

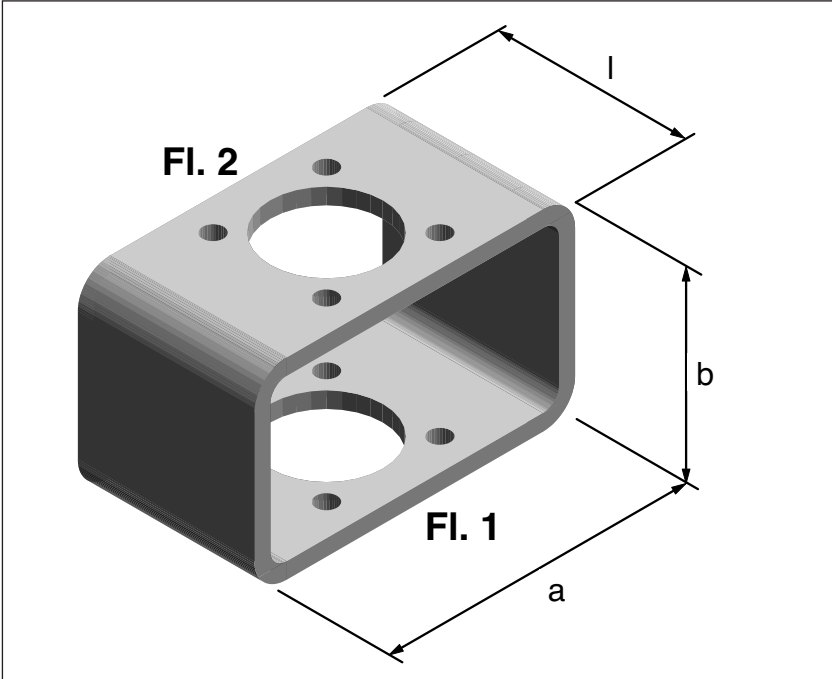
The bracket or support is used to connect the actuator to the valve. The bracket together with the coupling ensures an in-line and loss-free power transmission. ROTECH brackets have a standard flange according to DIN ISO 5211 for easy and quick connection of units from different manufacturers.

- ADVANTAGES**
- The corresponding position of the axis of both flanges ensures an in-line power transmission
 - the use of high quality materials ensures consistent plane surfaces. Additional mechanical finishes are available for special applications
 - economic manufacturing through production in large batches.



Brackets With Double-sided Equal Flanges

Material :
Steel, zinc-plated



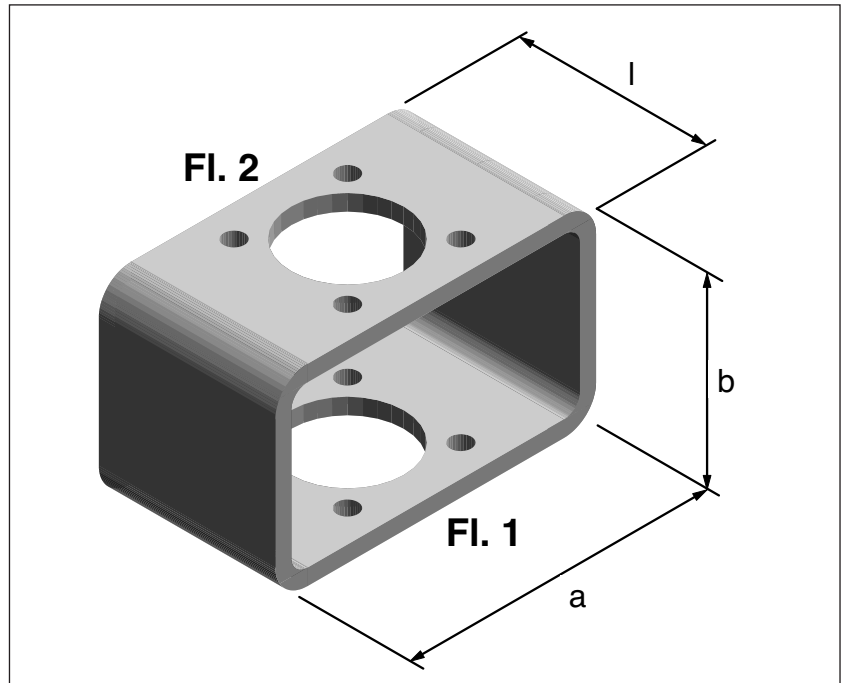
Fl.1	Fl.2	l	b*	Dim. a x b* x s	Faces
F 03	F 03	35	40	80 x 40 x 4	parallel
F 03	F 03	35	50	80 x 50 x 4	parallel
F 04	F 04	50	50	90 x 50 x 4	parallel
F 05	F 05	55	60	100 x 60 x 5	parallel
F 07	F 07	73	60	100 x 60 x 5	parallel
F 10	F 10	95	80	140 x 80 x 6	parallel
F 12	F 12	120	80	140 x 80 x 6	parallel
F 14	F 14	135	90	160 x 90 x 6	parallel
F 16	F 16	160	120	220 x 120 x 8	parallel
F 25	F 25	275	180	320 x 180 x 10	parallel
F 30	F 30	320	200	400 x 200 x 12	parallel

