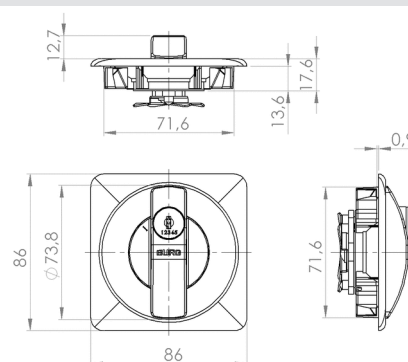
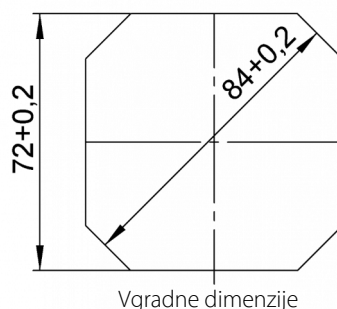


GSP Vgradno zapiralo

Ohišje in ročaj v poliamidni PA6 izvedbi



		GSP			
Lastnosti izdelka	Debelina ohišja (mm)	30,3/18			
	Zunanje dimenzije ohišja (mm)	86 x 86			
	Vgradne dimenzije (mm)	72 x 84			
	Debelina vrat (mm)	0,7 - 1,2			
	Uporaba za desna ali leva vrata	•			
Material	Ohišje poliamid PA6 črno, ročaj kovinski sive barve	•			
Pritrditev ohišja	Zaskočna izvedba	•			
Kombinacije	X (6+1 stopnja / 4000 različnih)	•			
	Enotni ali različni ključi	•			
	Možnost večih sistemskih ključev	•			
Oblika ključa/ vtisk	Obojestransko nazobčenje	•			
	Vtisnjen napis BURG	•			
	Možnost individualnega vtiska	•			
Vrsta jezička	Pogon za palice standardno, sicer pa jezički B	•			
Pritrditev jezička	Vijak samorezni Torx	•			

Opis izdelka

GSP vgradno zapiralo je izdelek višjega kakovostnega razreda. Posebnost je kovinsko osno vodilo, ki omogoča, da se ročaj vrti zelo lahko tiho in brez zatikanja. Zapirni elementi se pri tem ne zatikajo v plastično ohišje, ampak se vsedejo v pušo iz cinkove zlitine. Prednost GSP izvedbe je tudi v tem, da ima ročaj v končnih pozicijah stopnjo, kjer se ustavi in se kljub tresenju ali vibracijam ne premakne samodejno iz svojega ležišča.

Opombe:

Individualni vtisk na ključu za količine nad 30.000 kosov.

Za trotočkovno zapiranje je potrebno obstoječi dvotočkovni izvedbi dodati jeziček B.

Fahrzeugbauteile

Stangenscharniere

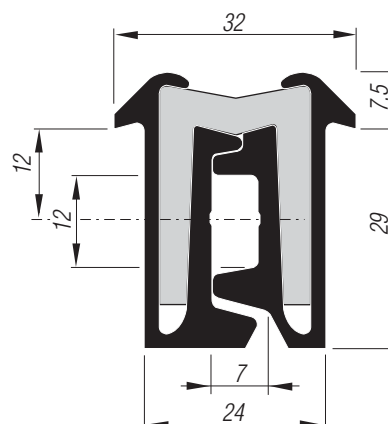
TILA-Türbänder „Super“ 29/180°

Einbaubreite 24, Einbautiefe 29 mm. Gelocht ø 5,0 mm, Abstand 200 mm.

Temperaturbeständig von ca. -40°C bis ca. +80°C, kurzzeitig +120°C, ohne mechanische Belastung. Hydrolyse- und mikrobebeständig.

Verpackungseinheit: 2 Stück in Folie gewickelt.

Werkstoffe: Al-Klemmprofile AlMgSi 0,5, technisch eloxiert, E6 EV1, silberfarbig matt; Kunststoff-Profil aus PU-Elastomer, schwarz.



Länge ¹ mm	Bohrungen Anzahl	Gewicht ca. kg/Stück	GTO-Nr.
1800	9	2,600	631 238
2000	10	2,900	631 240
2200	11	3,150	631 242
2400	12	3,450	631 244
2500	13	3,800	631 245
2700		4,100	631 247
3000	15	4,600	631 250
3200	11	4,900	631 252
3500	17	5,400	631 255

¹ Sonderlängen/Sonderbohrungen nach Wunsch auf Anfrage.

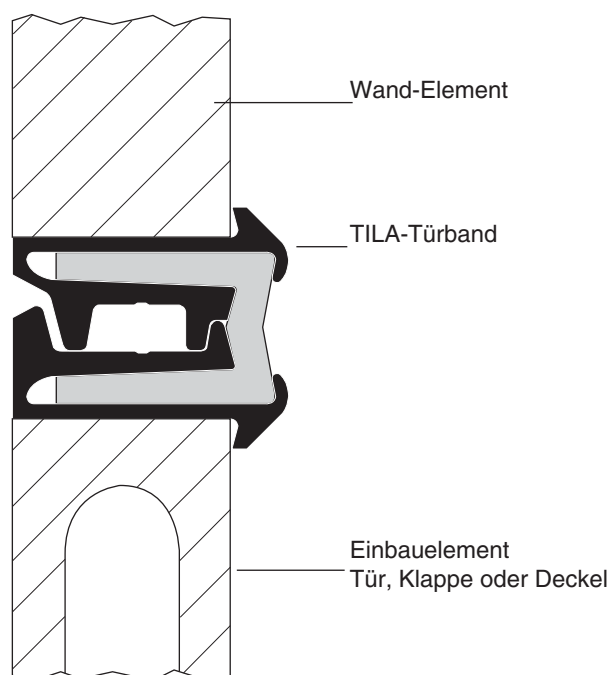


Bild 6

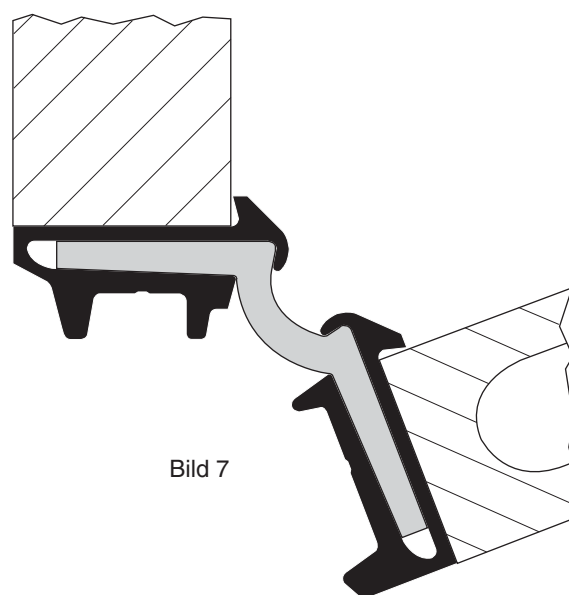


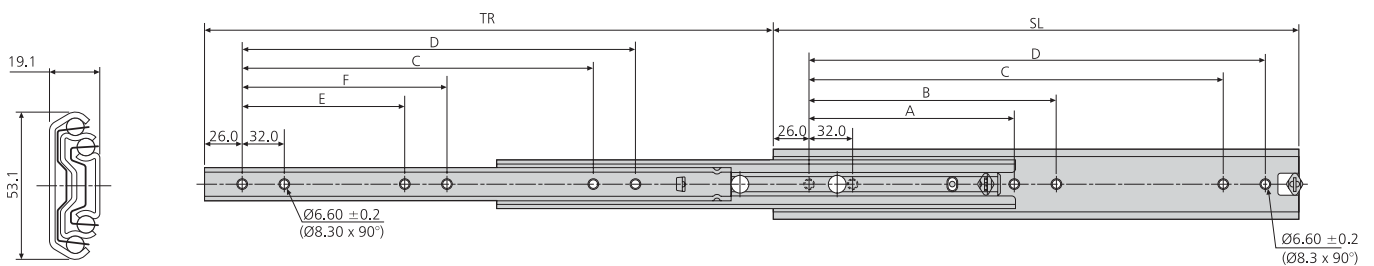
Bild 7

Unverbindlicher Montagevorschlag - besonders wichtig bei Klappen und Deckeln.
Bitte die richtige Anordnung der unterschiedlichen Al-Klemmprofile am Wand- bzw. Einbauelement beachten!

TILA-Türband-Darstellungen im Maßstab 1:1.

Die technischen Daten geben einen Anhalt, sind aber ohne Gewähr! Konstruktionsänderungen vorbehalten.

- Load rating up to 180kg
- 100%+ extension
- 19.1mm slide thickness
- Hold-in
- Optional enclosure mounting brackets



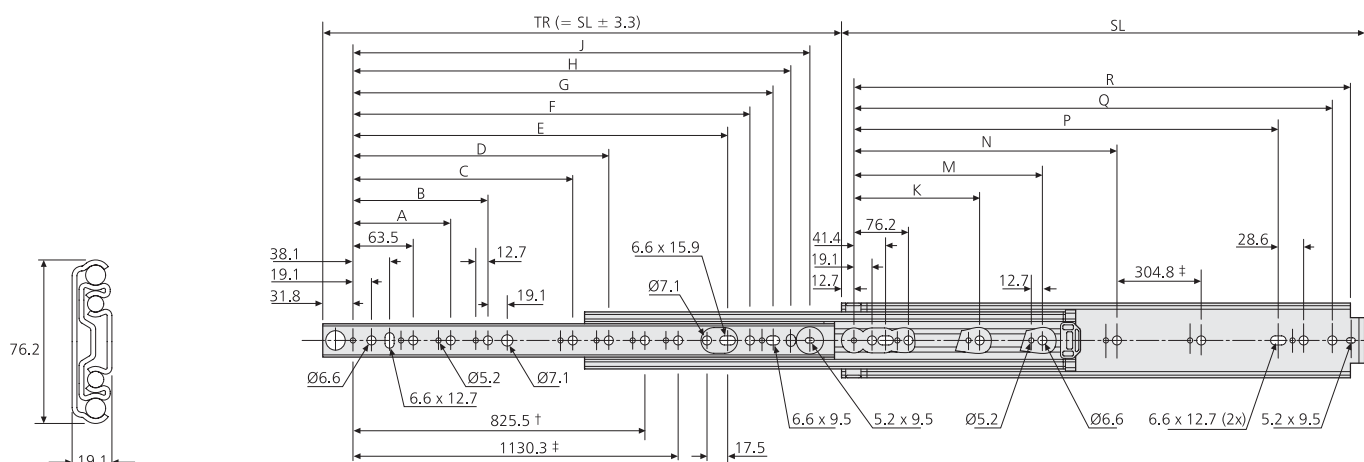
5321	mm								kg	
	SL	TR	A	B	C	D	E	F	W	L
DZ5321-0030	300	323.5	-	-	192	224	-	-	1.80	140
DZ5321-0035	350	373.5	-	-	224	256	-	-	2.07	150
DZ5321-0040	400	423.5	160	192	288	320	128	160	2.37	160
DZ5321-0045	450	473.5	160	192	320	352	128	160	2.70	170
DZ5321-0050	500	523.5	192	224	384	416	160	192	3.00	180
DZ5321-0055	550	573.5	192	224	416	448	160	192	3.31	170
DZ5321-0060	600	623.5	256	288	480	512	192	256	3.62	160
DZ5321-0070	700	723.5	288	320	576	608	256	288	4.26	130
DZ5321-0080	790	803.5	352	384	672	704	320	352	4.80	100
DZ5321-0090	900	923.5	448	480	768	800	384	416	5.57	90
DZ5321-0100	1000	1023.5	480	512	864	896	448	480	6.19	80
DZ5321-0110	1100	1123.5	544	576	992	1024	480	512	6.81	70

