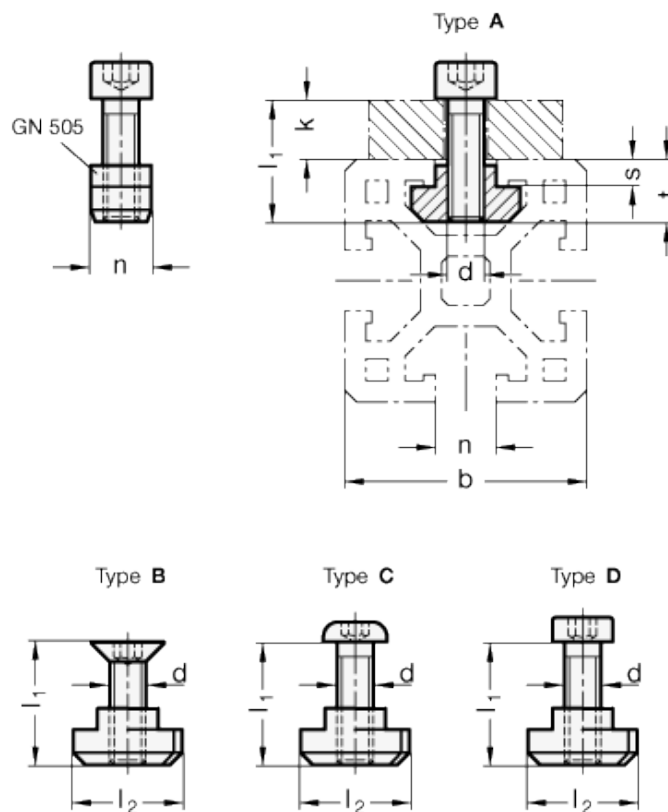


# GN 968

Assembly sets for profile systems 30 / 40 / 45



technical informations  
**T-Nuts GN 505**  
Zinc plated Steel, blue passivated.  
GN 505 with increased torque (Type MB).

Ball

Stainless Steel.

### Spring

Stainless Steel.

### Standard versions available

- Type A: with cylinder head screw DIN 912, zinc plated, blue passivated.
- Type B: with countersunk screw DIN 7991, zinc plated, blue passivated.
- Type C: with lens screw ISO 7380, zinc plated, blue passivated.
- Type D: with cylinder head screw DIN 7984, zinc plated, blue passivated.

### *Features and applications*

Assembly sets GN 968 allow the different standard element to be attached to the most common profile system. Each set includes one T-nut GN 505 and one screw.

### *Overview to appropriate standards*

**Assembly sets GN 968 for different ELESA+GANter standards**

Type A    Type B    Type C    Type D 		
Hinges CFA-SL  CFA.65-S-...	-	GN 968-10-M6-18-A <sup>1)</sup>
Hinges CFG.  CFG.3C/3D SH-6 CFG.4C/4D SH-6	GN 968-8-M6-16-B - -	- GN 968-10-M6-18-B <sup>1)</sup> GN 968-10-M6-18-B <sup>2)</sup>
Hinges CFI.  CFI.30-30/30 SH-6 CFI.40-40/40 SH-6	GN 968-8-M6-16-B - -	- GN 968-10-M6-18-B <sup>1)</sup> GN 968-10-M6-18-B <sup>2)</sup>
Hinge CFM.  CFM.60-45 SH-6	-	GN 968-10-M6-18-B <sup>1)</sup>
Hinges CFMW.  CFMW.70-SH-6 CFMW.100-SH-6	-	GN 968-10-M6-18-B <sup>1)</sup>
Hinge CFR.  CFR.60 SH-6	-	GN 968-10-M6-20-B <sup>1)</sup>
Hinges with switch CFSQ  CFSQ.60 SH-6-...	-	GN 968-10-M6-18-B <sup>1)</sup>

