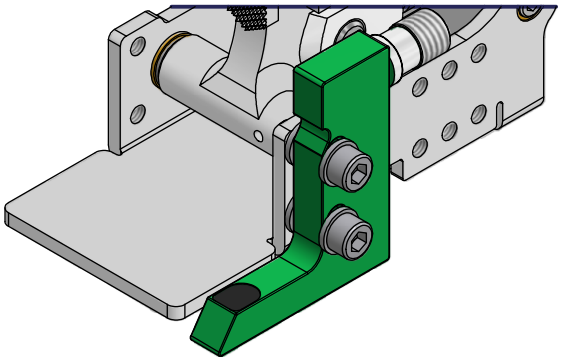
Montagesatz für Greifer 4G-20228-S, 4G-20321-S, 4G-20641-S



Lieferumfang	Stck.	Art.-Nr.	F-Nr.
induktiver Flachsensor ZG-20213	1	ZG-20214	F 33 26 0091
Zylinderschraube	2		
Sicherungsscheibe	2		

Optischer Winkelsensor :

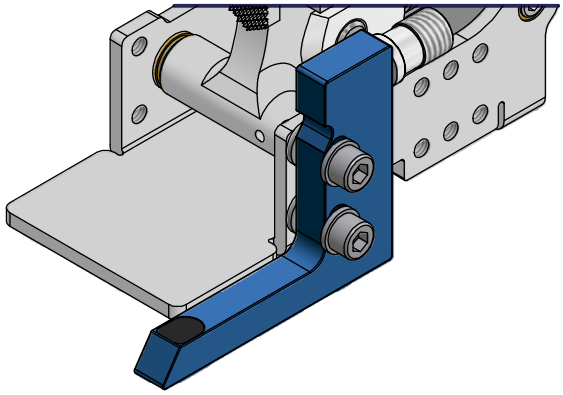
Montagesatz für Greifer 4G-20227, 4G-20320, 4G-20640



Lieferumfang	Stck.	Art.-Nr.	F-Nr.
optischer Winkelsensor ZG-20201	1	ZG-20220	F 33 26 0092
U-Scheibe	4		
Zylinderschraube	2		
Mutter selbstsichernd	2		

Optischer Winkelsensor mit verlängertem Schenkel :

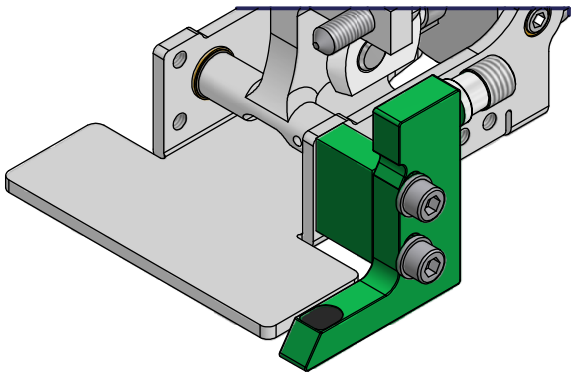
Montagesatz für Greifer 4G-20227, 4G-20320, 4G-20640



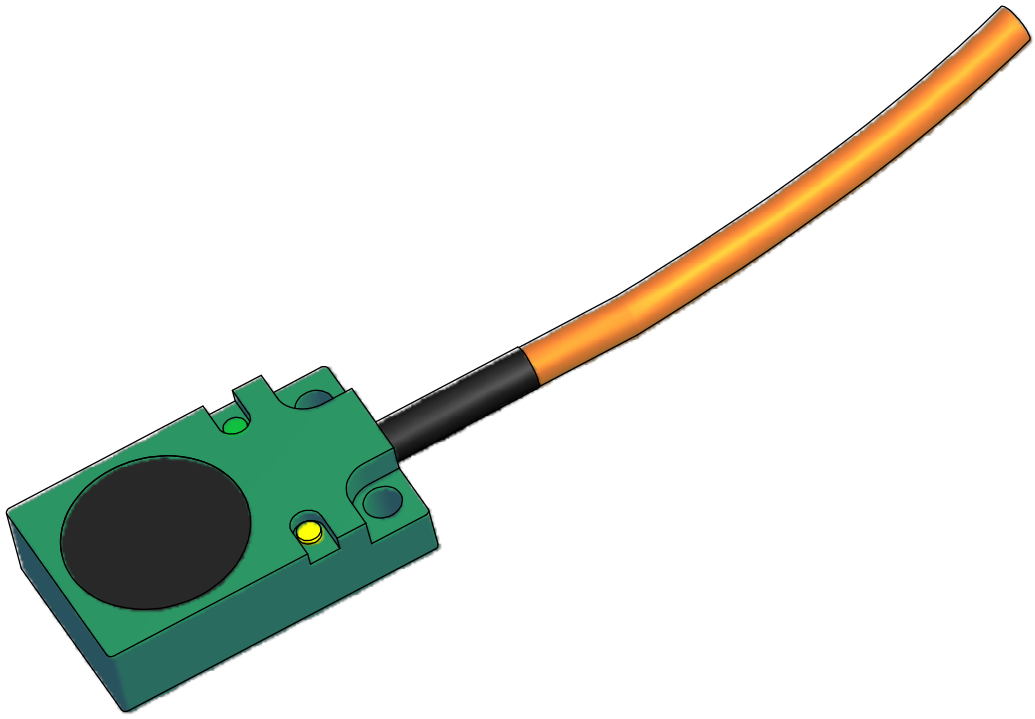
Lieferumfang	Stck.	Art.-Nr.	F-Nr.
optischer Winkelsensor ZG-20301	1	ZG-20320	
Zylinderschraube	2		
U-Scheibe	2		
Mutter (selbstsichernd)	2		

Optischer Winkelsensor :

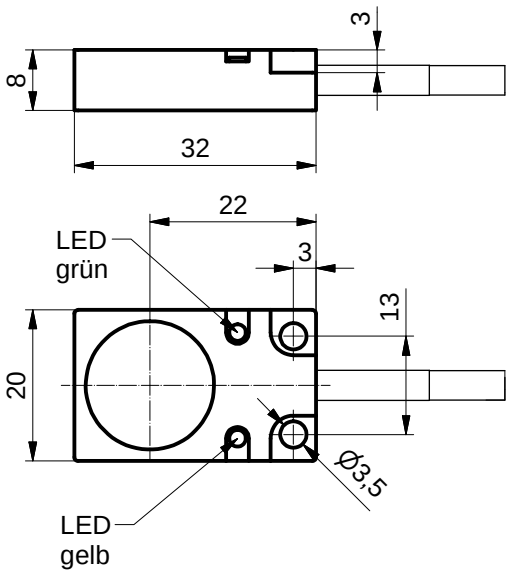
Montagesatz für Greifer 4G-20640



Lieferumfang		Stck.	Art.-Nr.	F-Nr.
optischer Winkelsensor ZG-20201	1		ZG-20250	F 33 26 0093
Zylinderschraube	2			
U-Scheibe	2			
Mutter (selbstsichernd)	2			
Distanzstück	1			



Induktiver Flachsensor
ZG-20214



Schaltabstand Sn : 8 mm

Technische Daten:

Versorgungsspannung	:	10-30 V DC
Ausgangsstrom	:	200 mA
Stromaufnahme	:	< 10 mA
Spannungsabfall (Ausgänge)	:	< 2 V
Reststrom (Ausgänge)	:	< 70 µA
Betriebstemperatur	:	-25 bis 70°C
Hysterese	:	3...15 %
Reproduzierbarkeit	:	< 5 %
Ausgänge	:	PNP NO
Frequenz	:	600Hz
Anschlußkabel	:	3x0,34mm²
Kabellänge	:	1,5 m

Normen und Schutzarten:

Kurzschluss- , Überlast- und Verpolungsschutz
EMV-Schutz IEC 61000-4-2 Stufe3
IEC 61000-4-4 Stufe3
IEC 61000-4-6 Stufe3

IP 67

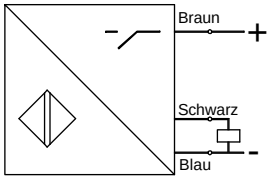
Material:

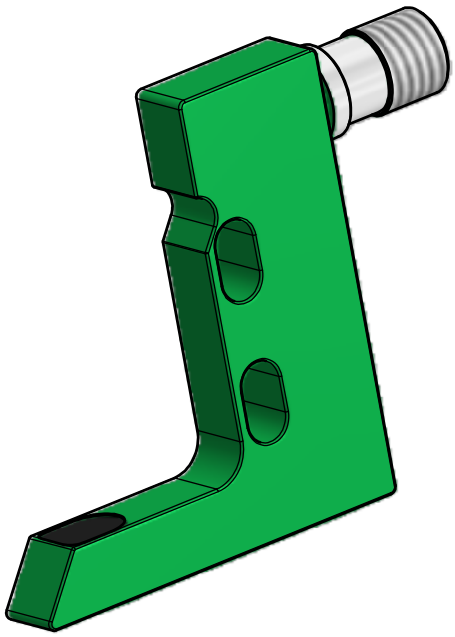
Gehäuse	:	Aluminium, grün eloxiert
aktive Sensorfläche	:	Polyamid
Kabel	:	PUR

Anzeige:

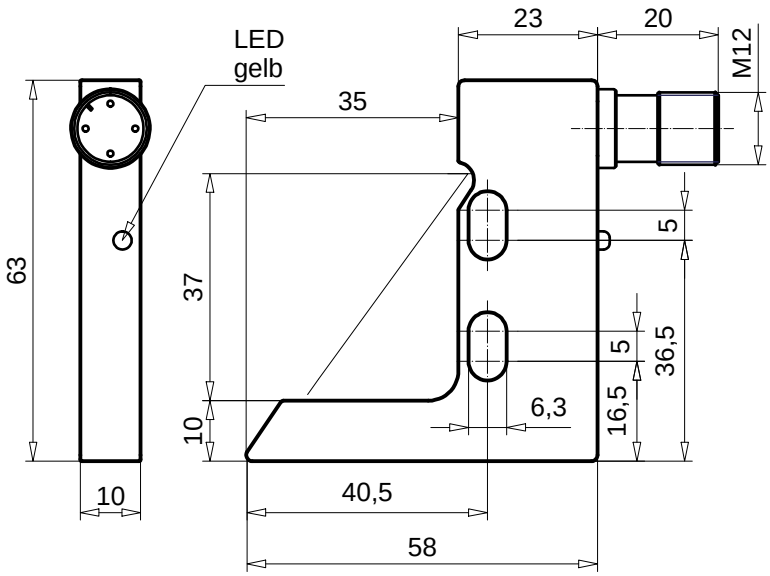
LED grün	:	Spannung Ein
LED gelb	:	Schaltzustand

Anschlussbild:
PNP NO





Optischer Winkelsensor
ZG-20201



Technische Daten:

Versorgungsspannung	: 10-30 V DC
Ausgangsstrom	: < 200 mA
Stromaufnahme	: < 30 mA
Spannungsabfall (Ausgänge)	: < 2 V
Reststrom (Ausgänge)	: < 70 µA
Betriebstemperatur	: 0 bis 55°C
Ausgänge	: PNP NO
Frequenz	: 100 Hz
Anschluß	: Stecker Typ M12

Normen und Schutzarten:

Kurzschluss- , Überlast- und Verpolungsschutz
Unterdrückung von Einschaltimpulsen
EMV-Schutz : IEC 61000-4-2 Stufe3
IEC 61000-4-4 Stufe3
IEC 61000-4-6 Stufe3
IP 67

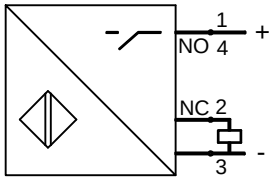
Material:

Gehäuse : Aluminium, grün eloxiert

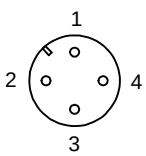
Anzeige:

LED gelb : Schaltausgang "EIN"

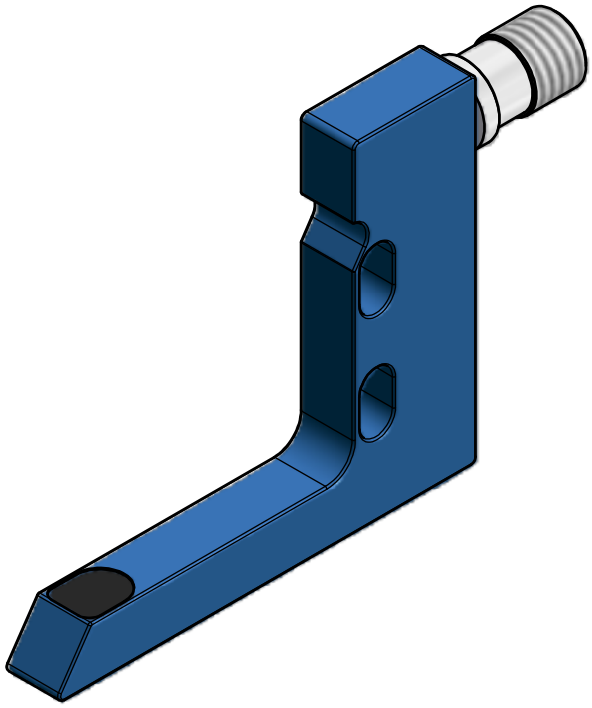
Anschlussbild:
PNP NO/NC



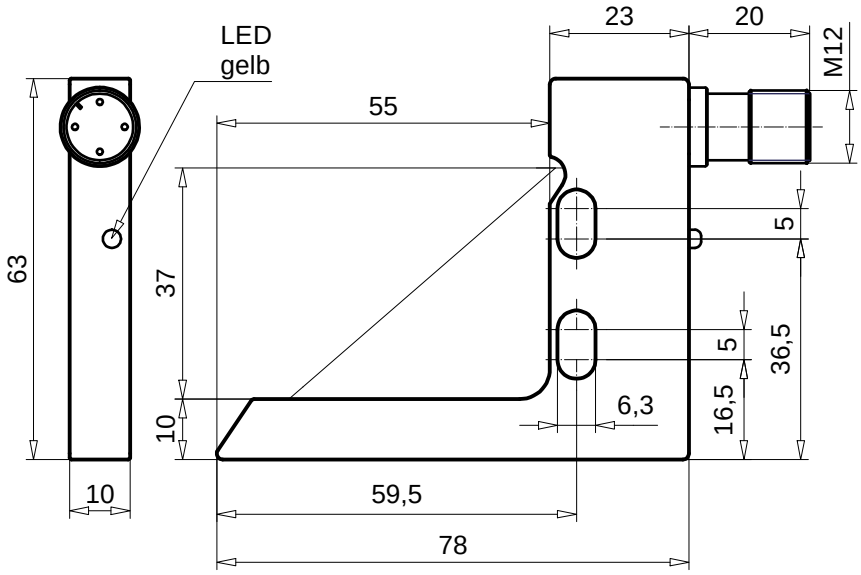
Kontakt-
belegung:



WS&M Klemmgreiferzubehör	Datum	WS&M	Optischer Winkelsensor ZG-20201
	20.07.15		



Optischer Winkelsensor mit verlängertem Schenkel ZG-20301



Technische Daten:

Versorgungsspannung		: 10-30 V DC
Ausgangsstrom		: < 200 mA
Stromaufnahme		: < 30 mA
Spannungsabfall	(Ausgänge)	: < 2 V
Reststrom	(Ausgänge)	: < 70 µA
Betriebstemperatur		: 0 bis 55°C
Ausgänge		: PNP NO
Frequenz		: 100 Hz
Anschluß		: Stecker Typ M12

Normen und Schutzarten:

Kurzschluss- , Überlast- und Verpolungsschutz
Unterdrückung von Einschaltimpulsen
EMV-Schutz : IEC 61000-4-2 Stufe3
IEC 61000-4-4 Stufe3
IEC 61000-4-6 Stufe3
IP 67

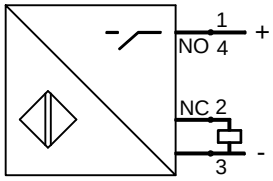
Material:

Gehäuse : Aluminium, blau eloxiert

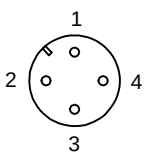
Anzeige:

LED gelb : Schaltausgang “EIN“

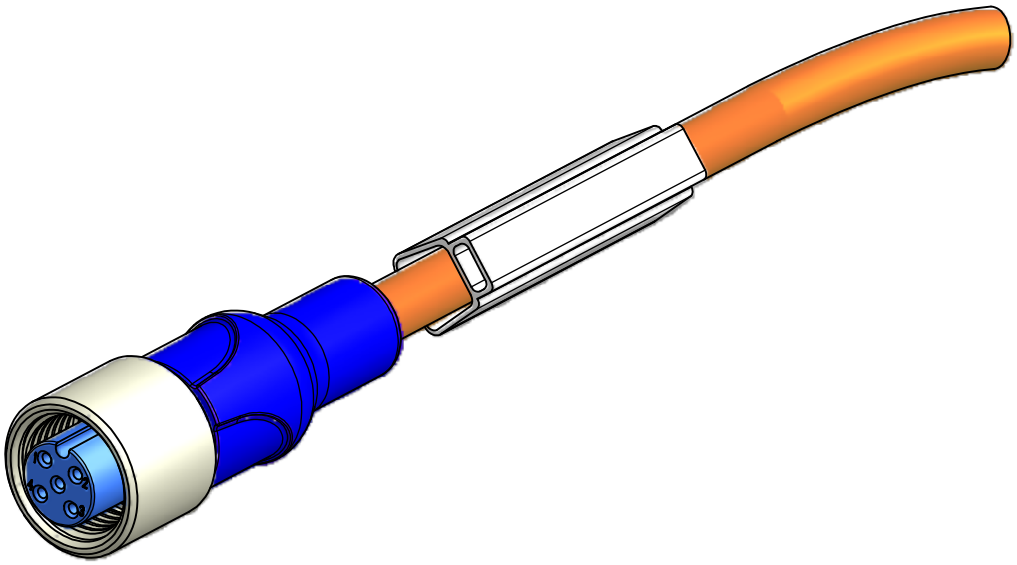
Anschlussbild:
PNP NO/NC



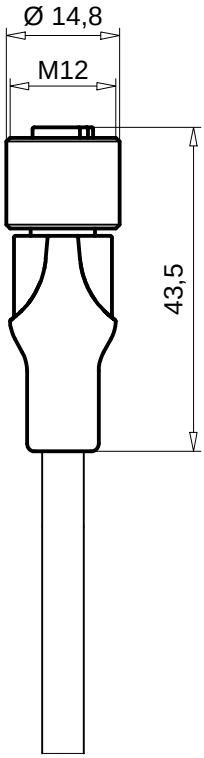
Kontakt-
belegung:



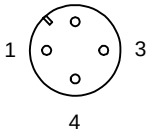
WS&M Klemmgreiferzubehör	Datum	WS&M	Optischer Winkelsensor ZG-20301
	20.07.15		



Anschlusskabel M12
ZG-20202



Kontakt-
belegung:



1: Braun
2:
3: Blau
4: Schwarz

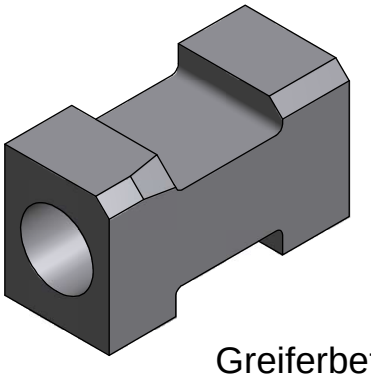
Technische Daten:

Betriebsspannung	:	63VDC
Strombelastbarkeit	:	4A
Durchgangswiderstand	:	<5m Ω
Anschluß	:	Buchse Typ M12
Kabellänge	:	1,5m

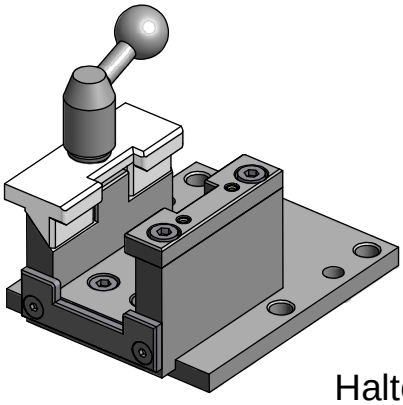
Normen und Schutzarten: IP 67 verschraubt

Material:

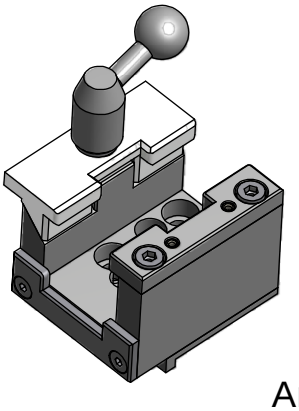
Kontakte	:	Ø1mm - CuZn vergoldet
Schraubverschluss	:	Zamak vernickelt
Kabel	:	PUR



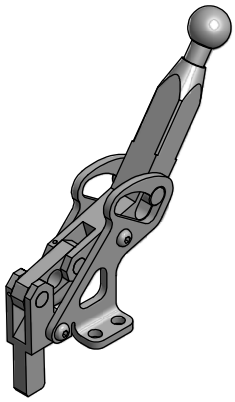
Greiferbefestigung
AZ-50755



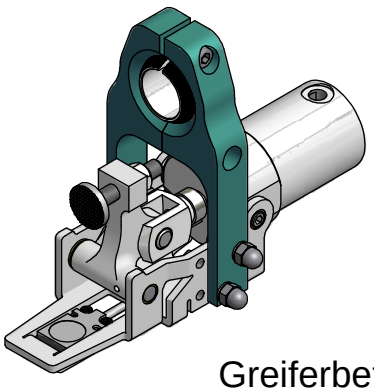
Halterung für
Greiferbefestigung
AZ-50801



