

# Auxiliary Parts CCM actuators

## Article Numbers



ATB Automation

Mechanics | Motion Control

### Motorbracket linear guide W/L 40/45

22.89.10.0047	4045-57 (M4)	Nema 23 (M4) motor
22.89.10.0019	4045-57 (M5)	Nema 23 (M5) motor
22.89.10.0077	4045-40 (M3)-A	100W (40-M3) servomotor
22.89.10.0018	4045-60 (M4)	200/400W (60-M4) servomotor
22.89.10.0002	4045-60 (M5)	200/400W (60-M5) servomotor(*)



### Motorbracket linear guide W/L 50/60 and Z45/50/60

22.89.10.0056	5060-57-B (M4)	Nema 23 (M4) motor
22.89.10.0049	5060-57-B (M5)	Nema 23 (M5) motor
22.89.10.0057	5060-60-B (M4)	200/400W (60-M4) servomotor
22.89.10.0046	5060-60-B (M5)	200/400W (60-M5) servomotor(*)
22.89.10.0048	5060-80-A (M6)	750W (80-M6) servomotor
22.89.10.0058	5060-86-A (M5)	Nema 34 (M5) motor
22.89.10.0050	5060-90 (M6)	Size 90 (M6) servomotor



### Motorbracket linear guide W/L/Z 80

22.89.10.0051	H80-60 (M5)	200/400W (M5) servomotor(*)
22.89.10.0052	H80-80 (M6)	750W (80-M6) servomotor
22.89.10.0053	H80-86 (M5)	Nema34 (M5) motor
22.89.10.0054	H80-90 (M6)	Size 90 (M6) servomotor
22.89.10.0055	H80-100 (M8)	Size 100 (M8) servomotor



### Various motormounts on S35, W45A or H35

22.89.10.0075	S35-57 (J)	Nema 23 (M5) motor on S35
22.89.10.0076	S35-40 (J)	100W (40-M3) servomotor on S35
22.89.10.0059	57-42 Nema 17	Nema 17 motor adapter in combination with: 22.89.10.0019/22.89.10.0049
22.89.10.0065	A45-57 (J)	Nema 23 (M5) motor on W45A
22.89.10.0064	A45-60 (J)	200/400W (60-M5) servomotor(*) on W45A
22.89.10.0066	H35-42 (J)	Nema 17 motor on H35
22.89.10.0067	H35-28 (J)	Nema 11 motor on H35



### Couplings on size 35/40/45/50/60: d1-d2 (D\*L)

22.89.10.0060	12-5 (34*40)	22.89.10.0003	12-14 (34*40)
22.89.10.0090	12-6.35 (34*40)	22.89.10.0096	12-16 (34*40)
22.89.10.0091	12-8 (34*40)	22.89.10.0097	12-19 (44*44)
22.89.10.0004	12-12 (34*40)	22.89.10.0098	12-20 (44*44)
22.89.10.0094	12-12.7 (34*40)	22.89.10.0099	12-22 (44*44)

### Couplings on size 80: d1-d2 (D\*L)

22.89.10.0100	20-12.7 (44*44)	22.89.10.0102	20-14 (44*44)
22.89.10.0101	20-19 (44*44)	22.89.10.0103	20-20 (44*44)



(\*) See next page, regarding planetary gearbox mount

# Auxiliary Parts CCM actuators

Article Numbers



**ATB Automation**

Mechanics | Motion Control

## Speed reducer set linear guide W/L 40/45

22.89.10.0044 4045-57|i=1:2.5 (8) Ratio 2,5:1 for Nema 23 (M5) motor  
22.89.10.0005 4045-60|i=1:2 (14) Ratio 2:1 for 200/400W (60) servomotor(\*)



## Speed reducer set linear guide W/L 50/60 and Z45/50/60

22.89.10.0045 5060-60|i=1:2 (8) Ratio 2,5:1 for Nema 23 (M5) motor  
22.89.10.0012 5060-60|i=1:2 (14) Ratio 2:1 for 200/400W servomotor(\*)  
22.89.10.0078 5060-86|i=1:2 (14) Ratio 2:1 for Nema 34 motor  
22.89.10.0042 5060-86|i=1:2 (12,7) Ratio 2:1 for Nema 34 motor



## Central Speed Reducer Set in combination with couplings and rods

22.89.10.0043 57|i=1:2.5 Ratio 2,5:1 for Nema 23 motor with:  
22.89.10.0014 60|i=1:2 Ratio 2:1 for 200/400W servomotor(\*) with:  
22.89.10.0013 86|i=1:3 Ratio 3:1 for Nema 86 (14) motor with  
22.89.10.0092 and 22.89.10.0015  
22.89.10.0092 and 22.89.10.0015  
22.89.10.0096 and 22.89.10.0020