<sup>1)</sup> only for profile 40 x 40    <sup>2)</sup> only for profile 45 x 45

<p>Hinges with safety switch CFSW.</p> 	<p>CFSW.110-6-...</p>	<p>-</p> <p><b>GN 968-10-M6-18-B <sup>1)</sup></b></p>
<p>Bridge handles EBP.</p> 	<p>EBP.140-6-... EBP.140-8-... EBP.180-8-... EBP.200-8-...</p>	<p><b>GN 968-8-M6-14-A</b></p> <p>-</p> <p>-</p> <p>-</p> <p><b>GN 968-10-M8-28-A</b> <b>GN 968-10-M8-28-A</b> <b>GN 968-10-M8-28-A</b></p>
<p>Guard safety handles ESP.</p> 	<p>ESP.110-SH-...</p>	<p><b>GN 968-8-M6-18-B</b></p> <p><b>GN 968-10-M6-22-B</b></p>
<p>Guard wing handles EWP.</p> 	<p>EWP.110-SH-...</p>	<p><b>GN 968-8-M6-18-B</b></p> <p><b>GN 968-10-M6-22-B</b></p>
<p>Hinges GN 127</p> 	<p>GN 127-...-B</p>	<p>-</p> <p><b>GN 968-10-M6-20-B <sup>1)</sup></b></p>
<p>Mounting plate GN 139.3</p> 	<p>GN 139.3-170</p>	<p><b>GN 968-8-M6-10-A</b></p> <p><b>GN 968-10-M6-14-A</b></p>
<p>Mounting plate GN 139.4</p> 	<p>GN 139.4-101</p>	<p><b>GN 968-8-M6-10-A</b></p> <p><b>GN 968-10-M6-14-A</b></p>

Flanged connector clamps GN 145



GN 145-...

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**GN 968-10-M5-18-A**

Hinges GN 161



GN 161-57 / 68 / 80

**GN 968-8-M6-14-B**

**GN 968-10-M6-18-B**

Base plate  
connector clamps GN 162.3



GN 162.3-...

**GN 968-8-M5-14-A**

**GN 968-10-M5-18-A**

Tube supports GN 231



GN 231-B20 / B25 / B30  
GN 231-V20 / V25 / V30

-

-

**GN 968-10-M8-14-A**

**GN 968-10-M8-14-A**

Swivel clamp  
connector bases GN 271



GN 271-25-..

-

**GN 968-10-M5-18-A**

Swivel clamp  
connector bases GN 281



GN 281-40 / 65

-

**GN 968-10-M5-18-A**







Tubular handles GN 333














GN 333-28-...-B-...

**GN 968-8-M6-25-A**

**GN 968-10-M6-28-A**

Tubular handles GN 333.1		GN 333.1-28-...-B-...	GN 968-8-M6-14-C	GN 968-10-M6-18-C
Oval tubular handles GN 334.1		GN 334.1-36-...	-	GN 968-10-M8-16-C
Mounting blocks GN 412.1		GN 412.1-47-...	GN 968-8-M5-18-A	-
Indexing plungers GN 417		GN 417-5-A / -B GN 417-6-A / -B / -C GN 417-8-A / -B	GN 968-8-M4-12-A GN 968-8-M5-14-A GN 968-8-M5-14-A	- GN 968-10-M5-16-A GN 968-10-M5-16-A
Foot clamp mountings GN 473		GN 473-B8-... GN 473-B10 / B12-... GN 473-B15 / B16-... GN 473-B20-...	GN 968-8-M4-10-A - - -	GN 968-10-M4-14-A GN 968-10-M5-14-A GN 968-10-M6-14-A GN 968-10-M6-18-A
Clamp mountings GN 477		GN 477-B8-... GN 477-B10 / B12-... GN 477-B15 / B16 / B20-...	GN 968-8-M4-16-A GN 968-8-M5-18-A GN 968-8-M6-20-A	- GN 968-10-M5-20-A GN 968-10-M6-22-A
Flanged bolts GN 480		GN 480-8-... GN 480-10 / 12-... GN 480-15 / 16 / 20-...	GN 968-8-M4-10-A GN 968-8-M5-10-A GN 968-8-M6-12-A	GN 968-8-M4-10-A GN 968-8-M5-10-A GN 968-8-M6-12-A