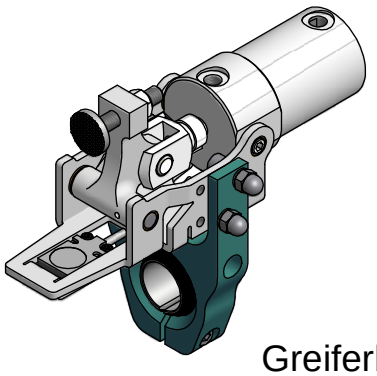
Halterung für
Anschlußstück
AZ-100669



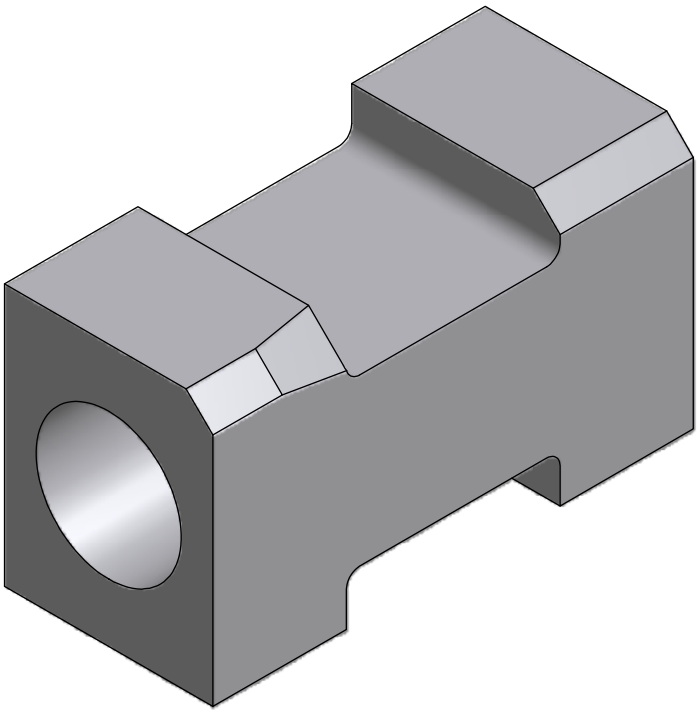
Handspanner
SH-70653



Greiferbefestigung
ZG-2042x

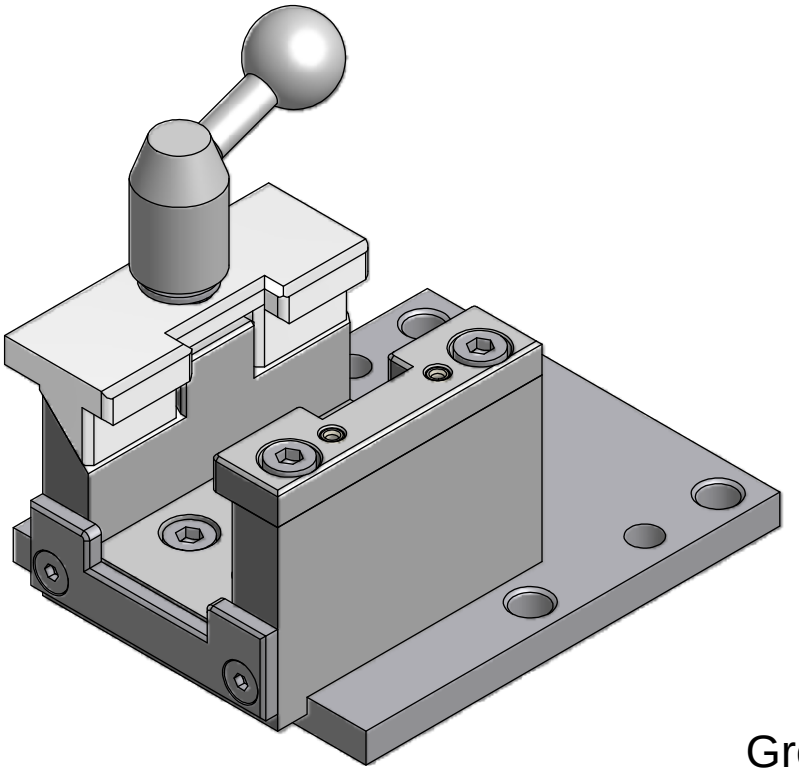


Greiferbefestigung
ZG-2043x



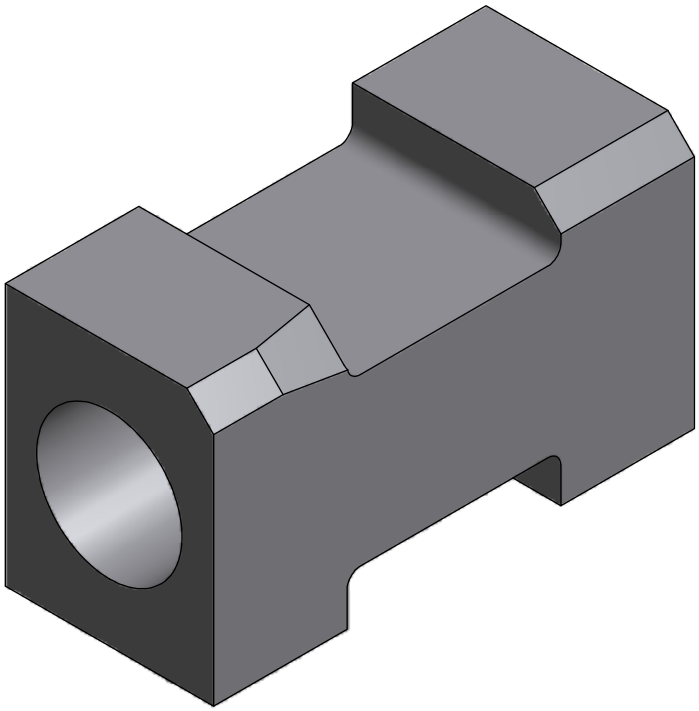
Greiferbefestigung

AZ-50755

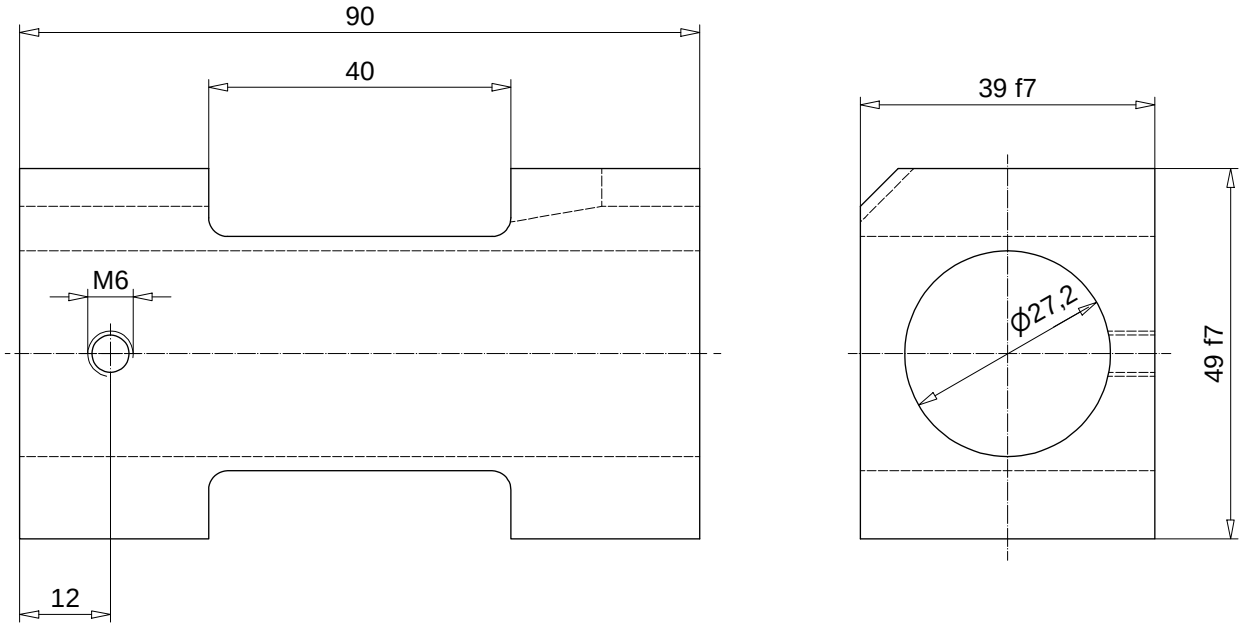


Halterung für
Greiferbefestigung

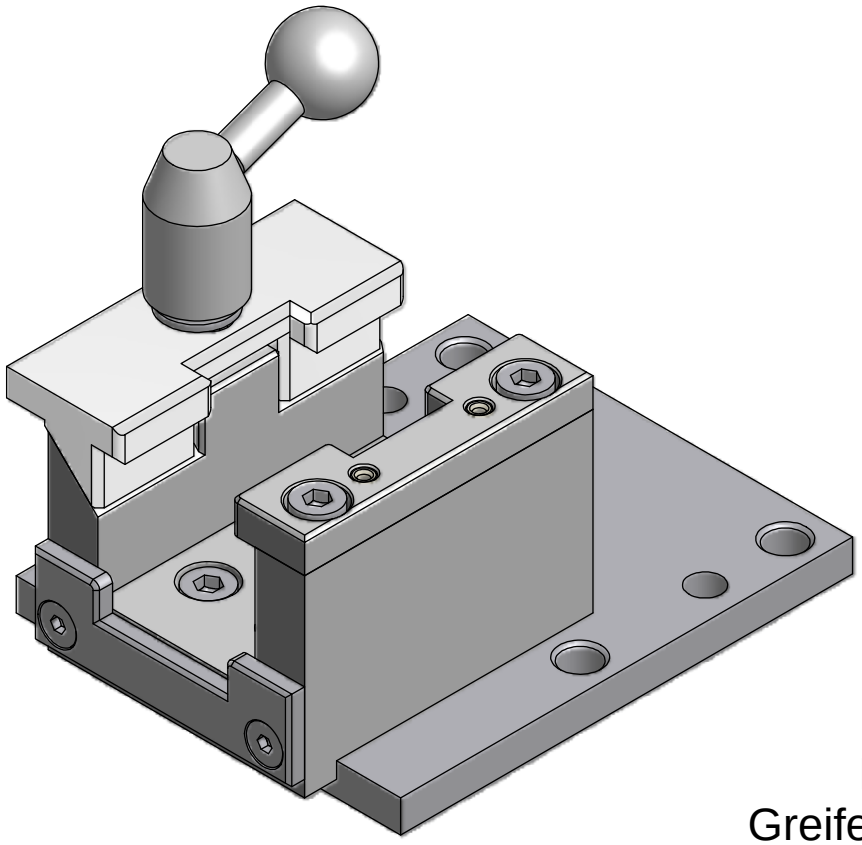
AZ-50801



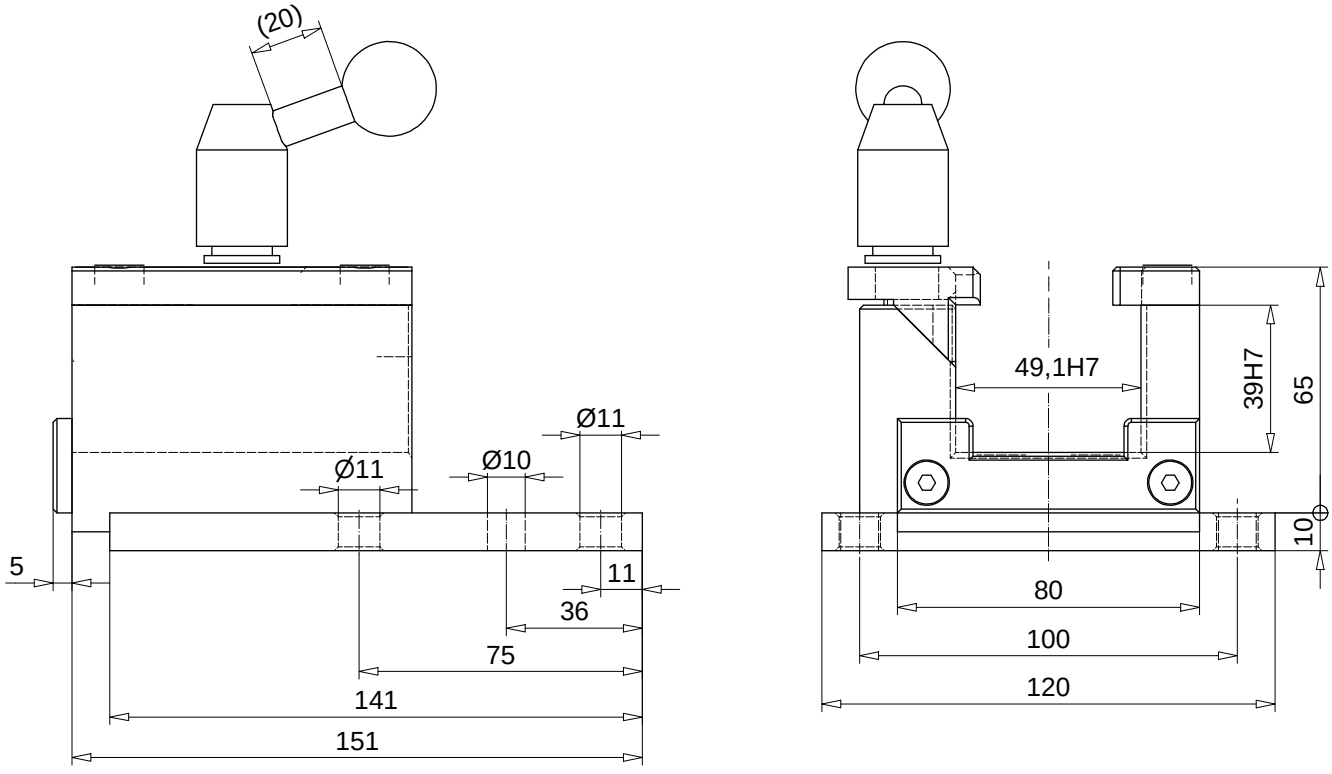
Greiferbefestigung
AZ-50755



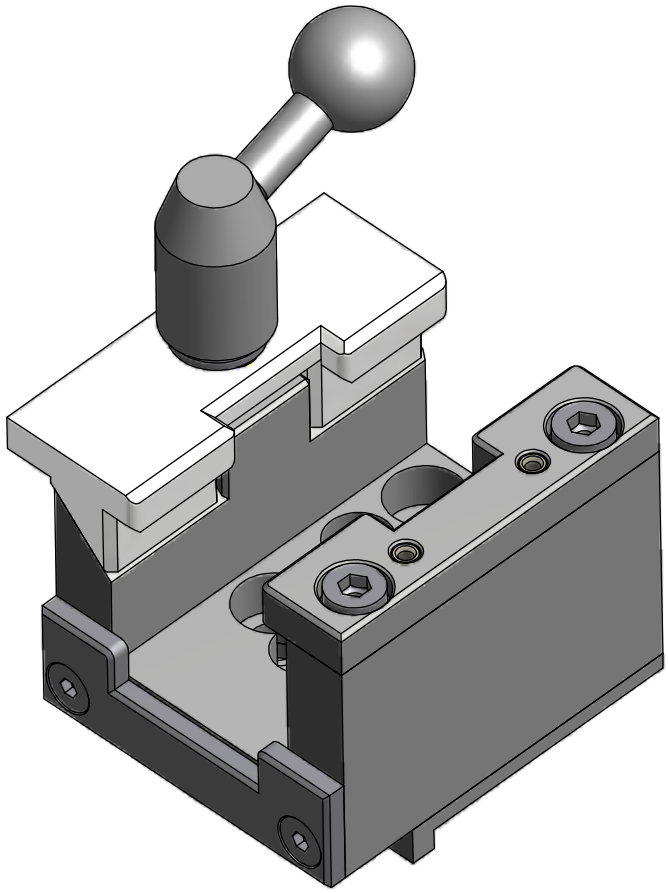
				Kunden-Nr.	F 33 26 0025
		Gewicht	0,79kg		
WS&M Klemmgreiferbefestigung		Datum	WS&M	Greiferbefestigung AZ-50755	
		20.07.15			



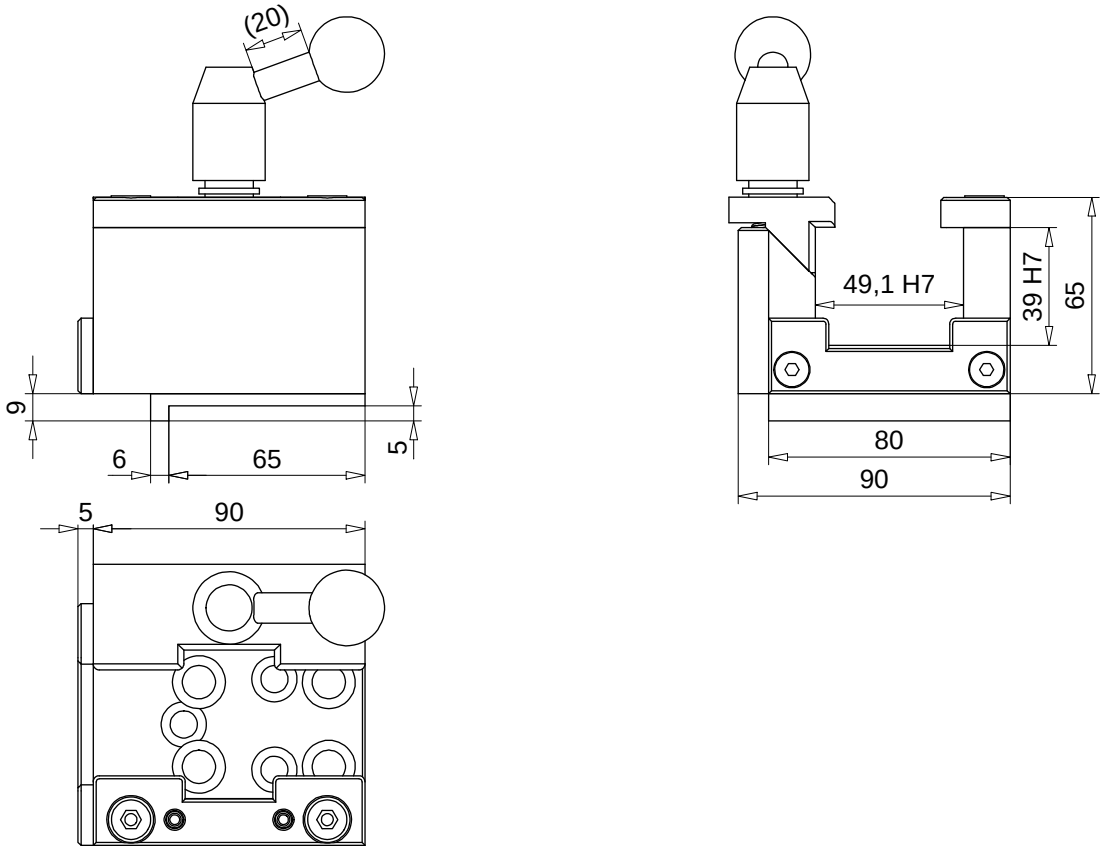
Halterung für Greiferbefestigung AZ-50801



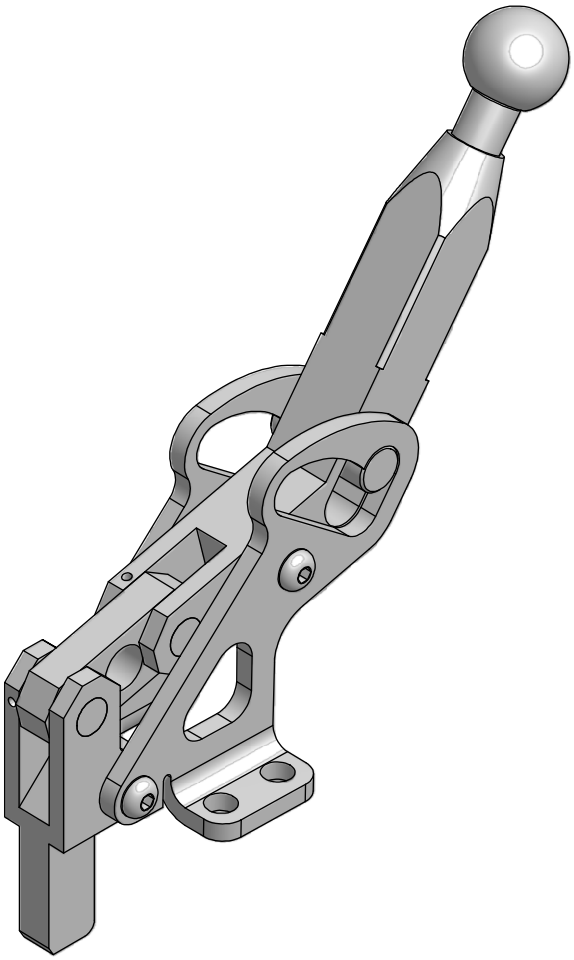
				Kunden-Nr.	
		Gewicht	3,8kg		
WS&M Klemmgreiferbefestigung		Datum	WS&M	Halterung f. Greiferbefestigung AZ-50801	
		20.07.15			



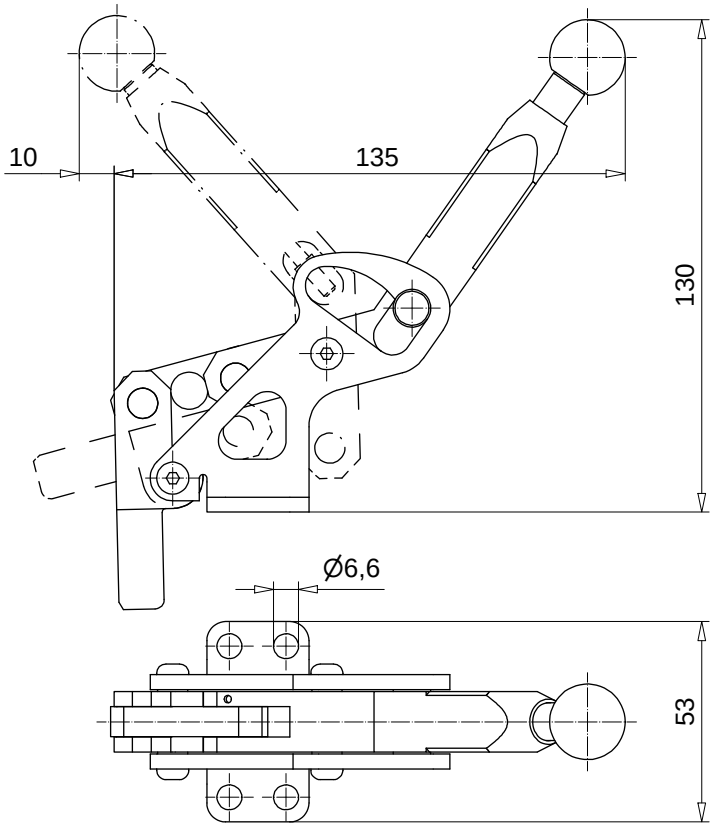
Halterung für Anschlussstück AZ-100669



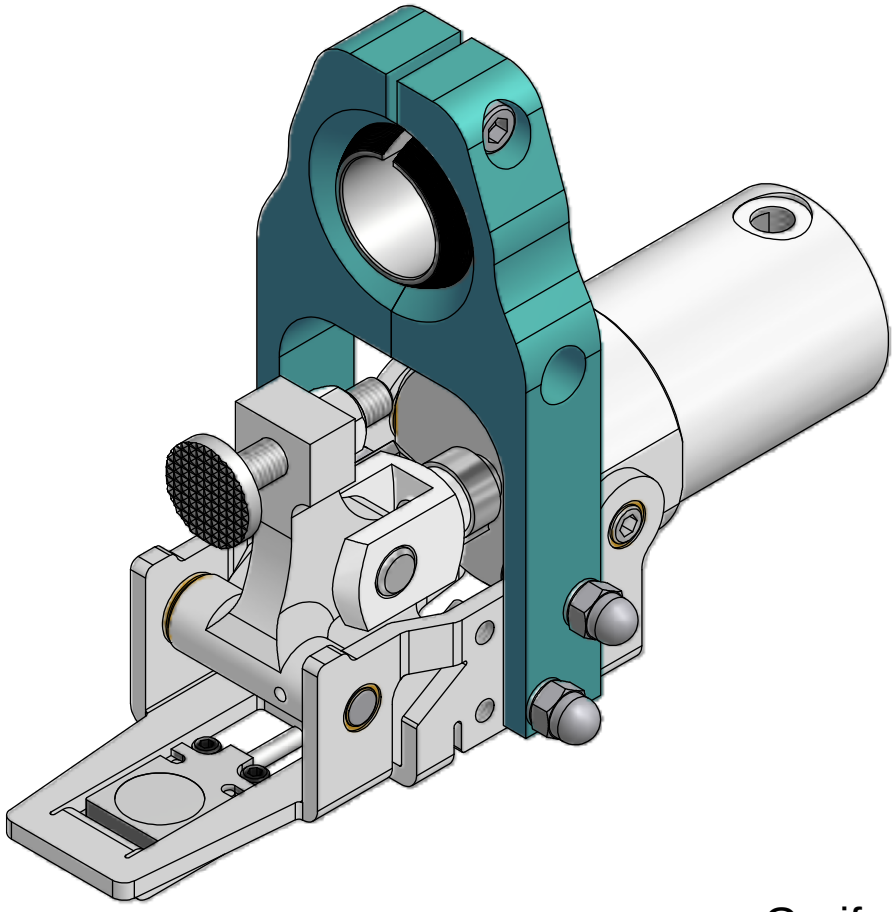
				Kunden-Nr.	
		Gewicht	3,0kg		
WS&M Klemmgreiferbefestigung		Datum	WS&M	Halterung für Anschlussstück AZ-100669	
		20.07.15			



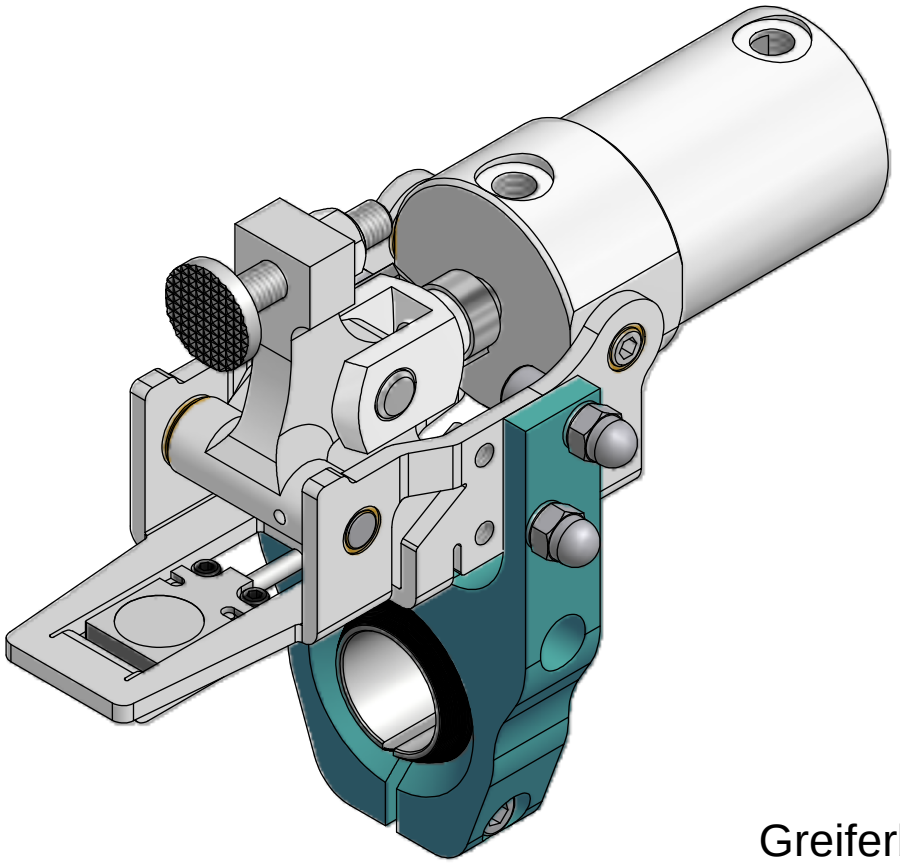
Handspanner
SH-70653



Spannkraft	ca. 2000N			Kunden-Nr.	M 16 90 2602
Gewicht	0,34 kg				
WS&M Zubehör		Datum	WS&M	Handspanner SH-70653	
		20.07.15			

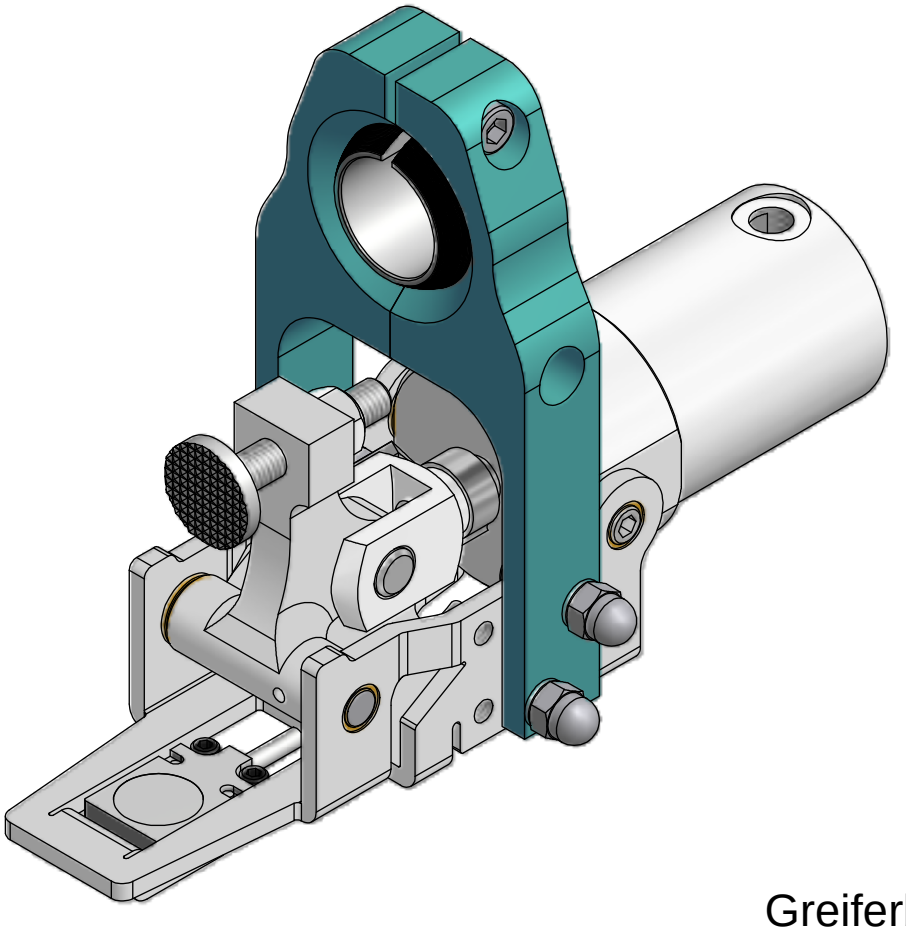


Greiferbefestigung
ZG-2042x

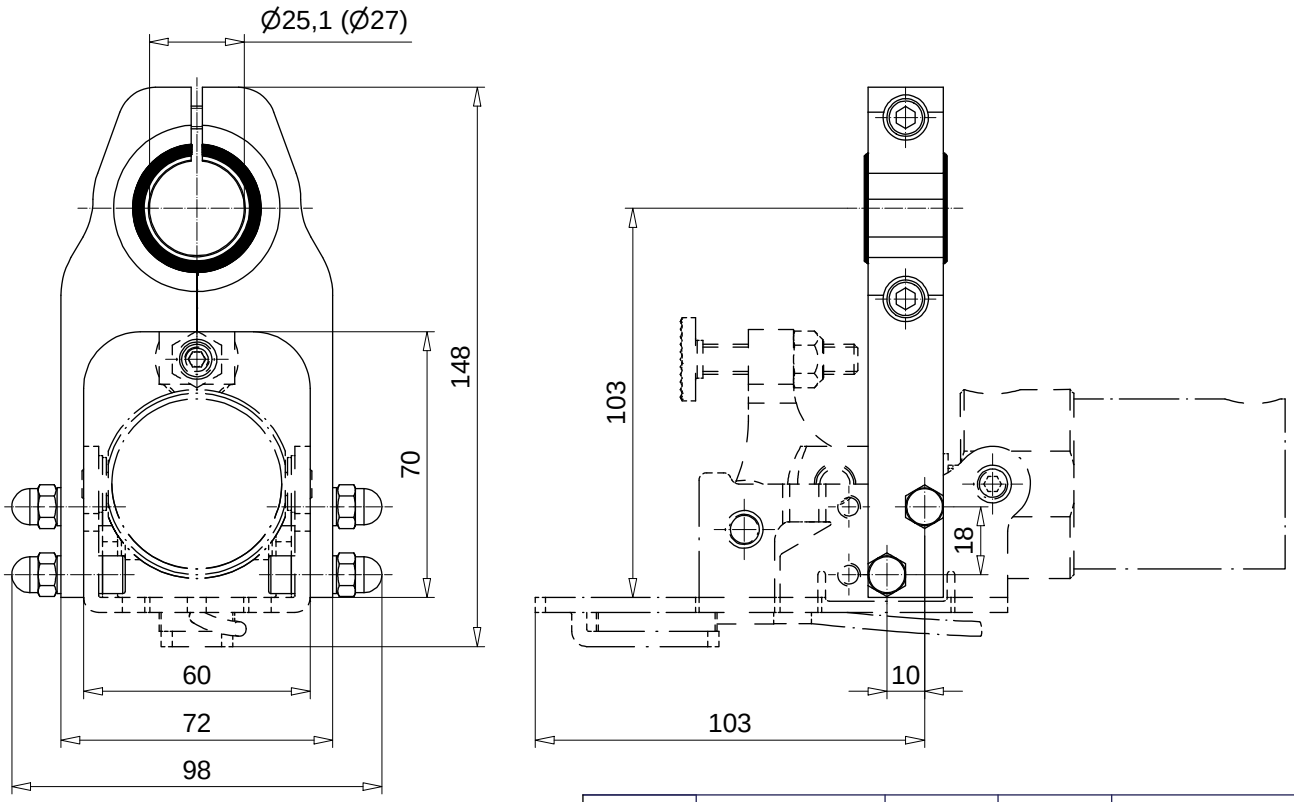


Greiferbefestigung
ZG-2043x

WS&M Klemmgreiferbefestigung	Datum	WS&M	Greiferbefestigung ZG-204xx
	20.07.15		

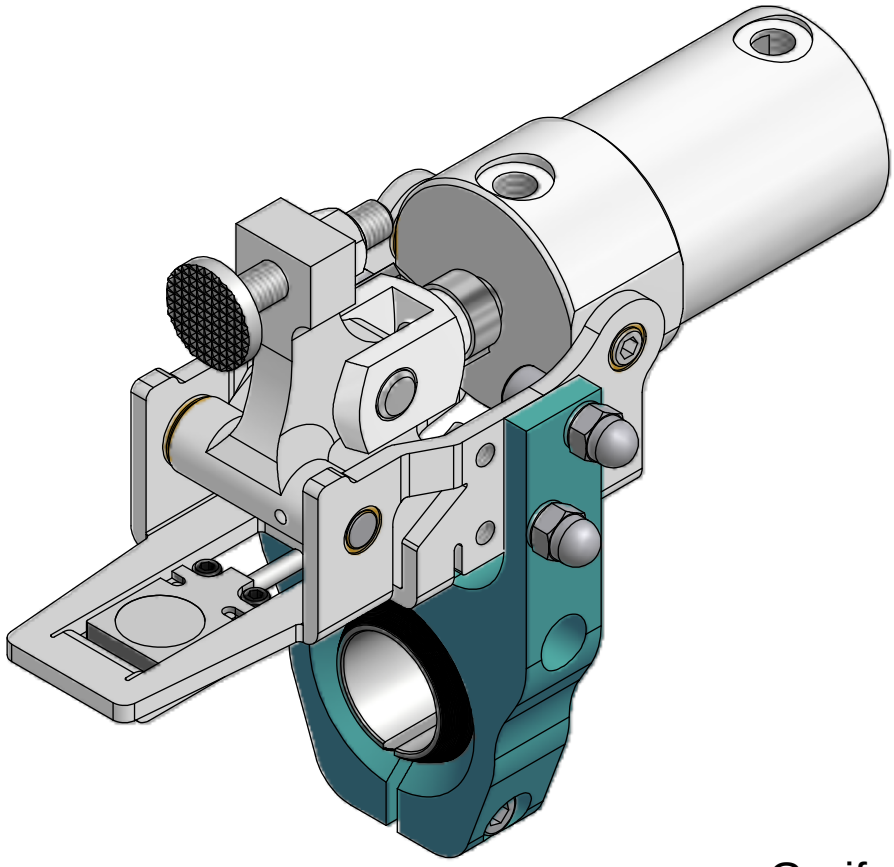


Greiferbefestigung ZG-2042x

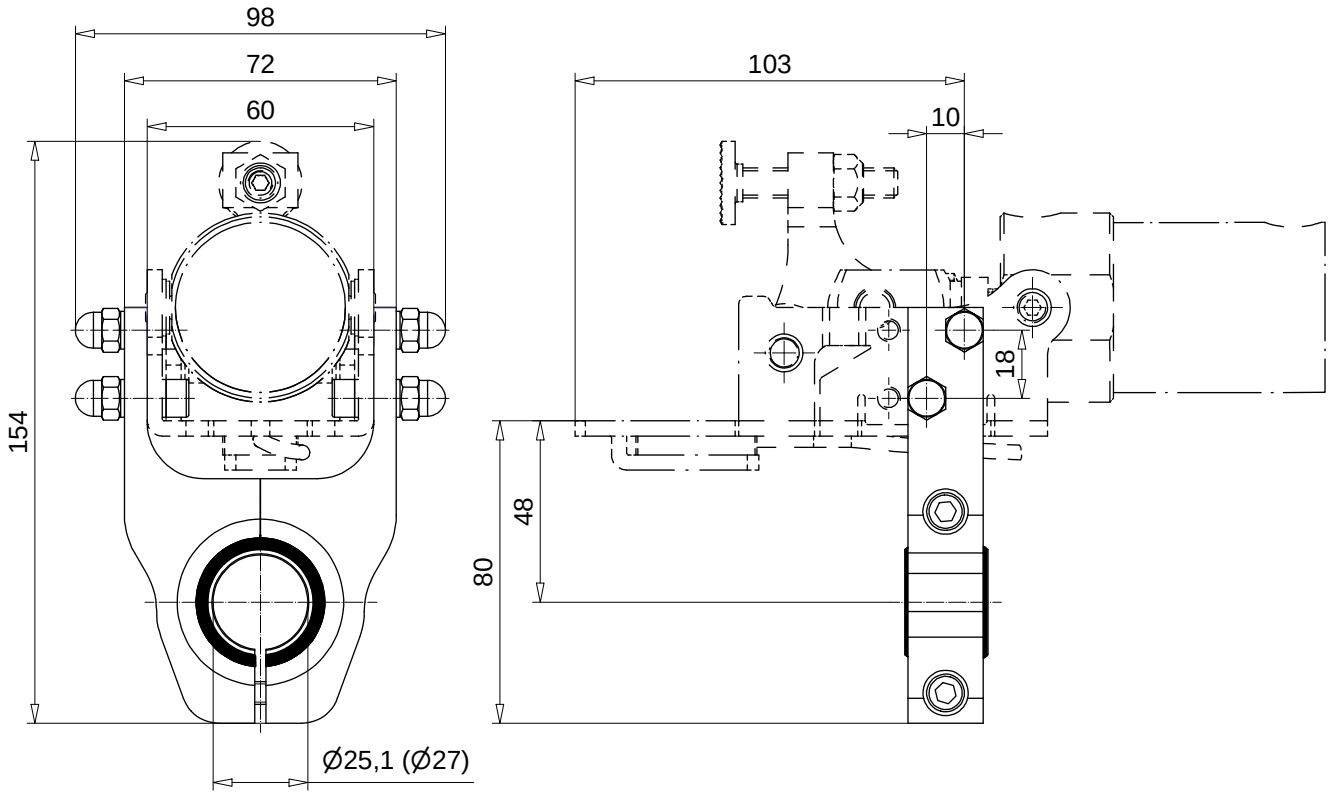


	Greiferbefestigung	ZG-20421	Ø27	
	Greiferbefestigung	ZG-20420	Ø25,1	
	Bezeichnung	WS&M Nr.	Bohrung der Spannkugel	Kunden-Nr.

WS&M Klemmgreiferbefestigung	Datum	Greiferbefestigung ZG-2042x
	20.07.15	

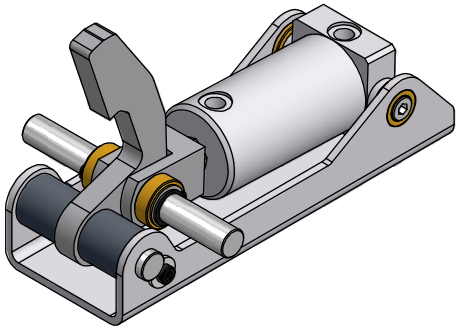


Greiferbefestigung
ZG-2043x

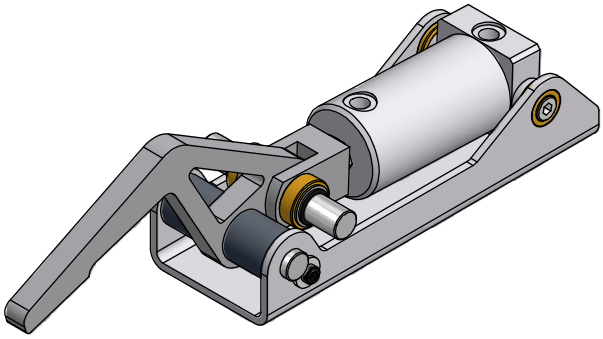


	Greiferbefestigung	ZG-20431	Ø27	
	Greiferbefestigung	ZG-20430	Ø25,1	
	Bezeichnung	WS&M Nr.	Bohrung der Spannkugel	Kunden-Nr.