## Rods linear guide W/L 40/45/50/60: Length = 1 meter (other lengths on request)

22.89.10.0015 D=12mm L= 1000 mm In combination with 22.89.10.0014  
22.89.10.0016 D=14mm L= 1000 mm In combination with 22.89.10.0003  
22.89.10.0020 D=16mm L= 1000 mm In combination with 22.89.10.0096

## Rods linear guide H/L80: Length = 1 meter (other lengths on request)

22.89.10.0021 D=19mm L= 1000 mm In combination with 22.89.10.0101  
22.89.10.0039 D=20mm L= 1000 mm In combination with 22.89.10.0103



## (\*) Planetary gearboxes

ATB Automation supplies Wanshsin planetary gearboxes, type WPF60, with the same shaft and frontflange as 200/400 (M5) servomotors. [www.wanshsin.eu](http://www.wanshsin.eu)

These gearboxes can be mounted on the CCM linear guide by using standard motorbrackets.



# Auxiliary Parts CCM actuators

Article Numbers



**ATB Automation**

Mechanics | Motion Control

## Rail mounts

22.89.10.0036	DJ35	35 profile
22.89.10.0017	DJ40B	40 profile
22.89.10.0011	DJ45A	45 profile
22.89.10.0034	DJ50A	50 profile
22.89.10.0035	DJ60A	60 profile
22.89.10.0037	YJ80+4C	80 profile



## L/LY-shape adapters: for mounting a profile on a slider

22.89.10.0079	LY2(Y)-4045	W40/45 slider > 40/45 profile
22.89.10.0107	LY3(Y)-5060 (nog niet leverbaar)	W50/60 slider > 50/60 profile
22.89.10.0022	L1 plate (J) -40	S35X/W40-03/H35-03/W45A-05-slider > 40/45 profile
22.89.10.0023	L2 plate (J) -45	S35D/W40-10/W45-15-slider > 40/45 profile
22.89.10.0040	L3 plate (J) -50	W50 slider > 50 profile
22.89.10.0041	L4 plate (J) -60	W60 slider > 60 profile
22.89.10.0038	L5 plate (J) -80	H80/L80 slider > 80 profile



## T-shape connector: for mounting a profile on a slider

22.89.10.0006	T1(J)-40	W40-03/W45A/H35-slider > 40 profile
22.89.10.0024	T2(Y)-45	W40-10/W45-15-slider > 35/40/45 profile
22.89.10.0063	T3(Y)-50	W50-slider > 35/40/45/50 profile
22.89.10.0009	T4(J)-60	W60 slider > 50/60 profile
22.89.10.0025	T5(J)-80	H80/L80 slider > 80 profile
22.89.10.0026	T5(J)-80/60	H80/L80 slider > 60 profile



## Cross plate: for mounting a profile on a slider

22.89.10.0068	BTD45-G3540	W40-10/W45-15 slider > 35/40 profile
22.89.10.0069	BTD50-G3540	W50 slider > 35/40 profile
22.89.10.0070	BTD60-G3540	W60 slider > 35/40 profile
22.89.10.0071	BTD60-G4550	W60 slider > 45/50 profile



# Auxiliary Parts CCM actuators

Article Numbers



**ATB Automation**

Mechanics | Motion Control

## Tripod adapters: for mounting a profile on a double slider

22.89.10.0116	W45-40 (J) 300MM	W45-15 or W40-10 with double slide > 40 profile (300 mm height)
22.89.10.0117	W45-45 (J) 300MM	W45-15 or W40-10 with double slide > 45 profile (300 mm height)
22.89.10.0118	W50-45 (J) 300MM	W50 with double slide > 45 profile (300 mm height)
22.89.10.0119	W50-45 (J) 500MM	W50 with double slide > 45 profile (500 mm height)
22.89.10.0120	W50-50 (J) 300MM	W50 with double slide > 50 profile (300 mm height)
22.89.10.0121	W60-50 (J) 300MM	W60 with double slide > 50 profile (300 mm height)
22.89.10.0122	W60-60 (J) 400MM	W60 with double slide > 60 profile (400 mm height)
22.89.10.0123	W60-60 (J) 600MM	W60 with double slide > 60 profile (600 mm height)