Notes:

- Fixing recommendation: M5 countersunk/ 6mm countersunk Euro screw
- For enclosure mounting brackets refer to page 103
- For cable carriers refer to page 101

- Load rating up to 227kg
- 100% extension
- 19.1mm slide thickness
- Slides sold singly
- Available in lengths up to 1.5 metres
- Optional bracket accessory kits for various mounting options

10,000



† 9301-0048, 9301-0060

‡ 9301-0060

9301	mm																		kg	
	SL	TR	A	B	C	D	E	F	G	H	J	K	M	N	P	Q	R	W	L*	
DZ9301-0010U	254.0	254.0	-	-	-	-	-	-	103.1	128.5	142.6	166.6	-	-	-	152.4	209.6	228.6	1.20	227
DZ9301-0012U	304.8	304.8	-	-	-	-	-	-	153.9	179.3	198.4	217.4	-	-	-	203.2	260.4	279.4	3.07	227
DZ9301-0014U	355.6	355.6	-	-	-	-	-	-	204.7	230.1	249.2	268.2	-	-	-	254.0	311.2	330.2	3.63	227
DZ9301-0016U	406.4	406.4	127.0	-	-	-	-	-	255.5	280.9	300.0	319.0	-	-	-	304.8	362.0	381.0	4.09	227
DZ9301-0018U	457.2	457.2	127.0	-	-	-	-	246.1	306.3	331.7	350.8	369.8	-	-	-	355.6	412.8	431.8	4.55	227
DZ9301-0020U	508.0	508.0	127.0	190.5	-	-	-	296.9	357.1	382.5	401.6	420.6	-	-	-	406.4	463.6	482.6	5.11	227
DZ9301-0022U	558.8	558.8	127.0	190.5	-	-	-	347.7	407.9	433.3	452.4	471.4	-	-	-	457.2	514.4	533.4	5.68	227
DZ9301-0024U	609.6	609.6	127.0	190.5	-	-	-	398.5	458.7	484.1	503.2	522.2	-	-	-	508.0	565.2	584.2	6.14	227
DZ9301-0026U	660.4	660.4	127.0	190.5	-	-	-	449.3	509.5	534.9	554.0	573.0	-	-	-	558.8	616.0	635.0	6.82	227
DZ9301-0028U	711.2	711.2	127.0	190.5	-	-	-	500.1	560.3	585.7	604.8	623.8	-	-	-	609.6	666.8	685.8	7.05	227
DZ9301-0030U	762.0	762.0	127.0	190.5	368.3	-	-	550.9	611.1	636.5	655.6	674.6	235.0	-	501.7	660.4	717.6	736.6	7.73	222
DZ9301-0032U	812.8	812.8	127.0	190.5	368.3	-	-	601.7	661.9	687.3	706.4	725.4	235.0	393.7	552.5	711.2	768.4	787.4	8.18	218
DZ9301-0034U	863.6	863.6	127.0	190.5	368.3	469.9	652.5	712.7	738.1	757.2	776.2	795.2	235.0	419.1	603.3	762.0	819.2	838.2	8.64	213
DZ9301-0036U	914.4	914.4	127.0	190.5	368.3	520.7	703.3	763.5	788.9	808.0	827.0	846.0	235.0	444.5	654.1	812.8	870.0	889.0	9.32	209
DZ9301-0040U	1016.0	1016.0	127.0	190.5	368.3	520.7	804.9	865.1	890.5	909.6	928.6	947.6	235.0	546.1	755.7	914.4	971.6	990.6	10.43	200
DZ9301-0042U	1066.8	1066.8	127.0	190.5	368.3	520.7	855.7	915.9	941.3	960.4	979.4	998.4	235.0	546.1	806.5	965.2	1022.4	1041.4	10.89	195
DZ9301-0048U	1219.2	1219.2	127.0	190.5	368.3	520.7	1008.1	1068.3	1093.7	1112.8	1131.8	1150.8	235.0	596.9	958.9	1117.6	1174.8	1193.8	12.27	182
DZ9301-0060U	1524.0	1524.0	127.0	190.5	368.3	520.7	1312.9	1373.1	1398.5	1417.6	1436.6	1455.6	235.0	596.9	958.9	1422.4	1479.6	1498.6	15.45	154

Notes:

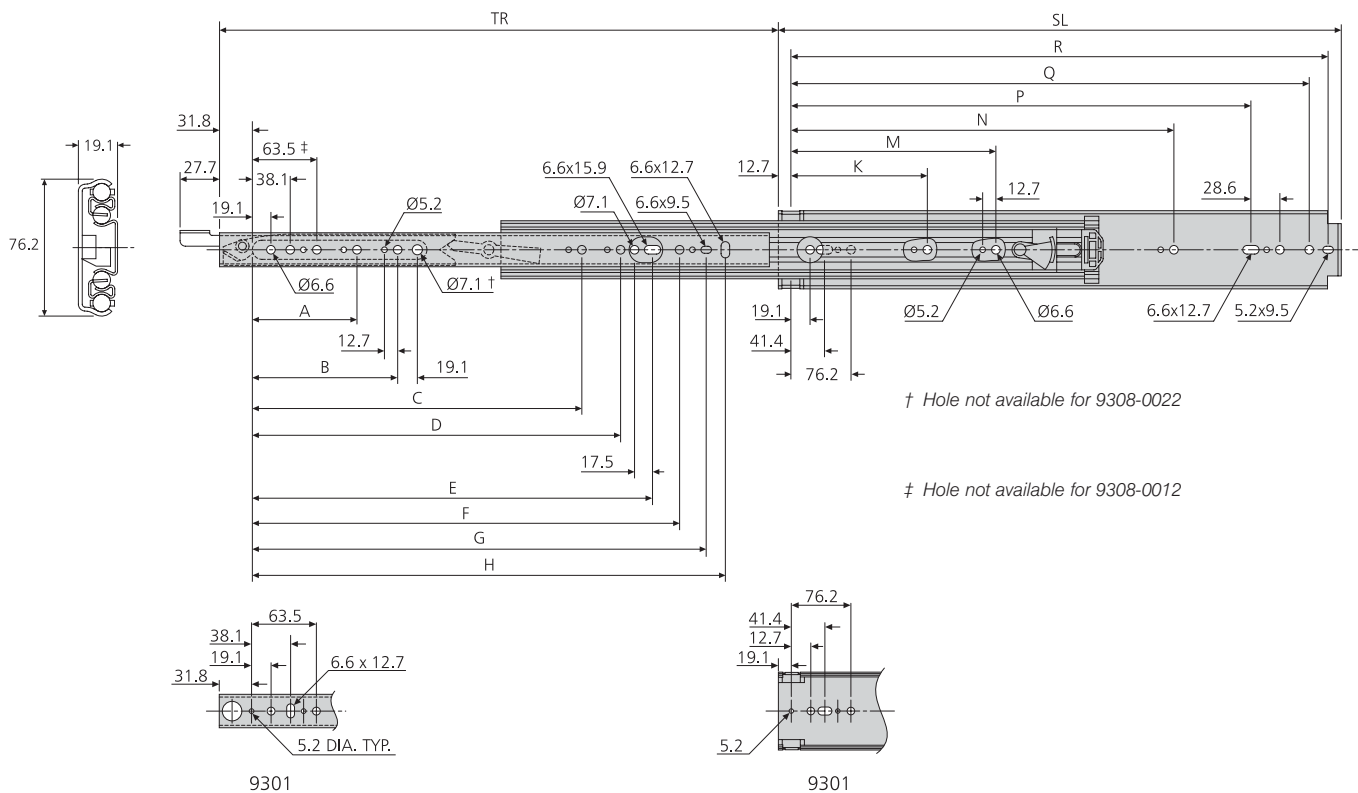
- Load ratings vary depending upon application. See page 84
- Fixing recommendation: M5/M6 screw. Max. head ht. 4.8mm/Ø 12.7mm necessary to clear traversing members
- For bracket accessory kit see page 86

* Load rating per pair of slides

9308



- Load rating up to 227kg
- 100% extension
- 19.1mm slide thickness
- Slides sold singly
- Lock-in
- Lock-out
- Front lever lock release
- Optional bracket accessory kits for various mounting options



9308	mm																		kg	
	SL	TR	A	B	C	D	E	F	G	H	J	K	M	N	P	Q	R	W	L**	
DZ9308-0012*	304.8	304.8	-	-	-	-	-	153.9	179.3	198.4	-	-	-	-	203.2	260.4	279.4	1.46	227	
DZ9308-0014*	355.6	355.6	-	-	-	-	-	204.7	230.1	249.2	-	-	-	-	254.0	311.2	330.2	1.71	227	
DZ9308-0016*	406.4	406.4	-	-	-	-	-	255.5	280.9	300.0	-	-	-	-	304.8	362.0	381.0	2.23	227	
DZ9308-0018*	457.2	457.2	127.0	-	-	-	-	306.3	331.7	350.8	-	-	-	-	355.6	412.8	431.8	2.46	227	
DZ9308-0020*	508.0	508.0	127.0	-	-	-	296.9	357.1	382.5	401.6	-	-	-	-	406.4	463.6	482.6	2.58	227	
DZ9308-0022*	558.8	558.8	127.0	190.5	-	-	347.7	407.9	433.3	452.4	-	-	-	-	457.2	514.4	533.4	2.70	227	
DZ9308-0024*	609.6	609.6	127.0	190.5	-	-	398.5	458.7	484.1	503.2	-	-	-	-	508.0	565.2	584.2	3.28	227	
DZ9308-0026*	660.4	660.4	127.0	190.5	-	-	449.3	509.5	534.9	554.0	-	-	-	-	558.8	616.0	635.0	3.55	227	
DZ9308-0028*	711.2	711.2	127.0	190.5	-	-	500.1	560.3	585.7	604.8	-	-	-	-	609.6	666.8	685.8	3.74	227	
DZ9308-0030*	762.0	762.0	127.0	190.5	-	-	550.9	611.1	636.5	655.6	-	235.0	-	501.7	660.4	717.6	736.6	3.85	222	
DZ9308-0032*	812.8	812.8	127.0	190.5	-	-	601.7	661.9	687.3	706.4	-	235.0	-	552.5	711.2	768.4	787.4	3.96	218	
DZ9308-0034*	863.6	863.6	127.0	190.5	-	520.7	652.5	712.7	738.1	757.1	-	235.0	-	-	762.0	819.1	838.2	4.36	213	
DZ9308-0036*	914.4	914.4	127.0	190.5	368.3	520.7	703.3	763.5	788.9	807.9	-	235.0	-	-	812.8	869.9	889.0	4.60	209	
DZ9308-0040*	1016.0	1016.0	127.0	190.5	368.3	-	804.9	865.1	890.5	909.5	-	235.0	-	755.7	914.4	971.5	990.6	5.13	200	
DZ9308-0042*	1066.8	1066.8	127.0	190.5	368.3	-	855.7	915.9	941.3	960.4	-	235.0	-	806.5	965.2	1022.4	1041.4	5.40	195	
DZ9308-0048*	1219.2	1219.2	127.0	190.5	368.3	520.7	1008.1	1068.3	1093.7	1112.8	-	235.0	-	958.9	1117.6	1174.8	1193.8	6.05	182	
DZ9308-0060*	1524.0	1524.0	127.0	190.5	368.3	520.7	1312.9	1373.1	1398.5	1417.8	-	235.0	596.9	958.9	1422.4	1479.5	1498.6	7.56	154	

* Specify 'L' for left hand locking slide and 'R' for right hand locking slide, e.g. DZ9308-0012-L

Notes:

- Load ratings vary depending upon application. See page 84
- Fixing recommendation: M5 and M6 screws
- Vertical mounting only
- Use slide 9301 as a non-locking companion slide.
- For applications requiring a lock on both sides, order an equal amount of 'L' and 'R' slides
- For bracket accessory kit see page 86

** Load rating per pair of slides



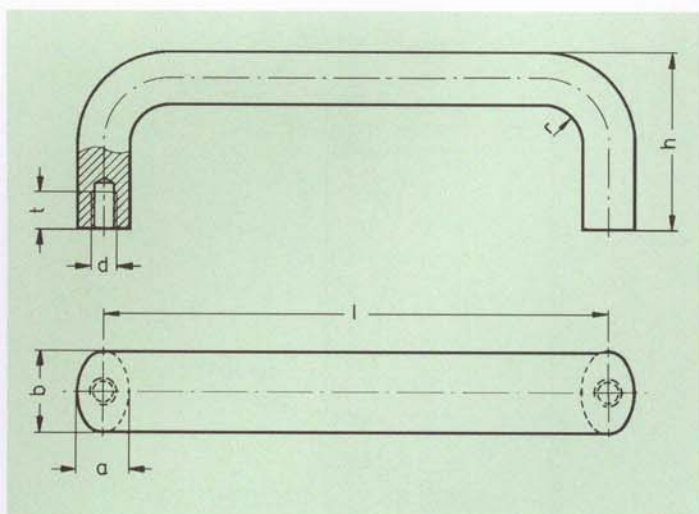
ZIMMERMANN



METALIKA
Locking systems **KACIN**
www.metalika-kacin.com

Pull Handles

from Aluminium resp. Stainless Steel



Grip from aluminium profile with high stability and smooth surface. Modern design and ergonomical points of view were the standard basis for the design.