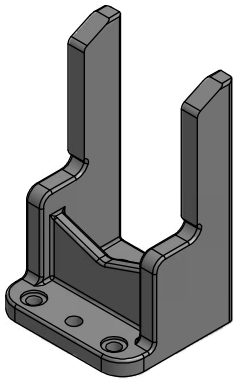
WS&M Klemmgreiferbefestigung	Datum	Greiferbefestigung ZG-2043x
	20.07.15	



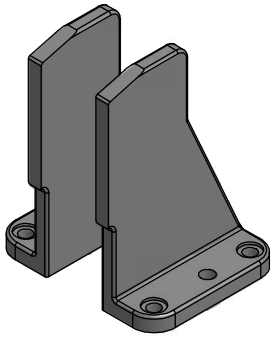
Teileheber horizontal
4T-70161



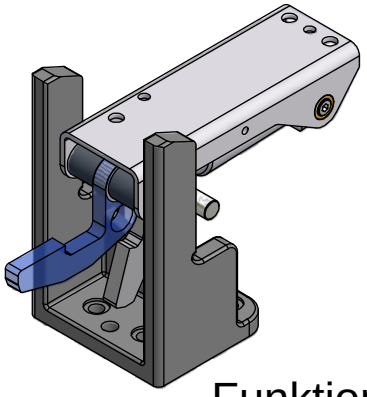
Teileheber vertikal
4T-70171



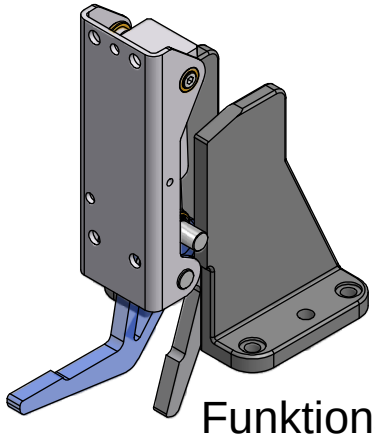
Zwangswegdrücker
horizontal ZT-70211



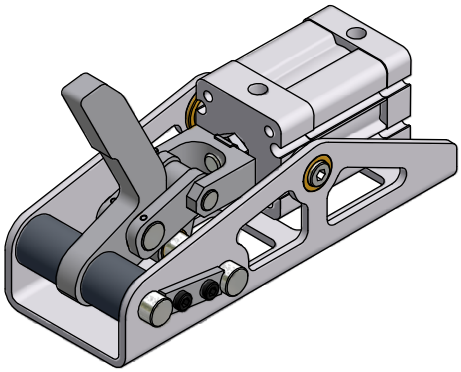
Zwangswegdrücker
vertikal ZT-70220



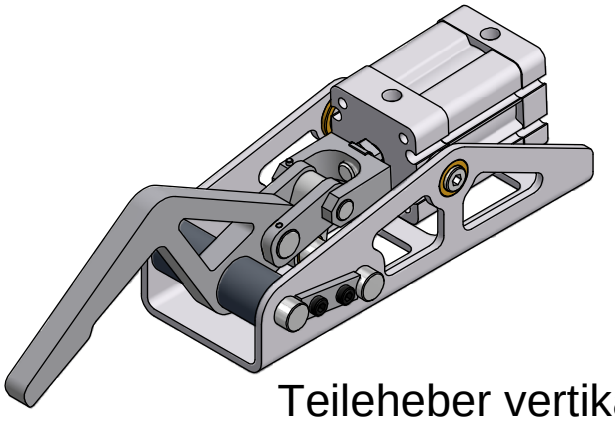
Funktionsprinzip
4T-70161, ZT-70211



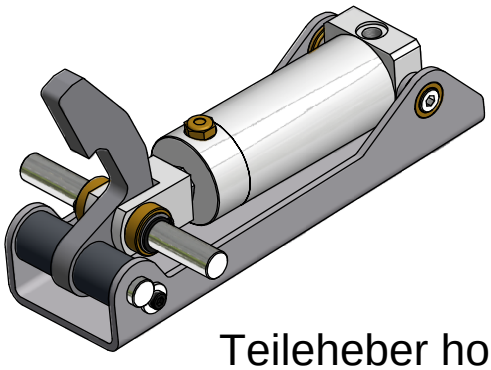
Funktionsprinzip
4T-70171, ZT-70220



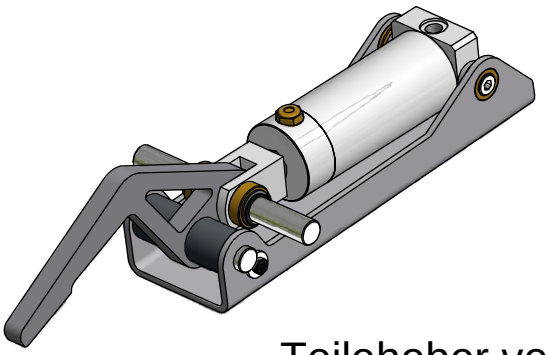
Teileheber horizontal
4T-70165



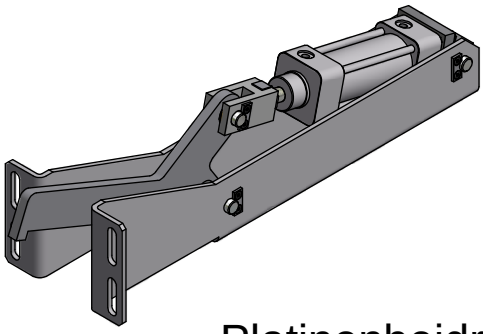
Teileheber vertikal
4T-70175



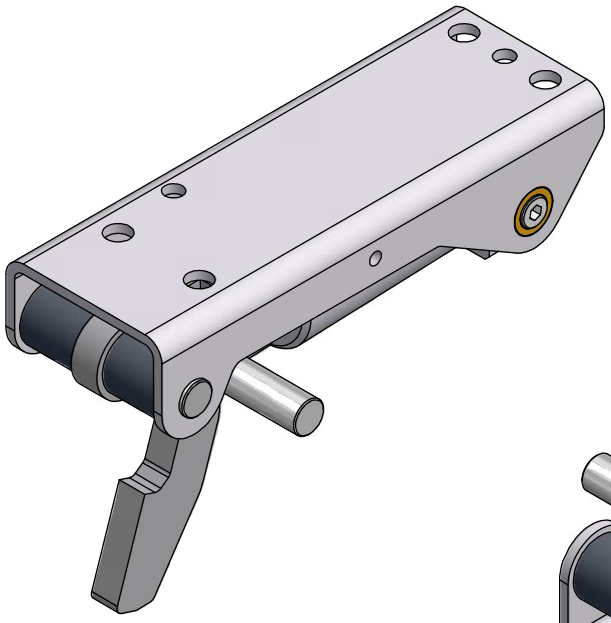
Teileheber horizontal
einfachwirkend
4T-70163

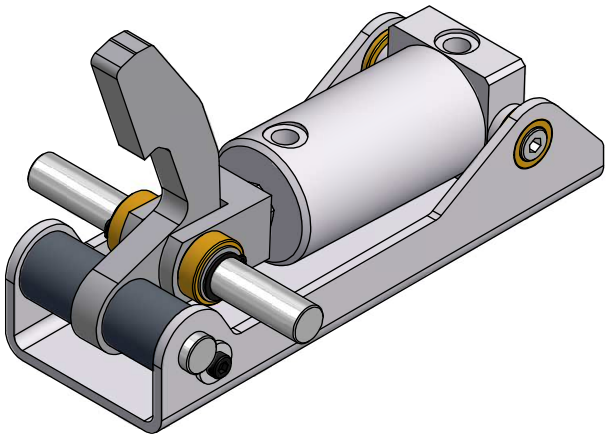


Teileheber vertikal
einfachwirkend
4T-70173

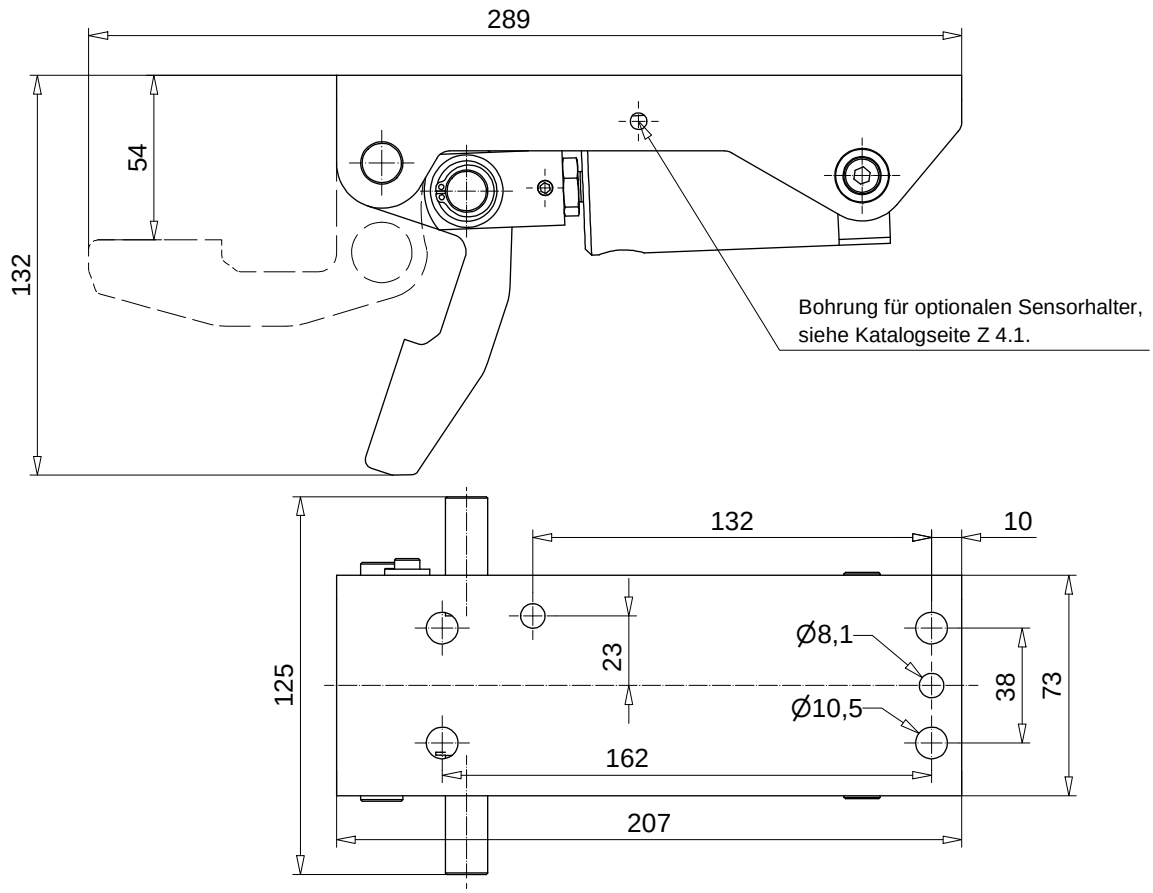


Platinenbeidrücker
BP-70410



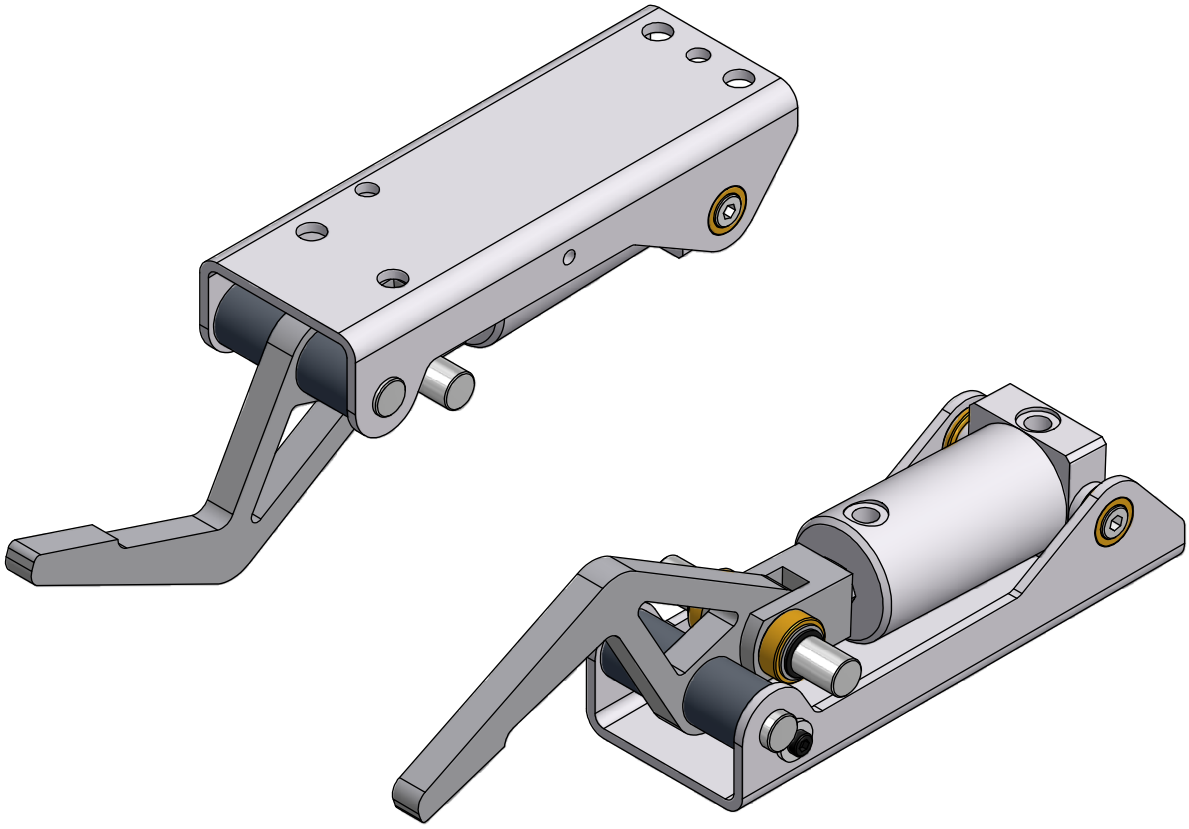


Teileheber horizontal
4T-70161

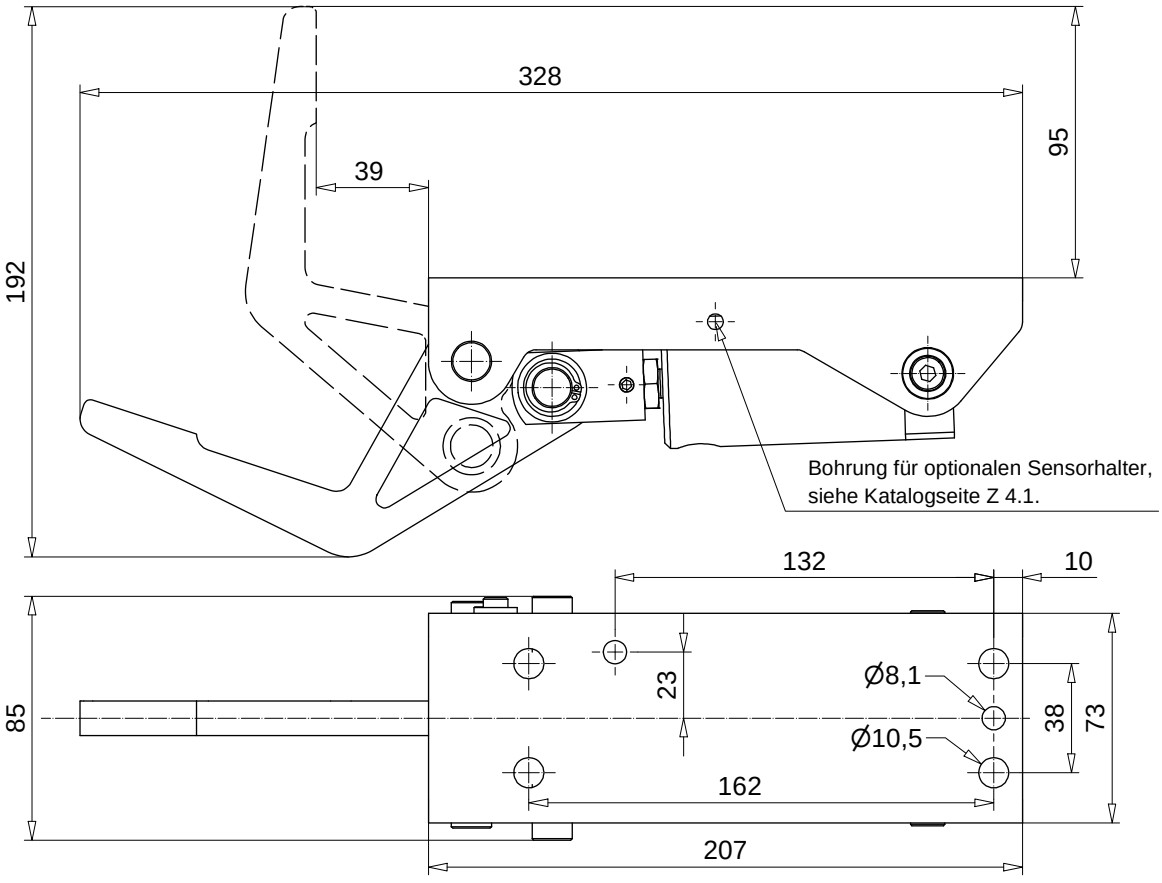


Luftanschluß	G 1/8 "	Haltekraft bei 6 bar	265 N	Kunden-Nr.	B8 7235 0333 557
Betriebsdruck	max. 10 bar	Gewicht	1,9 kg		

WS&M Teileheber	Datum	WS&M	Teileheber horizontal 4T-70161
	20.07.15		

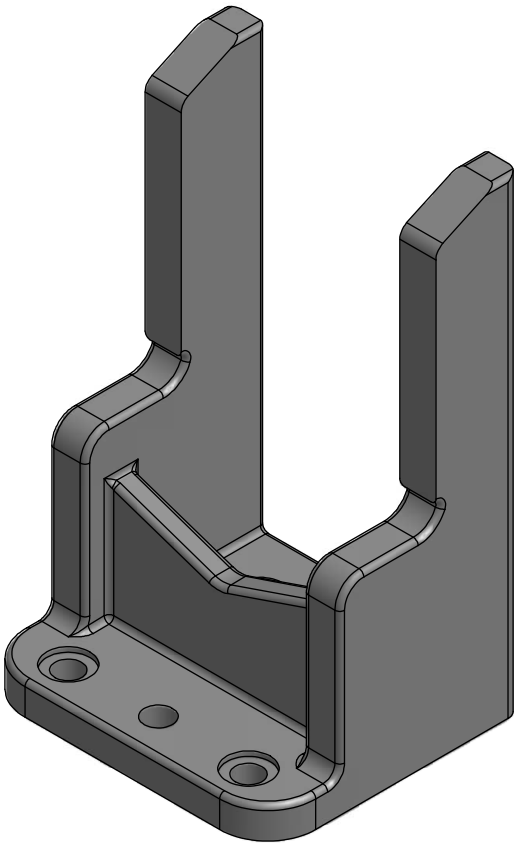


Teileheber vertikal
4T-70171

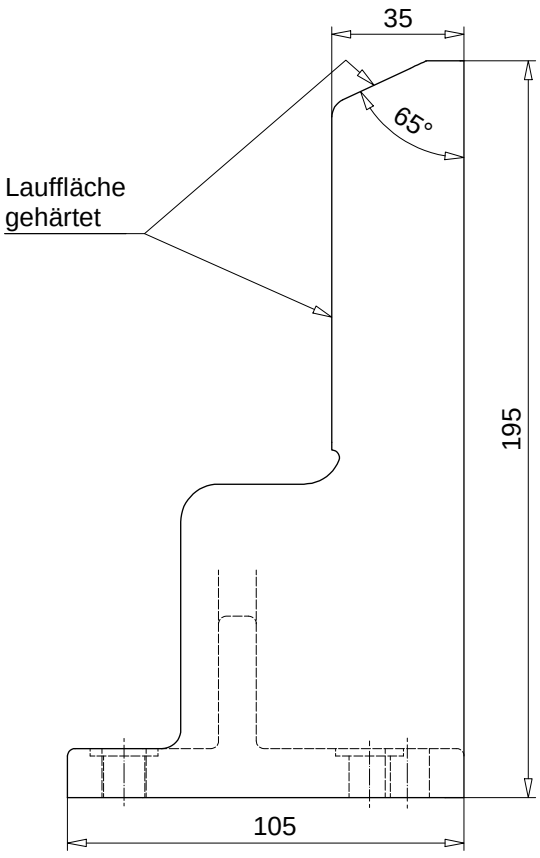


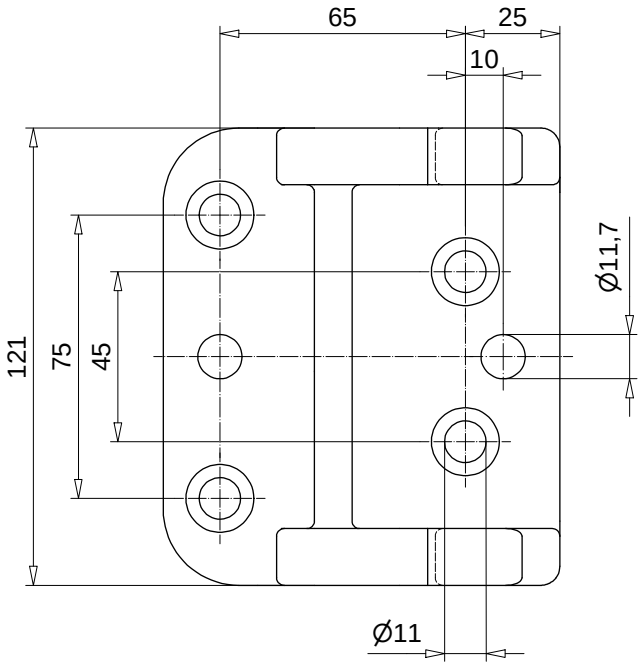
Luftanschluß	G 1/8 "	Haltekraft bei 6 bar	200 N	Kunden-Nr.	B8 7234 0333 556
Betriebsdruck	max. 10 bar	Gewicht	2,0 kg		

WS&M Teileheber	Datum	WS&M	Teileheber vertikal 4T-70171
	20.07.15		

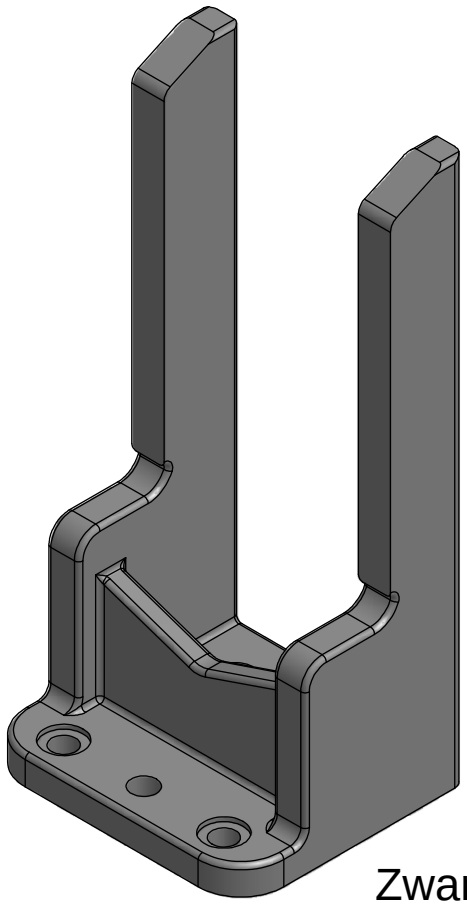


Zwangswegdrücker horizontal
ZT-70211

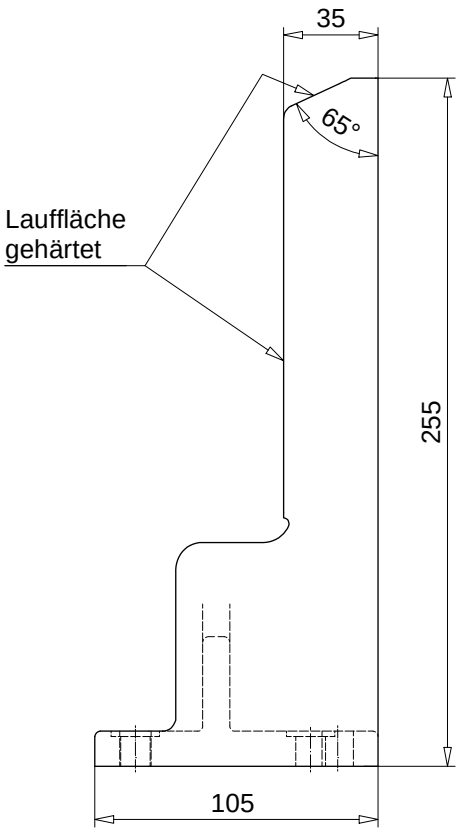


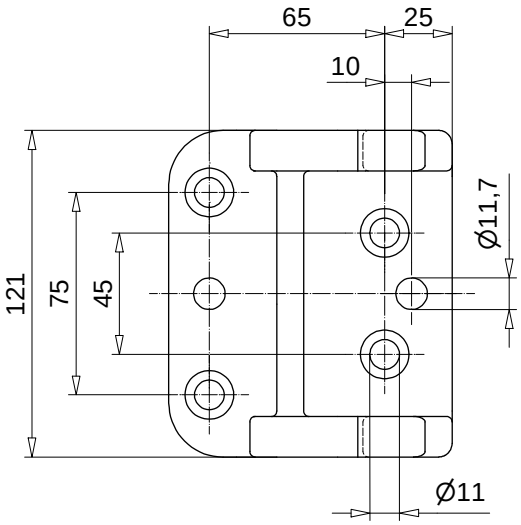


				Kunden-Nr.	B8 2308 0333 495
		Gewicht	3,3 kg		
WS&M Teileheber		Datum	WS&M	Zwangswegdrücker horizontal ZT-70211	
		20.07.15			

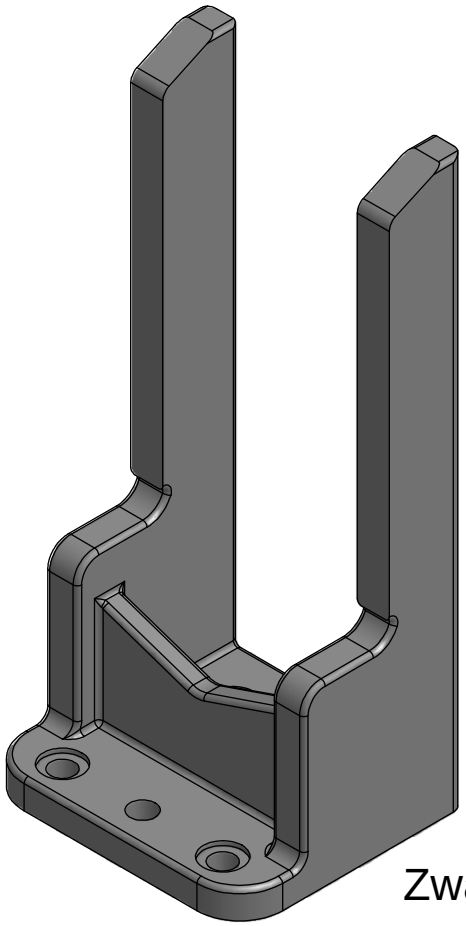


Zwangswegdrücker horizontal
Sonderlänge 255
ZT-70212

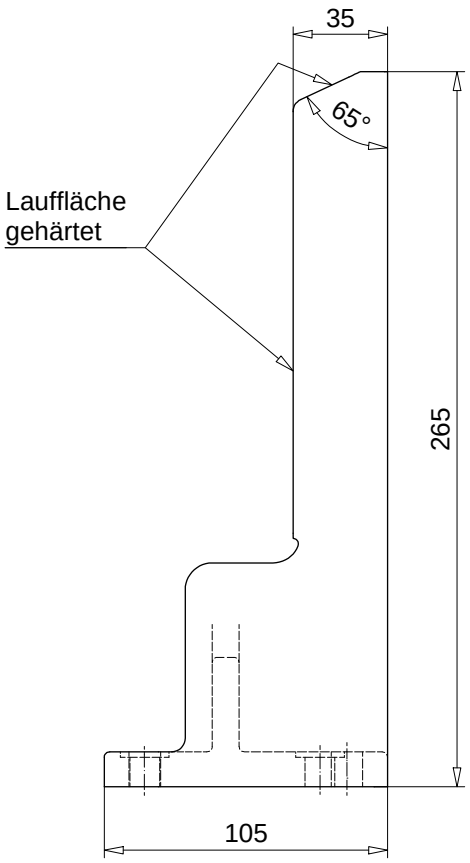


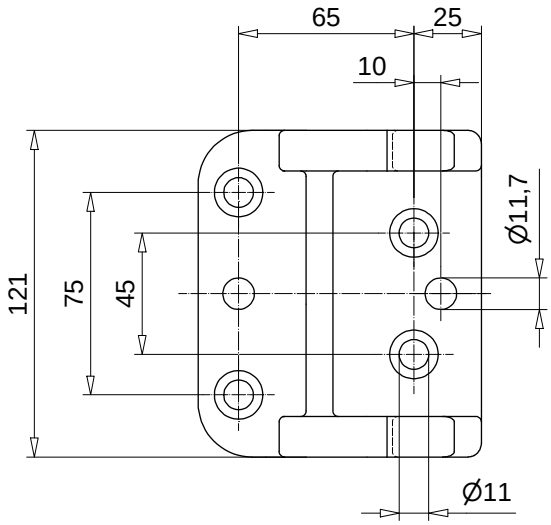


				Kunden-Nr.	
		Gewicht	4,1 kg		
WS&M Teileheber		Datum	WS&M	Zwangswegdrücker horizontal ZT-70212	
		20.07.15			