* With milled surface: - 0,5 mm

Brackets With Double-sided Equal Flanges

Material :
High grade steel

Material number :
1.4301

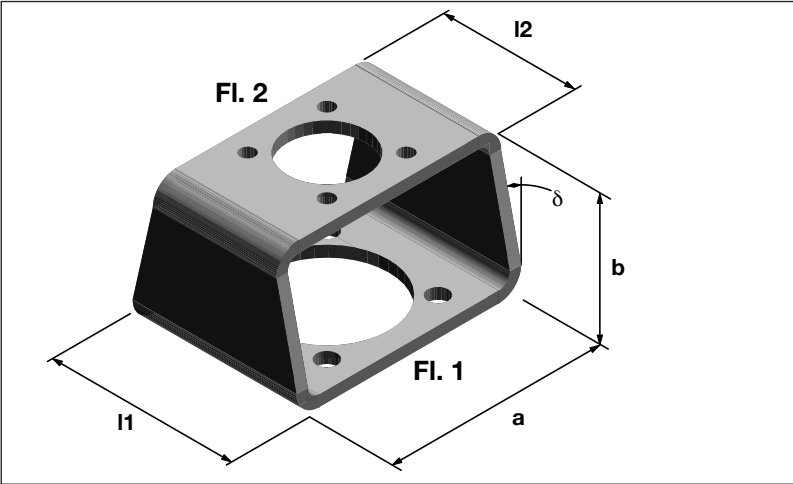


Fl.1	Fl.2	l	b*	Dim. a x b* x s	Faces
F 03	F 03	35	40	80 x 40 x 4	parallel
F 03	F 03	35	50	80 x 50 x 4	parallel
F 04	F 04	50	50	80 x 50 x 4	parallel
F 05	F 05	55	60	100 x 60 x 5	parallel
F 07	F 07	73	60	100 x 60 x 5	parallel
F 10	F 10	95	80	140 x 80 x 5	parallel
F 12	F 12	120	80	140 x 80 x 5	parallel
F 14	F 14	135	80	160 x 80 x 5	parallel
F 16	F 16	160	100	200 x 100 x 6	parallel

