



# SMART F

2.360

 **Allowed user weight**  
150 kg

 **Suitable for passenger transport**  
Tested according to ISO 7176-19 (max. user weight 136 kg)





Smooth transition from front frame to seat



Innovative light brake, swivelling, aluminium



Individually adjustable chassis



Optimised folding system with compact folding dimensions

## New Active Line

### **EFFICIENCY**

- Permanent provision with adjustment possibilities to functional changes reduces follow-up costs
- Extensive serial equipment minimises necessity for expensive customised parts
- Little wear and proneness to repair through integral design of the frame and the quality of the attachment components

### **THERAPEUTIC BENEFIT**

- Perfect easy running and little own weight support the independence of the user
- Adaptable to functional changes and individual needs of the user through adjustment of the back, seat and chassis
- Extensive equipment assortment for long-term users
- Compact sitting, driving and transport through the optimal frame design
- Adjustable seat and back strap, individually adjustable back height
- Optimum mobility traits: lighter, sportier, easier to tilt and turn

### **FIELD OF USE**

- For permanent and long term provision
- For paraplegic provision
- Very good suitability for many disease patterns, even for severely encumbered
- Users without function of the lower extremities (lateral transfer, driven through the handrims)
- For very active wheelchair users, handbikers and frequent travellers

ORDER

COST ESTIMATE

CUSTOM DESIGN

Please fax the completed order form to: **05733 922 9311**

Customer service **05733 922 311**

Billing address / Customer ref. no.:

Delivery address:

Tax-ID

Consignment / Comments:

Order quantity:

**MEYRA**



**Allowed user weight**

150 kg



**Suitable for passenger transport**

Tested according to ISO 7176-19 (max. user weight 136 kg)



**Hints**

Our Terms and Conditions as stated at [www.meyra.de/AGB](http://www.meyra.de/AGB) shall apply  
You can find information on the measurement process at [www.meyra.de/messverfahren](http://www.meyra.de/messverfahren)

Valid from 01.01.2024 – 31.12.2024.  
Errors, misprints and changes reserved.

Use our K.I.S.S.S. for orders and configurations at [www.kisss-by-meyra.de](http://www.kisss-by-meyra.de)  
You avoid queries and incorrect orders thanks to the buildability check



### Technical specifications

<sup>1)</sup> When using auxiliary drives, the permissible total weight must not be exceeded

Seat widths in mm	320/340/360/380/400/420/440/460/480/500/520
Width ready to drive in mm from	seat width + 180
Width folded in mm from	280 with 0° wheel camber or 330 with 3° wheel camber
Seat depth in mm	380/400/420/440/460/480/500
Seat height front/rear in mm	440 to 530/400 to 530
Overall height in mm	Rear seat height + back support height
Back support height in mm	variable from 250 to 500 +25 mm
Arm support height in mm	ca. 170 - 245
Length with footrest in mm	880 - 1030 (depending on frame length, wheel size and axis position)
User weight	150 kg
Empty weight from	9,5 kg
Permissible overall weight	165 kg <sup>1)</sup>
Transport weight	7,4 kg
Rear wheel	600 mm (24") / 635 mm (25") / 660 mm (26")
Brake test according to STANDARD	7°

Please select by ticking the relevant boxes

Special construction/individual solution o.r. - on request

Standard version: If no other selection is made, the standard version will be delivered.

## 01 Frame shape / seat width / seat depth

	Frame short (C-351)			Frame middle (C-352)		Frame long (C-353)	
	(C-368)	(C-615)	(C-784)	(C-618)	(C-619)	(C-787)	(C-792)
<b>Seat width/Seat depth</b>	<b>SD 380 mm</b>	<b>SD 400 mm</b>	<b>SD 420 mm</b>	<b>SD 440 mm</b>	<b>SD 460 mm</b>	<b>SD 480 mm</b>	<b>SD 500 mm</b>
SW 320 mm (C-32)							
SW 340 mm (C-34)							
SW 360 mm (C-36)							
SW 380 mm (C-38)							
SW 400 mm (C-40)							
SW 420 mm (C-342)							
SW 440 mm (C-344)							
SW 460 mm (C-46)							
SW 480 mm (C-48)							
SW 500 mm (C-350)							
SW 520 mm (C-952)							

including utensil pocket under the seat belt

## 02 Frame options

CODE	DESCRIPTION	ANGLE
346	Standard front frame	79°
347	Compact front frame <b>!</b> The seat height difference FSH to RSH must be at least 20 mm.	86°
4950	With frame reduction (10 mm per side)	
4959	Without taper frame	

### Variable block

CODE	DESCRIPTION
992	Varioblock for additional drives <b>!</b> Only i.c. with CODE 81 Short side armrest or CODE 84 Long side armrest Not i.c. with CODE 2595 Light brake

Please select by ticking the relevant boxes

Special construction/individual solution o.r. - on request

Standard version: If no other selection is made, the standard version will be delivered.