## Double slide connector: for mounting a profile on a double slider

22.89.10.0111	SY2(B)-45	W40-10 or W45-15 with double slide > 35/40/45 profile
22.89.10.0112	SY3(B)-50	W50 with double slide > 50 profile
22.89.10.0113	SY3(B)-50-4045	W50 with double slide > 40/45 profile
22.89.10.0114	SY4(B)-60-4045	W60 with double slide > 60 profile
22.89.10.0115	SY4(B)-60	W60 with double slide > 45/50 profile



## X-Double slide connector: for mounting double sliders on double sliders

22.89.10.0027	SS2(J)-45	W40-10 or W45-15 > W40-10 or W45-15
22.89.10.0028	SS3(J)-50	W50 > W50
22.89.10.0029	SS3(J)-50-45	W50 > W40-10 or W45-15
22.89.10.0030	SS4(J)-60	W60 > W60
22.89.10.0031	SS4(J)-60-50	W60 > W50
22.89.10.0032	SS4(J)-60-45	W60 > W40-10 or W45-15



## Magnetic Sensor, for all sizes. Including mounting material

22.89.10.0010	GX-H8-B-PNP	PNP Normally Closed
22.89.10.0001	GX-H8-A-NPN	NPN Normally Open
22.89.10.0061	GX-H8-B-NPN	NPN Normally Closed
22.89.10.0062	GX-H8-A-PNP	PNP Normally Open



## Optical Sensor. Including mounting material

22.89.10.0080	40 common-PM-Y44-NPN	22.89.10.0086	60 common-PM-Y44-NPN
22.89.10.0081	40 common-PM-Y44-PNP	22.89.10.0087	60 common-PM-Y44-PNP
22.89.10.0082	45 common-PM-Y44-NPN	22.89.10.0088	80 common-PM-Y44-NPN
22.89.10.0083	45 common-PM-Y44-PNP	22.89.10.0089	80 common-PM-Y44-PNP
22.89.10.0084	50 common-PM-Y44-NPN		
22.89.10.0085	50 common-PM-Y44-PNP		

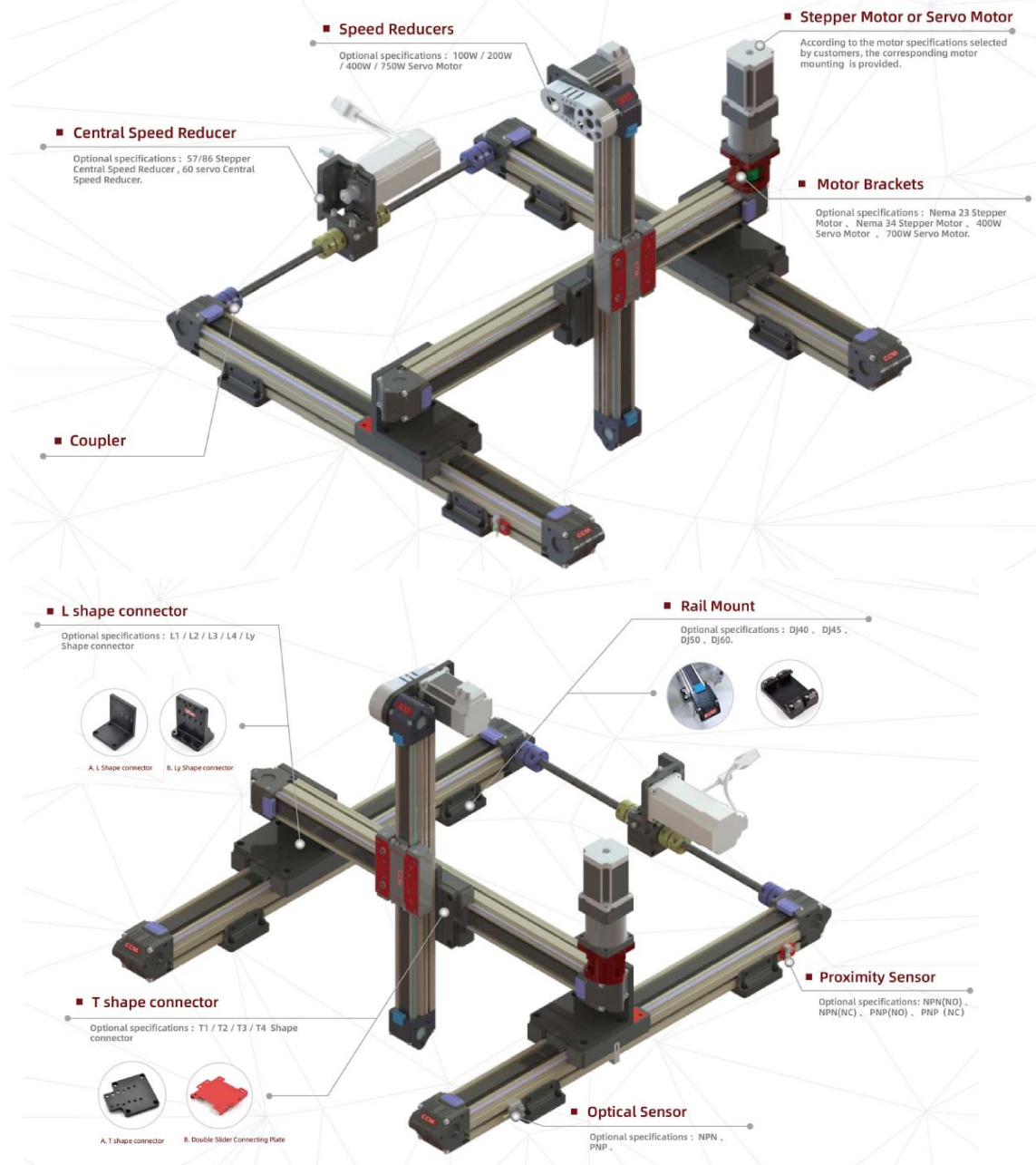
Easy designs and assembly for one axis, 2D or 3D systems:

Step 1: Pick a CCM linear guide from <https://atbautomation.eu/en/brands/ccm/>

Step 2: Make your own design by selecting the auxiliary parts from this document

Step 3: Send your request for drawings or quotation to [ccm@atbautomation.eu](mailto:ccm@atbautomation.eu)

## Introduction to Fittings Assembly



## Common Structures



**NO.1-01**  
Common Structures



**NO.1-02**  
Common Structures



**NO.1-03**  
Common Structures



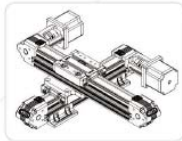
**NO.1-04**  
Common Structures



**NO.1-05**  
Common Structures



**NO.2-01**  
Common Structures



**NO.2-02**  
Common Structures



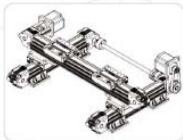
**NO.2-03**  
Common Structures



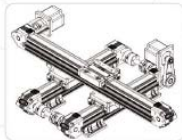
**NO.2-04**  
Common Structures



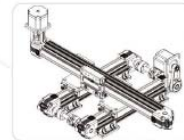
**NO.2-05**  
Common Structures



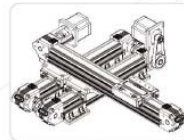
**NO.2-06**  
Common Structures



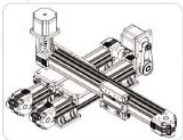
**NO.2-07**  
Common Structures



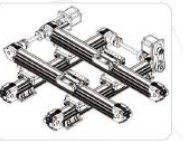
**NO.2-08**  
Common Structures



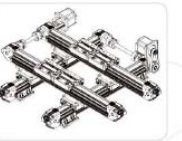
**NO.2-09**  
Common Structures



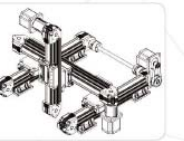
**NO.2-10**  
Common Structures



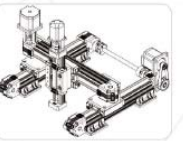
**NO.2-11**  
Common Structures



**NO.2-12**  
Common Structures



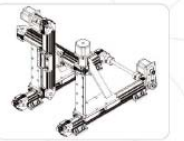
**NO.3-01**  
Common Structures



**NO.3-02**  
Common Structures



**NO.3-03**  
Common Structures



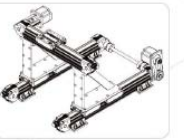
**NO.3-04**  
Common Structures



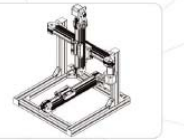
**NO.3-05**  
Common Structures



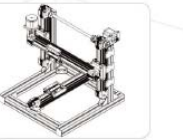
**NO.3-06**  
Common Structures



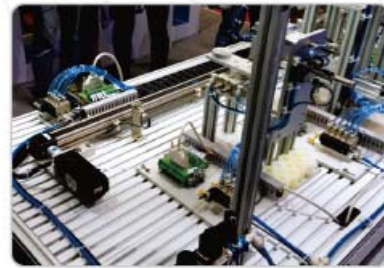
**NO.3-07**  
Common Structures



**NO.3-08**  
Common Structures



**NO.3-09**  
Common Structures



**industrial production** 

**Applicable Module Structure:**  
XYZ Linear Stage , XYZ Gantry Robot ...