* With milled surface: - 0,5 mm

Brackets With Different Flanges

Material :
Steel, zinc-plated



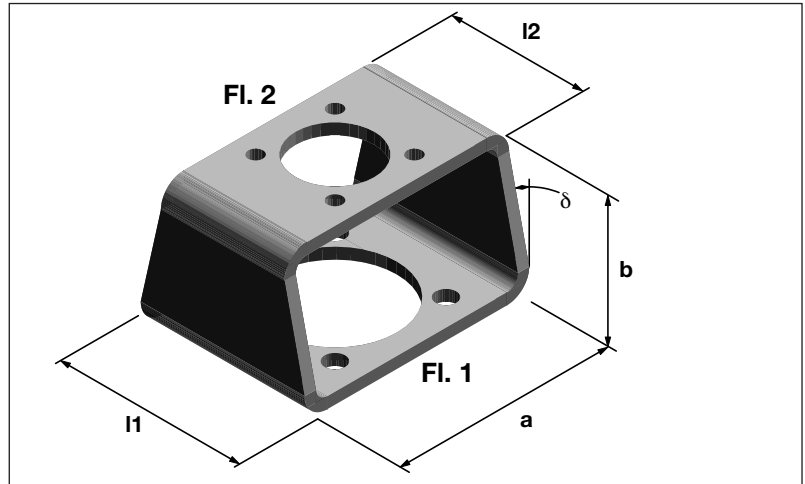
Fl.1	Fl.2	l1	l2	δ	b*	Dim. a x b* x s	Faces
F 04	F 03	50	35	8°30'	50	90 x 50 x 4	parallel
F 05	F 04	55	55	0°	60	100 x 60 x 5	parallel
F 05	F 03	55	35	9°30'	60	100 x 60 x 5	parallel
F 07	F 05	73	55	8°30'	60	100 x 60 x 5	parallel
F 07	F 04	73	50	10°50'	60	100 x 60 x 5	parallel
F 07	F 03	73	50	10°50'	60	100 x 60 x 5	parallel
F 10	F 07	95	73	8°	80	140 x 80 x 6	parallel
F 10	F 05	95	55	14°	80	140 x 80 x 6	parallel
F 10	F 04	95	55	14°	80	140 x 80 x 6	parallel
F 12	F 10	120	95	9°	80	140 x 80 x 6	parallel
F 12	F 07	120	80	14°	80	140 x 80 x 6	parallel
F 12	F 05	120	80	14°	80	140 x 80 x 6	parallel
F 14	F 12	135	135	0°	90	160 x 90 x 6	parallel
F 14	F 10	135	95	12°30'	90	160 x 90 x 6	parallel
F 14	F 07	135	95	12°30'	90	160 x 90 x 6	parallel
F 16	F 14	160	160	0°	120	220 x 120 x 8	parallel
F 16	F 12	160	120	9°30'	120	220 x 120 x 8	parallel
F 16	F 10	160	120	9°30'	120	220 x 120 x 8	parallel
F 25	F 16	275	180	15°	180	320 x 180 x 10	parallel
F 25	F 14	275	180	15°	180	320 x 180 x 10	parallel
F 25	F 12	275	180	15°	180	320 x 180 x 10	parallel
F 30	F 25	320	320	0°	200	400 x 200 x 12	parallel
F 30	F16	320	210	15°20'	200	400 x 200 x 12	parallel
F 30	F 14	320	210	15°20'	200	400 x 200 x 12	parallel