Due to the production system (bending), special lengths can be delivered also in small quantities.

Model Aluminium: Plastic coated black RAL 9011, matt finish or blank, bright tumbled finish.

Model Stainless Steel: Material No. 1.4301, sand-blasted matt.

Zimmermann Pull Handles - Aluminium resp. Stainless Steel

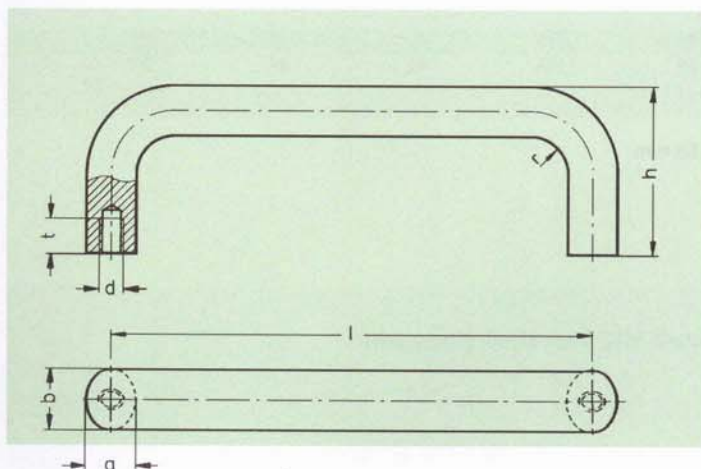
Order No. Black	Order No.. Blank	Order No. Stainless Steel	b mm	l mm	a mm	Thread d	h mm	r	t mm
63 20 100 sw	63 20 100 bl		20	100	13	M 6	47	13	10
		63 20 112 E0A	20	112	13	M 6	49	13	10
63 20 128 sw	63 20 128 bl	63 20 128 E0A	20	128	13	M 6	51	13	10
63 26 128 sw	63 26 128 bl		26	128	17	M 8	55	17	12
63 26 160 sw	63 26 160 bl		26	160	17	M 8	57	17	12
63 26 192 sw	63 26 192 bl		26	192	17	M 8	57	17	12
63 26 300 sw	63 26 300 bl		26	300	17	M 8	57	17	12



ZIMMERMANN

Pull Handles

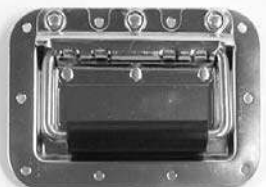
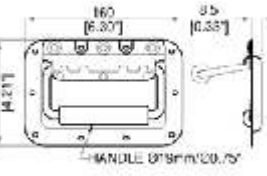
from Plastic

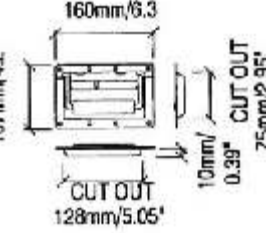


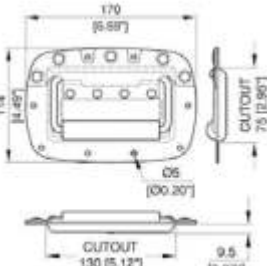
Model: Polyamide black. Thread from brass MS 58.

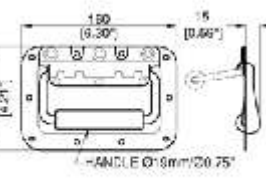
Zimmermann Pull Handles - Plastic

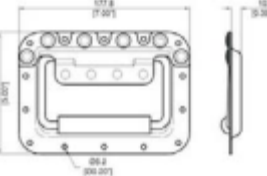
Order No.	b mm	l mm	a mm	Thread d	h mm	r	t mm
64 12 088 sw	12	88	9	M 5	40	22	7,5
64 12 100 sw	12	100	9	M 5	40	22	7,5
64 12 120 sw	12	120	9	M 5	40	22	7,5

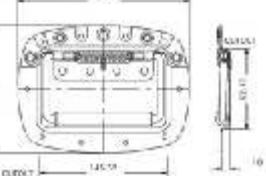
	
H7159z	Stahlklappgriff in Einbauschale 2 Federn, 8mm-Bügel, starkes Greifgummi
0,400 kg/St	Zinc

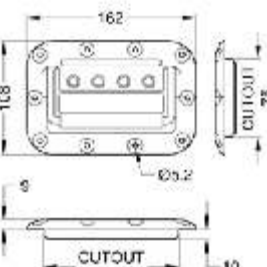
	
H1050	Stahlklappgriff in Schale, verschweißt
Steel	0,328 kg/St Zinc or Black

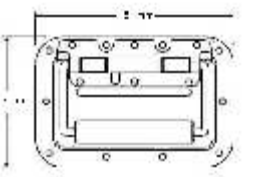
	
H8154	Stahlklappgriff in gerundeter Schale
1.5mm Steel	0,380 kg/St Zinc

	
H7149z	Stahlklappgriff in vertiefter Schale 2 Federn, 8mm-Bügel, starkes Greifgummi
Steel	0,325 kg/St Zinc

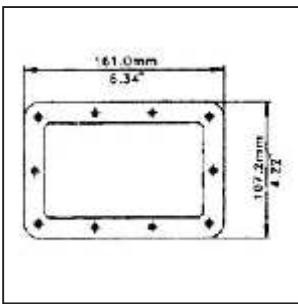
	
H7165-10	HD-Stahlklappgriff groß in 10mm Schale
1.5mm Steel	0,490 kg/St Zinc

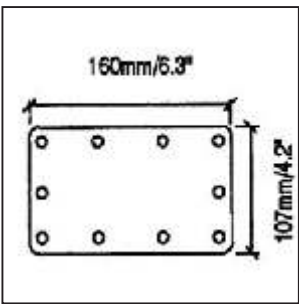
	
H9165z	Stahlklappgriff in gerundeter Schale, gr
1.5mm Steel	0,408 kg/St Zinc

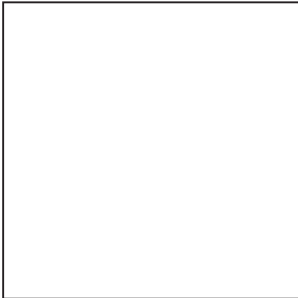
	
H2751	Klappgriff in ABS-Einbauschale
ABS	0,199 kg/St Black

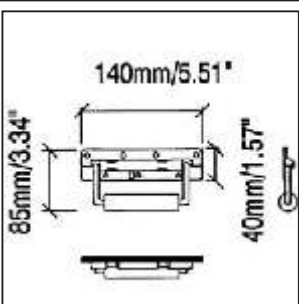
	
HE-1839AL	Klappgriff in Aluminium-Einbauschale
Aluminium	0,256 kg/St Alu

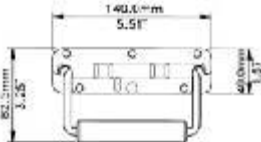
Griffe

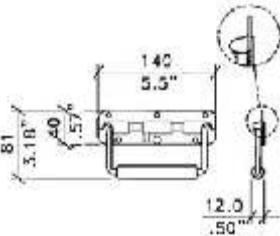
			
H1906		Nietrahmen zu H1050/51/54/61 und H5054 H1065/BP: Nietrahmen zu H1065 / H7165	
H1065/BP			
0.9mm Steel	0.049 kg/St	Zinc	

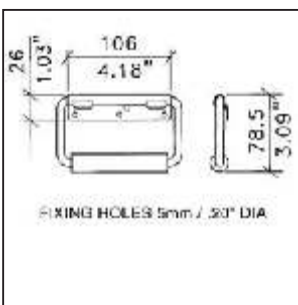
					
H1085		Nietplatte zu H1050, H1051, H1054, H5054			
0.9mm Steel		0.117 kg/St		Zinc or Black	

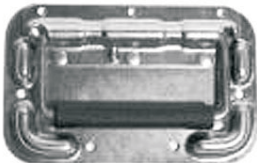
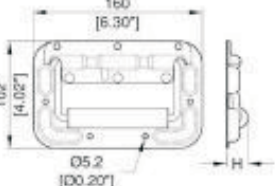
					
H..L		Stahlklappgriff mit Ihrem Firmen-Logo (Mindestabnahme 500 Stück)			
Steel		0,327 kg/St		Zinc, Black or Stainless	

					
H1052		Aufsatzklappgriff - auch in Edelstahl lieferbar ! -			
1.5mm Steel		0,229 kg/St		Zinc, Black or Stainless	

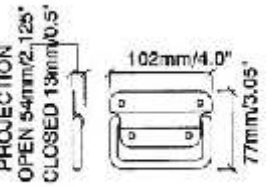
		 FIXING HOLES 5mm / .20" DIA	
H1053z		Aufsatzklappgriff, mit 19mm Greifgummi	
H1053Z/WCP			
Steel	0,229 kg/St	Zinc	

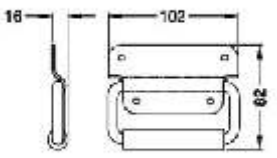
	 FIXING HOLES 5mm / .20" DIA.	
H10527	Aufsatzklappgriff, gekröpft	
1.5mm Steel	0,230 kg/St	Zinc

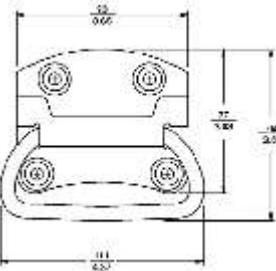
					
H1078		Aufsatzklappgriff			
Steel	0,220 kg/St	Zinc			

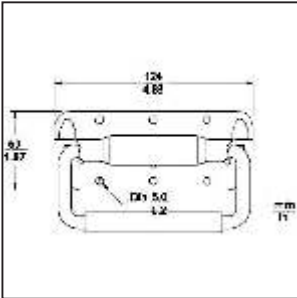
	 <table border="1" data-bbox="1211 1897 1501 1951"><thead><tr><th>HANDLE</th><th>H</th></tr></thead><tbody><tr><td>H4051</td><td>13.2mm/0.52"</td></tr><tr><td>H4054</td><td>20.2mm/0.80"</td></tr></tbody></table>	HANDLE	H	H4051	13.2mm/0.52"	H4054	20.2mm/0.80"
HANDLE	H						
H4051	13.2mm/0.52"						
H4054	20.2mm/0.80"						
H4051	Aufsatz-Stahlklappgriff mit Rammschutz						
Steel	0.000 kg/St	Zinc					