### 03 Front seat height (FSH) in combination with castor wheel (without seat cushion)

The max permissible seat height difference between front and rear seat height is 100 mm!

Front seat height in mm (FSH)

Code	Castor	440	450	460	470	480	490	500	510	520	530
151/908	Ø 100 Solid rubber black										
151/909	Ø 100 Solid rubber grey										
325/908	Ø 125 Solid rubber black										
325/909	Ø 125 Solid rubber grey										
327/908	Ø 142 Soft-solid rubber black										
327/909	Ø 142 Soft-solid rubber grey										

### Front seat height (FSH) in combination with castor wheel (without seat cushion)

Front seat height in mm (FSH)

Code	Castor	440	450	460	470	480	490	500	510	520	530
2480	Ø 100 x 23 Lightwheel black										
2481	Ø 100 x 32 Castor aluminum silver										
2482	Ø 125 x 32 Castor aluminum silver										

 Tires: CODE 2480 solid rubber, transparent/colored - CODE 2481/2482 solid rubber black

### Seat height front in combination with carbon castor (without seat cushion)

Front seat height in mm (FSH)

Code	Castor	440	450	460	470	480	490	500	510	520	530
2495	Ø 100 x 30 mm, Black										
2496	Ø 125 x 30 mm, Black										

 Tyres: solid rubber, black

Please select by ticking the relevant boxes

Special construction/individual solution o.r. - on request

Standard version: If no other selection is made, the standard version will be delivered.

## Seat height front in combination with aluminium castor (without seat cushion)

Front seat height in mm (FSH)

Code	Castor	440	450	460	470	480	490	500	510	520	530
2483	Ø 100 x 37 mm, Silver										
2484	Ø 100 x 37 mm, Black										
2485	Ø 100 x 37 mm, White										
2486	Ø 100 x 37 mm, Red										
2487	Ø 100 x 37 mm, Blue										
2488	Ø 100 x 37 mm, Orange										
2489	Ø 125 x 37 mm, Silver										
2490	Ø 125 x 37 mm, Black										
2491	Ø 125 x 37 mm, White										
2492	Ø 125 x 37 mm, Red										
2493	Ø 125 x 37 mm, Blue										
2494	Ø 125 x 37 mm, Orange										

 Tyres: solid rubber, black

## Steering wheel option

CODE	DESCRIPTION
903	Reinforced caster forks  Recommended when using auxiliary drives and with heavier user weight

Please select by ticking the relevant boxes

 Special construction/individual solution o.r. - on request

 Standard version: If no other selection is made, the standard version will be delivered.

**04 Rear wheels i.c. with seat height (tires CAT 07 and hand rims CAT 06)**

RSH (mm) 400 410 420 430 440 450 460 470 480 490 500

A

CODE	RSH	DESCRIPTION	Ø
651	A	Standard wheel, incl. quick release axle (pair)	24"
2651	A	Standard wheel black, incl. quick release axle (pair)	24"
706	A	Drum braked wheel with radial spokes and drum brake for accompanying person ⚠ Only in combination with push handles CODE 502 Only i.C. with CODE 423 0° wheel camber	24"
848	A	SILVERDESIGN with radial spokes and high flange rim incl. quick-release axle (pair)	24"
695	A	Active-wheel with radial spokes, high flange rim, hollow rim (Jumbo rim) in black ⚠ *Empfohlen ab 100 kg Nutzergewicht oder bei dynamischer Fahrweise nicht i.V.m. Carbolife Greifreifen CODE 849, 850, 853 nicht i.V.m. mit PU-Bereifung CODE 474	24"
2469	A	Spinergy CLX, carbon rear wheel, spokes and hub black ⚠ *nicht i.V.m. PU-Bereifung CODE 474 und 902	24"
2470	A	Spinergy LX, aluminum rear wheel, spokes, rim and hub black ⚠ *nicht i.V.m. PU-Bereifung CODE 474 und 902	24"
2471	A	Spinergy LX, aluminum rear wheel, rim and hub black, spokes white ⚠ *nicht i.V.m. PU-Bereifung CODE 474 und 902	24"
2472	A	Spinergy LX, aluminum rear wheel, rim and hub black, spokes orange ⚠ *nicht i.V.m. PU-Bereifung CODE 474 und 902	24"



Please select by ticking the relevant boxes

Special construction/individual solution o.r. - on request

Standard version: If no other selection is made, the standard version will be delivered.