* With milled surface : - 0,5 mm

Brackets With Different Flanges

Material :
High grade steel

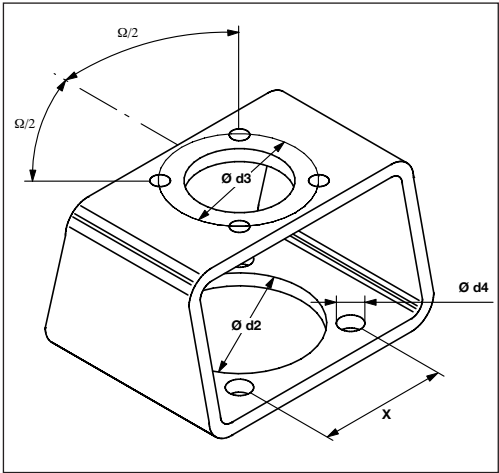
Material number:
1.4301



Fl.1	Fl.2	l1	l2	δ	b*	Dim. a x b* x s	Faces
F 04	F 03	50	35	8°30'	50	80 x 50 x 4	parallel
F 05	F 04	55	55	0°	60	80 x 60 x 4	parallel
F 05	F 03	55	35	9°30'	60	80 x 60 x 4	parallel
F 07	F 05	73	55	8°30'	60	100 x 60 x 5	parallel
F 07	F 04	73	50	10°50'	60	100 x 60 x 5	parallel
F 07	F 03	73	50	10°50'	60	100 x 60 x 5	parallel
F 10	F 07	95	73	8°	80	140 x 80 x 5	parallel
F 10	F 05	95	55	14°	80	140 x 80 x 5	parallel
F 10	F 04	95	55	14°	80	140 x 80 x 5	parallel
F 12	F 10	120	95	9°	80	140 x 80 x 5	parallel
F 12	F 07	120	80	14°	80	140 x 80 x 5	parallel
F 12	F 05	120	80	14°	80	140 x 80 x 5	parallel
F 14	F 12	135	135	0°	80	160 x 80 x 5	parallel
F 14	F 10	135	95	14°	80	160 x 80 x 5	parallel
F 14	F 07	135	95	14°	80	160 x 80 x 5	parallel
F 16	F 14	160	160	0°	100	200 x 100 x 6	parallel
F 16	F 12	160	120	11°20'	100	200 x 100 x 6	parallel
F 16	F 10	160	120	11°20'	100	200 x 100 x 6	parallel

* With milled surface : - 0,5 mm

Flange Data According To DIN ISO 5211 :



F03 - F30

Flange	Ø d2 ^{H10}	Ø d3	x	Ø d4	Ω / 2
F 03	25	36	25,5	5,5	45°
F 04	30	42	29,7	5,5	45°
F 05	35	50	35,4	6,5	45°
F 07	55	70	49,5	9	45°
F 10	70	102	72,1	11	45°
F 12	85	125	88,4	13,5	45°
F 14	100	140	99	17,5	45°
F 16	130	165	116,7	22	45°
F 25	200	254	179,6	17,5	22,5°
F 30	230	298	210,7	22	22,5°

Ordering information

Brackets

F03

F03

C

40

B

Flange surfaces finished

Bracket height (if not standard)

Material: C = Steel, zinc-plated
E = Stainless steel

Flange 2 : F03 - F30

Flange 1 : F03 - F30

ET-Brackets

ROTECH ET-brackets provide alternative possibilities for mounting signal devices (e.g. switch boxes) to actuators and valves.

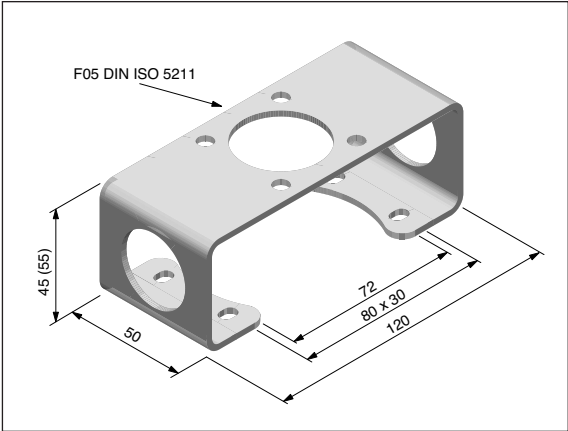
The bracket program is especially designed to fit actuators with connections according to VDI/VDE 3845. It includes brackets to mount standard limit-switch boxes, brackets with handlelever lock-off facility and brackets to fix limit-switch units directly onto manually operated valve..

ADVANTAGES

- Solid stainless steel construction,
- four sizes of the standard ET-bracket for easy adjustment of the actuator axis,
- slim design and very easy mounting of the TCR-bracket.

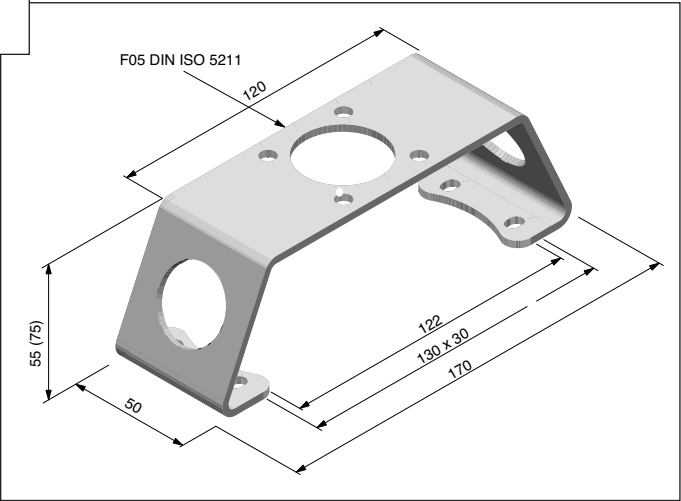


The standard ET-bracket available in four sizes allows an easy adjustment to the actuator axis:



Standard ET-bracket
size 1 (size 2)

Bracket for mounting limit-switch units
on actuators of size 1 (size 2)
according to VDI/VDE 3845



Standard ET-bracket size 3 (size 4)

Bracket for mounting limit-switch
units on actuators of size 3 (size 4)
according to VDI/VDE 3845

Ordering information

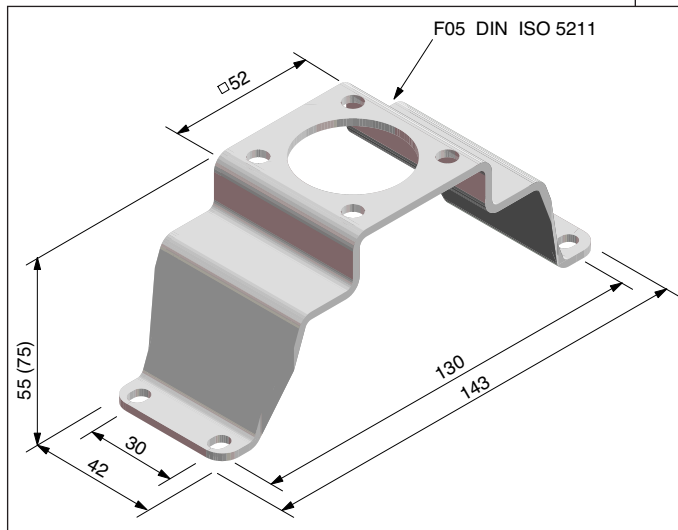
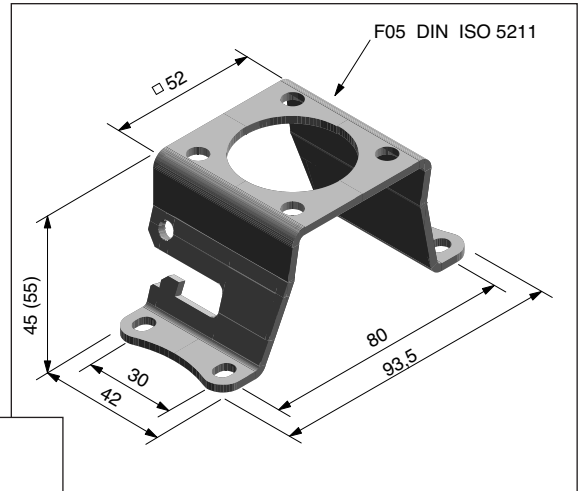
Standard – ET-Brackets

ET	1	A1		
			A1 = Mounting set bracket size 1 (4 x M5x8 DIN 933 incl. Spring ring DIN 127)	
			Size:	Dim. of Drills Pinion height
			1 = Size 1:	80 x 30 20mm
			2 = Size 2:	80 x 30 30mm
			3 = Size 3:	130 x 30 30mm
			4 = Size 4:	130 x 30 50mm
ET = Standard ET-Bracket				

The slim TCR-series can be easily and quickly mounted minimizing installation costs.