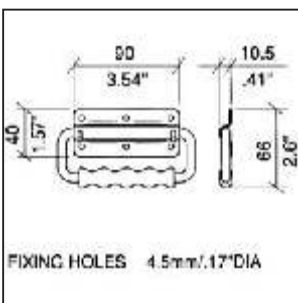
Griffe

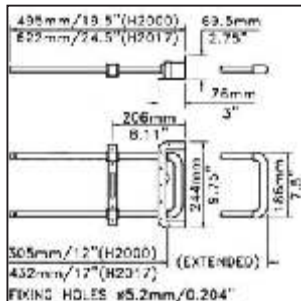
	 PROJECTION OPEN 54mm/2.125" CLOSED 13mm/0.5" 102mm/4.0" 77mm/3.05" Fixing Holes 5.2mm/0.204"	
H1030	Aufsatzgriff (ungefedert)	
Steel	0.180 kg/St	Zinc

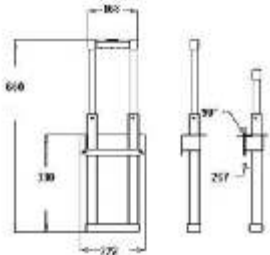
		
H1030R	Aufsatzgriff (ungefedert) mit extra großem Greifgummi	
Steel	0.180 kg/St	Zinc

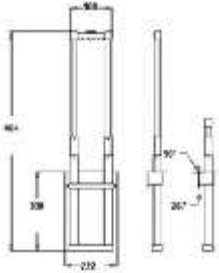
		
HE-2457	Aufsatzgriff (ungefedert)	
Steel	0,150 kg/St	Zinc

		
HE-2341AL	Aufsatzklappgriff aus Aluminium	
Aluminium	0,106 kg/St	Alu

	 80 3.54" 10.5 .41" 40 1.57" 66 2.6" FIXING HOLES 4.5mm/.17"DIA	
H1079	Aufsatzklappgriff aus Aluminium	
Aluminium	0,060 kg/St	Anodized

			 495mm/19.5"(H2000) 63.5mm 629mm/24.5"(H2017) 2.95" 76mm 3" 206mm 8.1" 244mm 9.6" 186mm 7.3" 305mm/12"(H2000) (EXTENDED) 432mm/17"(H2017) FIXING HOLES ø5.2mm/0.204"		
H2000		Einbau-Teleskopgriff (H2000: Länge 12" / H2017: Länge 17")			
H2017					
Steel/ABS	0.750 kg/St	Black			

		
H4117	Einbau-Teleskopgriff, 66cm	
Steel	1.000 kg/St	Black

					
H4116		Einbau-Teleskopgriff, 86.5cm			
Steel	1.000 kg/St	Black			

Flexible Over Center Drawer Latch

SR 5597

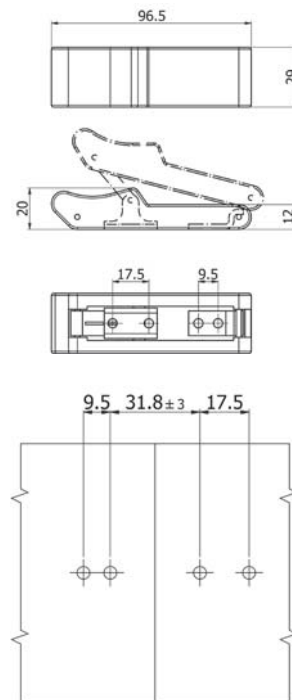
Black rubber handle

Stainless steel keeper and bracket

- Low profile design
- Concealed keeper is fixed under the latch
- Non-corrosive
- Fixed using M4 screws (not supplied)



Part Number	Std Pack Qty
493577	20



Fixing Dimensions



Adjustable Draw Latch

SR 5433

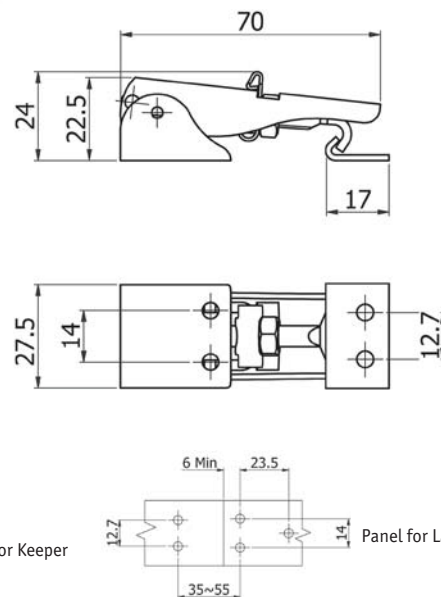
Zinc Plated Steel / 304 Stainless Steel

- Adjustable latch
- Secondary lock button to prevent accidental opening
- To suit M4 fixings
- Supplied with keeper



Part Number	Material	Std Pack Qty
493596	Stainless Steel	10
493597	Zinc Plated Steel	20

Stainless Steel

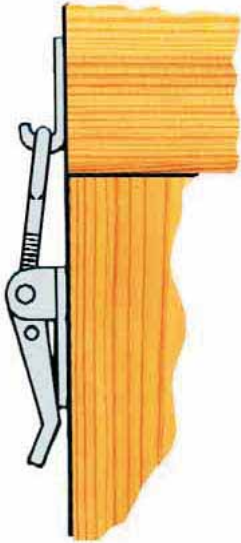


Panel for Keeper

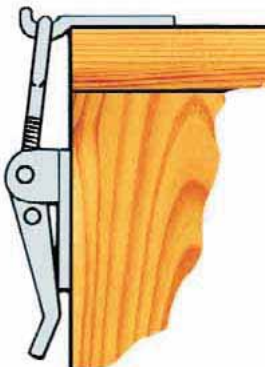
Panel for Latch

Fixing Dimensions

Schließhaken
16, 19, 22 or 41



Schließhaken
17 or 20



Schließhaken
siehe Seite 31–36

Haken Schraube
703



T-Schraube 703



703 C



703 L/C



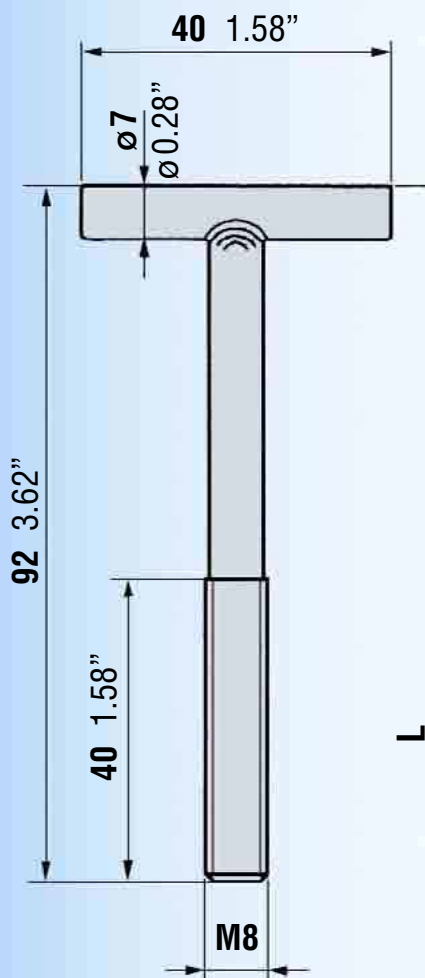
703 L/C
m. Gummioberteil



Kombinations- möglichkeiten		Belastung			Gewicht	
Verschluss	Haken	max. empfohlene Belastung			Gewicht per 100 St.	
		Kp	N	Pounds	Kilo	Pounds
703 L/C	20, 22, 41	500	4905	1101	20,1	44.3
703 TL/C	16, 17	500	4905	1101	18,8	41.4
703 HL/C	–	150	1471	330	18,9	41.6
703 C	20, 22, 41	500	4905	1101	20,8	45.8
703 T/C	16, 17	500	4905	1101	19,4	42.7
703 H/C	–	150	1471	330	19,5	43.0
703 L/C Gummi	16				16,7	36.8
703 C Gummi	16				17,4	38.3

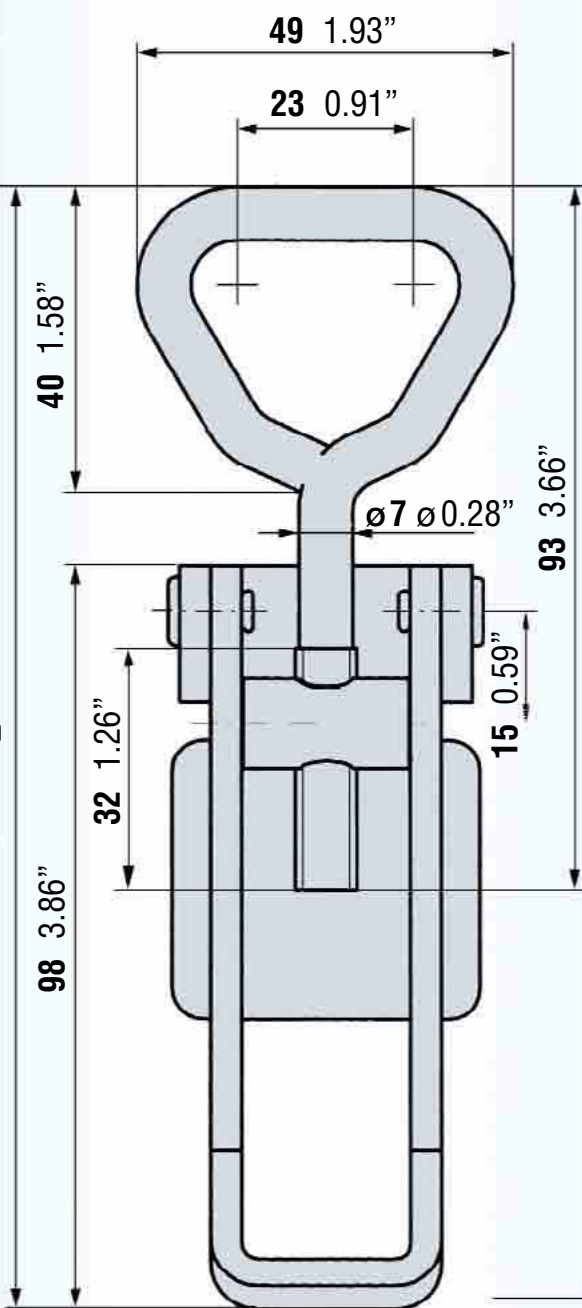
703 T

L = 135-163 5.31"-6.42"



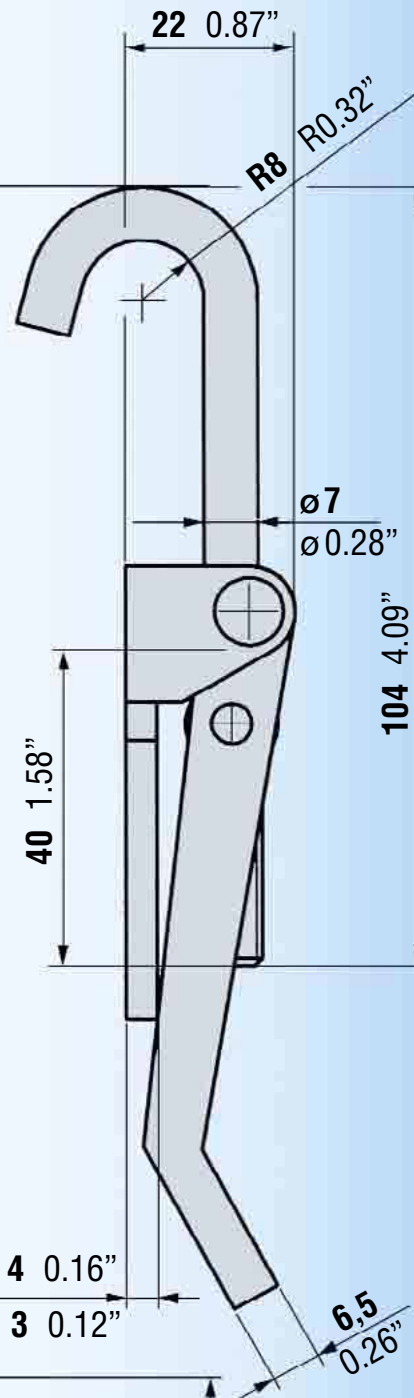
703

L = 145-164 5.71"-6.46"