<p>Cabinet „U“ handles GN 565.1</p> 	<p>GN 565.1-20-... GN 565.1-26-...</p>	<p><b>GN 968-8-M5-20-A</b> -</p>	<p>- <b>GN 968-10-M6-22-A</b></p>
<p>Cabinet „U“ handles GN 565.2</p> 	<p>GN 565.2-26-128-B-... GN 565.2-26-160-B-...</p>	<p>- -</p>	<p><b>GN 968-10-M6-22-C</b> <b>GN 968-10-M6-22-C</b></p>
<p>Cam action indexing plungers GN 612.2</p> 	<p>GN 612.2-...-16-... GN 612.2-...-20-...</p>	<p><b>GN 968-8-M5-18-A</b> <b>GN 968-8-M5-22-A</b></p>	<p>- <b>GN 968-10-M5-25-A</b></p>
<p>Cam action indexing plungers GN 612.9</p> 	<p>GN 612.9-...-16-... GN 612.9-...-20-...</p>	<p><b>GN 968-8-M5-18-A</b> <b>GN 968-8-M5-22-A</b></p>	<p>- <b>GN 968-10-M5-25-A</b></p>
<p>Cam action indexing plungers GN 722.3</p> 	<p>GN 722.3-8-... GN 722.3-10-... GN 722.3-12-... GN 722.3-14-...</p>	<p>- - - -</p>	<p><b>GN 968-10-M6-18-A</b> <b>GN 968-10-M6-18-A</b> <b>GN 968-10-M6-18-A</b> <b>GN 968-10-M6-18-A</b></p>
<p>Cabinet „U“ handles GN 728</p> 	<p>GN 728-120-B-... GN 728-180-B-...</p>	<p><b>GN 968-8-M6-14-A</b> -</p>	<p>- <b>GN 968-10-M8-18-A</b></p>

<p>Angle pieces / Shackles GN 967</p> 	<p>GN 967-...-20-...-1-... GN 967-...-20-...-2-... GN 967-...-30-...-1-... GN 967-...-30-...-2-... GN 967-...-40-...-1-... GN 967-...-40-...-2-... GN 967-...-45-...-1-... GN 967-...-45-...-2-...</p>	<p>GN 968-8-M5-10-A GN 968-8-M5-10-B GN 968-8-M6-12-A GN 968-8-M6-12-B - - - -</p>	<p>GN 968-10-M5-14-A GN 968-10-M5-14-B GN 968-10-M6-14-A GN 968-10-M6-14-B GN 968-10-M8-16-A GN 968-10-M8-16-B GN 968-10-M8-16-A GN 968-10-M8-16-B</p>
<p>Handles M.443 CH / M. 443 N-CH M.443 AE-V0 / M.443-ESD</p> 	<p>M.443/110-... M.443/140-6-... M.443/140-8-... M.443/150-... M.443/170-... M.443/190-... M.443/196-...</p>	<p>GN 968-8-M6-14-A GN 968-8-M6-16-A - - - - - - -</p>	<p>GN 968-10-M6-16-A GN 968-10-M6-20-A GN 968-10-M8-16-A GN 968-10-M8-16-A GN 968-10-M8-18-A GN 968-10-M8-18-A GN 968-10-M8-20-A GN 968-10-M8-20-A GN 968-10-M8-20-A GN 968-10-M8-20-A</p>
<p>Tubular handles M.1043</p> 	<p>M.1043/20-...</p>	<p>-</p>	<p>GN 968-10-M8-20-A</p>
<p>Panel support clamp PC</p> 	<p>PC.35</p>	<p>GN 968-8-M6-10-D</p>	<p>GN 968-10-M6-14-D</p>
<p>Angles SQT.</p> 	<p>SQT.40-18-... SQT.40-25-...</p>	<p>GN 968-8-M6-14-C GN 968-8-M6-14-C -</p>	<p>- - GN 968-10-M8-18</p>

Standard Elements	Main dimensions								Weight	
	Description	b	n	d	l <sub>1</sub>	k ≈	l <sub>2</sub>	s ≈		t ≈
GN 968-8-M4-10-A	30	8	M 4	10	...	6	16	2.2	7.2	5
GN 968-8-M4-12-A	30	8	M 4	12	2 ...	8	16	2.2	7.2	5
GN 968-8-M4-16-A	30	8	M 4	16	6 ...	12	16	2.2	7.2	6
GN 968-8-M5-10-A	30	8	M 5	10	...	5	16	2.2	7.2	7
GN 968-8-M5-12-A	30	8	M 5	12	2 ...	7	16	2.2	7.2	6
GN 968-8-M5-12-B	30	8	M 5	12	2 ...	7	16	2.2	7.2	6
GN 968-8-M5-14-A	30	8	M 5	14	4 ...	9	16	2.2	7.2	7
GN 968-8-M5-18-A	30	8	M 5	18	8 ...	13	16	2.2	7.2	7
GN 968-8-M5-20-A	30	8	M 5	20	10 ...	15	16	2.2	7.2	7
GN 968-8-M5-22-A	30	8	M 5	22	12 ...	17	16	2.2	7.2	8
GN 968-8-M6-10-A	30	8	M 6	10	...	4	16	2.2	7.2	8
GN 968-8-M6-10-D	30	8	M 6	10	...	4	16	2.2	7.2	8
GN 968-8-M6-12-A	30	8	M 6	12	2 ...	6	16	2.2	7.2	-
GN 968-8-M6-12-B	30	8	M 6	12	2 ...	6	16	2.2	7.2	-
GN 968-8-M6-14-A	30	8	M 6	14	4 ...	8	16	2.2	7.2	-
GN 968-8-M6-14-B	30	8	M 6	14	4 ...	8	16	2.2	7.2	-
GN 968-8-M6-14-C	30	8	M 6	14	4 ...	8	16	2.2	7.2	-
GN 968-8-M6-16-A	30	8	M 6	16	6 ...	10	16	2.2	7.2	-
GN 968-8-M6-16-B	30	8	M 6	16	6 ...	10	16	2.2	7.2	-