TCR-bracket TK1 (TK2)

Bracket with handle lever lock-off for actuators of size 1 (size 2) according to VDI/VDE 3845



TCR-bracket TL3 (TL4)

Bracket for actuators of size 3 (size 4) according to VDI/VDE 3845

Ordering information

Standard – TCR-Brackets

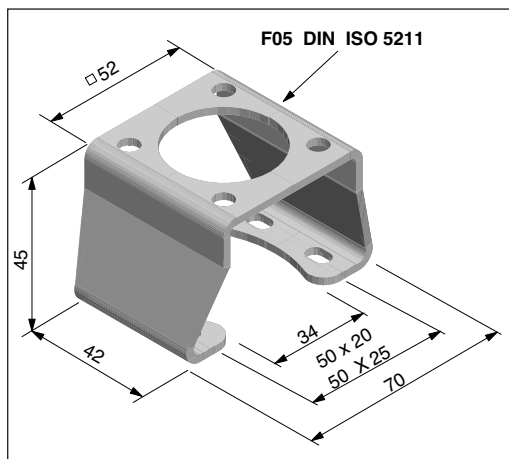
T K 1 A1

A1 = Mounting set for bracket size 1
(4 x M5x8 DIN 933 incl. spring ring DIN 127)

Size:	Dim. of drills	Pinion height
1 = Size 1:	80 x 30	20mm
2 = Size 2:	80 x 30	30mm
3 = Size 3:	130 x 30	30mm
4 = Size 4:	130 x 30	50mm

K = small shape for size 1 and 2
K = large shape for size 3 and 4

T = Standard TCR-Bracket



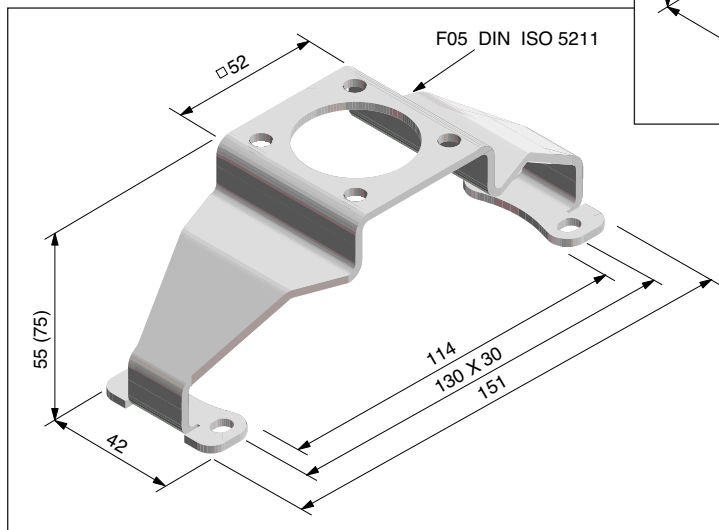
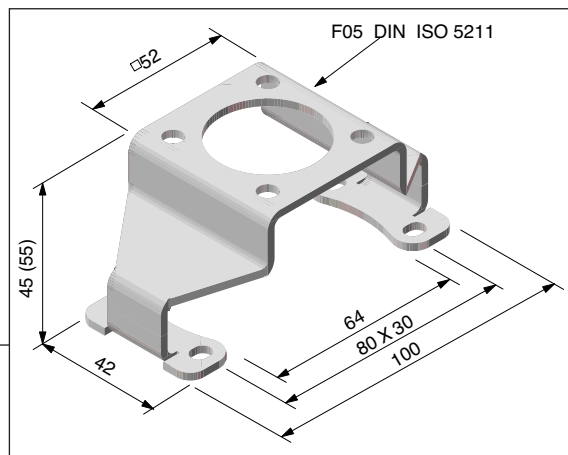
TCR-bracket T0

Very compact bracket,
especially for small actuators.

The brackets T1..T4 maximise mounting space for couplings or additional position indicators through their extremely wide shape.

TCR-bracket T1 (T2)

Bracket for actuators of
size 1 (size 2)
according to VDI/VDE 3845



TCR-bracket T3 (T4)

Bracket for actuators of
size 3 (size 4)
according to VDI/VDE 3845

Ordering information

TCR-brackets

T

1

A1

A1 = Mounting set for bracket size 1
(4 x M5x8 DIN 933 incl. spring ring DIN 127)

Size:

Dim. of drills

Pinion height

0 = Size 0:

50 x 20/25

20 mm

1 = Size 1:

80 x 30

20mm

2 = Size 2:

80 x 30

30mm

3 = Size 3:

130 x 30

30mm

4 = Size 4:

130 x 30

50mm

T = TCR-Bracket