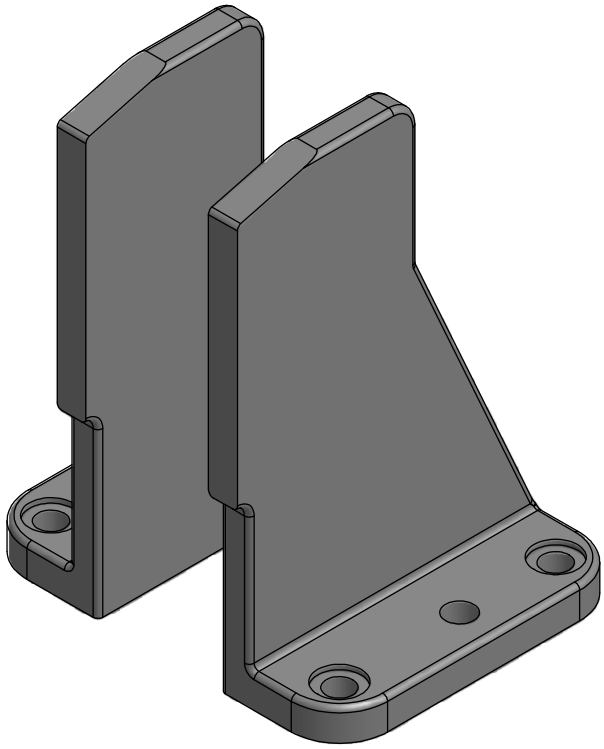


Zwangswegdrücker horizontal
Sonderlänge 265
ZT-70213

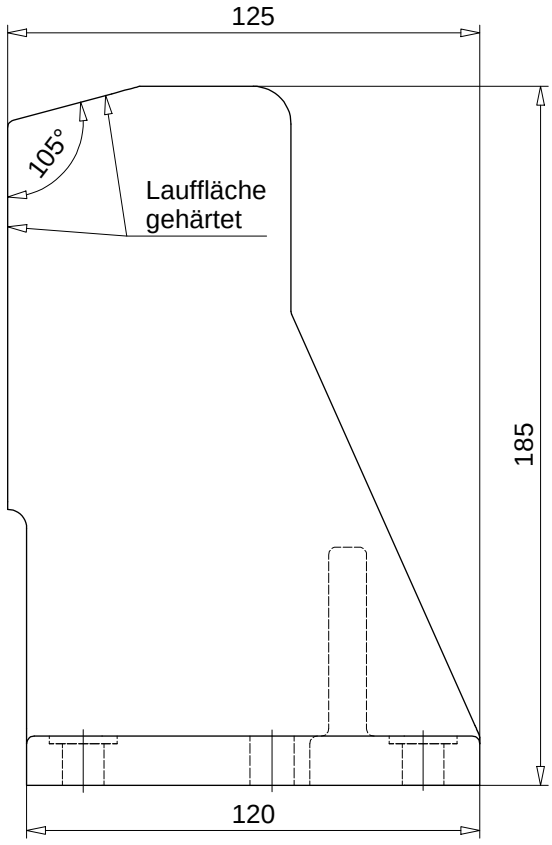


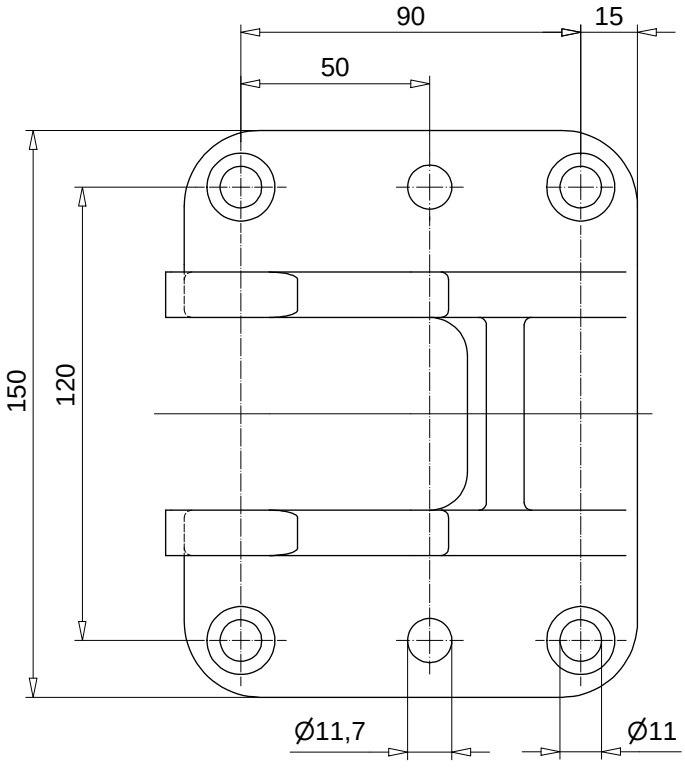


				Kunden-Nr.	
		Gewicht	4,2 kg		
WS&M Teileheber		Datum	WS&M	Zwangswegdrücker horizontal ZT-70213	
		20.07.15			

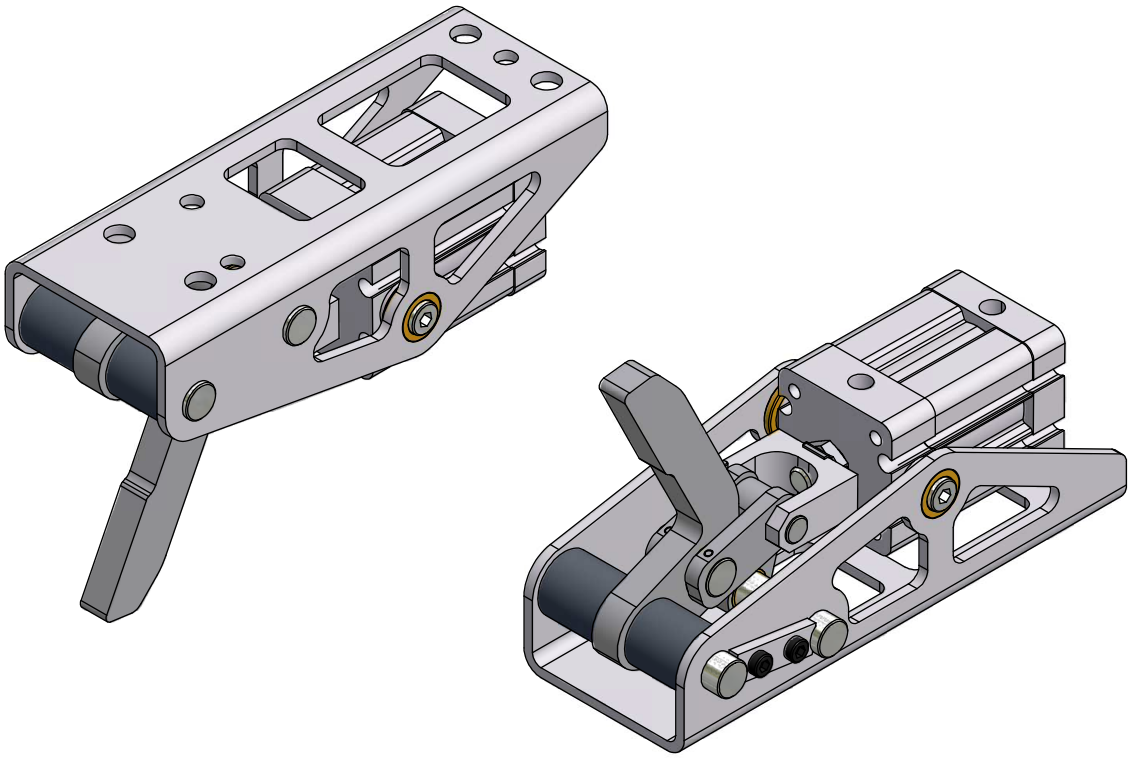


Zwangswegdrücker vertikal
ZT-70220

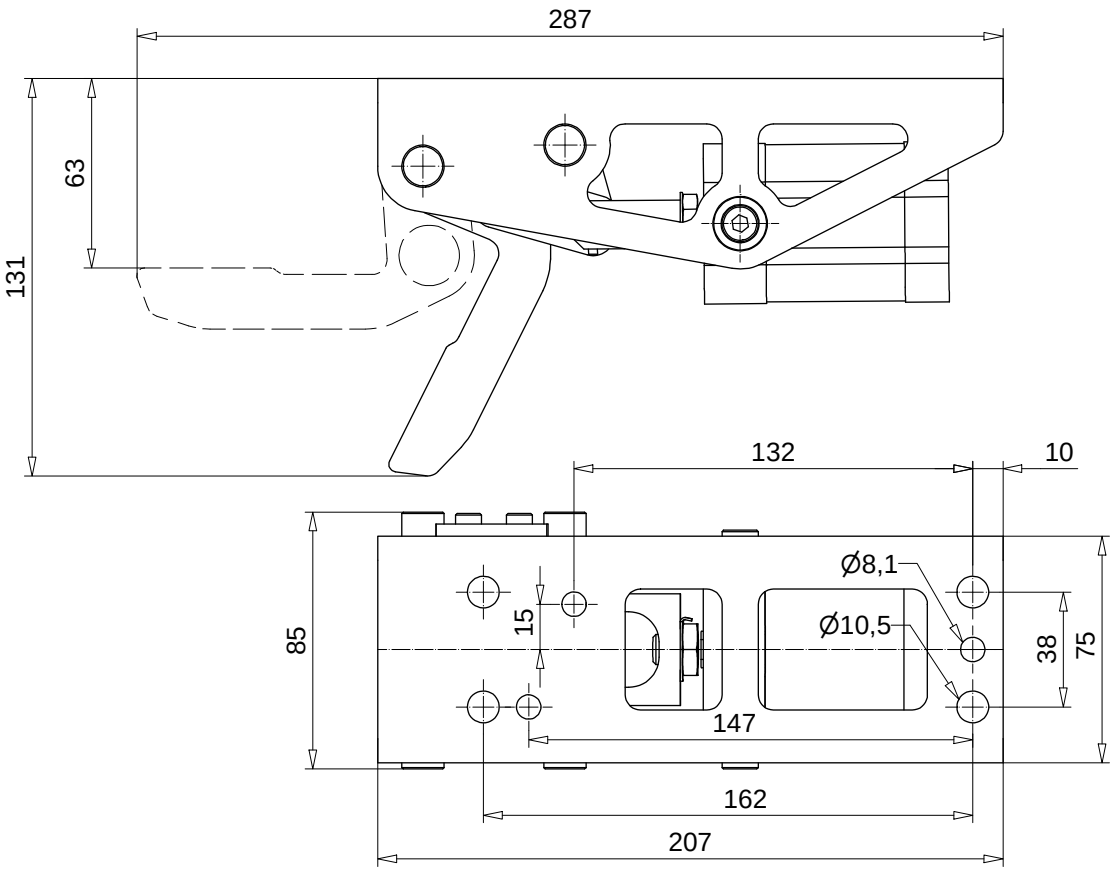




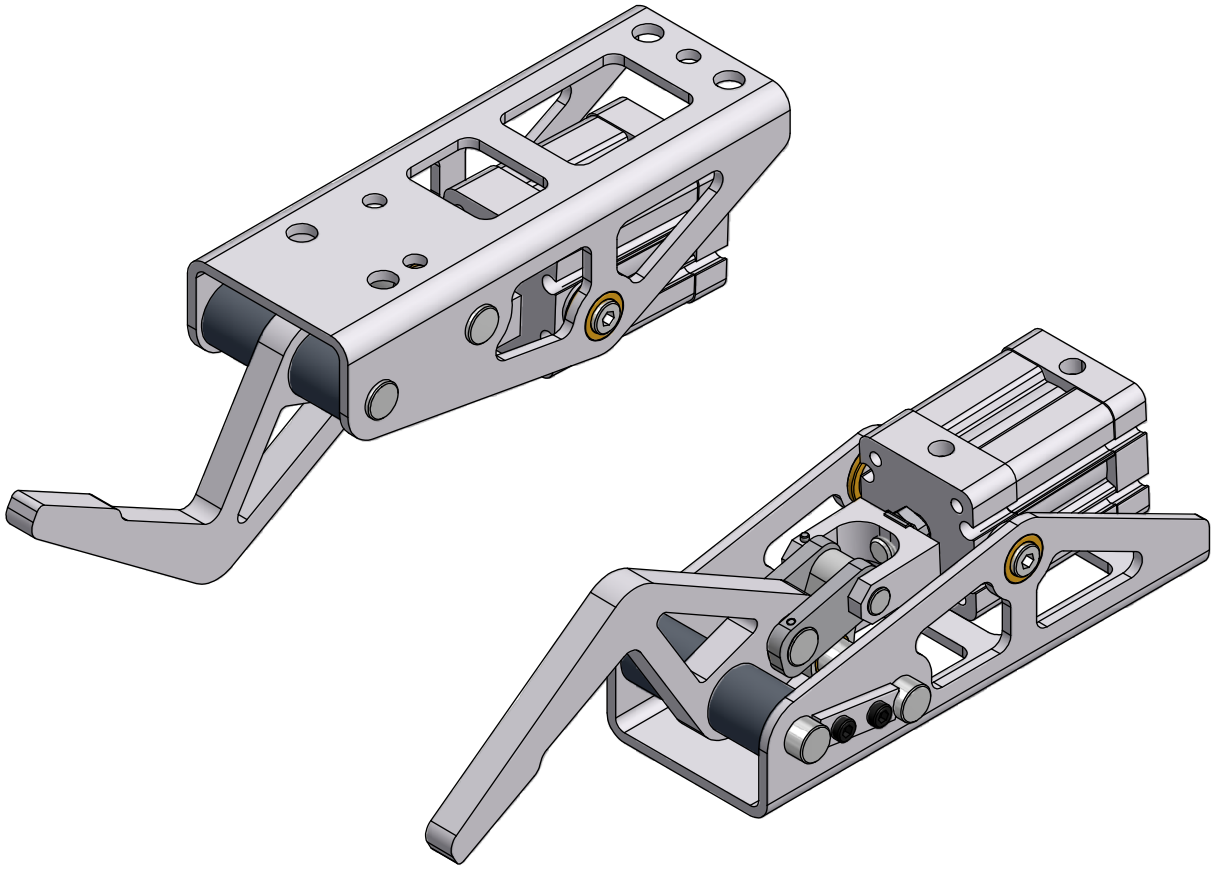
				Kunden-Nr.	B8 2308 0333 496
		Gewicht	4,3 kg		
WS&M Teileheber		Datum	WS&M	Zwangswegdrücker vertikal ZT-70220	
		20.07.15			



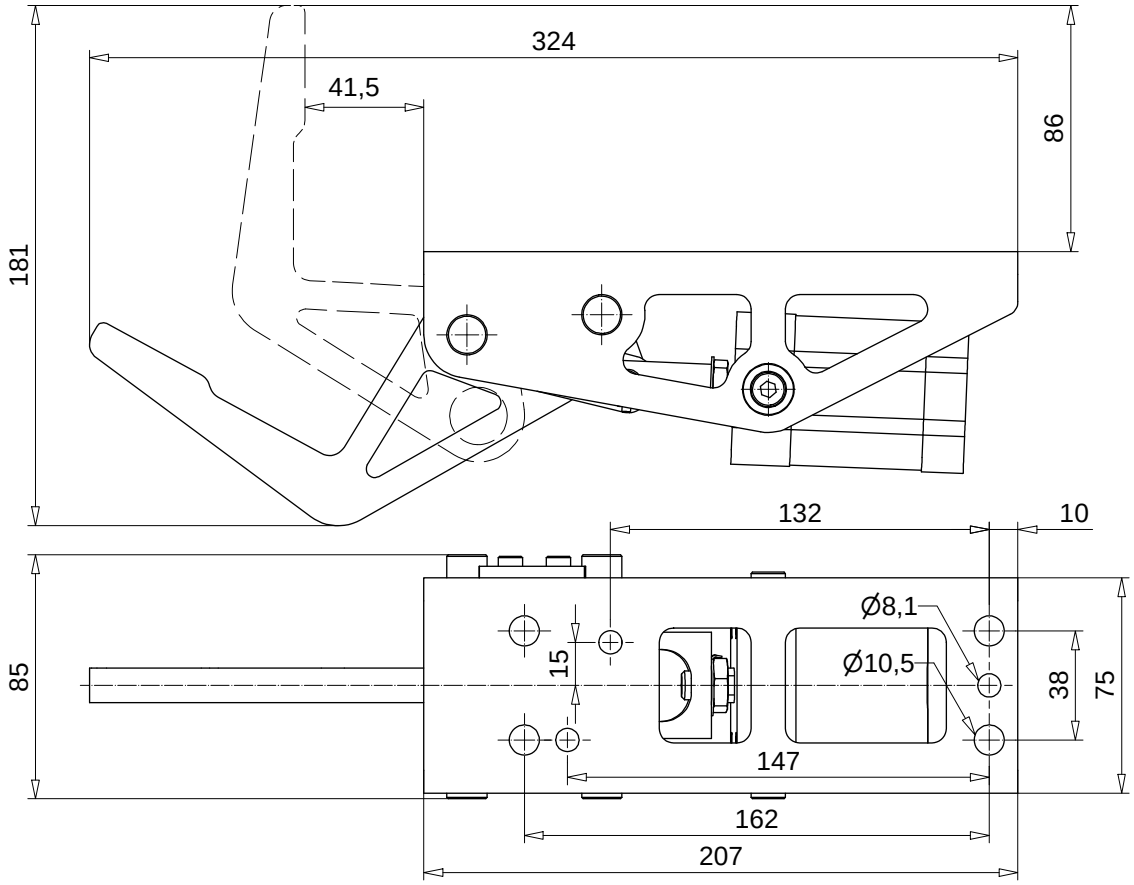
Teileheber horizontal
4T-70165



Luftanschluß	G 1/8 "	Haltekraft bei 6 bar	1400 N	Kunden-Nr.	
Betriebsdruck	max. 10 bar	Gewicht	1,9 kg		
WS&M Teileheber		Datum	WS&M	Teileheber horizontal 4T-70165	
		20.07.15			

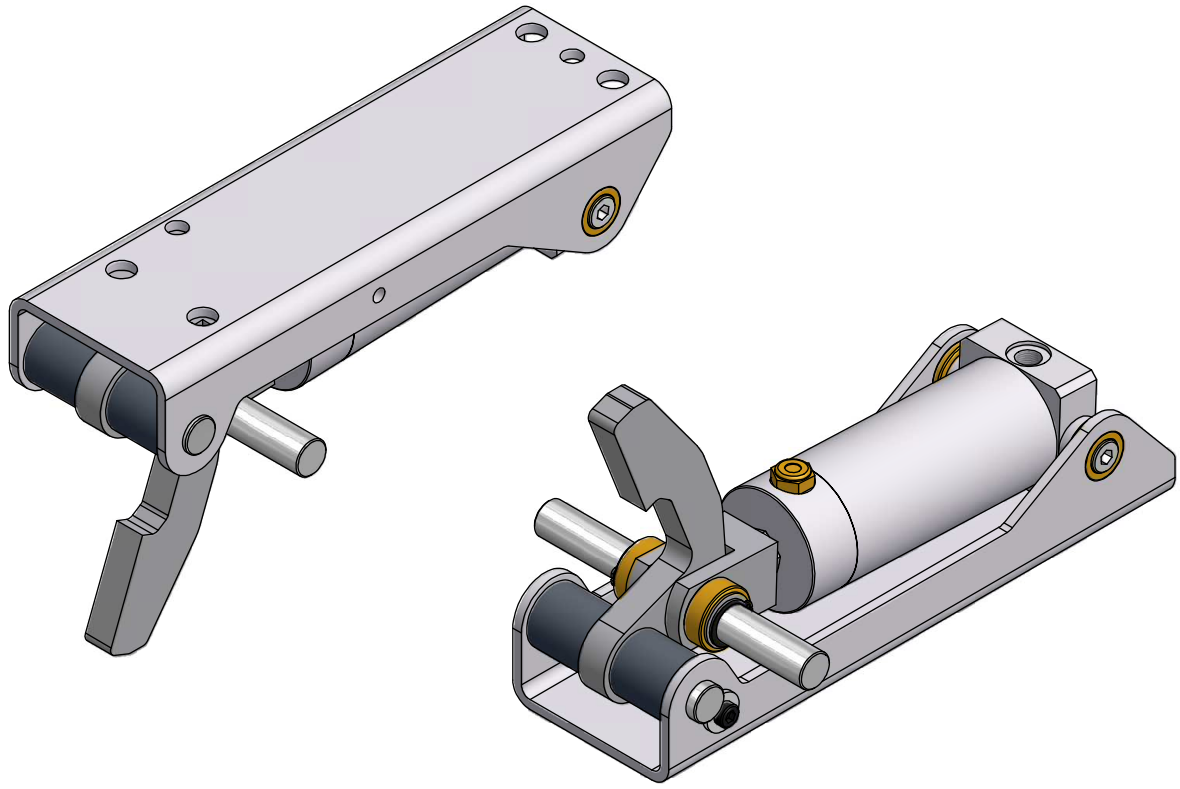


Teileheber vertikal
4T-70175

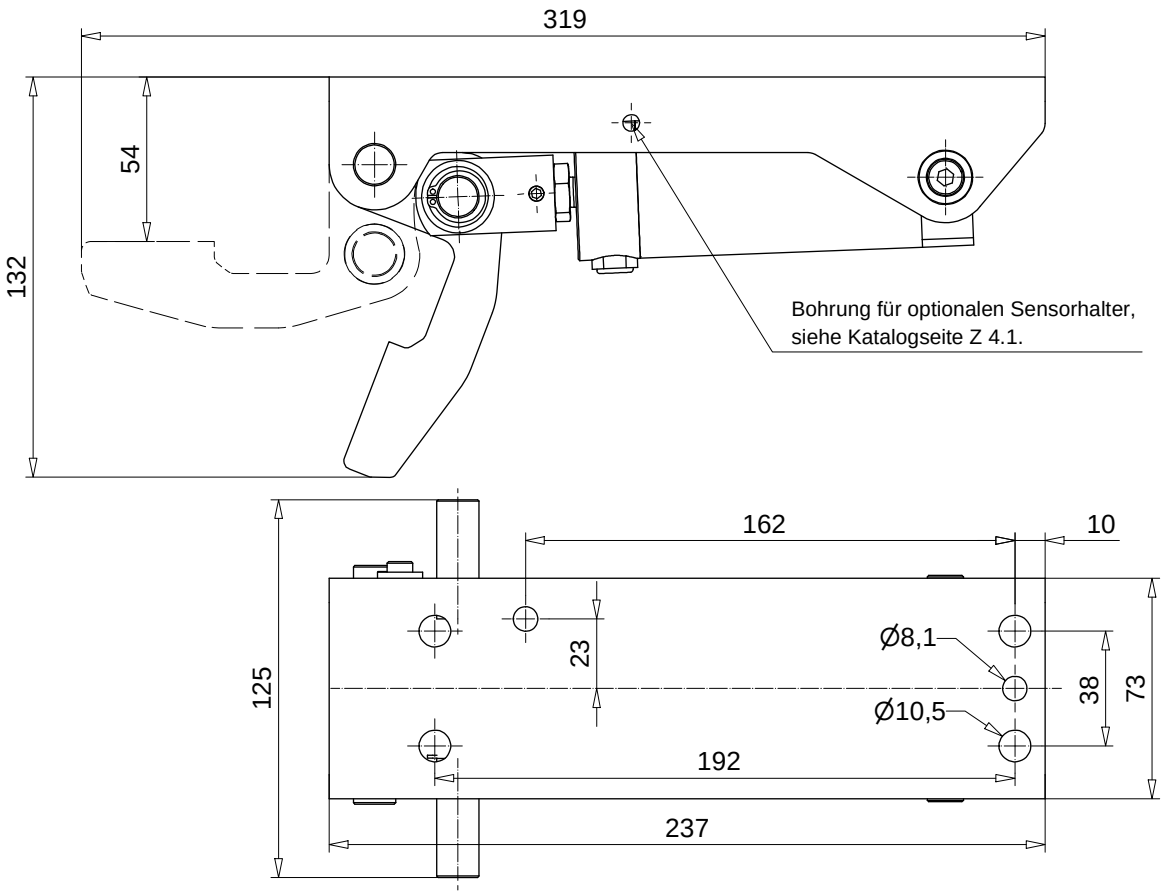


Luftanschluß	G 1/8 "	Haltekraft bei 6 bar	1100 N	Kunden-Nr.	
Betriebsdruck	max. 10 bar	Gewicht	2,0 kg		

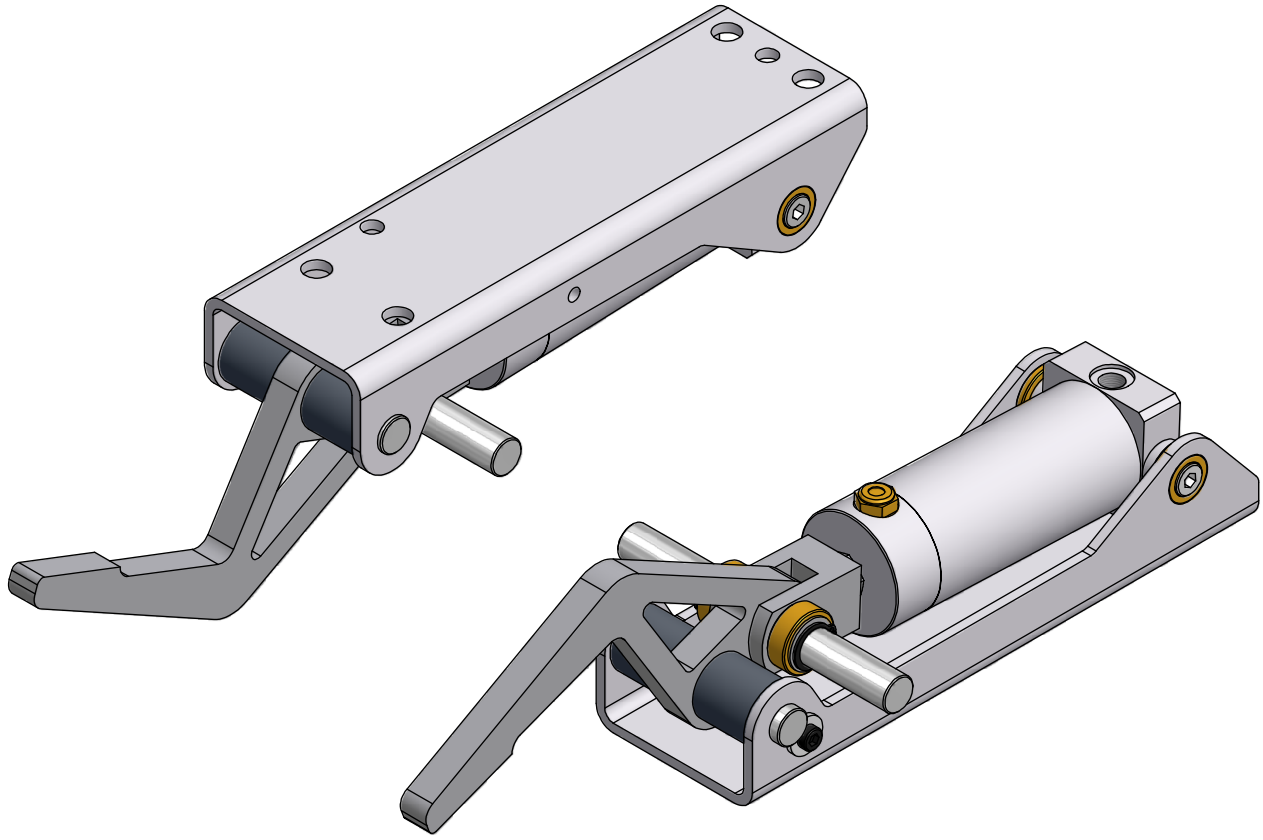
WS&M Teileheber	Datum	WS&M	Teileheber vertikal 4T-70175
	20.07.15		



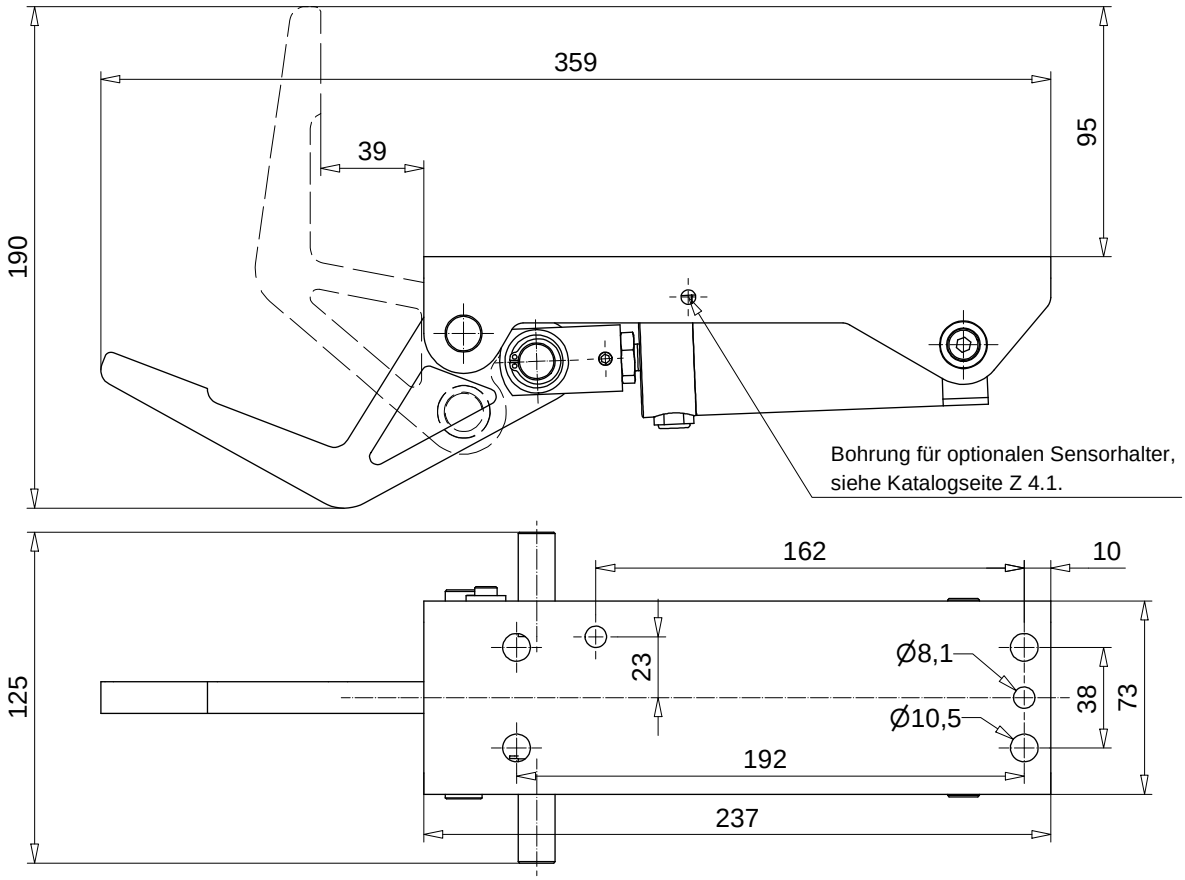
Teileheber horizontal einfachwirkend 4T-70163



Luftanschluß	G 1/8 "	Haltekraft bei 6 bar	212 N	Kunden-Nr.	
Betriebsdruck	max. 10 bar	Gewicht	2,3 kg		
WS&M Teileheber		Datum	WS&M	Teileheber horizontal 4T-70163	
		20.07.15			