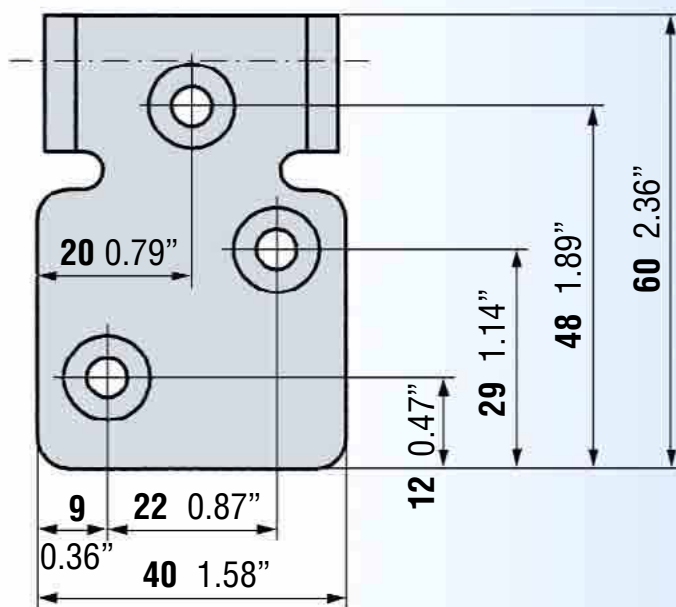
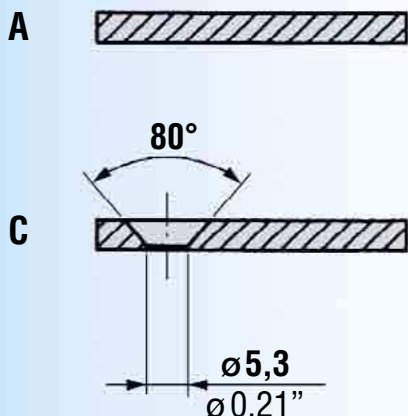


703 H

L = 145-174 5.71"-6.85"

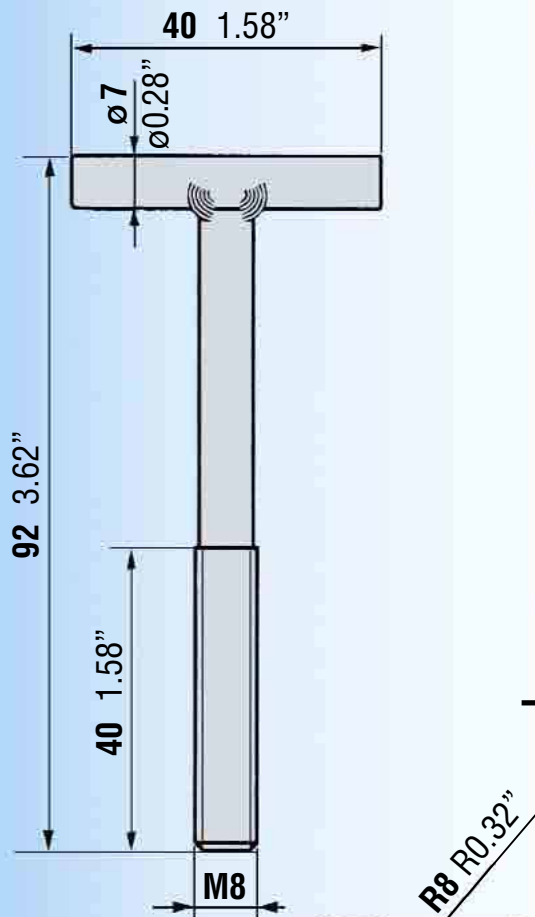


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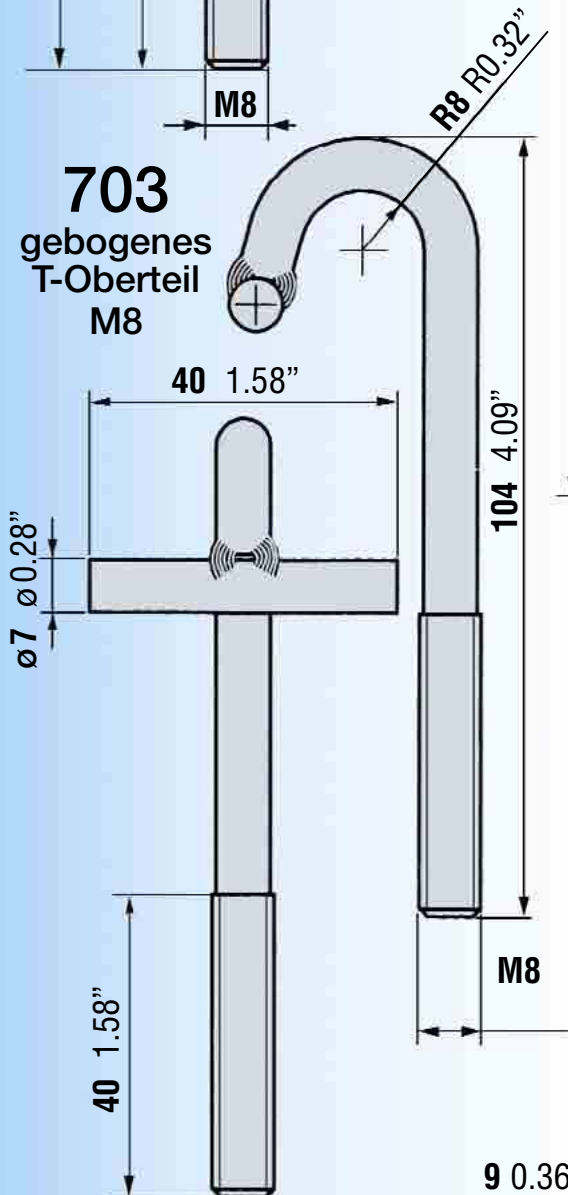


703 TL

L = 149-164 5.87"-6.46"

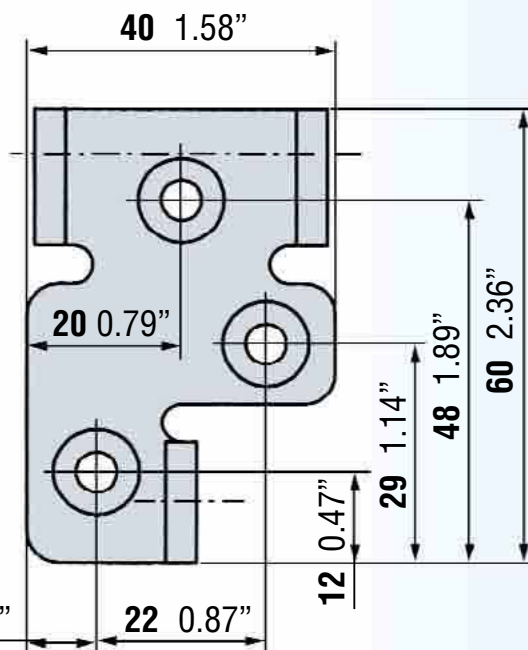
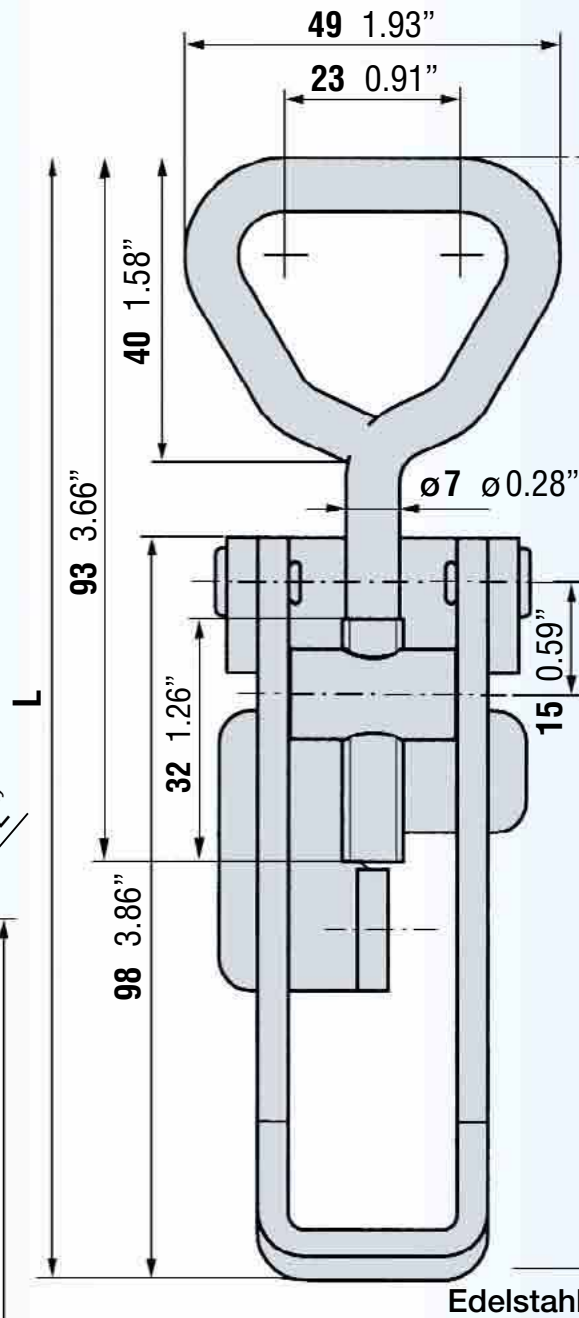


703 gebogenes T-Oberteil M8



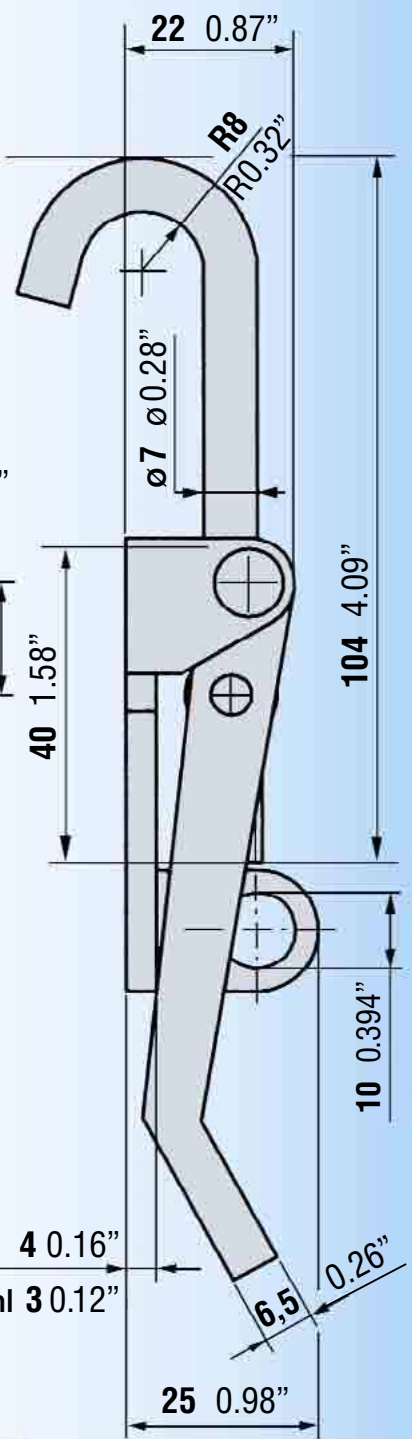
703 L

L = 149-164 5.87"-6.46"

