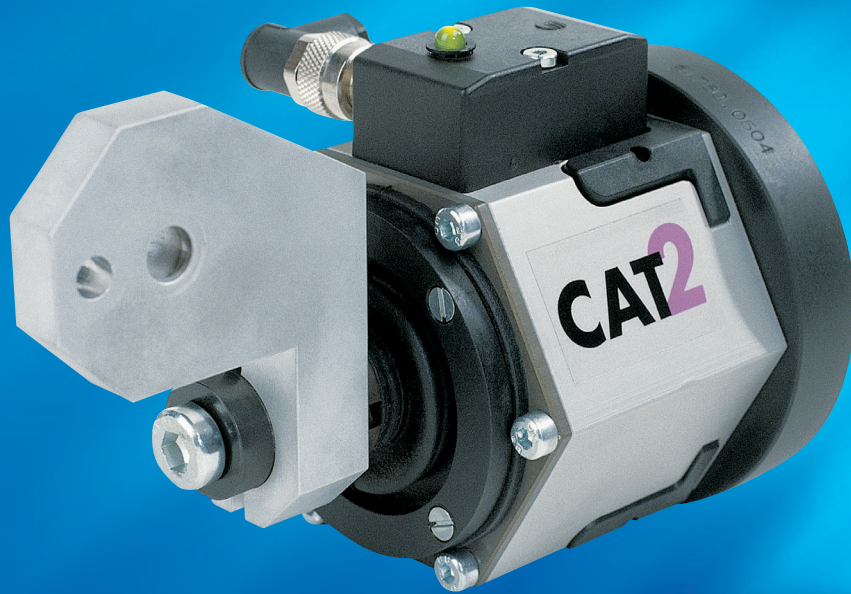


Robot Mount ATS CAT2



To stop collisions quickly.

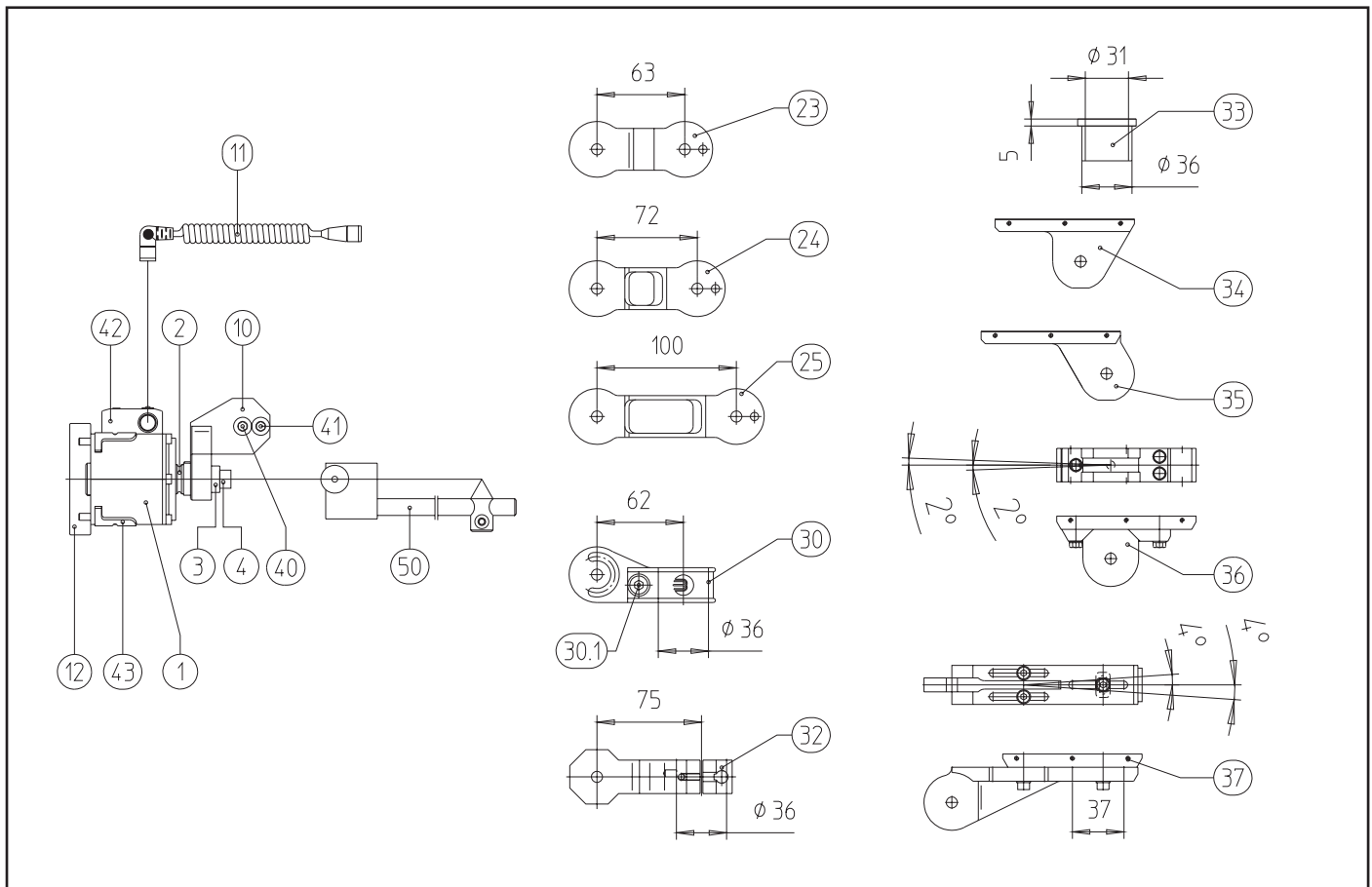
Faster robots, increasing dynamics, thinner metal with complex outlines can lead to a collision for the torch and workpiece. **ATS CAT2**, the new robot mount offers protection against collisions with a higher sensitivity and improved repeatability.