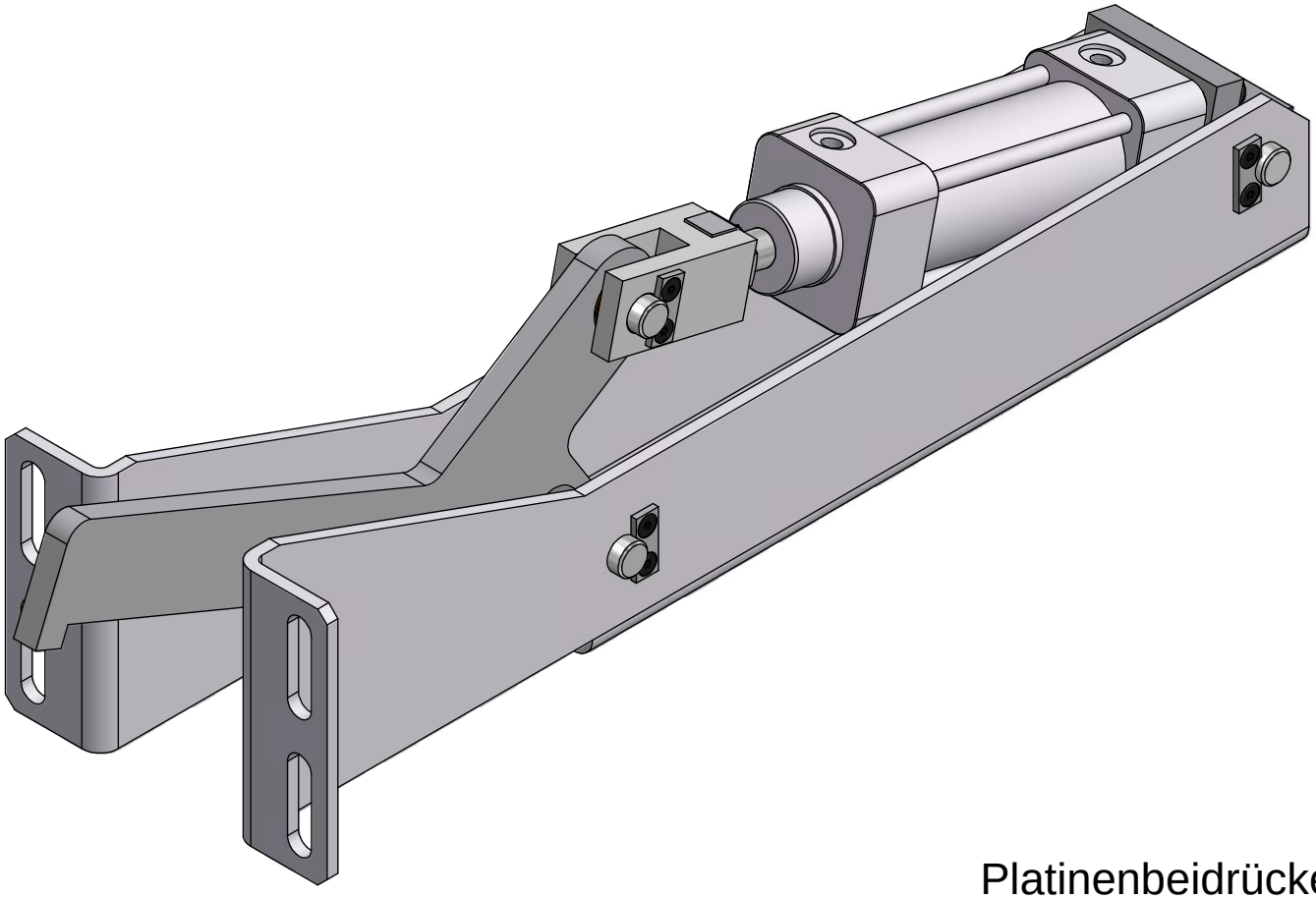


Teileheber vertikal einfachwirkend 4T-70173

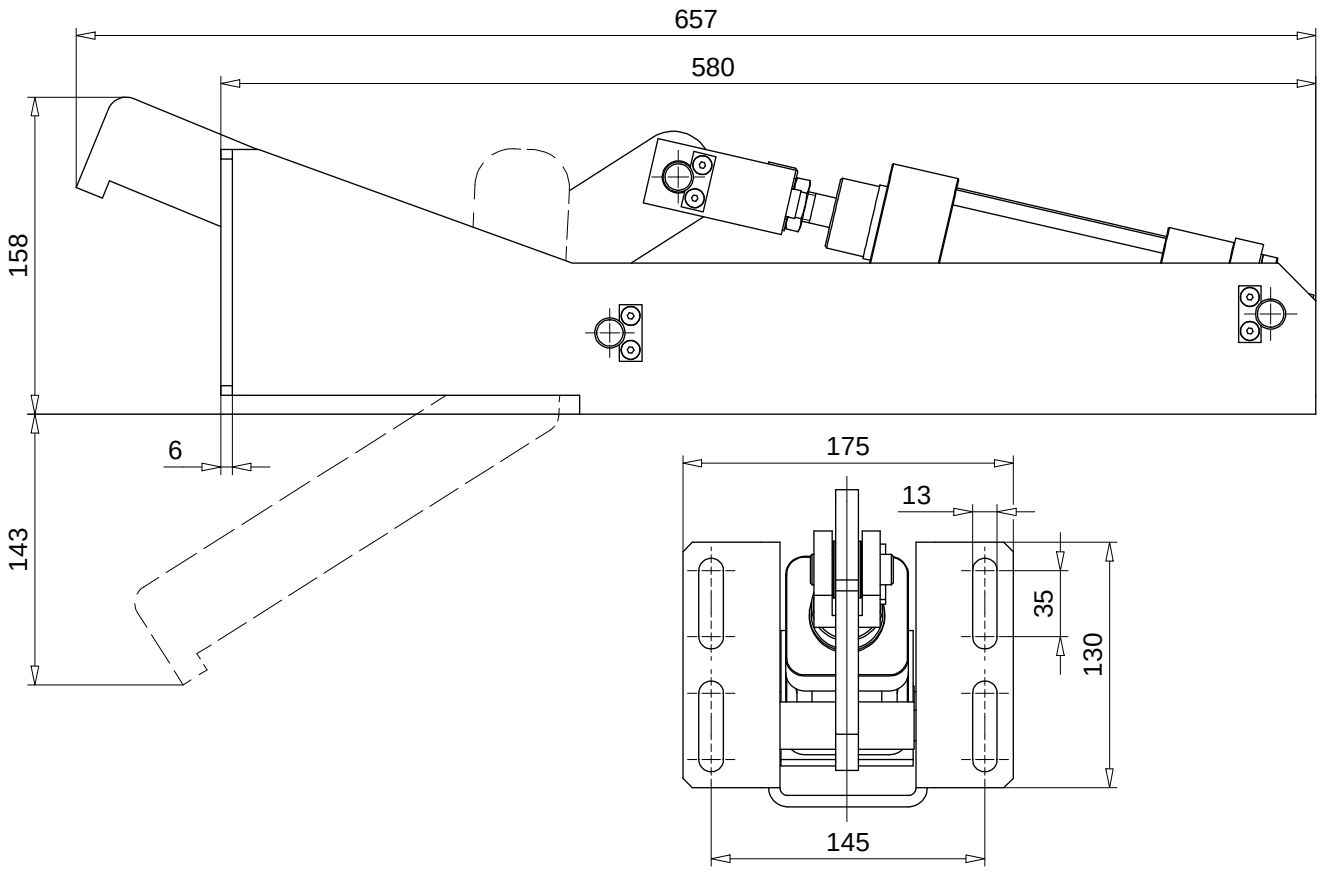


Luftanschluß	G 1/8 "	Haltekraft bei 6 bar	175 N	Kunden-Nr.	
Betriebsdruck	max. 10 bar	Gewicht	2,4 kg		

WS&M Teileheber	Datum	Teileheber vertikal 4T-70173
	20.07.15	

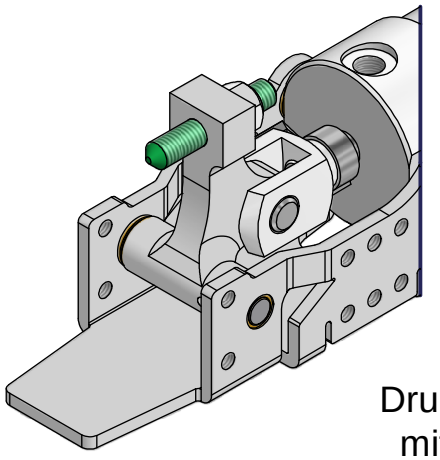


Platinenbeidrücker
BP-70410

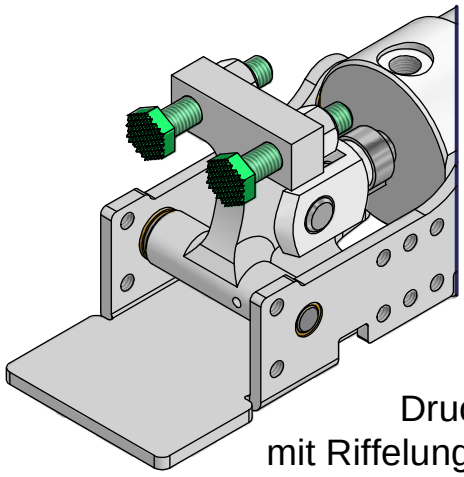


Luftanschluß	G 1/4 "	Klemmkraft bei 6 bar	275 N	Kunden-Nr.	B8 7007 0531319
Betriebsdruck	max. 10 bar	Gewicht	11,35 kg		

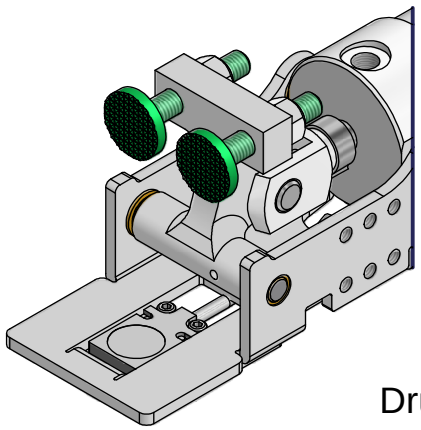
WS&M Zubehör	Datum	WS&M	Platinenbeidrücker BP-70410
	20.07.15		



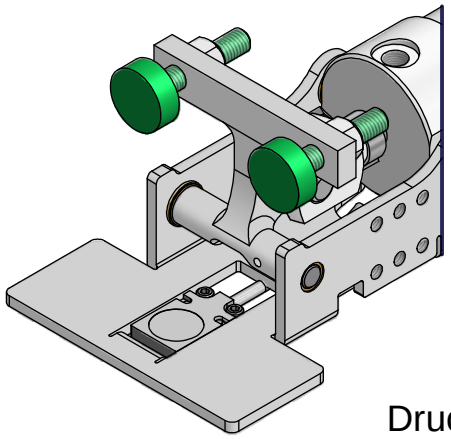
Druckstück
mit Spitze



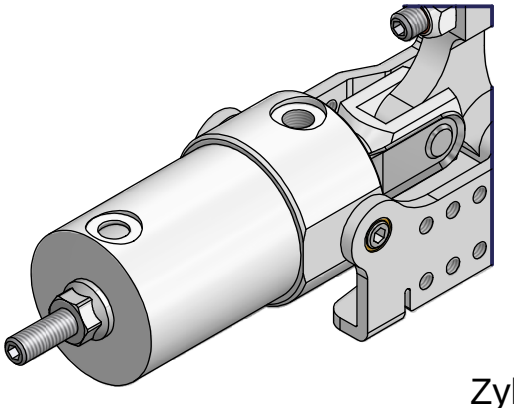
Druckstück
mit Riffelung SW13



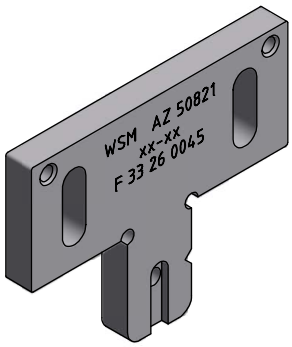
Druckstück
mit Riffelung Ø22 (Ø26)



Druckstück
mit PU-Kappe Ø22 (Ø26)

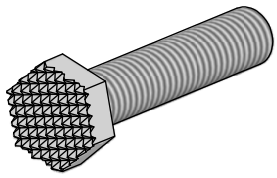


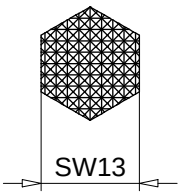
Zylinder
mit Hubbegrenzung

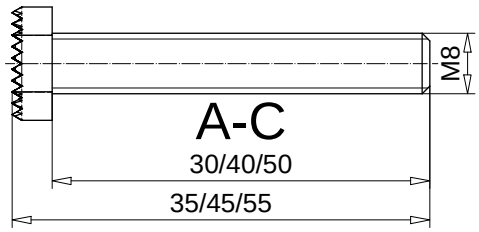


Halter für Teileablage
AZ-50821

Druckstück mit Riffelung SW 13

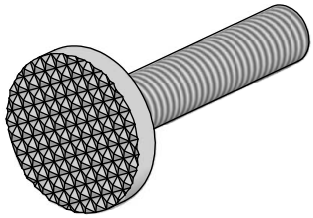


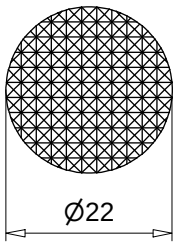


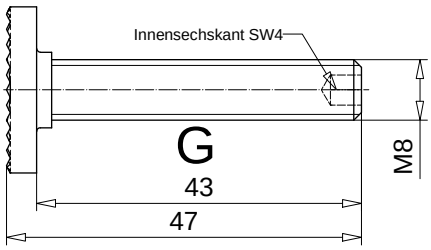


Bezeichnung		Gewinde	Art.-Nr.	F-Nr.
A	Druckstück mit Riffelung SW 13	M8x30	SD-60111	F 33 26 0068
B	Druckstück mit Riffelung SW 13	M8x40	SD-60112	F 33 26 0069
C	Druckstück mit Riffelung SW 13	M8x50	SD-60113	F 33 26 0070

Druckstück mit Riffelung Ø 22

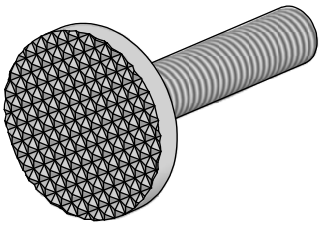


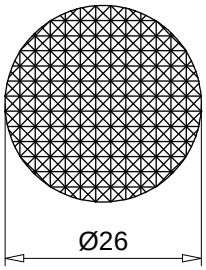


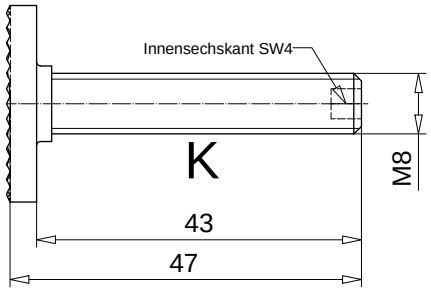


Bezeichnung		Gewinde	Art.-Nr.	F-Nr.
G	Druckstück mit Riffelung Ø 22	M8x43	SD-60122	F 33 26 0072

Druckstück mit Riffelung Ø 26

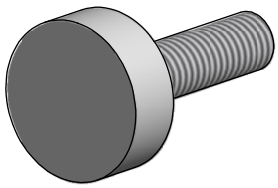


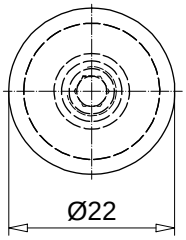


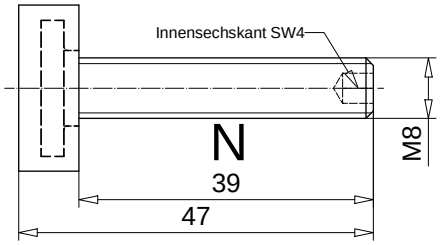


Bezeichnung		Gewinde	Art.-Nr.	F-Nr.
K	Druckstück mit Riffelung Ø 26	M8x43	SD-60126	F 33 26 0074

Druckstück mit PU-Kappe Ø 22

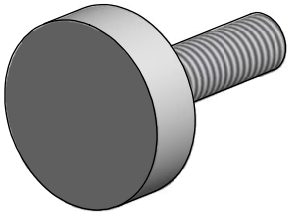


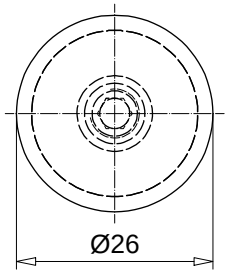


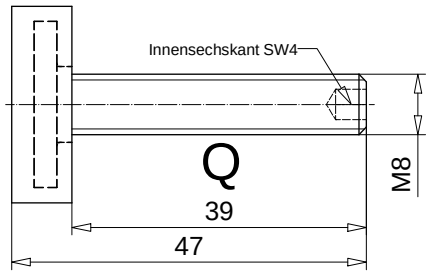


Bezeichnung		Gewinde	Art.-Nr.	F-Nr.
N	Druckstück mit PU-Kappe Ø 22	M8x39	SD-60152	F 33 26 0076

Druckstück mit PU-Kappe Ø 26

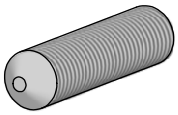


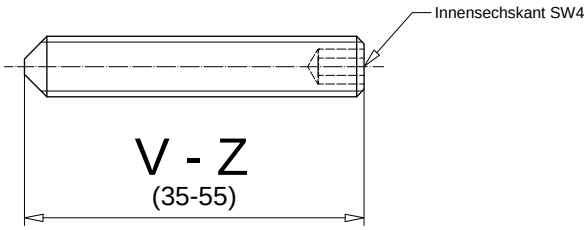




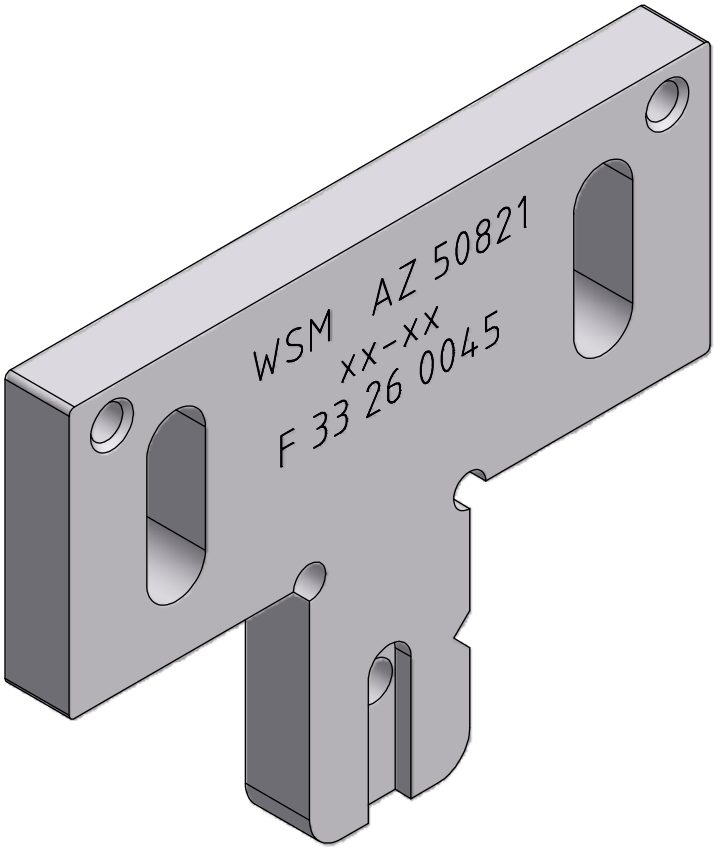
Bezeichnung		Gewinde	Art.-Nr.	F-Nr.
Q	Druckstück mit PU-Kappe Ø 26	M8x39	SD-60156	F 33 26 0078

Druckstück mit Spitze

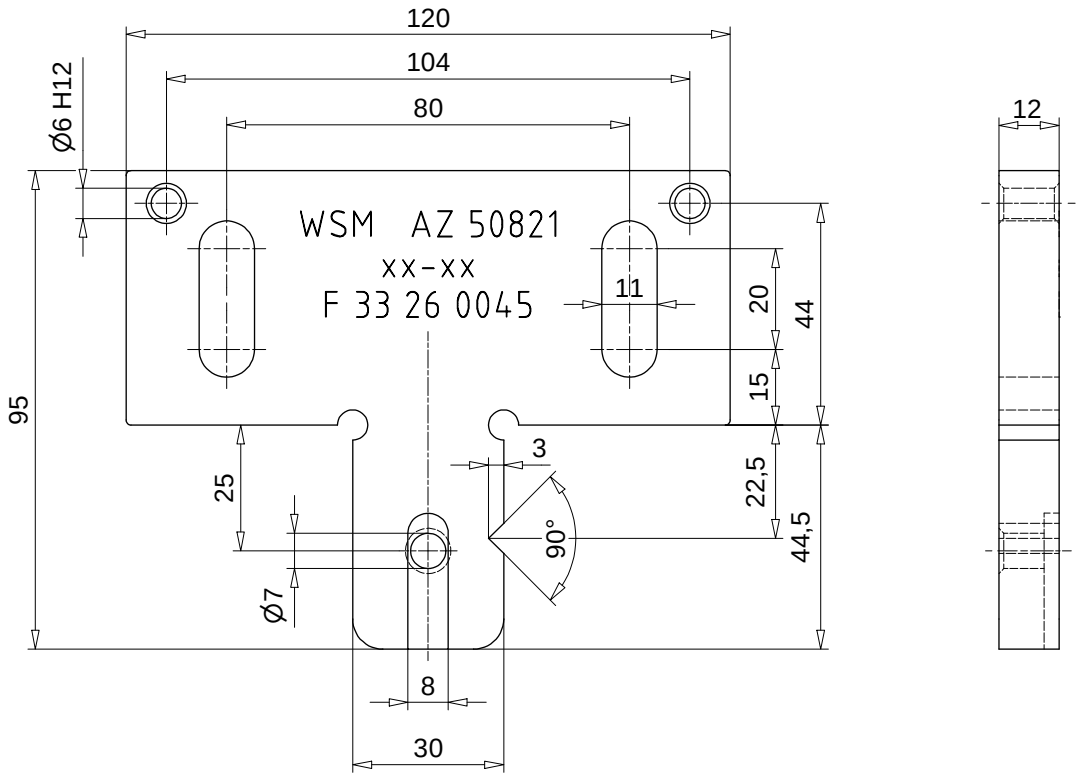




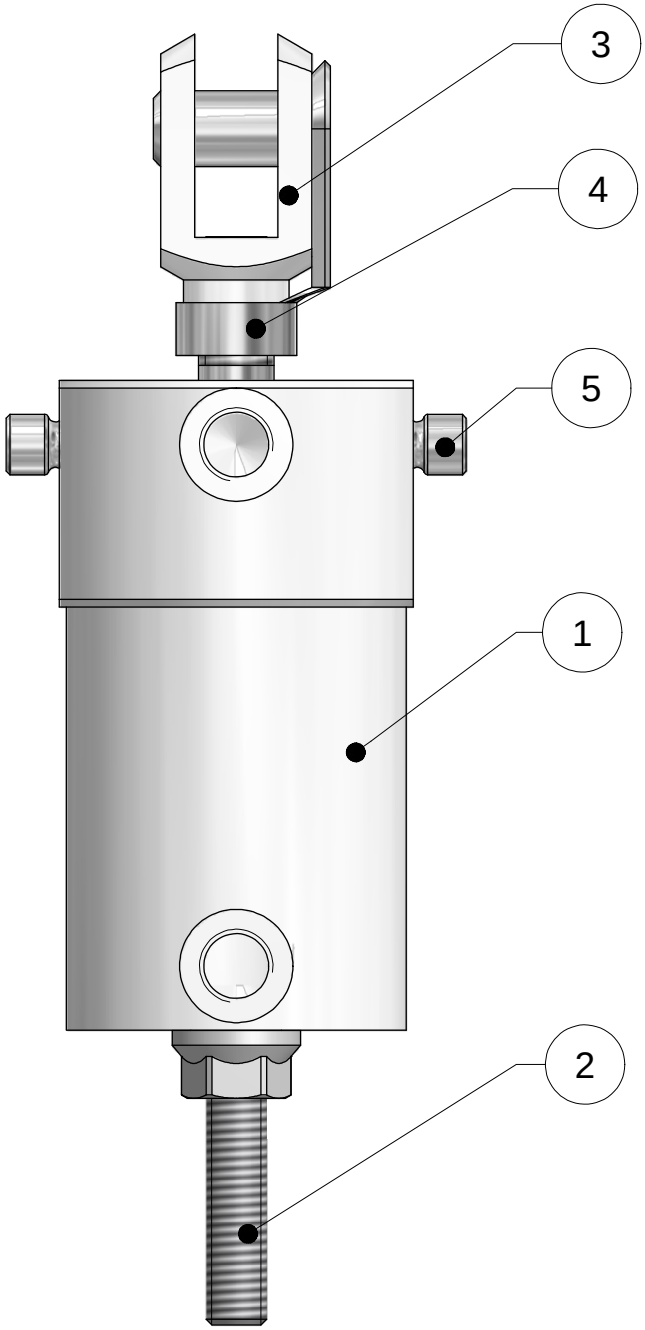
Bezeichnung		Gewinde	Art.-Nr.	F-Nr.
V	Druckstück mit Spitze	M8x55	SD-60179	
W	Druckstück mit Spitze	M8x50	SD-60177	
X	Druckstück mit Spitze)	M8x45	SD-60175	
Y	Druckstück mit Spitze	M8x40	SD-60173	
Z	Druckstück mit Spitze	M8x35	SD-60171	



Halter für Teileablage AZ-50821

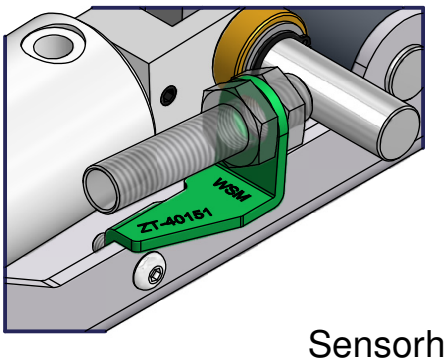


				Kunden-Nr.	F 33 26 0045
		Gewicht	0,6 kg		
WS&M Teileablage		Datum	WS&M	Halter für Teileablage AZ-50821	
		20.07.15			

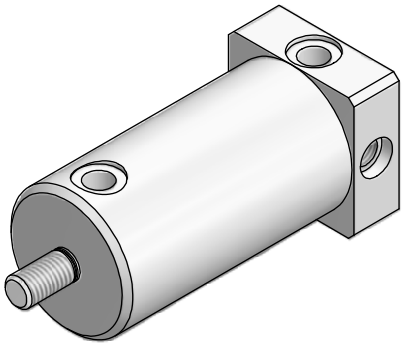


Pos.	Bezeichnung	Stk.	Art.-Nr.	Kunden-Nr.
1	Pneumatikzylinder Ø40	1	ZG-20101	F 33 91 0013
2	Hubbegrenzung mit Dichtmutter	1		
3	Gabelkopf (justiert+verstiftet)	1		
4	Federklappbolzen	1		
5	Schwenkzapfen	2		

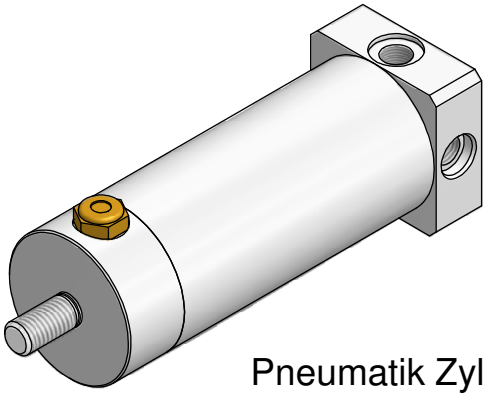
WS&M Klemmgreiferzubehör	Datum	Zylinder-Umrüstsatz ZG-20101
	20.07.15	



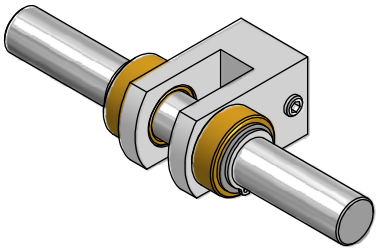
Sensorhalter
ZT-40151



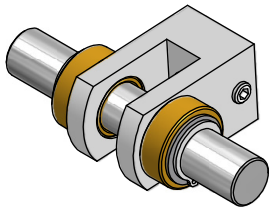
Pneumatik Zylinder
ZT-40201



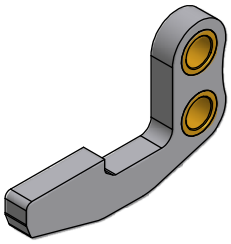
Pneumatik Zylinder
einfachwirkend
ZT-40211



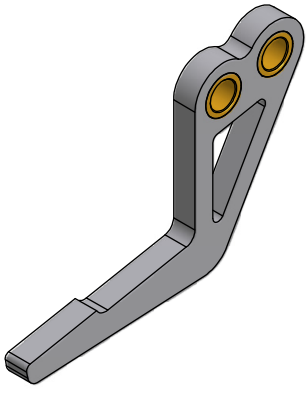
Gabelkopfsatz
ZT-40101



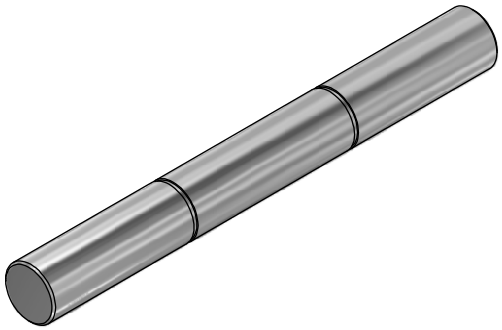
Gabelkopfsatz
ZT-40102



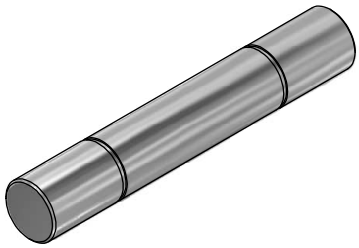
Klinke
ZT-40501



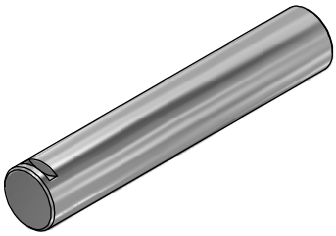
Klinke
ZT-40511



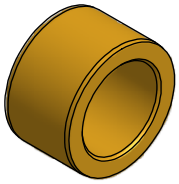
Schaltstange
ZT-40421



Schaltstange
ZT-40422

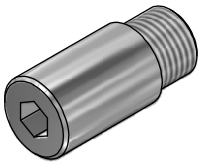


Lagerbolzen
ZT-40302



Lagerbuchse Klinke
ZT-40521

Bundlager, hinten
ZT-40601

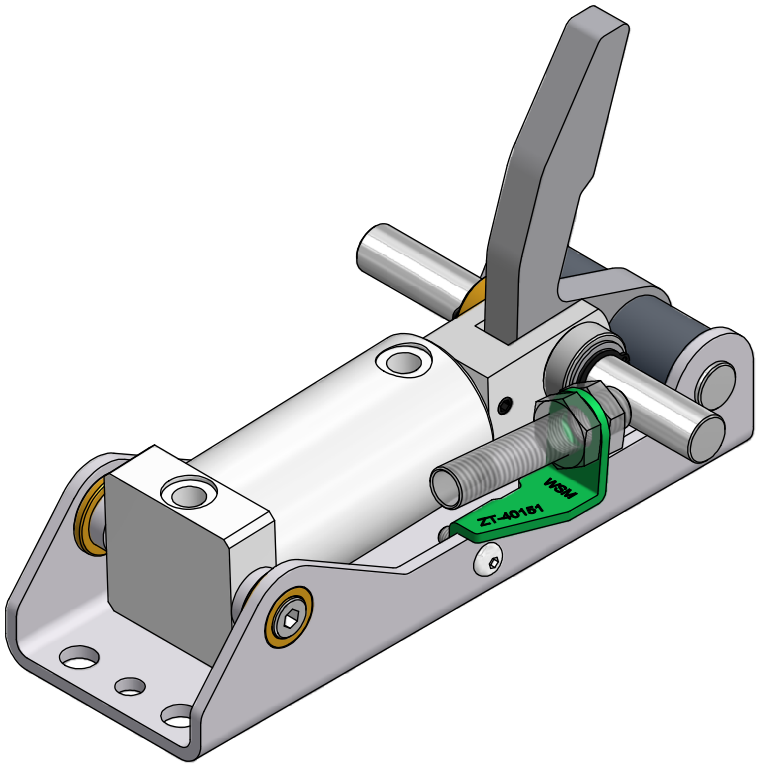


Schwenkzapfen
ZT-40611

WS&M Teileheber	Datum	WS&M	Teileheber - Zubehör
	20.07.15		

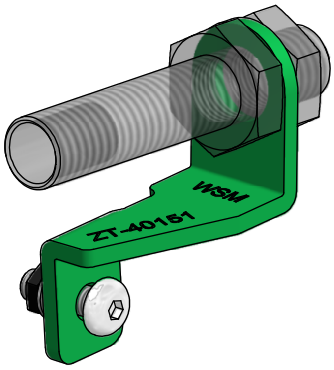
Sensorhalter

Anbaubeispiel an Teileheber 4T-70161



Sensorhalter

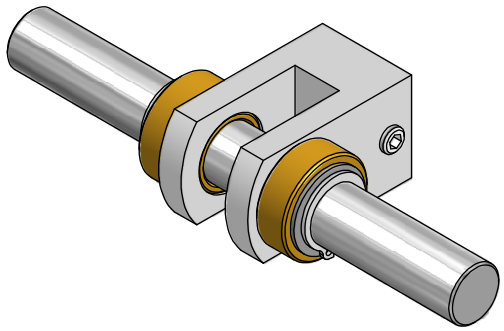
für Teileheber 4T-70161 + 4T-70171 + 4T-70163 + 4T-70173