## Rear wheel i.c. with seat height (incl. tyre and handrim)

RSH (mm) 400 410 420 430 440 450 460 470 480 490 500 510 520

**A**  
**B**

CODE	RSH	DESCRIPTION	Ø
2465	<b>A</b>	Six-Star incl. 8 bar high pressure tires and aluminum handrims (pair)	24x1"
752	<b>A</b>	Lightwheel incl. RightRun Light tyres and aluminum handrim black	24x1"
2473	<b>A</b>	Blacklight aluminum rear wheel, incl. Schwalbe Marathon Plus tyres and aluminum push rims, rim, hub and spokes black	24x1"
2466	<b>A</b>	Cross-Rad incl. coarse studded tyres and stainless steel handrims (pair)	24x1.75"
2461	<b>A</b>	Day-Lite aluminum rear wheel, rim, hub and spokes black. Black aluminum handrim and black MBL Gazelle tires. <b>⚠</b> max. user weight 100kg	24x1"
2468	<b>B</b>	Day-Lite aluminum rear wheel, black rim, hub and spokes, black aluminum handrim and black MBL Speedlite tyres. <b>⚠</b> max. user weight 100kg	25x1"

## 05 Horizontal rear wheel position (center of gravity)

Position	ACTIVE (Pos.-mm)			MEDIUM (Pos.-mm)		PASSIV (Pos.-mm)	
	1-100	2-90	3-80	4-70	5-60	6-50	7-40

**⚠** Measurement: Centre of back tube to centre of axle in mm

## Rear wheel options

CODE	DESCRIPTION
697	Release for tetra plegics, makes it easier to take off the drive wheel <b>⚠</b> Unlocking device for tetraplegics, facilitates the removal of the drive wheel Only in conjunction with drive wheels CODE 848 and 695, recommended in conjunction with 3° wheel camber CODE 447

Please select by ticking the relevant boxes





Special construction/individual solution o.r. - on request

Standard version: If no other selection is made, the standard version will be delivered.

## Wheel camber

CODE	DESCRIPTION
423	0° wheel camber
447	3°-wheel camber (track adjustable)

## 06 Handrims and handrim options

CODE	DESCRIPTION
445	Titanium, with 6 brackets  Only i.c. with active wheel CODE 695 and Spinergy wheel CODE 2469, 2470, 2471, 2472
493	Stainless steel, polished
494	Aluminum silver anodised  Not in combination with active wheel CODE 695
168	Optigripp-special handrim for tetraplegics
849	Curve L, aluminum black anodised, ergonomic handrim profile, H 31 mm
850	Curve L Tetra Grip, anti-slip coated, aluminum, suitable for quadriplegics, ergonomic handrim profile, H 31 mm
853	Gekko, aluminum black anodized with replaceable rubber lip, ergonomic hand rim profile, H 31mm
871	Double handrim for seat widths up to 480 mm  Only in conjunction with PU tyres CODE 902 Not in conjunction with drum brakes CODE 706 not suitable for very active use
166	Silicon hand rim cover, smooth, black  Not i.c. with Aluminum handrim CODE 494
692	Handrim distance narrow
693	Handrim distance far

Please select by ticking the relevant boxes

**S** Special construction/individual solution o.r. - on request

**Standard version:** If no other selection is made, the standard version will be delivered.

## 07 Tyres

CODE	DESCRIPTION	Ø
496	High pressure tyre 8 bar	24x1"
486	Pneumatic tyre will grooved profile	24x1 3/8"
902	PU-tyres, puncture safe <b>!</b> Not in combination with active wheel CODE 695	24x1"
897	Marathon-Plus-Evolution tyres, puncture protected	24x1"
363	Schwalbe ONE tires, no profile, puncture resistant	24x1"
395	Maxxis VN Master Alpha Protect tyre black, puncture resistant, 10 bar	24x1"
474	PU-tyres, puncture safe black	24x1"

**!** Tyres consist of a rubber compound which may leave permanent marks or be hard to remove from some surfaces (e.g. plastic, wooden or parquet flooring, rugs and carpets).  
 ☒ We cannot accept liability for any abrasion damage to flooring.