- Variable deflection in every position
- Instantaneous stop in case of collision
- Precise repeatability minimizes down time
- Optimum switching for higher safety
- Perfect for ultrahigh accuracy, light gauge sheet metal operations
- Covered screws for quick service
- External LED provides a quick visual indication of operational status

To protect the tool and the workpiece!

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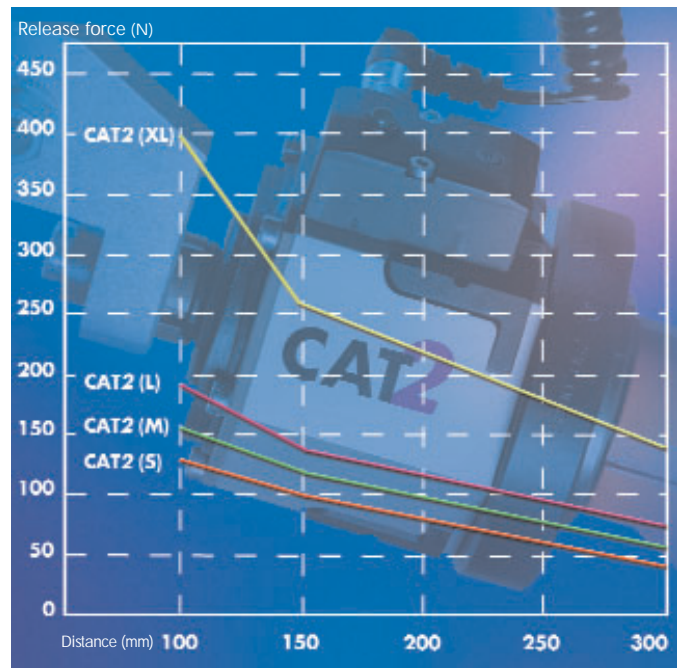
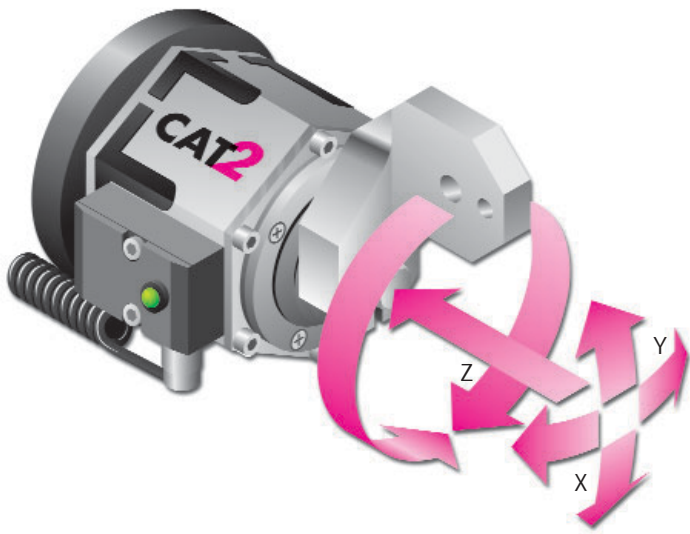


Buildgroup	Pos.	Description	Specifications	Order-no.
ATS-CAT2 Torch mount cpl.		ATS-CAT2 (S) cpl.		780.2131
		ATS-CAT2 (M) cpl., standard		780.2100
		ATS-CAT2 (L) cpl.		780.2121
		ATS-CAT2 (XL) cpl.		780.2132
ATS-CAT2 Torch mount	1	ATS-CAT2 (S)		780.2031
		ATS-CAT2 (M)		780.2001
		ATS-CAT2 (L)		780.2021
		ATS-CAT2 (XL)		780.2032
ATS-CAT flange (depends on robot type)	2	ATS-CAT cover dust		780.0011
	3	Bushing		780.0015
		Conical clamp seat		780.0016
	4	Socket head screw M8x16		069.0005
	10	Base holder		780.0202
	11	E-stop cable		780.0201
	12	ABB IRB 1400/1500/2000		780.0504
		CLOOS ROMAT 76/310		780.0510
		COMAU Smart R10		780.0508
		COMAU Smart R20		780.0507
		FANUC Arc Mate 100-i/120-i		780.0504
	KAWASAKI JS6/JS10		780.0504	
	KOMATSU		780.0505	
	FANUC S500/Arc Mate SR		780.0506	
	KUKA KR 200/2		780.0547	
	KUKA KR 6		780.0503	
	MOTOMAN UP-6/UP-20		780.0504	

Subject to change without notice. Guarantee for Genuine Binzel Spares only.