Lieferumfang	Stk.	Art.-Nr.	Kd. Art-Nr.
Mutter, selbstsichernd	1	ZT-40151	
Sicherungsscheibe	1		
Linsenkopfschraube	1		
Sensorhalter	1		

Gabelkopfsatz

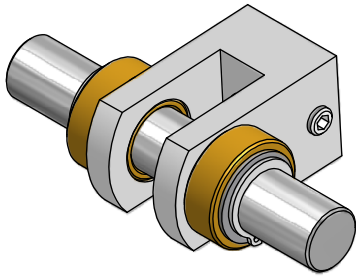
für Teileheber 4T-70161 + 4T-70163



Lieferumfang	Stk.	Art.-Nr.	Kd. Art-Nr.
Gewindestift	1	ZT-40101	
Paßscheibe	2		
Sicherungsring	2		
Bundlager	2		
Gabelkopf	1		
Schaltstange	1		

Gabelkopfsatz

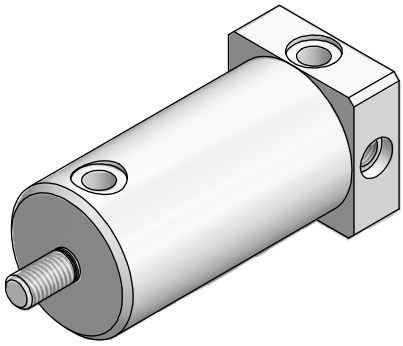
für Teileheber 4T-70171 + 4T-70173



Lieferumfang	Stk.	Art.-Nr.	Kd. Art-Nr.
Gewindestift	1	ZT-40102	
Paßscheibe	2		
Sicherungsring	2		
Bundlager	2		
Gabelkopf	1		
Schaltstange	1		

Pneumatik Zylinder

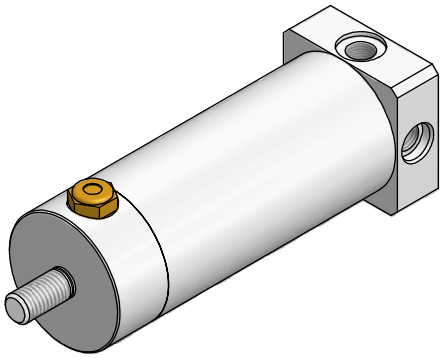
für Teileheber 4T-70161 + 4T-70171



Lieferumfang	Stk.	Art.-Nr.	Kd. Art-Nr.
Pneumatik Zylinder	1	ZT-40201	

Pneumatik Zylinder einfachwirkend

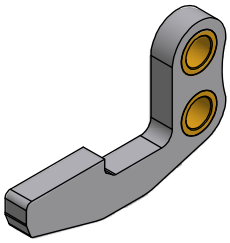
für Teileheber 4T-70163 + 4T-70173



Lieferumfang	Stk.	Art.-Nr.	Kd. Art-Nr.
Pneumatik Zyl., einfachwirkend	1	ZT-40211	

Klinke

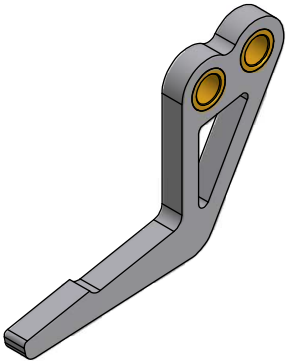
für Teileheber 4T-70161 + 4T-70163



Lieferumfang	Stk.	Art.-Nr.	Kd. Art-Nr.
Klinke	1	ZT-40501	
Lagerbuchse	2		

Klinke

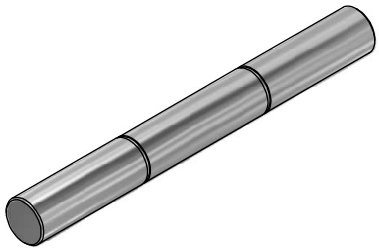
für Teileheber 4T-70171 + 4T-70173



Lieferumfang	Stk.	Art.-Nr.	Kd. Art-Nr.
Klinke	1	ZT-40511	
Lagerbuchse	2		

Schaltstange

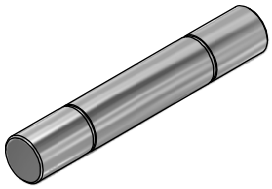
für Teileheber 4T-70161 + 4T-70163



Lieferumfang	Stk.	Art.-Nr.	Kd. Art-Nr.
Schaltstange	1	ZT-40421	

Schaltstange

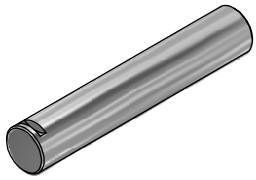
für Teileheber 4T-70171 + 4T-70173



Lieferumfang	Stk.	Art.-Nr.	Kd. Art-Nr.
Schaltstange	1	ZT-40422	

Lagerbolzen

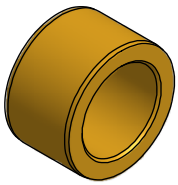
für Teileheber 4T-70161, 4T-70163 + 4T-70171, 4T-70173



Lieferumfang	Stk.	Art.-Nr.	Kd. Art-Nr.
Lagerbolzen	1	ZT-40302	

Lagerbuchse

für Klinke Teileheber 4T-70161, 4T-70163 + 4T-70171, 4T-70173



Lieferumfang	Stk.	Art.-Nr.	Kd. Art-Nr.
Lagerbuchse	2	ZT-40521	

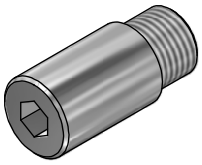
Bundlager, hinten

für Pneumatik Zylinder Teileheber 4T-70161, 4T-70163 + 4T-70171, 4T-70173

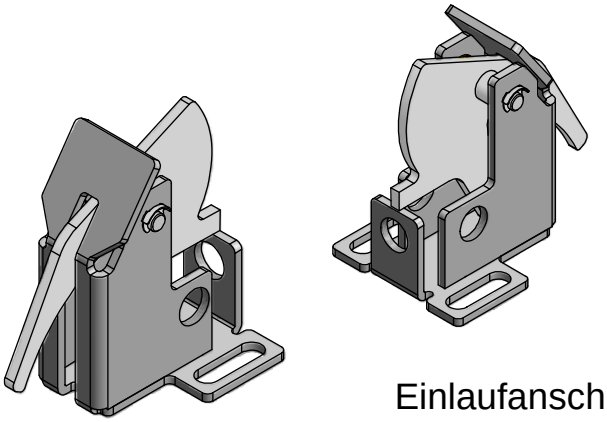
Lieferumfang	Stk.	Art.-Nr.	Kd. Art-Nr.
Bundlager	2	ZT-40601	

Schwenkzapfen

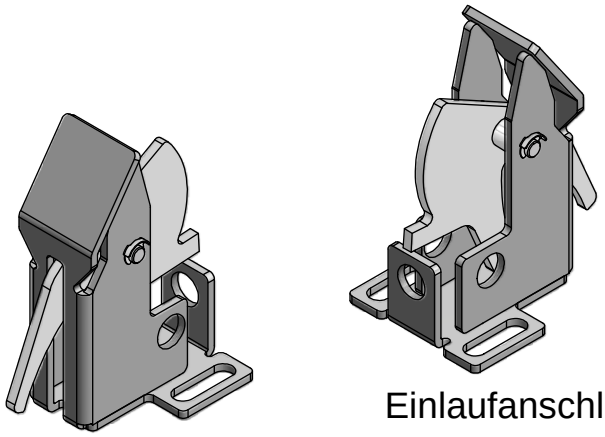
für Teileheber 4T-70161, 4T-70163 + 4T-70171, 4T-70173



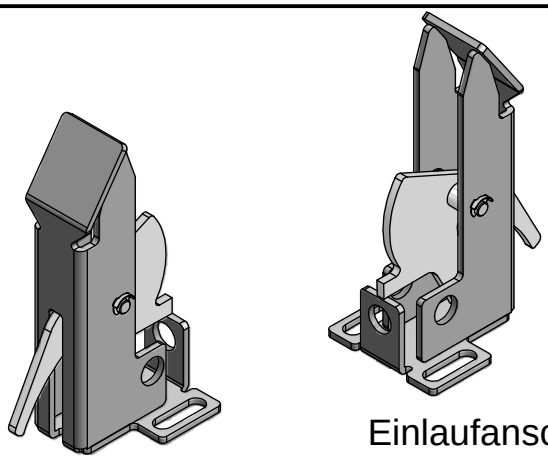
Lieferumfang	Stk.	Art.-Nr.	Kd. Art-Nr.
Schwenkzapfen	2	ZT-40611	



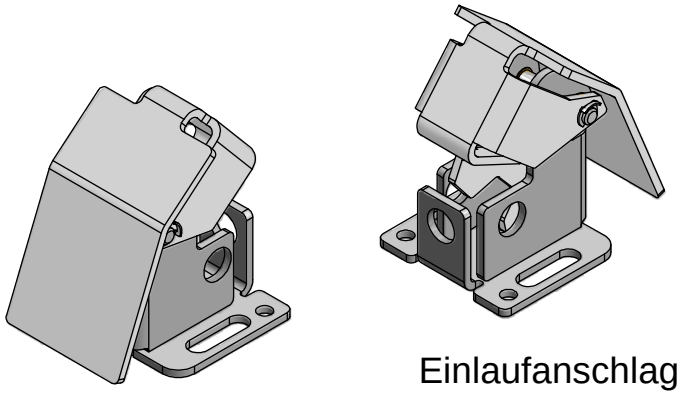
Einlaufanschlag
vertikal VA-70511



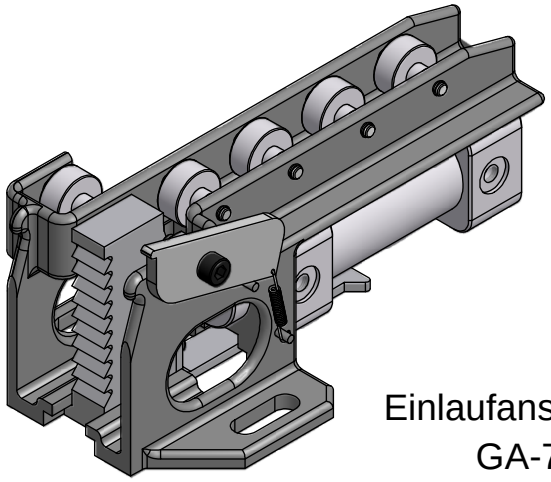
Einlaufanschlag
vertikal VA-70521



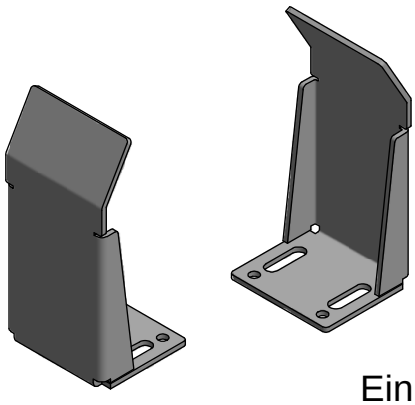
Einlaufanschlag
vertikal VA-70531



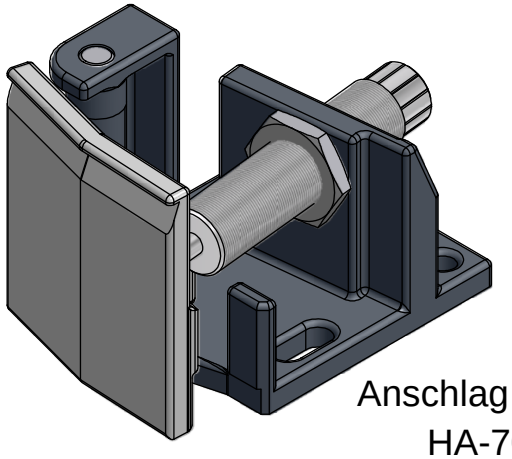
Einlaufanschlag
vertikal VA-70625



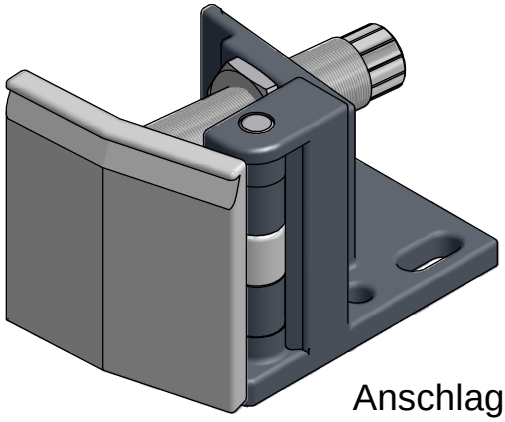
Einlaufanschlag
GA-70630



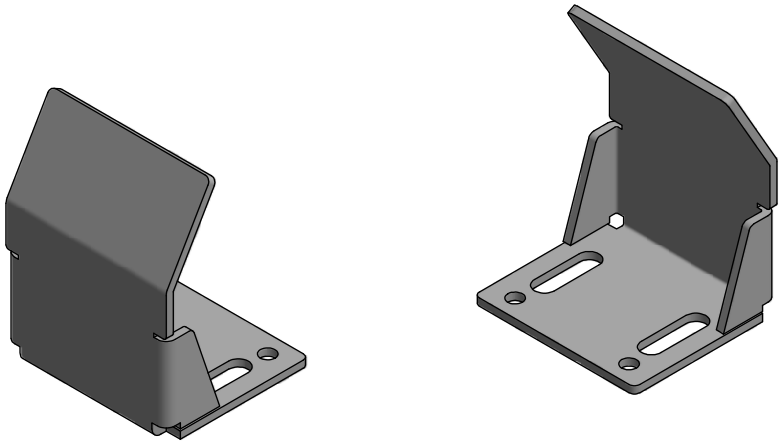
Einlaufblech
VA-7055x



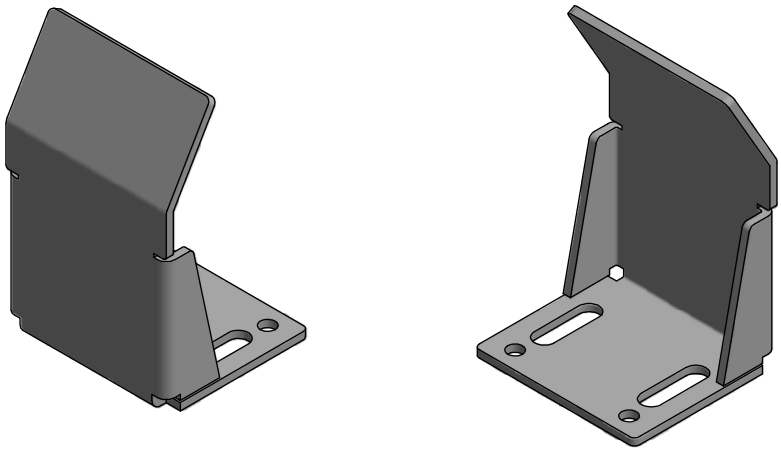
Anschlag links
HA-70610



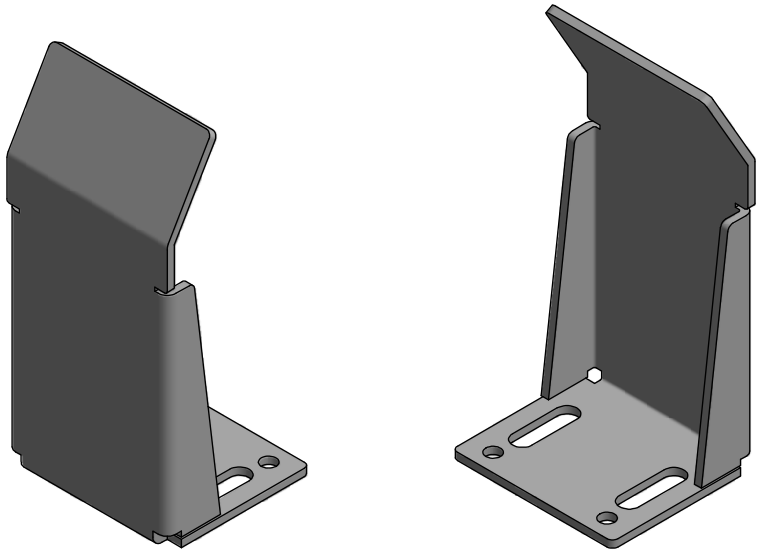
Anschlag rechts
HA-70620



Einlaufblech
VA-70553

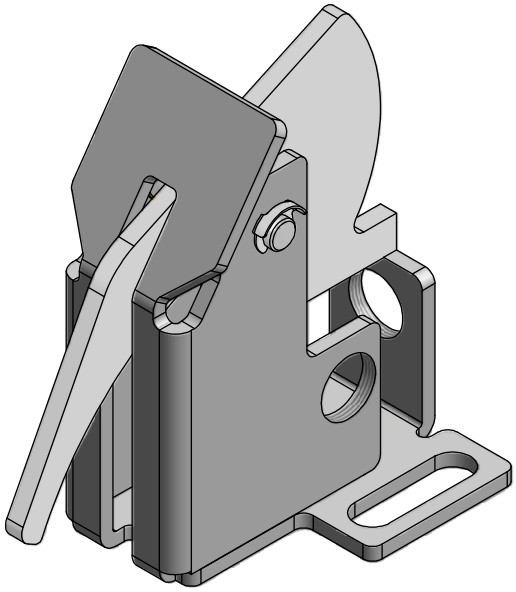


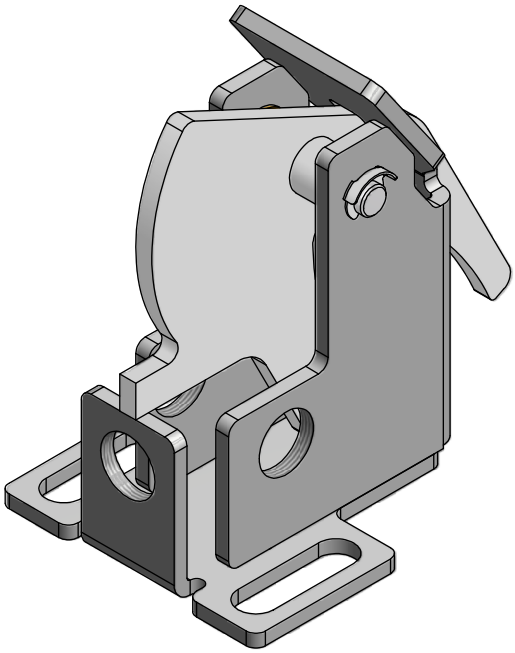
Einlaufblech
VA-70554



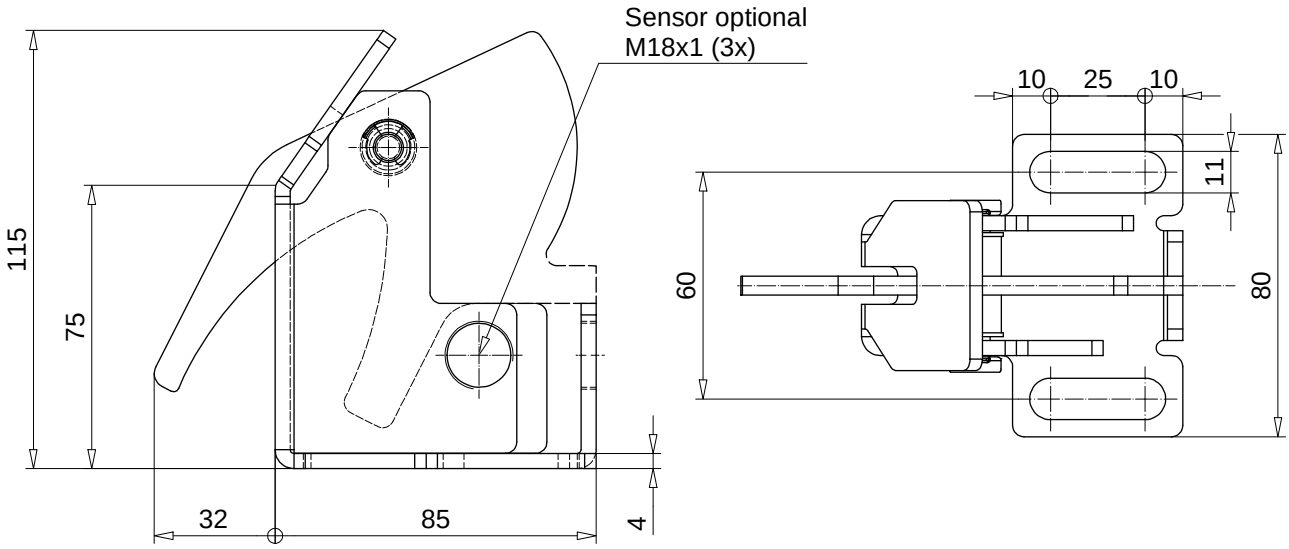
Einlaufblech
VA-70555

WS&M Einlaufbleche	Datum	WS&M	Einlaufbleche VA-7055x
	20.07.15		

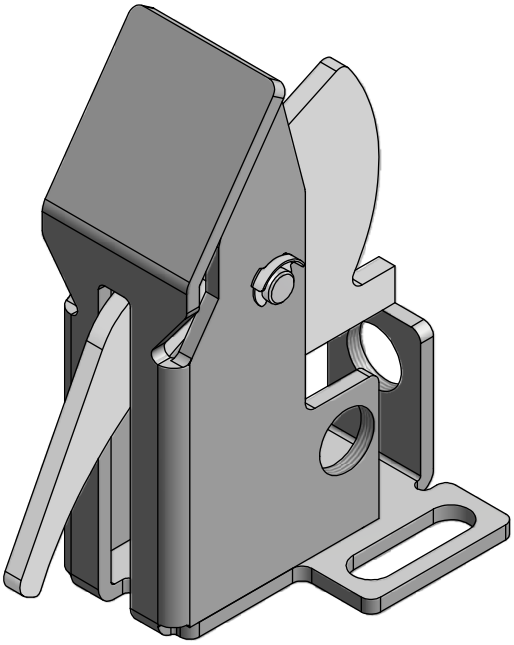


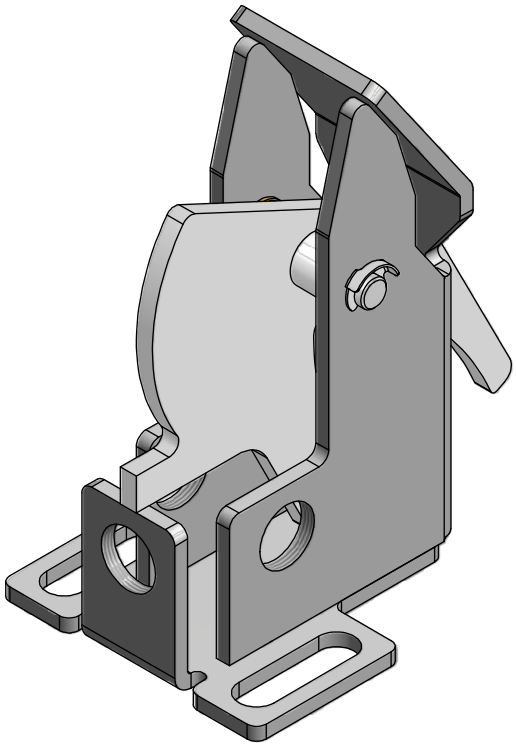


Einlaufanschlag vertikal
VA-70511

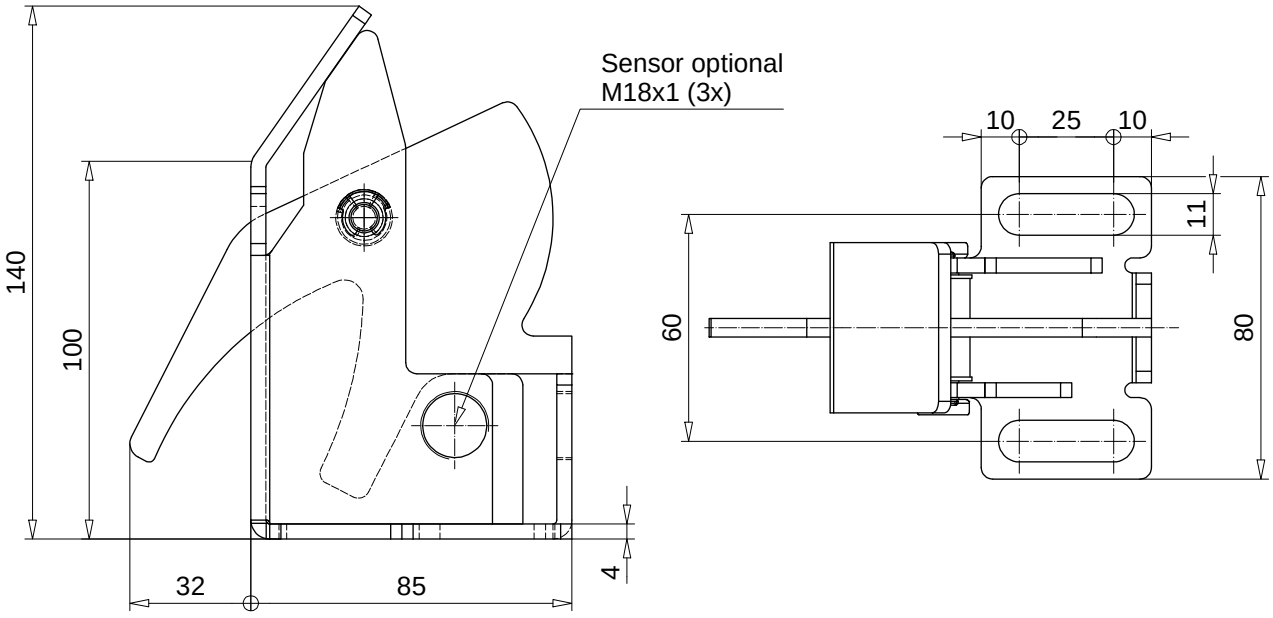


Nennhöhe	75 mm			Kunden-Nr.	F 33 26 0203
Gewicht	0,85 kg			GMGDS-Code	90.35.35-075
WS&M Anschläge		Datum	WS&M	Einlaufanschlag vertikal VA-70511	
		20.07.15			

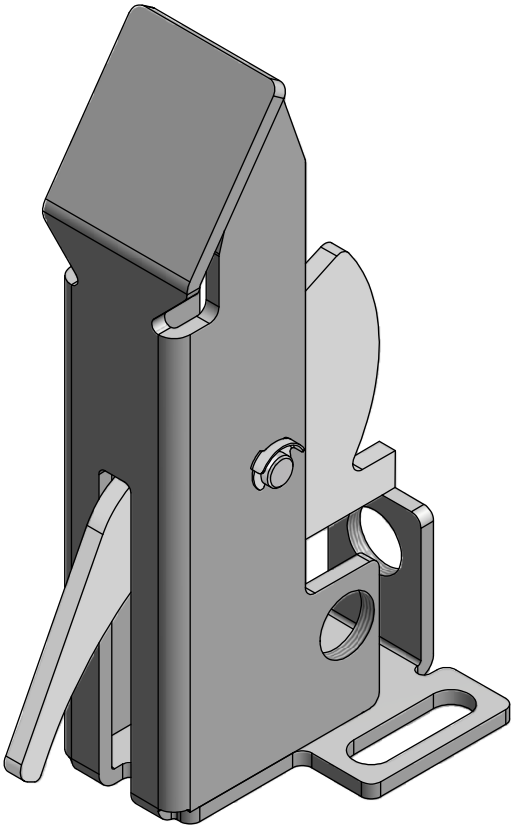


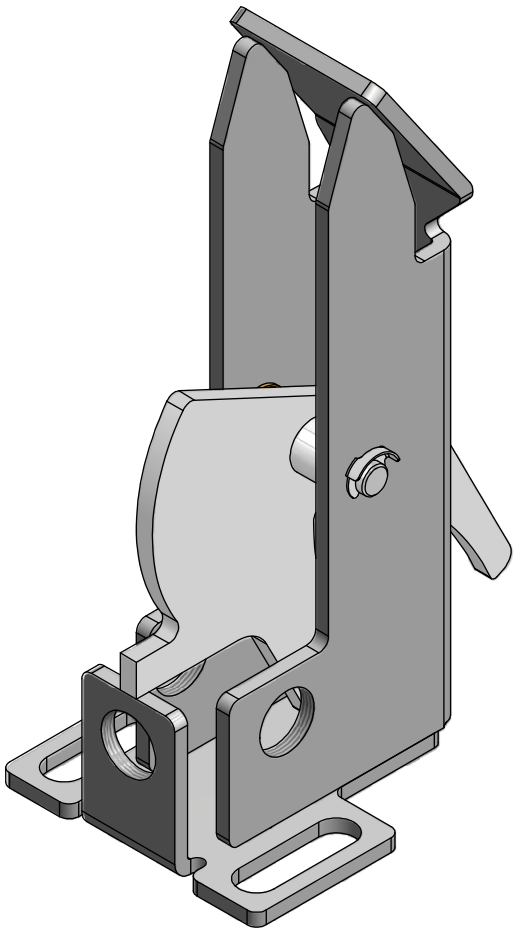


Einlaufanschlag vertikal
VA-70521

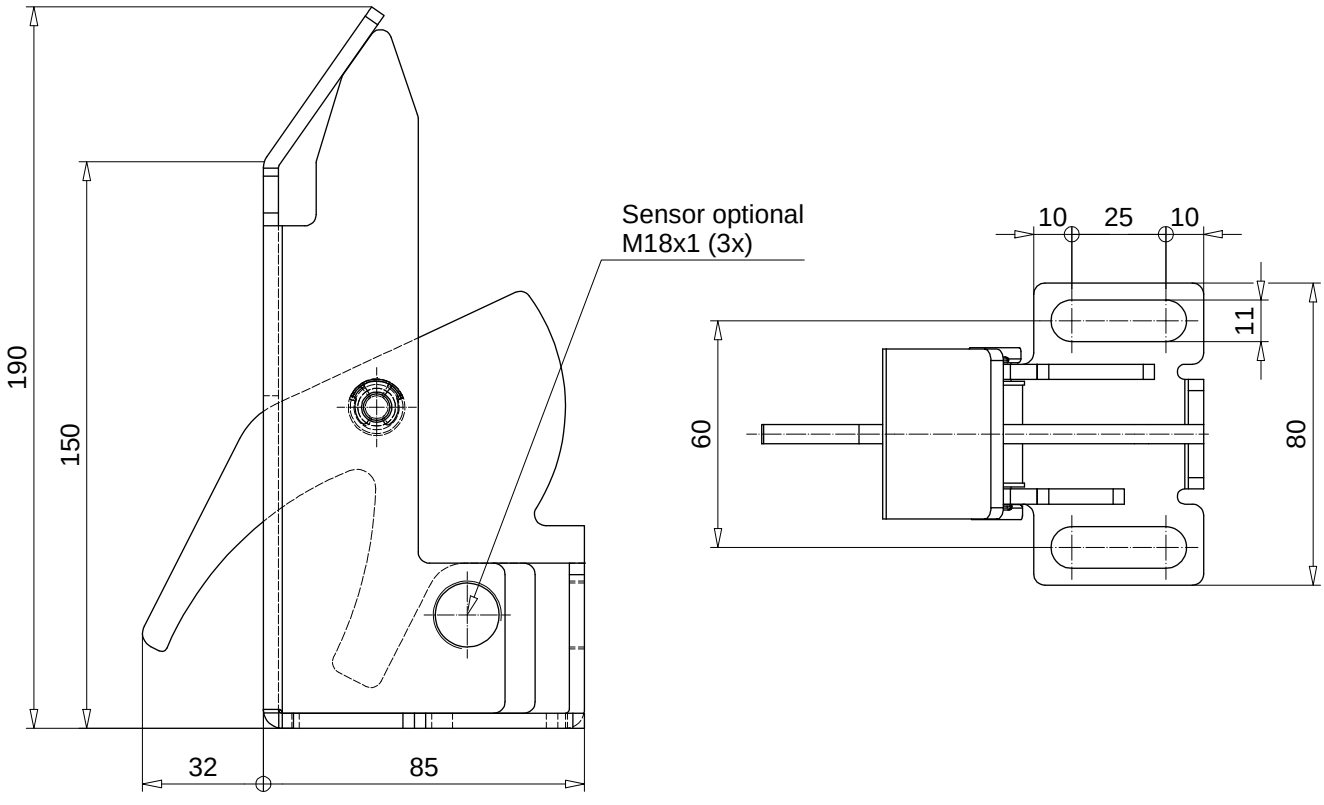


Nennhöhe	100 mm			Kunden-Nr.	F 33 26 0204
Gewicht	0,9 kg			GMGDS-Code	90.35.35-100
WS&M Anschläge		Datum	WS&M	Einlaufanschlag vertikal VA-70521	
		20.07.15			