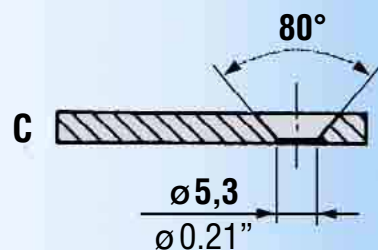


703 HL

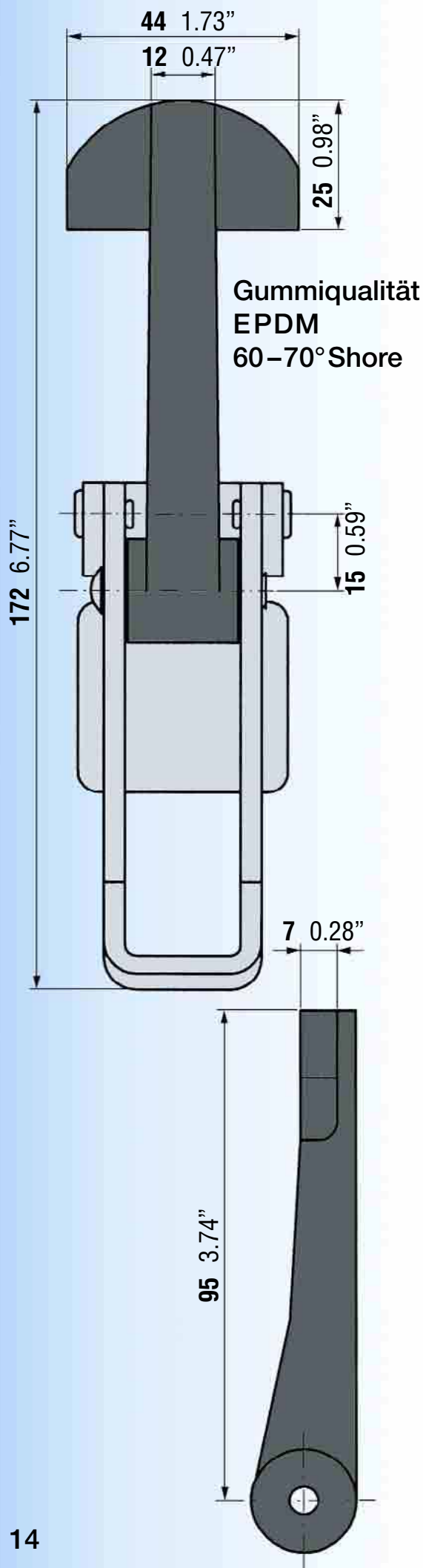
L = 159-174 6.26"-6.85"



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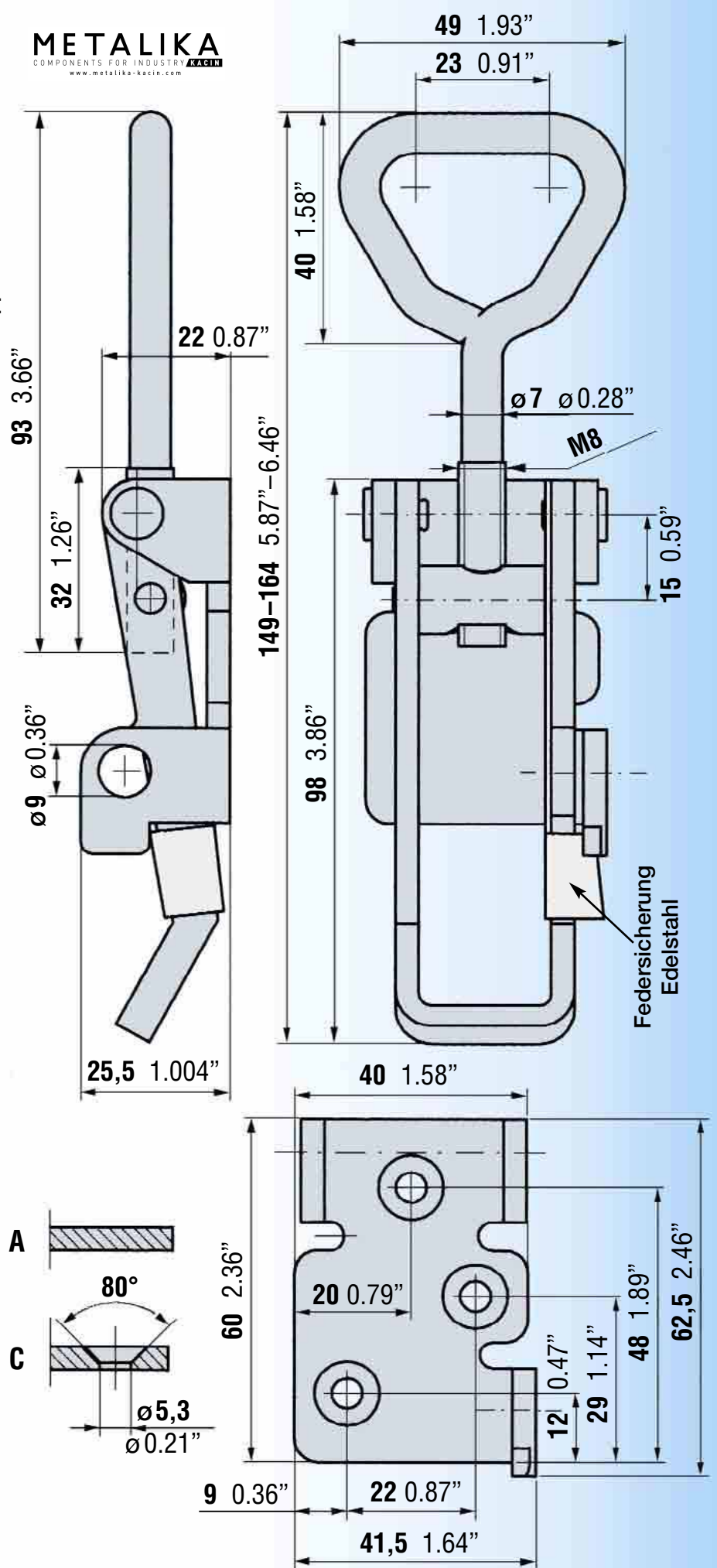


703 m. Gummioberteil



703 L m. Federsicherung

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www.metatika-kacin.com





41 C

schwarz chromatiert



703 L/C, schwarz chromatiert
m. selbstsicherndem Oberteil
und Federsicherung
zum Patent angemeldet

703 L/C, verzinkt,
m. selbstsicherndem Oberteil
zum Patent angemeldet



703 L/C, verzinkt,
m. Kunststoff überzogenem
Spannhebel
eingetragenes Design



Schwere Ausführung

804 TL/C

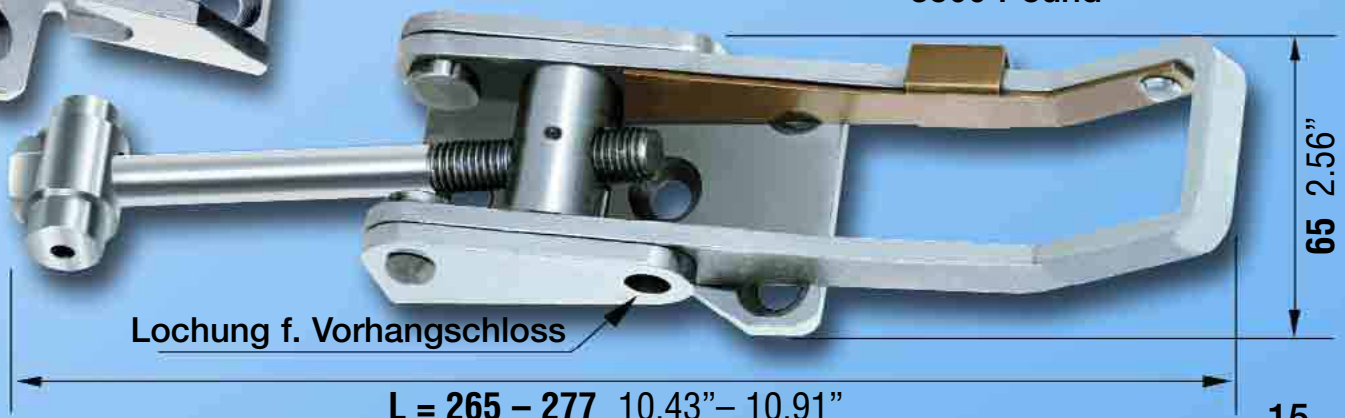
eingetragenes Design

Belastung 1600 Kp

16000 N

3500 Pound

42 C



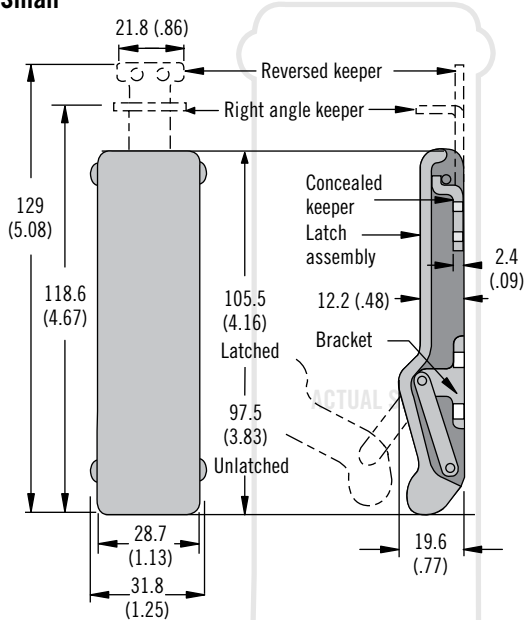
Lochung f. Vorhangschloss

L = 265 - 277 10.43" - 10.91"