## 08 Brakes

CODE	DESCRIPTION
305	Pressure brake for user
2595	Light pressure brake made of aluminum, swing away <b>!</b> Not in combination with side guard CODE 748 / CODE 81 / 84 not i combination with Varioblock for additional drives CODE 992
986	Attachable brake lever extension

## 09 Backrest height (BH)

DESCRIPTION	Backrest height in mm					
	(C-620)	(C-626)	(C-631)	(C-632)	(C-633)	(C-637)
Back strap, adaptable via Velcro straps adjustable +25 mm	250	300	350	400	450	500

**!** Back strap height of 500 mm only in combination with push handle short CODE 410

Please select by ticking the relevant boxes

**S** Special construction/individual solution o.r. - on request

Standard version: If no other selection is made, the standard version will be delivered.

### Backrest variants

CODE	DESCRIPTION
2002	Back cover 20 mm wider <b>!</b> only in conjunction with CODE 235 or 292
2003	Back cover 40 mm wider <b>!</b> only in conjunction with CODE 235 or 292
593	Without back cover <b>!</b> recommended when using RIDE back systems

### Back strap colours (seat strap always in black)

CODE	DESCRIPTION
235	Textil black
292	Mash, breathable , black
296	Net fabric, breathable , red

## 10 Backrest

CODE	DESCRIPTION
410	Back with push handle, short
412	Back with push handle, long
411	Backrest without push handle
141	Push handles, swivel-away <b>!</b> only i.c. with Back without lumbar curve CODE 621
502	Backrest with push handle mounted to the frame tube, continuously height adjustable to 150 mm <b>!</b> Not in combination with push handle code 140/141
140	Push handle integrated in the back tube, height adjustable up to 100 mm <b>!</b> *Nicht i.V.m. Lumbalknick Code 622 nicht i.V.m. Rückenhöhe 250mm CODE 62
238	Folding push bar <b>!</b> Not i.c. with push handles CODE 502

Please select by ticking the relevant boxes

**S** Special construction/individual solution o.r. - on request

Standard version: If no other selection is made, the standard version will be delivered.

## Backrest options

CODE	DESCRIPTION
621	Backrest without lumbar support
622	Backrest with lumbar support <b>!</b> possible from BH 300 mm
29	Backrest, angle-adjustable from seat surface, +/-15° in 5° increments, can be adjusted subsequently <b>!</b> from BH 300 mm only i.c. with push handle CODE 410 / 412 Not i.c. with Lumbar bend Code 62 Not i.c. with BH 250 mm not i.c. with side panel bracket CODE 24
2032	ErgoSeat Pro laterals, small, pair <b>!</b> Recommended at back height 300 - 400 mm
814	Horizontal push bar, stabilises the back support under heavy strain <b>!</b> not in combination with push handles CODE 141. Recommended from SB 460
913	Head support, 300 mm continuously height adjustable <b>!</b> only in combination with push bar CODE 814

## **11** Ride System Back

Please specify the CODE from the RIDE order sheet:

Please select by ticking the relevant boxes

**S** Special construction/individual solution o.r. - on request

Standard version: If no other selection is made, the standard version will be delivered.

## 12 Seat cushions





CODE	DESCRIPTION
560	Seat cushion 30 mm
7199	Netti Contour Breathable 3D cover
562	Velcro strip on seat belt

## 13 Ride System Seat


Please specify the CODE from the RIDE order sheet:

## 14 Arm supports and arm pads

1 = fixed screwed 2 = swivel up 3 = detachable 4 = lockable 5 = height-adjustable armrest 6 = with wheel cover

CODE	DESCRIPTION	FUNCTIONS
100	Aluminum arm support in frame colour with carbon insert	1,6
98	Side part made of aluminum in frame color with carbon insert and 50 mm wheel cover	1,6
81	Side guard, armrest short, height adjustable with one hand operation  from HSH 450 mm	2,3,4,5
84	Side guard, armrest long, height adjustable with one hand operation  from rear seat height 440 mm	2,3,4,5
748	Aluminium arm support in frame colour with carbon insert, incl. height adjustable arm support  Not in combination with light brake Code 595 from rear seat height 440 mm	1,5,6
783	Carbon fiber side guard	1,6
302	Aluminium Light arm support in frame colour  from the rear seat height 430 mm	1