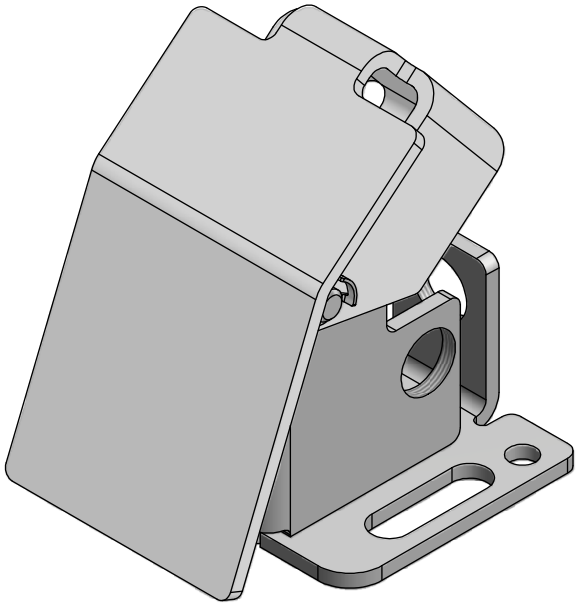


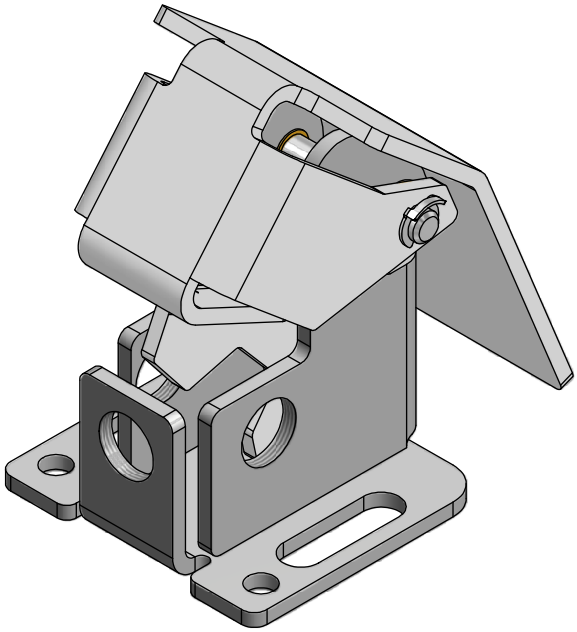


Einlaufanschlag vertikal
VA-70531

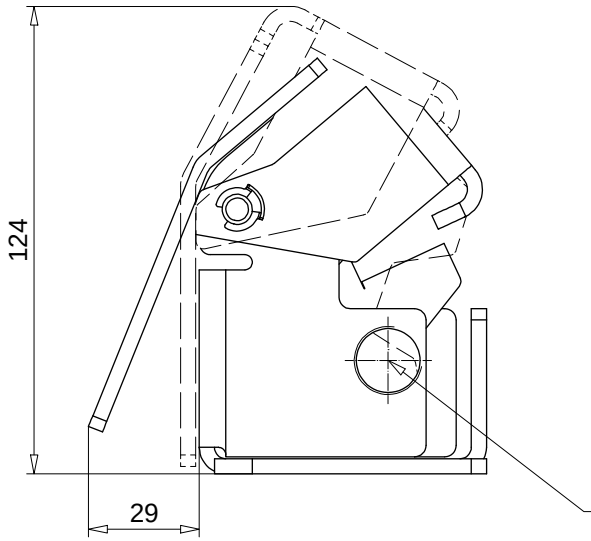


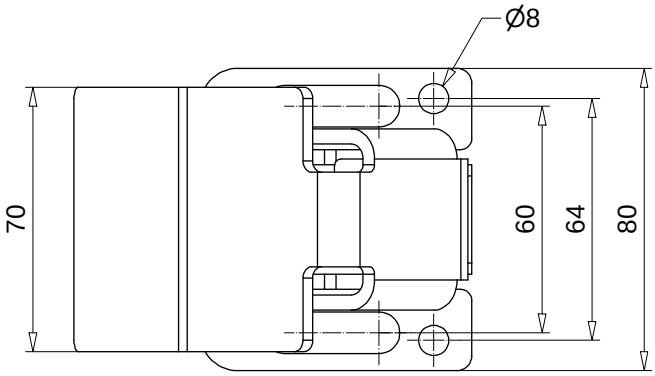
Nennhöhe	150 mm			Kunden-Nr.	F 33 26 0205
Gewicht	1,1 kg			GMGDS-Code	90.35.35-150
WS&M Anschläge		Datum	WS&M	Einlaufanschlag vertikal VA-70531	
		20.07.15			





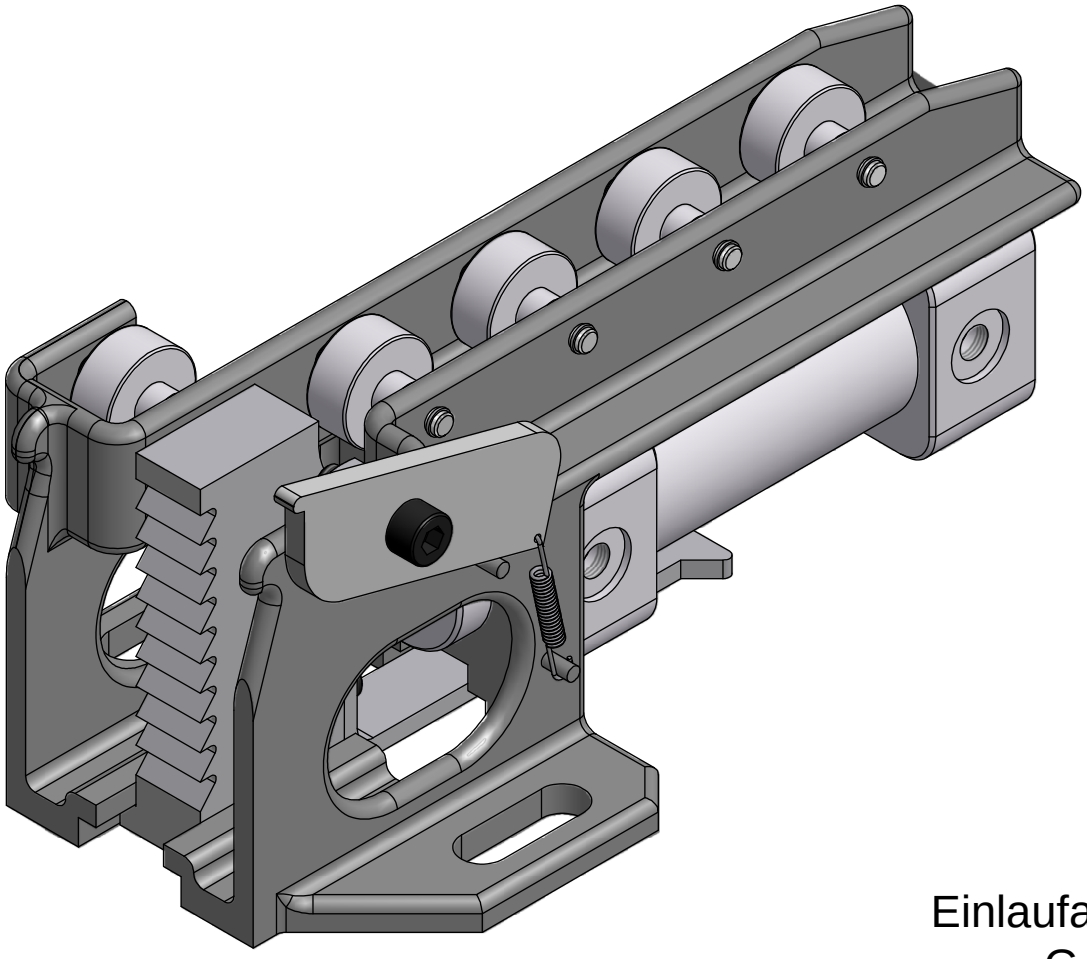
Einlaufanschlag vertikal
VA-70625



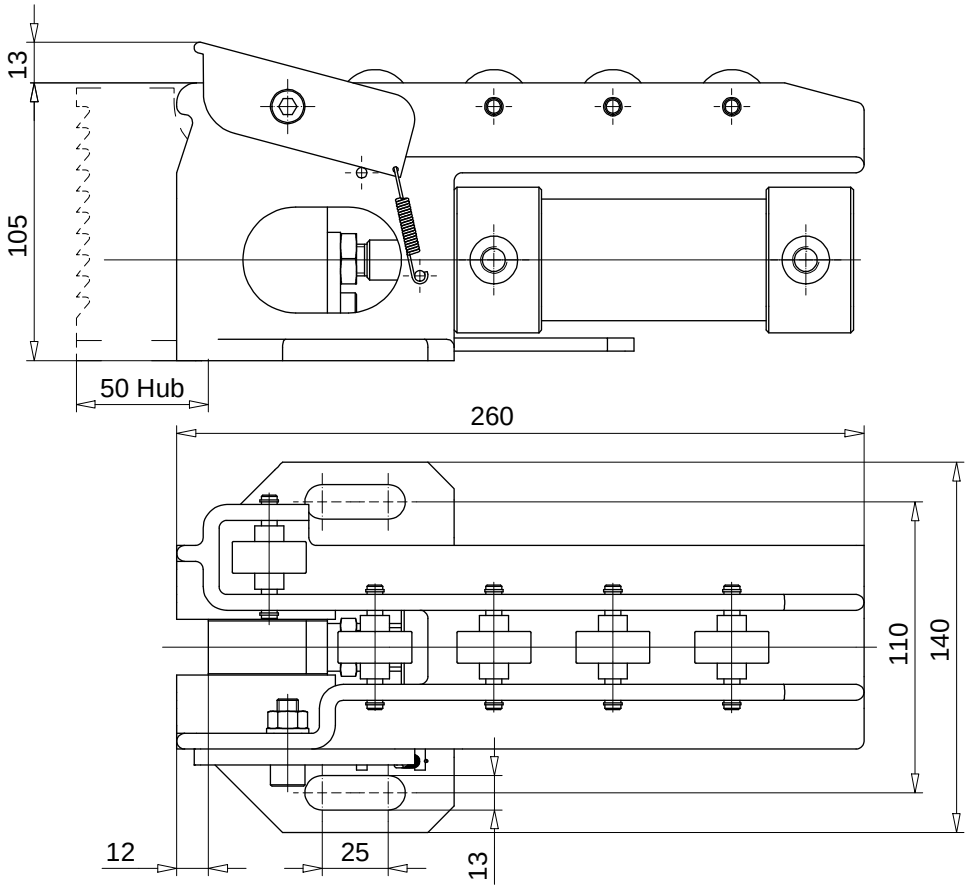


Sensor optional
M18x1 (3x)

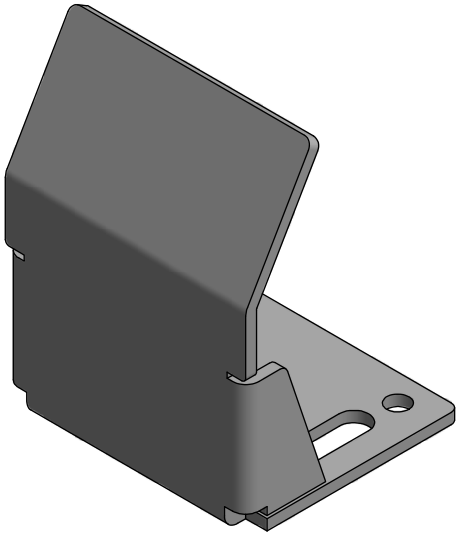
Nennhöhe	75 mm			Kunden-Nr.	F 33 26 0066
Gewicht	1,0 Kg				
WS&M Anschläge		Datum	WS&M	Einlaufanschlag vertikal VA-70625	
		20.07.15			

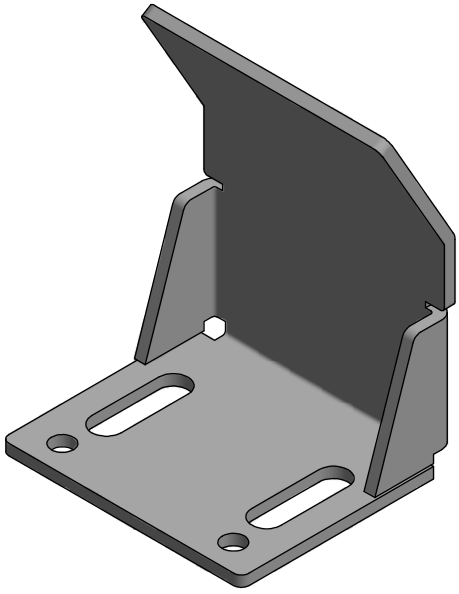


Einlaufanschlag
GA-70630

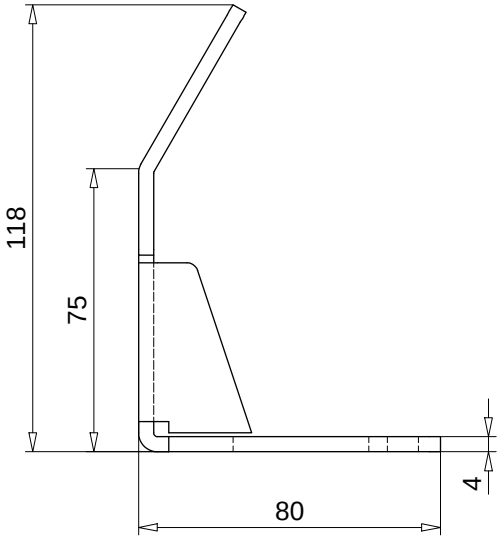


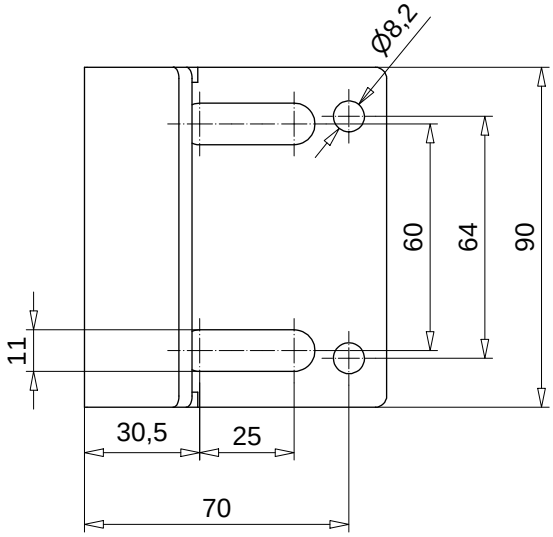
Luftanschluß	G 1/4 "	Klemmkraft bei 6 bar	750 N	Kunden-Nr.	F 33 26 0048
Betriebsdruck	max. 10 bar	Gewicht	5 kg		
WS&M Anschläge		Datum	WS&M	Einlaufanschlag GA-70630	
		20.07.15			



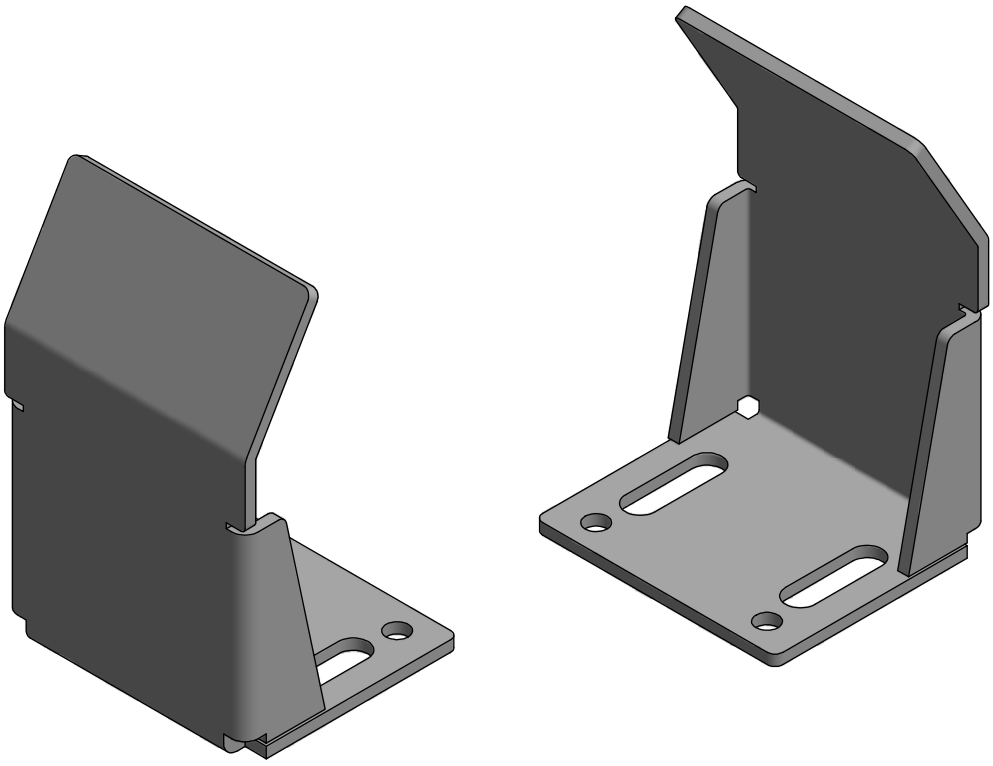


Einlaufblech
VA-70553

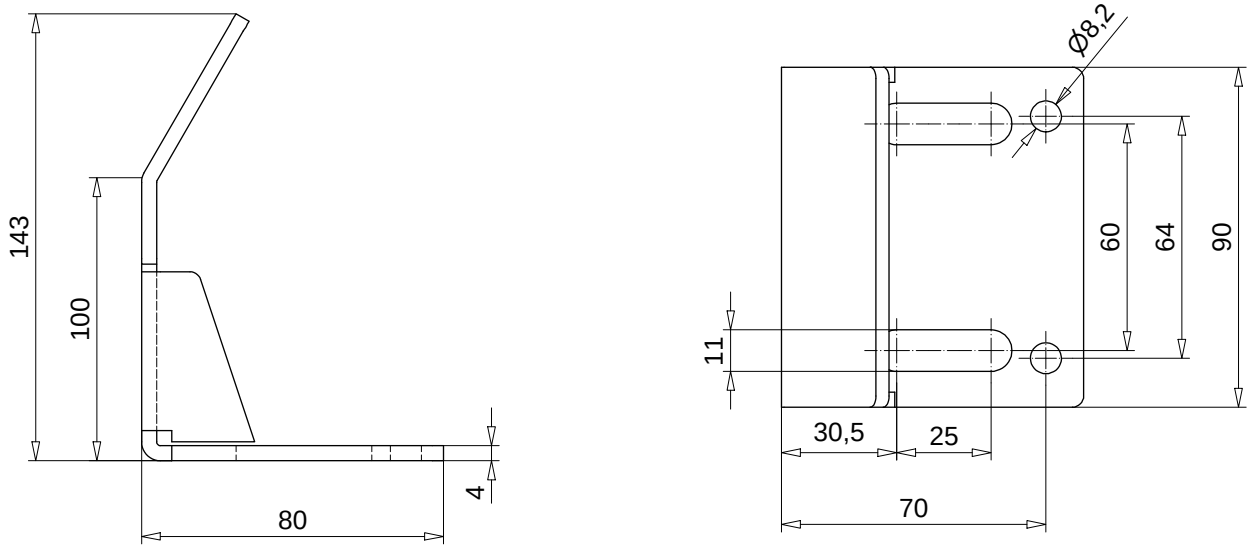




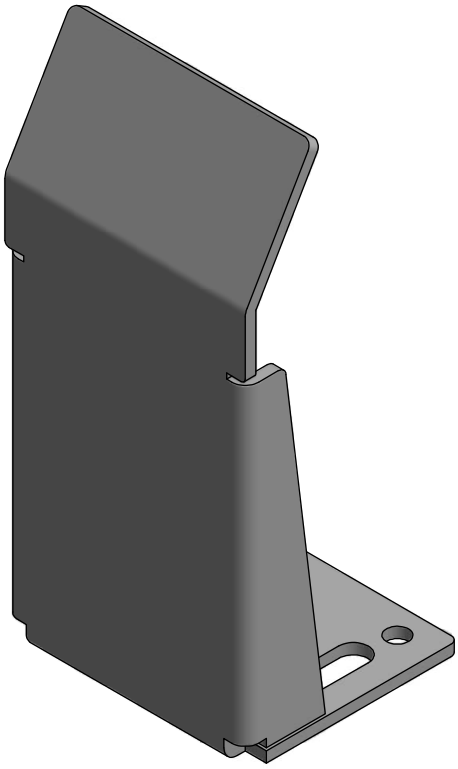
Nennhöhe	75mm			Kunden-Nr.	F 33 26 0063
Gewicht	0,60 kg				
WS&M Einlaufbleche		Datum	WS&M	Einlaufblech VA-70553	
		20.07.15			

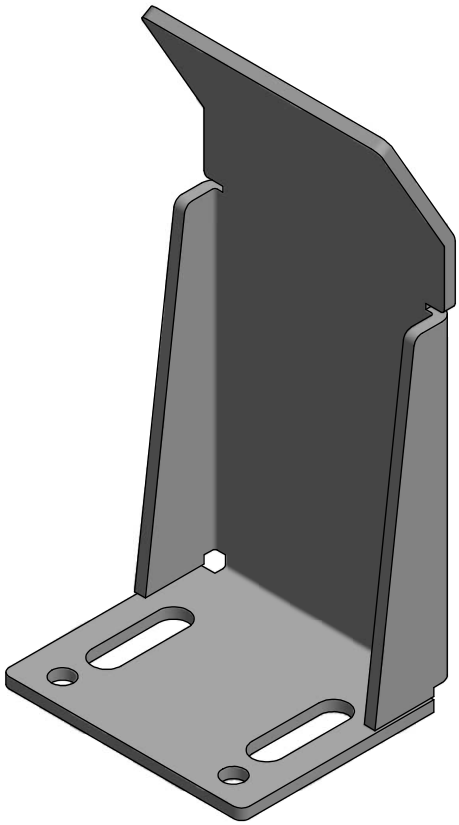


Einlaufblech
VA-70554

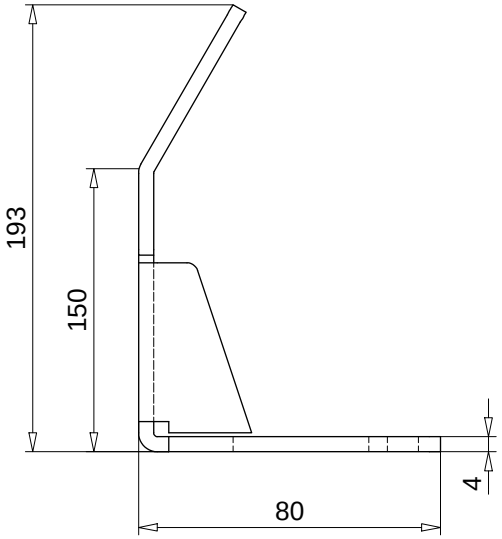


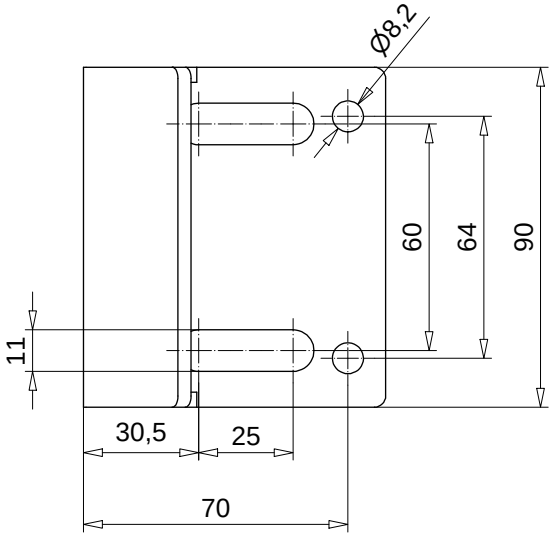
Nennhöhe	100mm			Kunden-Nr.	F 33 26 0064
Gewicht	0,70 kg				
WS&M Einlaufbleche		Datum	WS&M	Einlaufblech VA-70554	
		20.07.15			



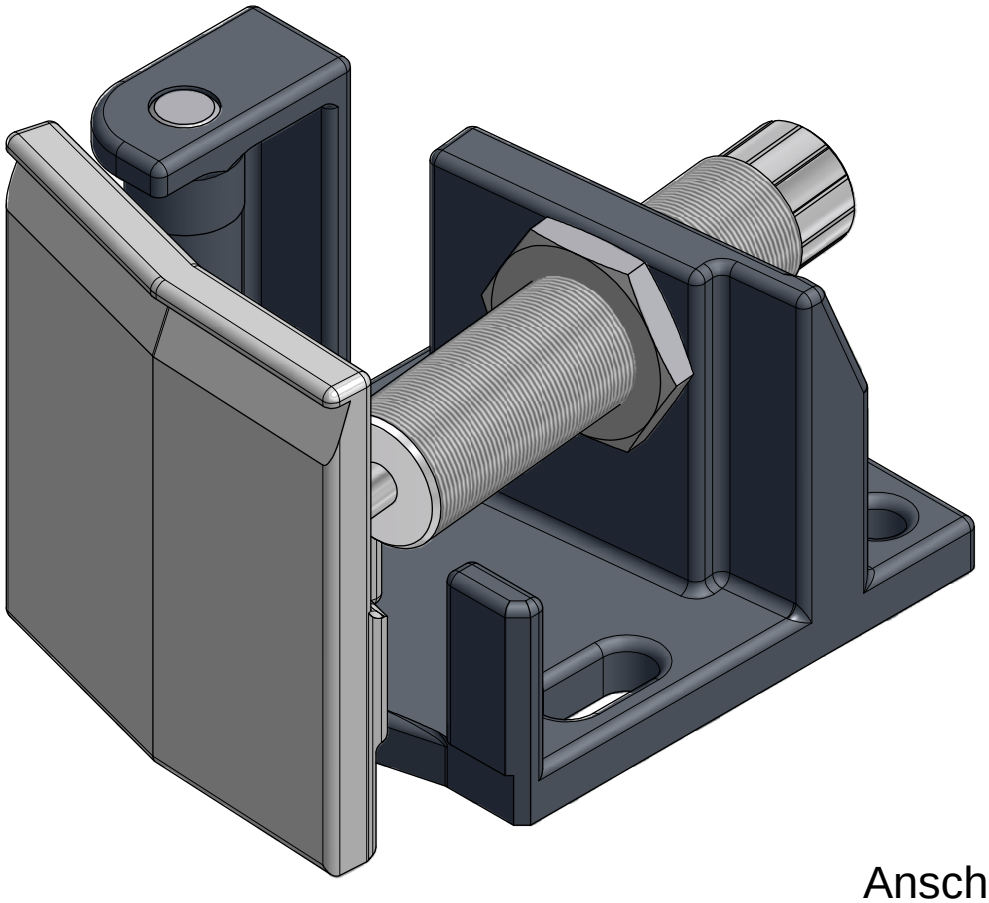


Einlaufblech
VA-70555

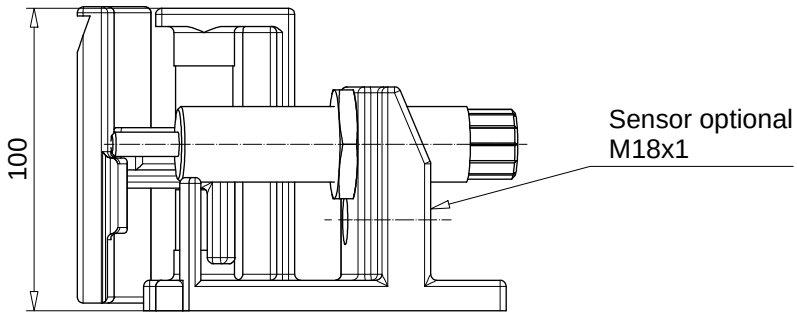


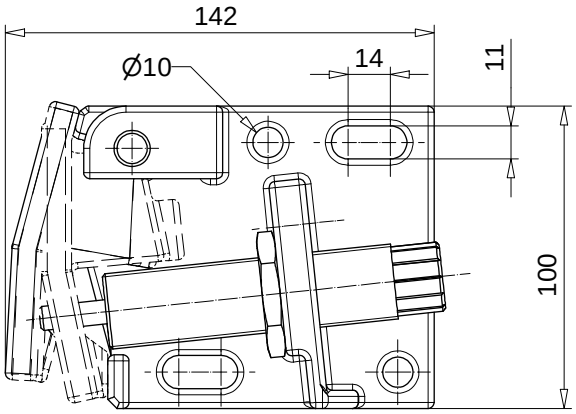


Nennhöhe	150mm			Kunden-Nr.	F 33 26 0065
Gewicht	0,90 kg				
WS&M Einlaufbleche		Datum	WS&M	Einlaufblech VA-70555	
		20.07.15			