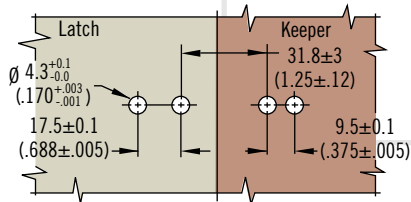
15



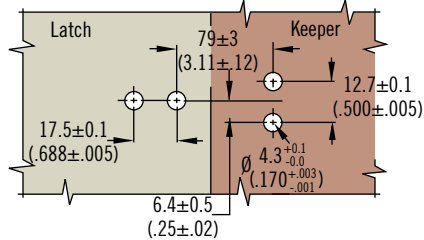
Small



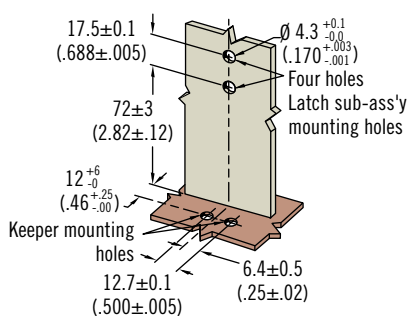
For concealed keeper



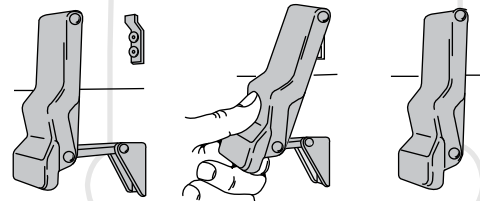
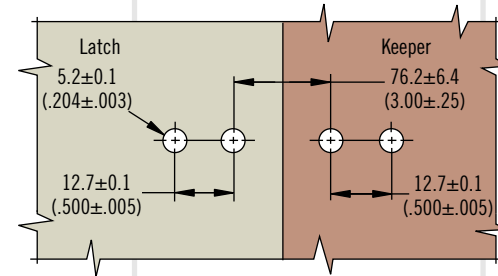
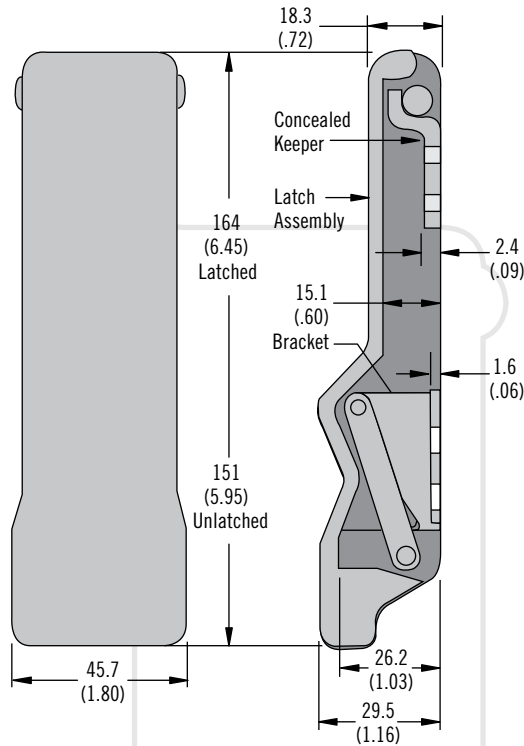
For reversed keeper



For right angle keeper



Large



Size	Keeper Style	Assembly Part Number
Small	Concealed	C7-10
	Reverse Keeper	C7-11
	Right Angle Keeper	C7-12
Large	Concealed	C7-20

- Low profile design
- Non-corrosive materials
- Cushions impact and accommodates misalignment

Material and Finish

Latch:

Thermoplastic elastomer black

Link and bushings:

Glass reinforced nylon

Keeper and bracket: Stainless steel

Performance Details

Small:

Clamping force: 49 N (11 lbf)

Large:

Clamping force: 176 N (40 lbf)

Flammability rating: UL94-HB

Installation Notes

Small:

Install assembly with four $\varnothing 4$ (.170) rivets or M4 (No. 8) screws (not supplied)

Large:

Install assembly with four $\varnothing 5$ (.204) rivets or M5 (No. 10) screws (not supplied)

Part Number

See table

Assembly complete with keeper

Flachkrampe

für Ovalöse 42x22 mm
 Mat.: St, galv. verzinkt
 Lochabstand mittig: 56 mm

Art.-Nr. 4042

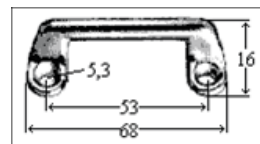


Lakaikrampen

Mat.: GTW, verzinkt



4083



Art.-Nr.	4049	4050	4052
lichte Bügelbreite	25 mm	30 mm	35 mm
Lochabstand mittig	48 mm	53 mm	57 mm
lichte Höhe	6 mm	8 mm	6 mm

Ringmuttern

Art.-Nr. 2997

Mat.: GTW, galv. verzinkt
 Gewinde M8



Art.-Nr. 1500

DIN 582

Mat.: St, galv. verzinkt
 Gewinde M10

Art.-Nr. 1501

DIN 582

Mat.: St, galv. verzinkt
 Gewinde M12



Ringmutter mit Haken

Mat.: GTW, galv. verzinkt
 Gewinde M8

Art.-Nr. 2982





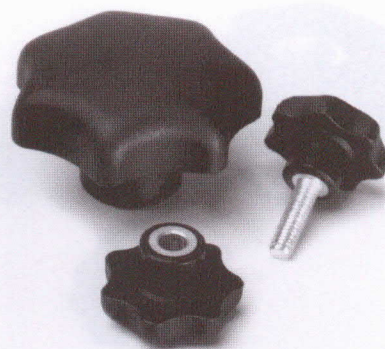
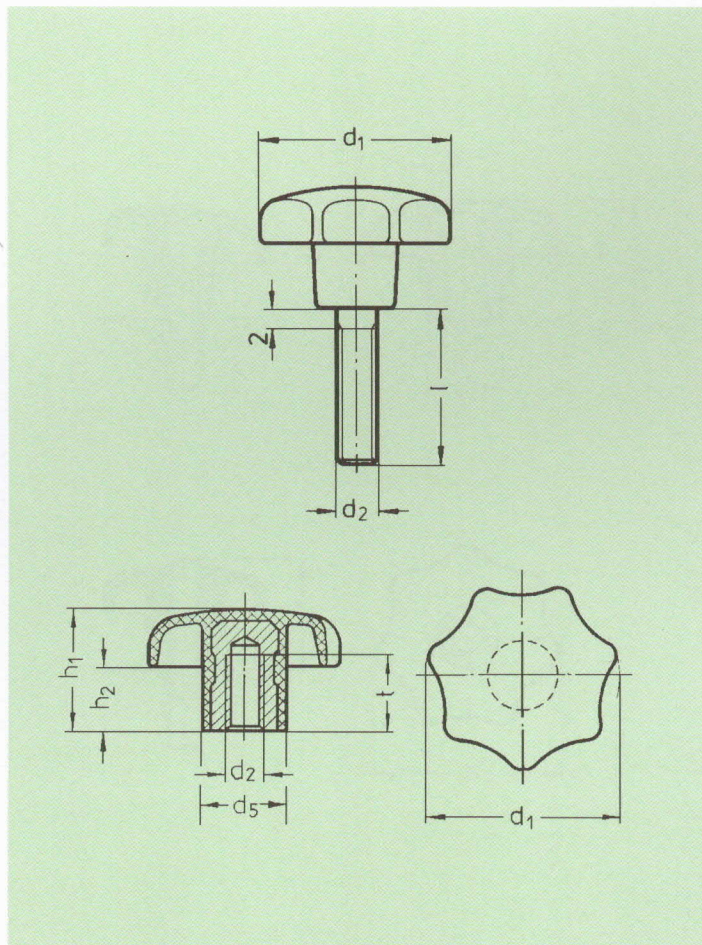
ZIMMERMANN



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Star Knobs

similar to DIN 6336



Zimmermann Star Knobs for various applications and individual solutions. Zimmermann star knobs offer high flexibility and captivate by their modern design and nice surface finish.

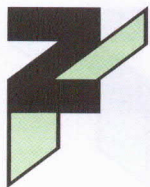
Model: Body from reinforced polyamide, black matt. Bush resp. screw from steel, zinc-plated.

Star knobs with fitting hole H7 and star knobs from cast iron or aluminium are available on request.

Zimmermann Star Knobs similar to DIN 6336

Order No.	Internal Thread	Internal Thread d ₂	t mm	Weight approx. g	Order No.	External Thread	External Thread d ₂	Length of Screw l (mm)						Size d ₁ mm	d ₅ mm	h ₁ mm	h ₂ mm
24 25 04	M 4		7,5		24 25 05 ...	M 5	10	15	20	25	30			25	12	16	8
24 25 05	M 5		8,5	5	24 25 06 ...	M 6	10	15	20	25	30						
24 25 06	M 6		9														
24 32 05	M 5		8,5		24 32 06 ...	M 6	11	16	21	26	31			32	14	20	10
24 32 06	M 6		9	8	24 32 08 ...	M 8		15	20	25	30	40					
24 40 05	M 5		8,5	15										40	18	25	13
24 40 06	M 6		9	16													
24 40 08	M 8		14	17	24 40 08 ...	M 8		15	20	25	30	40					
24 50 08	M 8		14	31	24 50 08 ...	M 8		14	19	24	29	39		50	22	32	17
24 50 10	M 10		21	30	24 50 10 ...	M 10			20		30	40	50				
24 63 10	M 10		23	85										63	26	40	21
24 63 12	M 12		23	82	24 63 12 ...	M 12			25	30	40		60				

... Please indicate here the desired length of screw e.g. 025 for l = 25 mm.



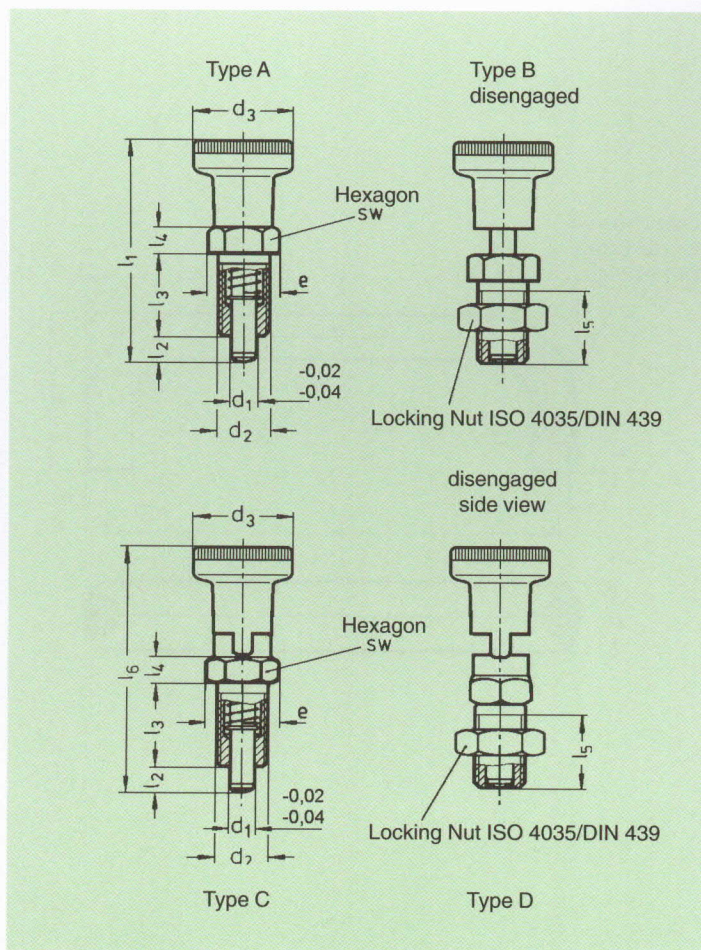
ZIMMERMANN



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Fixing Bolts

from Steel resp. Stainless Steel



Model Steel: Knob from polyamide black matt. Steel parts stability class 5.8, black oxide finish. Locking bolt hardened and ground.

Model Stainless Steel: Knob from polyamide black matt. Steel parts from stainless steel, Material No. 1.4305. Locking bolt ground and nitrated.

Type A: without Fixing Slot, without Locking Nut

Type B: without Fixing Slot, with Locking Nut

Type C: with Fixing Slot, without Locking Nut

Type D: with Fixing Slot, with Locking Nut

Note for Zimmermann Fixing Bolts:

Fixing bolts are used when a change of resting position by axial loads has to be avoided. Another resting position only can be choiced if bolt has been pressed out manually. If fixing pin has to be locked out longer time and unintentional resting has to be avoided, please use Type C resp. Type D.