Buildgroup	Pos.	Description	Specifications	Order-no.
ATS-CAT flange (depends on robot type)	12	OTC DR-500/DR-4000/DR-4300		780.0504
		PANASONIC VR 006/VR 008		780.0516
		REIS RV6		780.0503
		REIS RV12		780.0514
		Universal ATS-CAT flange (without drillings)		780.0517
		Information: Flange also available insulated, made of synthetic material		780.06xx
Extensions and holder	23	Extension arm without adjustment slot 63.0 mm		836.0036
	24	Extension arm without adjustment slot 72.0 mm		836.0037
	25	Extension arm without adjustment slot 100.0 mm		836.0038
	w/o fig.	Extension arm with adjustment slot 63.0 mm		836.0011
	w/o fig.	Extension arm with adjustment slot 72.0 mm		836.0022
	w/o fig.	Extension arm with adjustment slot 100.0 mm		836.0023
	30	Torch clamp with adjustment slot		836.0005
	30.1	Socket head screw M8x20	10 pcs.	009.0084
		Washer dia. Ø 8.4 mm	10 pcs.	001.0150
	w/o fig.	Torch clamp without adjustment slot		836.0006
	32	Torch clamp MT 36		780.0203
	33	Insulating bush for pos. 30, 32 (Ø = 31 mm)		835.0013
	w/o fig.	Insulating bush for pos. 30, 32 (Ø = 32 mm)		780.0241
	w/o fig.	Torch holder MT 32		780.0223
	w/o fig.	Torch holder MT 25		780.0222
	34	Bracket standard		960.0026
	35	Bracket special		960.0025
	36	Bracket adjustable cpl.		836.0332
	37	Bracket adjustable special cpl.		836.0316
	40	Precision bolt M8 - Shaft Ø 8.0 mm g6		836.0028
		Nut M8	10 pcs.	009.0175
		Washer Ø 8,0 mm	10 pcs.	004.0134
	41	Precision bolt M6 - Shaft Ø 6.0 mm g6		836.0039
		Nut M6	10 pcs.	009.0174
		Washer Ø 6.4 mm	10 pcs.	001.0148
	w/o fig.	Screw set CAT2, cpl. consisting of: Pos. 40 and Pos. 41		780.0029
	42	ATS-CAT2 safety switch kit, cpl.		780.2019
	43	Accessorie-set, consisting of: Screw cover, 4 pieces Screw M4x10, 4 pieces		780.2016
	50	Alignment jig		780.0204
	w/o fig.	ATS-CAT-2 spring S		780.2024
w/o fig.	ATS-CAT-2 spring M		780.2014	
w/o fig.	ATS-CAT-2 spring L		780.2015	
w/o fig.	ATS-CAT-2 spring XL		780.2028	
w/o fig.	ATS-CAT-2 tool spring change		780.2022	
Ordering information	Requirements of the initial order:			
	1x ATS-CAT Torch Mount cpl., incl. base holder (pos.10), E-stop cable (pos.11) and precision screws (pos.40,41)			
	1x ATS-CAT Flange (Extension arms, holder and extra precision bolts have to be specified and ordered individually).			

Buildgroup	Pos.	Description	Specifications	Order-no.
Tools		For expert pinning/fixing/fastening of the holder and extension arms:		
		w/o fig. Hand reamer 6 ^{H7}		WKZ.2254
		w/o fig. Spiral drill Ø 5.8		WKZ.0152
		w/o fig. Cap range holder, size 1		WKZ.3414
Technical data	Dimensions:	Corner width 75 mm; Across flats 65 mm; height 87 mm (robot flange > release flange)		
	Weight:	approx. 630 g approx. 850 g (incl. tool holder and flange)		
	Max. excursion:	in X- and Y-plane against each spring 10 - 14°; in Z-plane against each spring 4 - 8 mm		
	Instantaneous stop release:	Through Z-axis 0.5° - 1°; Deviation through X- and Y-direction approx. 1.5°; Deviation through Z-direction approx. 0.5 - 1 mm		
	Repeatability:	< +/- 0.04 mm (at 300 mm stand-off from robot flange)		
	Safety switch:	24 V DC, max. 100 mA		



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Alexander Binzel Schweißtechnik GmbH & Co. KG
P.O. Box 10 01 53 · D-35331 Gießen
Tel.: ++49 (0) 64 08 / 59-0
Fax: ++49 (0) 64 08 / 59-141
Internet: www.binzel-abicor.com