## 14 Side panel option

CODE	DESCRIPTION
24	Swing-away side panel bracket  only i.c. with CODE 98, 100, 783 or without side panel not i.c. with back angle adjustable CODE 29

Please select by ticking the relevant boxes

**S** Special construction/individual solution o.r. - on request

**Standard version:** If no other selection is made, the standard version will be delivered.

## 15 Leg supports and footrests

LLL (mm) 300 310 320 330 340 350 360 370 380 390 400 410 420 430 440 450 460 470 480

**A**  
**B**

CODE	LLL (mm)	DESCRIPTION	depth
97/311	<b>B</b>	*„Light“ Fußstütze durchgehend aus Aluminium in schwarz, selbstmitfaltend, höhen- und winkelverstellbar <b>!</b> Without frame reduction CODE 4959 from SW 340-500 mm with frame reduction CODE 4950 from SW 360-520 mm	100 mm
312	<b>B</b>	*Fußstütze durchgehend aus stabilem Aluminiumprofil in schwarz hochklappbar, höhen- und winkelverstellbar	100 mm
315	<b>B</b>	*Fußstütze durchgehend aus Aluminium in schwarz, hochklappbar, höhen- und winkelverstellbar	150 mm
808	<b>B</b>	*Einzelfußplatten aus Aluminium in schwarz, hochklappbar, tiefen- und winkelverstellbar. <b>!</b> Only i.c. without frame heeling CODE 4959	150 mm
54/123	<b>A</b>	*Fußstütze durchgehend aus Aluminium in schwarz, hochklappbar, höhen- und winkelverstellbar <b>!</b> Only i.c. without frame heeling CODE 4959	150 mm
4312	<b>B</b>	*LED Fußstütze aus stabilem Aluminium in schwarz durchgehend, höhen-/tiefen- und winkelverstellbar, inkl. Bluetooth Modul und Rücklicht <b>!</b> with CODE 4959 from SW 360 mm up, with CODE 4950 from SW 380 mm up	100 mm
4313	<b>B</b>	*LED Fußstütze aus stabilem Aluminium in schwarz durchgehend, höhen-/tiefen- und winkelverstellbar, inkl. Rücklicht <b>!</b> with CODE 4959 from SW 360 mm up, with CODE 4950 from SW 380 mm up	100 mm

### Footrests options

CODE	DESCRIPTION
663	Footrest, outward swivelling <b>!</b> only in combination with CODE 312
359	Calf belt

Please select by ticking the relevant boxes Special construction/individual solution o.r. - on request Standard version: If no other selection is made, the standard version will be delivered.**16** Frame colours

CODE	DESCRIPTION
130	Titanium grey
224	Blue-Metallic
227	Red Metallic
4044	Red Metallic Matt
4049	Olive green Matt
4050	Sky Blue
4051	Chalk
4922	Metallic green
4919	Silverline
206	Matt black



Please select by ticking the relevant boxes

Special construction/individual solution o.r. - on request




Standard version: If no other selection is made, the standard version will be delivered.

## 17 Options






### hand and spoke protection

CODE	DESCRIPTION
489	Transparent

### Support castors

CODE	DESCRIPTION
691	Anti-Tip, 1 pair, swivelling (recommended)  Not i.c. with step tube CODE 309
712	1 anti-tip, swivelling, mounted left  Not in combination with pedal tube CODE 309/4930, not in combination with shunting castors CODE 746
713	1 anti-tip, swivelling, mounted right  Not in combination with pedal tube CODE 309/4931, not in combination with shunting castors CODE 746

### Options




CODE	DESCRIPTION
746	1 pair shunting castors, e.g. for tight spaces or in an aeroplane  Not i.c.w. pedal tube CODE 309 or support castors CODE 691, from RSH 420 mm
833	Safety belt
970	Crutch holder  only i.V. with tread pipe CODE 309/4930/4931 or CODE 691/712/713
819	Reflectors  not in v.v.m. CODE 752, 2473, 2461 and 2468
309	Step tubes (1 pair)
4930	1 step tube, mounted on the left  not in combination with anti-tip-wheels, CODE 691/712 and anti-tip-wheels, CODE 746
4931	1 step tube, mounted on the right  not in combination with anti-tip-wheels, CODE 691/713 and anti-tip-wheels, CODE 746
679	Folding lock

Please select by ticking the relevant boxes

Special construction/individual solution o.r. - on request

Standard version: If no other selection is made, the standard version will be delivered.