Zimmermann Fixing Bolts - Steel

Order No.	Order No.	Order No.	Order No.	Size						l ₂			l ₆	
Type A	Type B	Type C	Type D	d ₁ mm	d ₂ mm	d ₃ mm	e mm	l ₁ mm	min. mm	l ₃ mm	l ₄ mm	l ₅ mm	min. mm	sw
30 05 A	30 05 B	30 05 C	30 05 D	5	M 10 x 1	21	13,8	45	5	17	5	15	51	12
30 06 A	30 06 B	30 06 C	30 06 D	6	M 12 x 1,5	25	16,2	54,5	6	20	6	17	61	14
30 08 A	30 08 B	30 08 C	30 08 D	8	M 16 x 1,5	31	21,9	69	8	26	8	23	75,5	19
30 10 A	30 10 B	30 10 C	30 10 D	10	M 20 x 1,5	31	25,4	80	10	33	10	30	91	22

Zimmermann Fixing Bolts - Stainless Steel

Order No.	Order No.	Order No.	Order No.	Size	d ₁	d ₂	d ₃	e	l ₁	l ₂	l ₃	l ₄	l ₅	l ₆	sw
Type A	Type B	Type C	Type D	d ₁	d ₂	d ₃	e	l ₁	l ₂	l ₃	l ₄	l ₅	l ₆	l ₆	sw
30 05 A E0A	30 05 B E0A	30 05 C E0A	30 05 D E0A	5	M 10 x 1	21	13,8	45	5	17	5	15	51	12	
30 06 A E0A	30 06 B E0A	30 06 C E0A	30 06 D E0A	6	M 12 x 1,5	25	16,2	54,5	6	20	6	17	61	14	
30 08 A E0A	30 08 B E0A	30 08 C E0A	30 08 D E0A	8	M 16 x 1,5	31	21,9	69	8	26	8	23	75,5	19	
30 10 A E0A	30 10 B E0A			10	M 20 x 1,5	31	25,4	80	10	33	10	30		22	

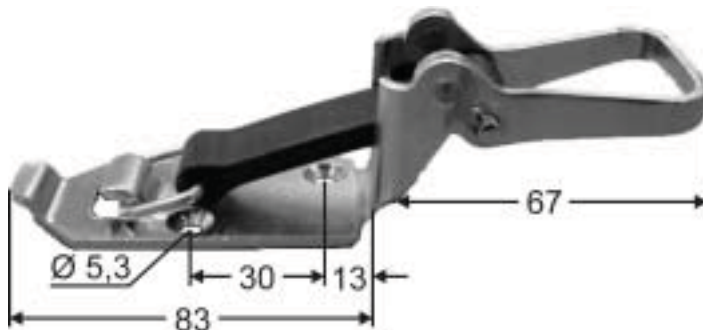
Verschlusslager

Mat.: St, galv. verzinkt
Spannband: Gummi, schwarz

Art.-Nr. 5812

Länge Spannband: 60 mm

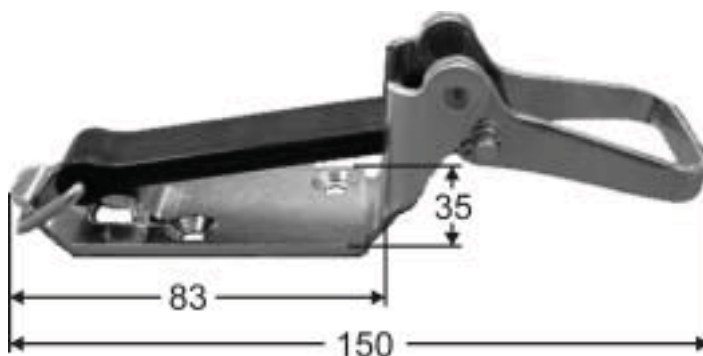
Ersatzbedarf:
loses Spannband Art.-Nr. 5812 A



Art.-Nr. 5811

Länge Spannband: 77,5 mm

Ersatzbedarf:
loses Spannband Art.-Nr. 5811 A



Im Bedarfsfalle gesondert bestellen:

Art.-Nr. 5804

Gummiplatte zu Nr. 5811/12

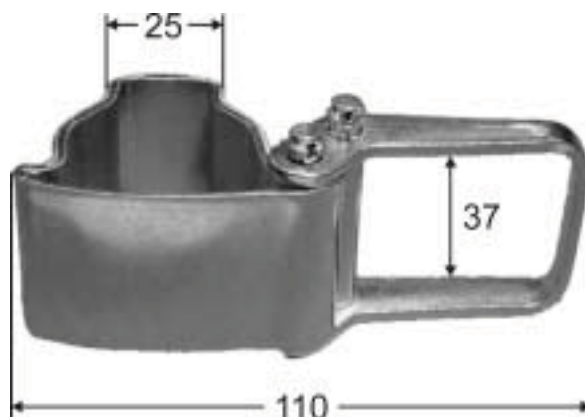


Spatenverschluss

Mat.: St, roh-blank

Art.-Nr. 5810

Ferner gegen Aufpreis galv. verzinkt lieferbar
(Art.-Nr. 5810 Z)

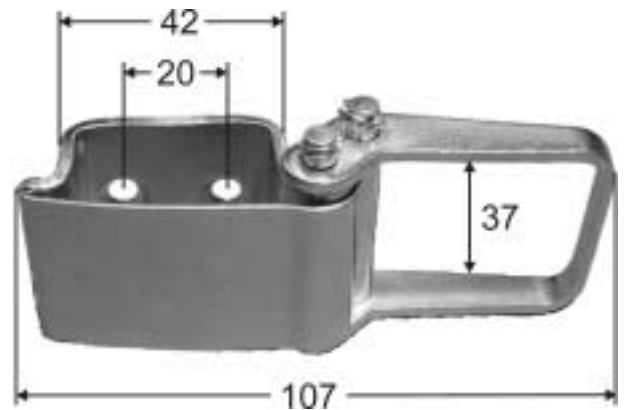


Beilverschluss

Mat.: St, roh-blank

Art.-Nr. 5800

Ferner gegen Aufpreis galv. verzinkt lieferbar
(Art.-Nr. 5800 Z)

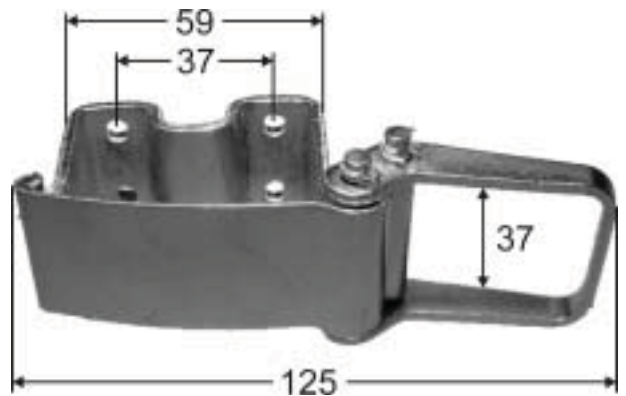


Kreuzhackenverschluss

Mat.: St, roh-blank

Art.-Nr. 5820

Ferner gegen Aufpreis galv. verzinkt lieferbar
(Art.-Nr. 5820 Z)



Bodenklappenverschlüsse

Ausführung: Hülse Ø16 mm

Mat.: Hülse und Zunge: St, galv. verzinkt

Bolzen : Ms, gelb

Scheiben : Faserkunststoff, rot

Art.-Nr. 5340

H = 15 mm

Art.-Nr. 5342

H = 25 mm



Bodentürschnäpper

Mat.: St, galv. verzinkt

Ausführung: Lochabstand (Größe): 55x55 mm

Art.-Nr. 11347

Lieferumfang: Winkelschließblech und Abdeckblech



Federklammern

Mat.: Federstahl, galv. verzinkt

Art.-Nr.	Spannbreite
11450	6- 8 mm
11451	9-11 mm
11452	12-16 mm
11453	17-22 mm
11454	23-29 mm
11455	30-37 mm
11456	38-48 mm



Art.-Nr. 2268

Mat.: Federstahl, galv. verzinkt

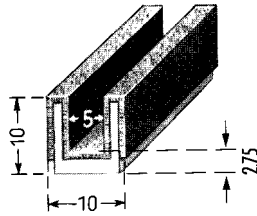


Universalhalter

Mat.: Federstahl, galv. verzinkt
Rollen aus Gummi

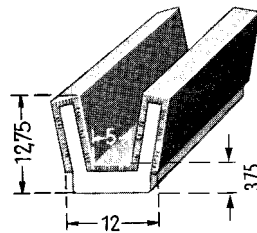
Art.-Nr. 10855





462 0023
Gummisamtschiene
Gummi mit Samtbezug
VE 20 m

462 0023
Flocked Rubber Section
Rubber with piled covering
S.U. 20 m

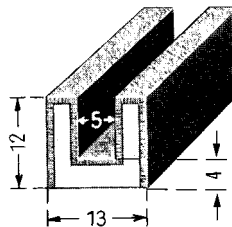


462 0025
Gummisamtschiene
Gummi mit Samtbezug
VE 20 m

462 0025
Flocked Rubber Section
Rubber with piled covering
S.U. 20 m

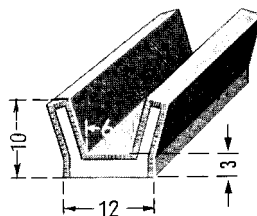
M Gesondert bestellen: Halteleiste 372 0122

Order separately: Carrier profile 372 0122



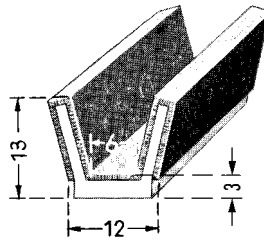
462 0026
Gummisamtschiene
Gummi mit Samtbezug
VE 20 m

462 0026
Flocked Rubber Section
Rubber with piled covering
S.U. 20 m



462 0029
Gummisamtschiene
Gummi mit Samtbezug
VE 20 m

462 0029
Flocked Rubber Section
Rubber with piled covering
S.U. 20 m

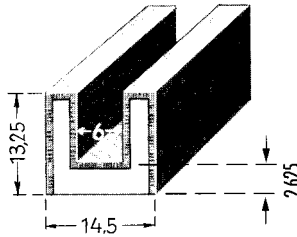


462 0030
Gummisamtschiene
Gummi mit Samtbezug
VE 20 m

462 0030
Flocked Rubber Section
Rubber with piled covering
S.U. 20 m

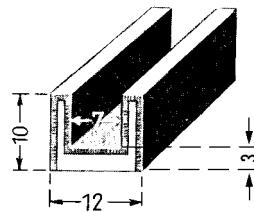
M Gesondert bestellen: Halteleiste 372 0122

Order separately: Carrier profile 372 0122



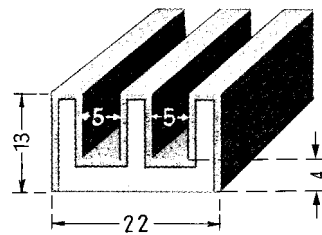
462 0032
Gummisamtschiene
Gummi mit Samtbezug
VE 20 m

462 0032
Flocked Rubber Sections
Rubber with piled covering
S.U. 20 m



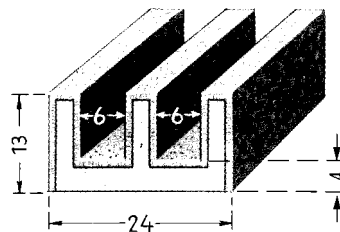
462 0034
Gummisamtschiene
Gummi mit Samtbezug
VE 20 m

462 0034
Flocked Rubber Section
Rubber with piled covering
S.U. 20 m



462 0037
Gummisamtschiene
Gummi mit Samtbezug
VE 20 m

462 0037
Flocked Rubber Section
Rubber with piled covering
S.U. 20 m



462 0040
Gummisamtschiene
Gummi mit Samtbezug
VE 20 m

462 0040
Flocked Rubber Section
Rubber with piled covering
S.U. 20 m

M Gesondert bestellen: Halteleiste 372 0124

Order separately: Carrier profile 372 0124