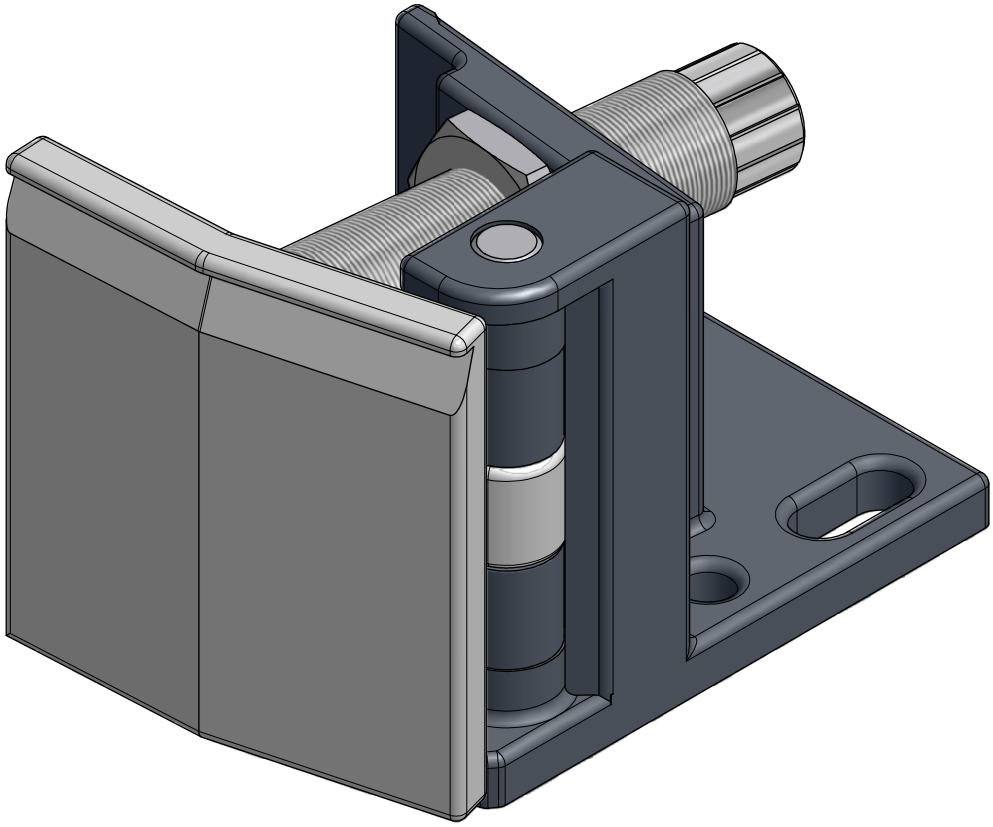


Anschlag links
HA-70610

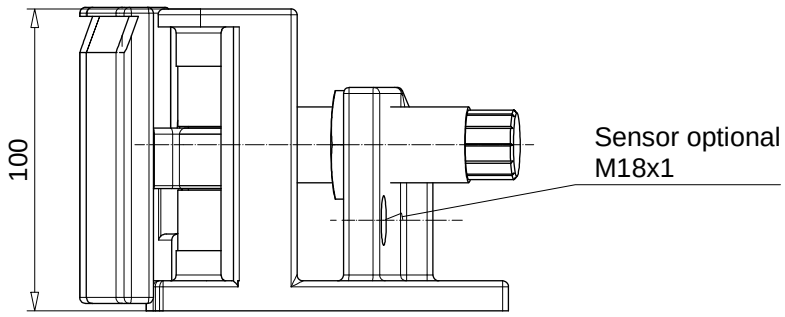


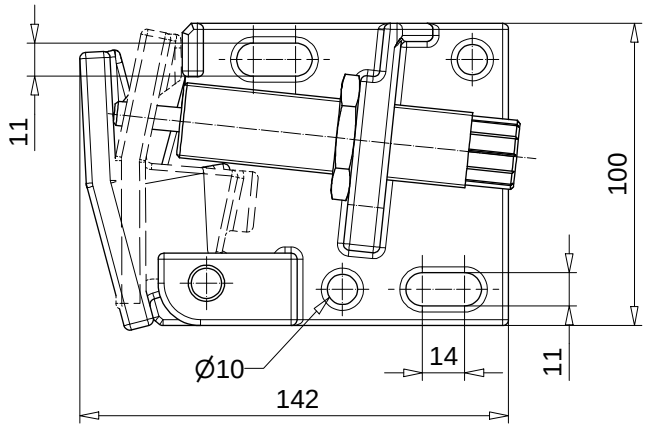


				Kunden-Nr.	F 33 26 0013
Gewicht	2,80 kg				
WS&M Anschläge		Datum	WS&M	Anschlag links HA-70610	
		20.07.15			

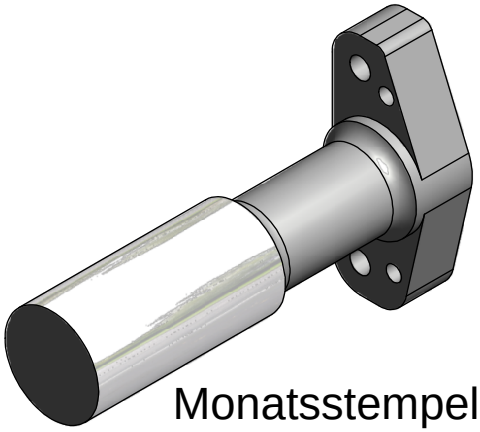


Anschlag rechts
HA-70620

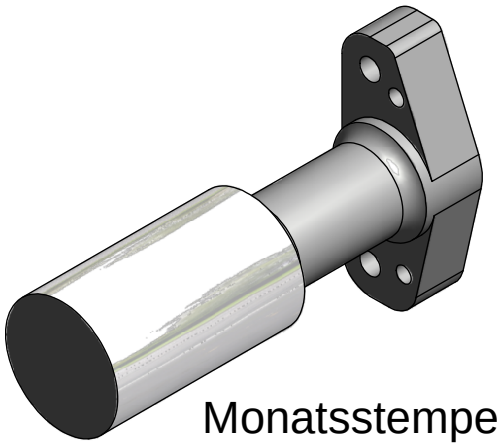




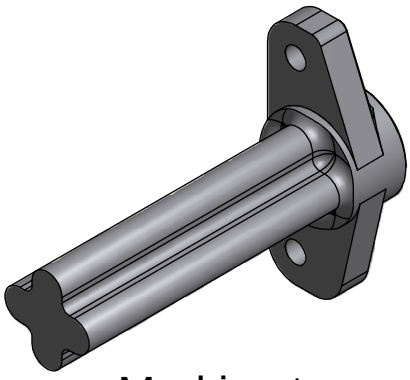
				Kunden-Nr.	F 33 26 0012
Gewicht	2.80 kg				
WS&M Anschläge		Datum	WS&M	Anschlag rechts HA-70620	
		20.07.15			



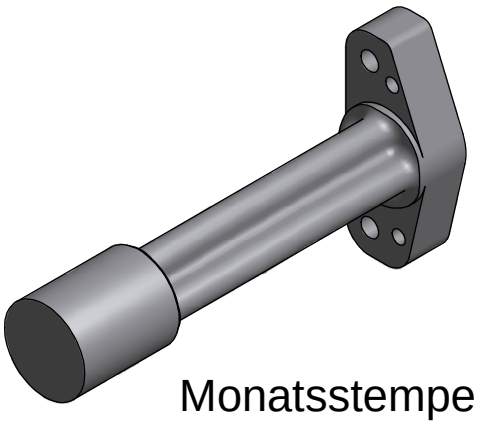
Monatsstempelhalter
HM-70330



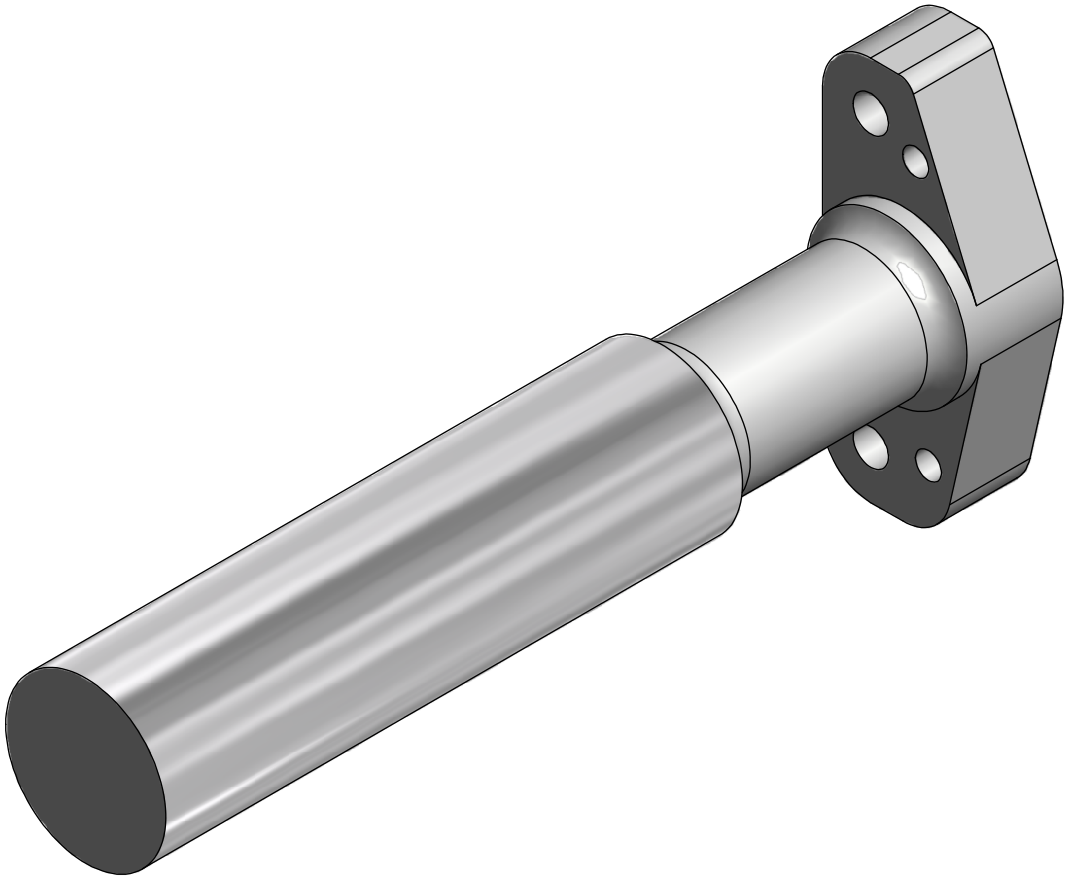
Monatsstempelhalter
HM-70430



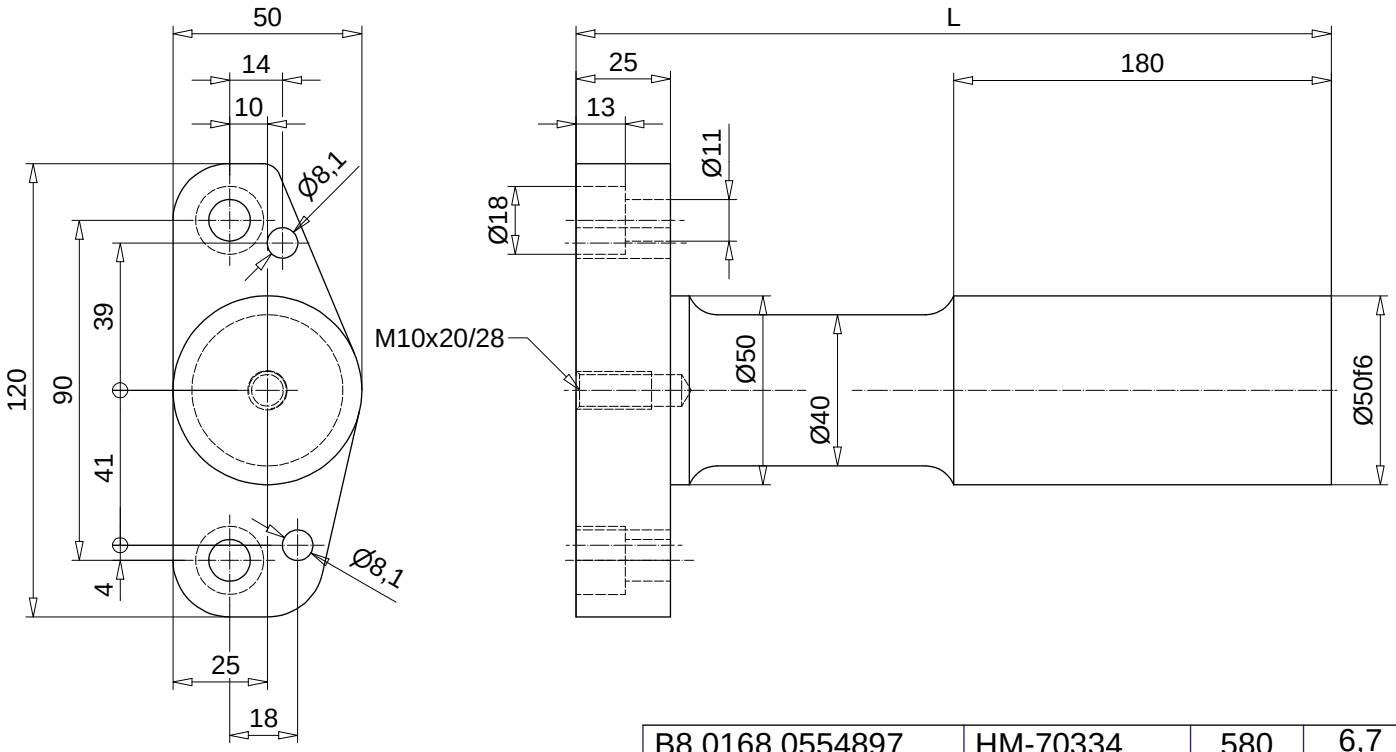
Markierstempelkonsole
KM-70320



Monatsstempelhalter
HM-70350

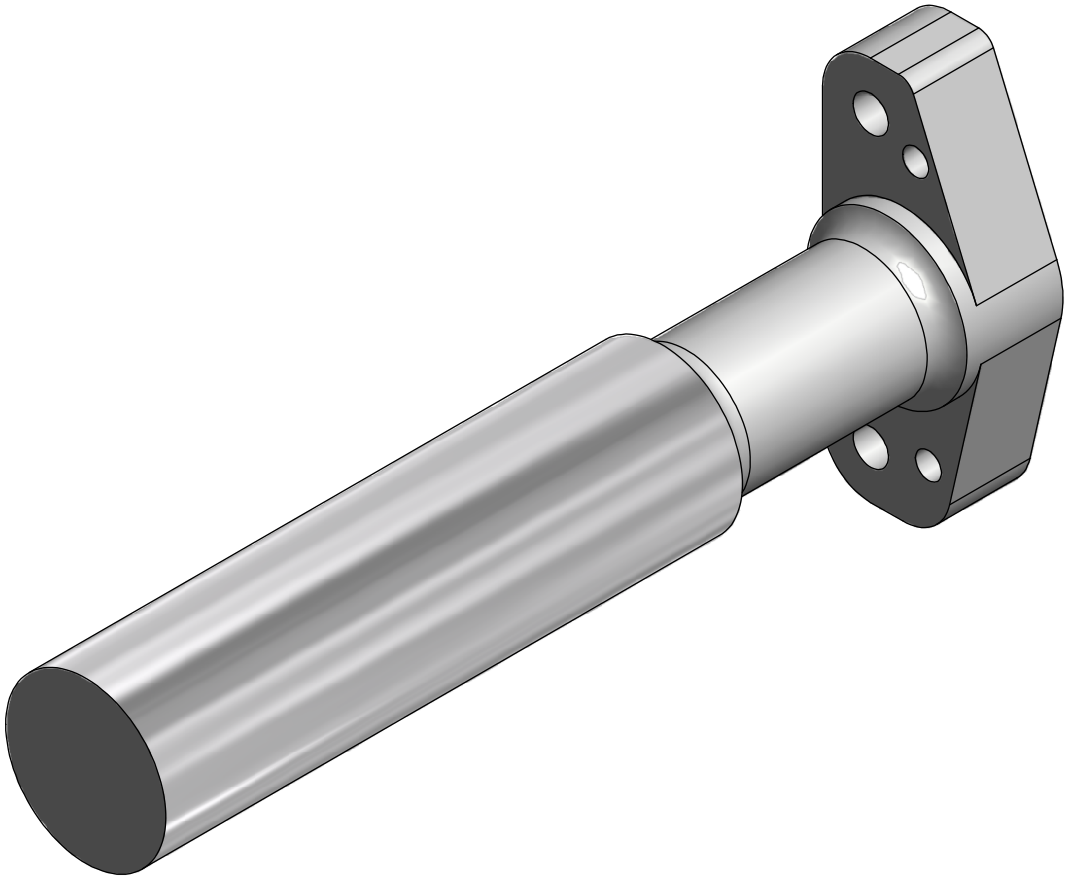


Monatsstempelhalter
HM-70330

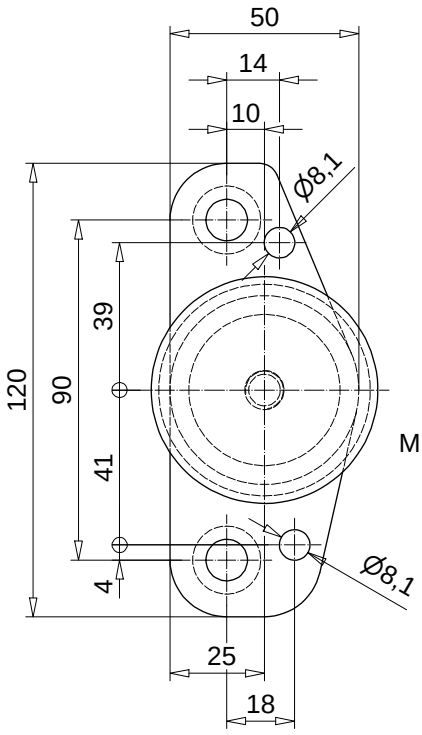


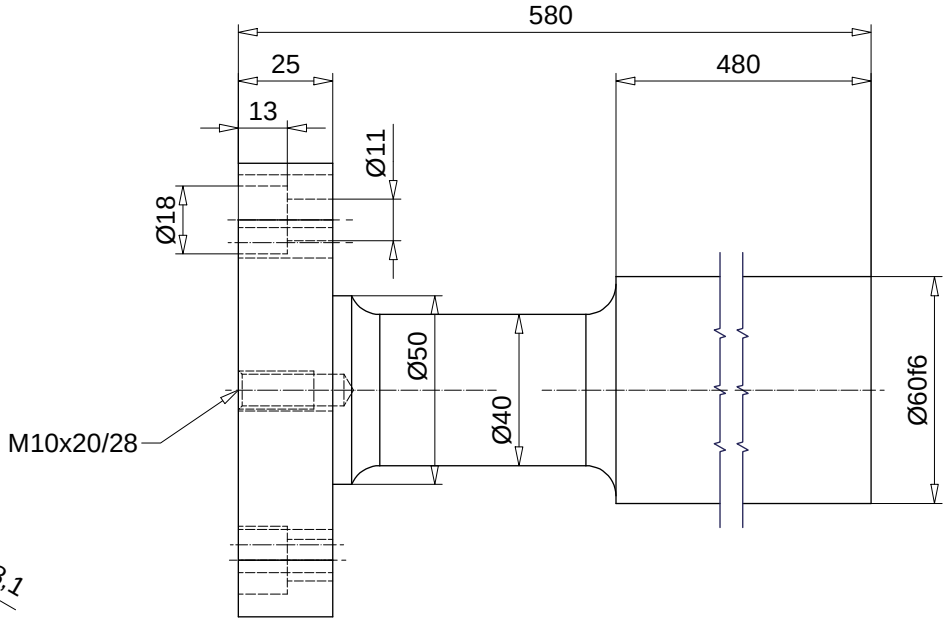
B8 0168 0554897	HM-70334	580	6,7
B8 0168 0554896	HM-70333	480	5,8
B8 0168 0554895	HM-70332	380	4,9
B8 0168 0554894	HM-70331	280	4,0
Kunden-Nr.:	WS&M-Nr.:	L (mm)	G (Kg)

WS&M Zubehör	Datum	WS&M	Monatsstempelhalter HM-70330
	20.07.15		



Monatsstempelhalter HM-70430

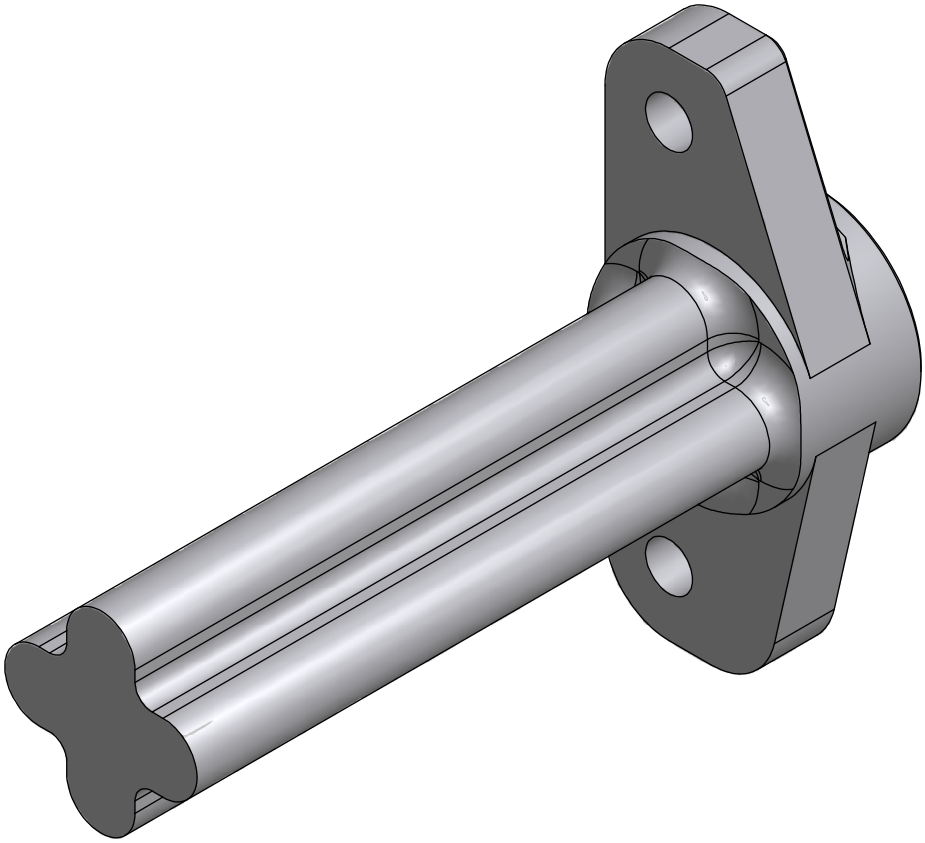




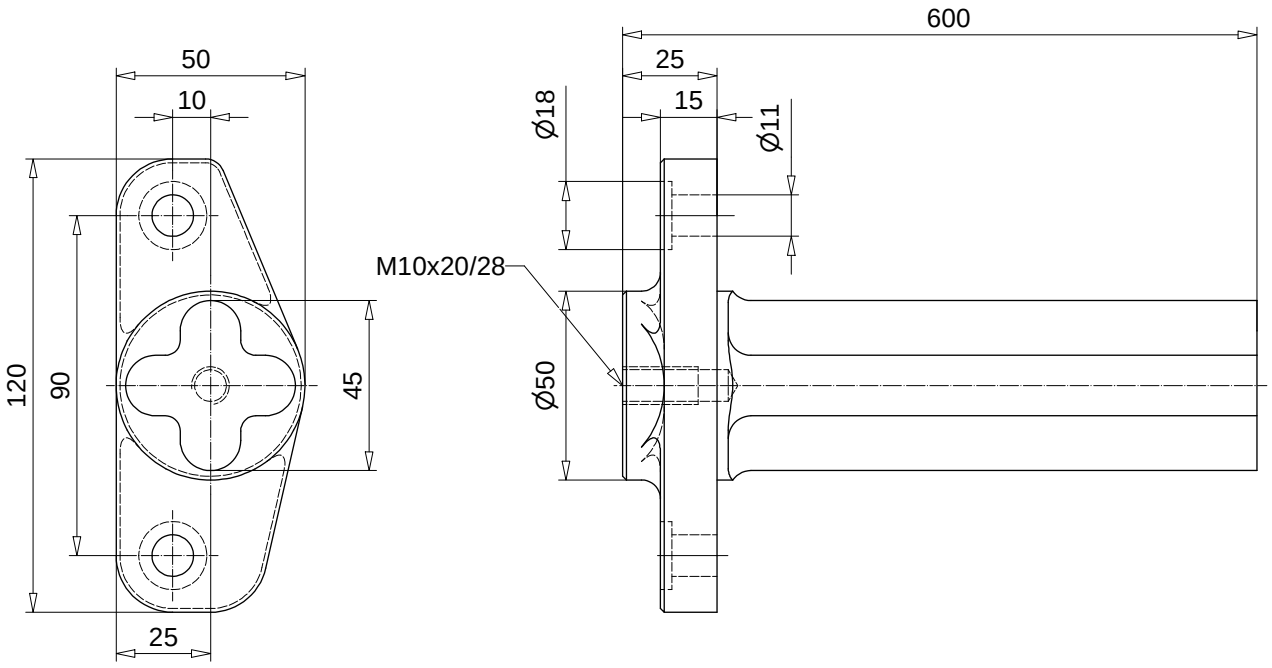
Sonderstempelhalter für schräge Stempelflächen über 10°.
Lieferausführung HM-70434-580, individuell zu kürzen und anzuschrägen.

B8 0168 0589378	580	HM-70434-580 Lieferlänge 580	11,2
B8 0168 0589377	480		
B8 0168 0589376	380		
B8 0168 0589375	280		
Kunden-Nr.:	L (mm)	WS&M-Nr.:	G (Kg)

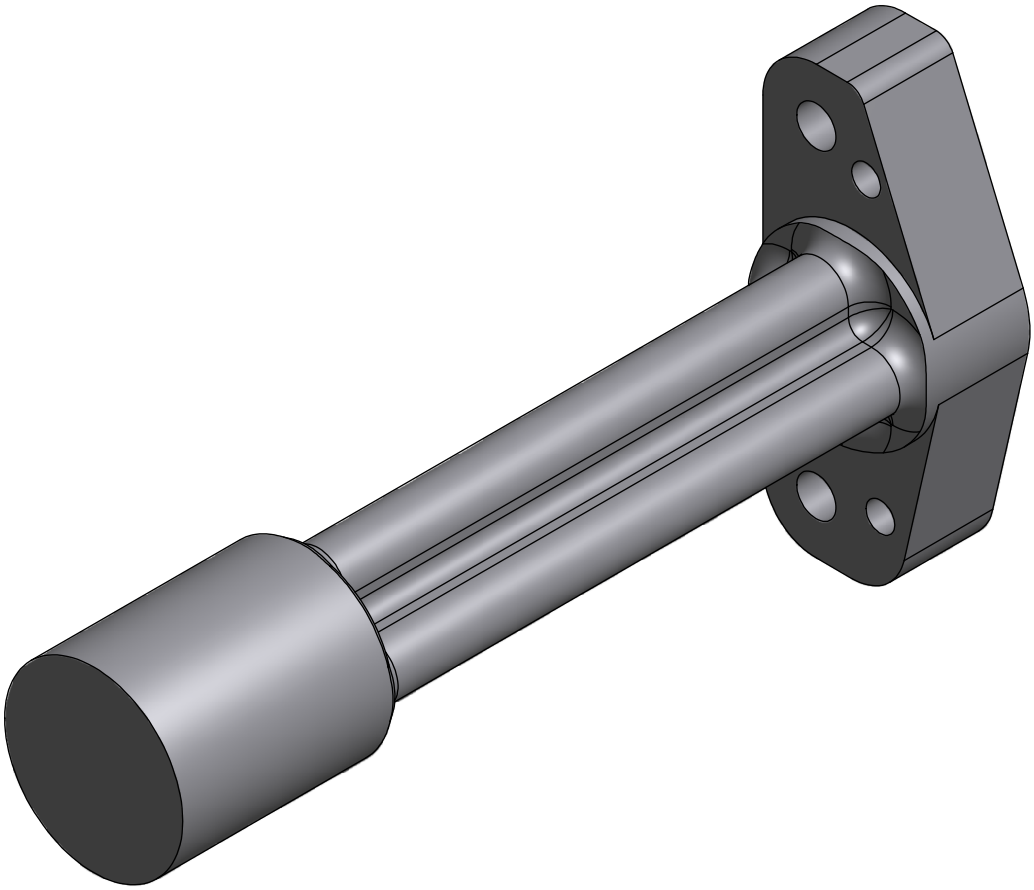
WS&M Zubehör	Datum	WS&M	Monatsstempelhalter HM-70430
	20.07.15		



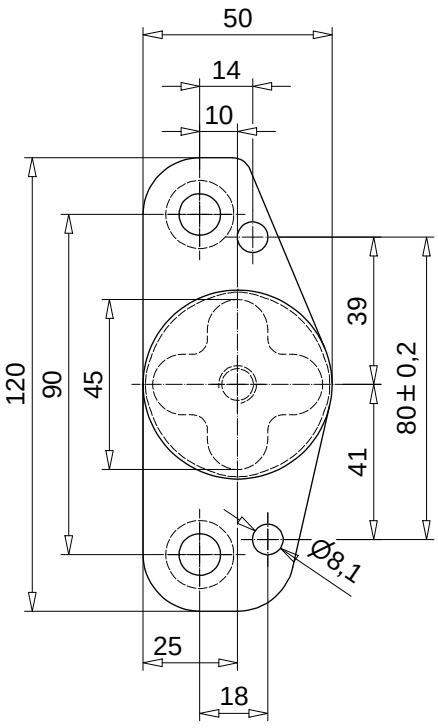
Markierstempelkonsole KM-70320

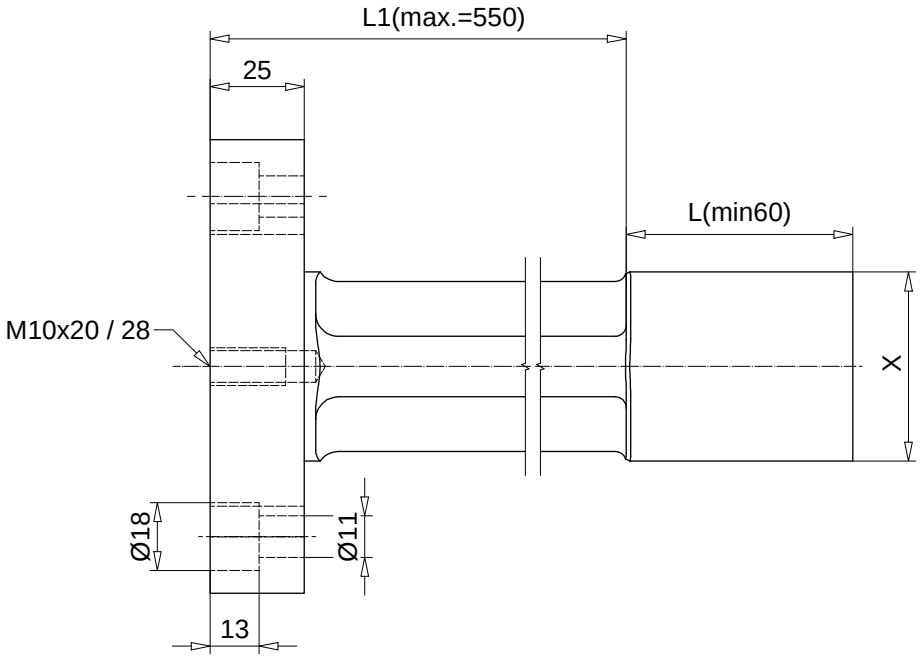


				Kunden-Nr.	F 33 29 0002
Gewicht	5,4 kg				
WS&M Zubehör		Datum	WS&M	Markierstempelkonsole KM-70320	
		20.07.15			



Monatsstempelhalter
HM-70350





(X= Ø50f6 - HM-70350-50
X= Ø60f6 - HM-70350-60)

Sonderstempelhalter Maße L+L1 werden individuell angepaßt

				Kunden-Nr.	
		Gewicht 6,2 Kg			
WS&M Zubehör		Datum	WS&M	Monatsstempelhalter HM-70350	
		02.04.14			