GN 968-8-M6-18-B	30	8	M 6	18	8 ... 12	16	2.2	7.2	-
GN 968-8-M6-20-A	30	8	M 6	20	10 ... 14	16	2.2	7.2	-
GN 968-8-M6-25-A	30	8	M 6	25	15 ... 19	16	2.2	7.2	10
GN 968-10-M4-14-A	40 / 45	10	M 4	14	... 8	19	6	11.8	10
GN 968-10-M5-12-A	40 / 45	10	M5	12	... 5	19	6	11.8	-
GN 968-10-M5-14-A	40 / 45	10	M 5	14	... 7	19	6	11.8	10
GN 968-10-M5-14-B	40 / 45	10	M 5	14	... 7	19	6	11.8	10
GN 968-10-M5-16-A	40 / 45	10	M 5	16	3 ... 9	19	6	11.8	-
GN 968-10-M5-18-A	40 / 45	10	M5	18	5 ... 11	19	6	11.8	-
GN 968-10-M5-20-A	40 / 45	10	M 5	20	7 ... 13	19	6	11.8	-
GN 968-10-M5-25-A	40 / 45	10	M 5	25	12 ... 18	19	6	11.8	-
GN 968-10-M6-14-A	40 / 45	10	M 6	14	... 6	19	6	11.8	-
GN 968-10-M6-14-B	40 / 45	10	M 6	14	... 6	19	6	11.8	-
GN 968-10-M6-14-D	40 / 45	10	M 6	14	... 6	19	6	11.8	-
GN 968-10-M6-16-A	40 / 45	10	M 6	16	3 ... 8	19	6	11.8	-
GN 968-10-M6-18-A	40 / 45	10	M 6	18	5 ... 10	19	6	11.8	-
GN 968-10-M6-18-B	40 / 45	10	M 6	18	5 ... 10	19	6	11.8	-
GN 968-10-M6-18-C	40 / 45	10	M 6	18	5 ... 10	19	6	11.8	-
GN 968-10-M6-20-A	40 / 45	10	M 6	20	7 ... 12	19	6	11.8	-
GN 968-10-M6-20-B	40 / 45	10	M 6	20	7 ... 12	19	6	11.8	-
GN 968-10-M8-20-A	40 / 45	10	M 8	20	7 ... 11	19	6	11.8	-
GN 968-10-M6-22-A	40 / 45	10	M 6	22	9 ... 14	19	6	11.8	-
GN 968-10-M6-22-B	40 / 45	10	M 6	22	9 ... 14	19	6	11.8	-
GN 968-10-M6-22-C	40 / 45	10	M 6	22	9 ... 14	19	6	11.8	-
GN 968-10-M6-28-A	40 / 45	10	M 6	28	15 ... 20	19	6	11.8	-
GN 968-10-M8-14-A	40 / 45	10	M 8	14	... 5	19	6	11.8	-
GN 968-10-M8-16-A	40 / 45	10	M 8	16	3 ... 7	19	6	11.8	-
GN 968-10-M8-16-B	40 / 45	10	M 8	16	3 ... 7	19	6	11.8	-
GN 968-10-M8-16-C	40 / 45	10	M 8	16	3 ... 7	19	6	11.8	-
GN 968-10-M8-18-A	40 / 45	10	M 8	18	5 ... 9	19	6	11.8	19
GN 968-10-M8-18-C	40 / 45	10	M 8	18	5 ... 9	19	6	11.8	19
GN 968-10-M8-28-A	40 / 45	10	M 8	28	15 ... 19	19	6	11.8	20



STANDARD MACHINE ELEMENTS WORLDWIDE