## Therapy tables

CODE	DESCRIPTION
929	Plastic therapy table, transparent  Only in combination with side part CODE 84, only in combination with seat width 380 - 480 mm
930	Therapy table for manual wheelchairs, made of plastic, transparent for pushing on for the specified seat width  only in combination with side panel CODE 84
 With 24" wheels and a rear seat height of less than 470 mm, there is a resulting limitation in terms of armrest height with use of the therapy table Code 929/930	

## Xtrends options

Item	DESCRIPTION	HMV
261519300	X-TREME Backpack	
261519600	Wheel pouch „BLACK WHEEL CASE“ fitting for max. 2 x 24" wheels resp. each 1 x 25" or 26" wheel	18.99.99.0999
1074231	Wheel pouch „MEYRA ACTIVE“, fitting for max. 3 x 28" wheels	
206964600	3M Spoke reflectors	18.99.99.0999

## USER DATA

First name

Name

Street

ZIP CODE

City

Country

Birthday

Diagnosis 1

Diagnosis 2

Tel.

Mobil

E-mail

Order number

Health insurance fund / cost unit

Specialist trade Contact person/phone.

Supply specialist MEYRA

Approval info from week

## ANATOMICAL DATA (IN MM)

1) Seat depth

2) Seat width

3) Chest width

4) Chest depth

5) Elbow height

6) Armpit height

7) Back height

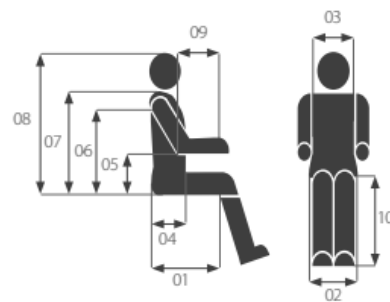
8) Head height

9) Forearm length

10) LLL

Body height

Weight (kg)



Remarks

I accept the Terms and Conditions of Meyra Distribution GmbH (valid as of January 2023)

<https://www.meyra.com/gtc/>

Date

City

Signature



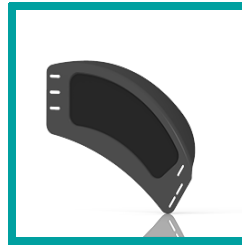
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14 Code 81



14 Code 84



14 Code 98



14 Code 100



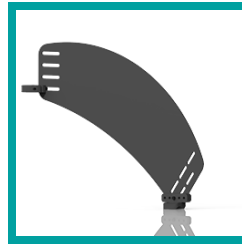
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10 Code 141



10 Code 238



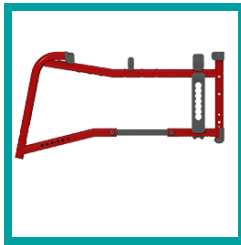
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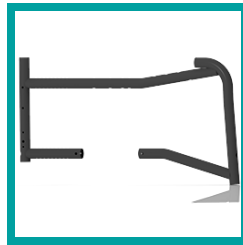
08 Code 305



15 Code 315



02 Code 346



02 Code 347



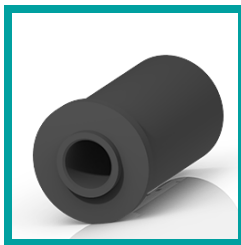
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00 Code 418



00 Code 419



05 Code 423



05 Code 447



10 Code 621



10 Code 622



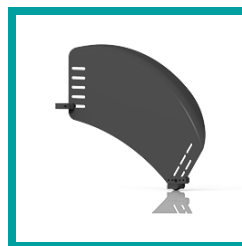
05 Code 679



00 Code 681



14 Code 748



14 Code 783



15 Code 808



10 Code 814



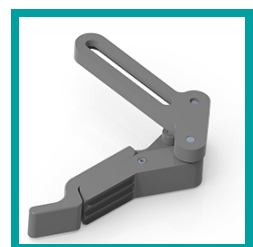
10 Code 913



08 Code 986



02 Code 992



08 Code 2595