



Made in FP

New

Air Nipper Actuators
Pneumatische Antriebe für Schneidzangen
Attuatore Pneumatico
Pinces Pneumatiques Rondes
Alicates de Corte Neumático

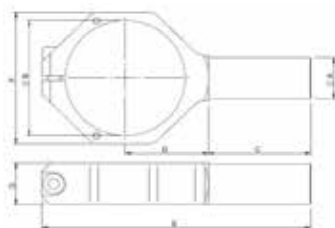
	D	Closing Force	
CA.ATE.05M	Ø 30	11 Nm	97 g
CA.ATE.10M	Ø 36	38 Nm	147 g
CA.ATE.20M	Ø 45	67 Nm	255 g
CA.ATE.30AM	Ø 56	150 Nm	452 g
CA.ATE.50AM	Ø 75	116 Nm	911 g



MR

Air Nipper Actuators
Pneumatische Antriebe für Schneidzangen
Attuatore Pneumatico
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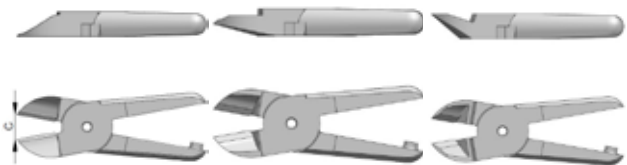
	D	Closing Force	
CA.MR.05M	Ø 30	11 Nm	100 g
CA.MR.10M	Ø 36	38 Nm	160 g
CA.MR.20M	Ø 45	67 Nm	270 g
CA.MR.30AM	Ø 56	150 Nm	470 g
CA.MR.50AM	Ø 75	116 Nm	1040 g



Mounting Bracket MR
Klemstück MR
Staffa per attuatore MR
Brides en aluminium MR
Soporte para alicates de corte MR (para elementos de apriete)

	A	B	C	D	E	F	G	M*	
CA.STF.30	20	30	48	25	101.5	38	20	MR.05 / ATE.05	91 g
CA.STF.36		36		28	107.5	43		MR.10 / ATE.10	95 g
CA.STF.45		45		33	116	52		MR.20 / ATE.20	102 g
CA.STF.56		56		38	127.5	54		MR.30 / ATE.30	117 g
CA.STF.75	30	75	50	47	146	83	30	MR.50 / ATE.50	275 g

CA.04.10... will be replaced by CA.STF...



Inline

Standard - Plastic cutting

Deep angle

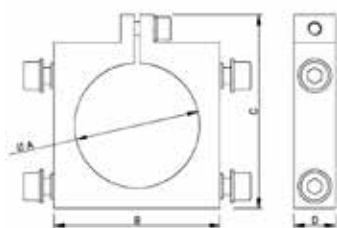
Blades
Schneideinsätze
Lama
Outils
Cuchilla

	M*	Style	C	
VES.N5AP	CA.ATE.05	Standard	4	40 g
VES.N10LAP	CA.ATE.10	Deep angle	5	120 g
VES.N10LPF		Standard	11	125 g
VES.N20AP	CA.ATE.20	Inline	16	230 g
VES.N20AJ		Deep angle	11	130 g
VES.N20AJL		Standard	16	380 g
VES.N20PF	CA.ATE.30	Inline	11	370 g
VES.N30AP	CA.ATE.50	Deep angle	19	470 g
VES.N30AJ		Standard	15	390 g
VES.N30AJL		Deep angle	15	390 g
VES.N30PF		Standard	15	390 g

Complete line of Vessel's blade is
online in www.fps-automation.com

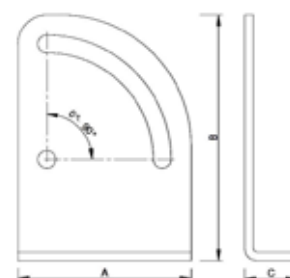
Blades
Schneideinsätze
Lama
Outils
Cuchilla

	M*	Style	C	
CA.F1S	CA.MR.05M	Inline	2.5	33 g
CA.F1		Platic cutting	3	34 g
CA.S2		Standard	2.5	35 g
CA.FD1		Deep angle	2.5	35 g
CA.F3LS	CA.MR.10M	Long Inline	8	117 g
CA.F3		Platic cutting	5	115 g
CA.S4		Standard	5	112 g
CA.FD3		deep angle	5	121 g
CA.F5S	CA.MR.20M	Inline	9	120 g
CA.F5		Platic cutting	10	124 g
CA.S5		Standard	10	124 g
CA.FD5		Deep angle	10	124 g
CA.F5LS	CA.MR.30AM	Long inline	15	220 g
CA.F9PS		Inline	16	365 g
CA.F9P		Platic cutting	16	380 g
CA.S7P		Standard	8	380 g
CA.FD9P		Deep angle	15	388 g
CA.S120	CA.MR.50AM	Standard	10	380 g



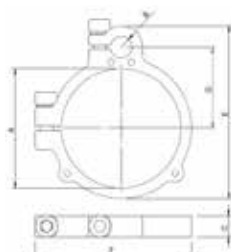
Swivel Bracket MR
Schwenkbock MR
Morsetto per attuatore MR
Brides pour support MR
Soporte para alicates MR

	A	B	C	D	M*	
CA.04.10.30.1	30	45	55	15	MR.05 / ATE.05	87 g
CA.04.10.36.1	36	50	62		MR.10 / ATE.10	97 g
CA.04.10.45.1	45	60	70		MR.20 / ATE.20	115 g
CA.04.10.56.1	56	70	85		MR.30 / ATE.30	136 g
CA.04.10.75.1	75	90	105		MR.50 / ATE.50	188 g



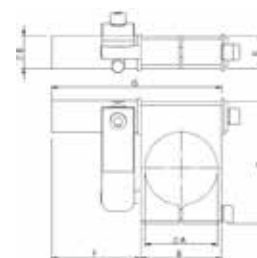
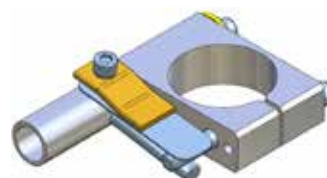
Support for swivel bracket MR
Lägerung für Schwenkbock MR
Soporte para alicates MR
Supporto per morsetto MR
Support pour clamp

	A	B	C	M*	
CA.04.10.30.2	50	75	18	MR.05 / ATE.05	84 g
CA.04.10.36.2	55	80		MR.10 / ATE.10	100 g
CA.04.10.45.2	60	85		MR.20 / ATE.20	116 g
CA.04.10.56.2	65	90		MR.30 / ATE.30	134 g
CA.04.10.75.2	85	122	28	MR.50 / ATE.50	246 g



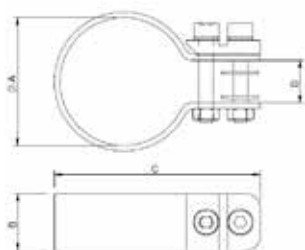
Swivel Bracket MR
Schwenkbock MR
Morsetto per attuatore MR
Support pivotant MR
Soporte para alicates MR

	A	B	C	D	E	F	M*	
CA.SAT.3610	36	10	10	28	62.8	53	MR.10 / ATE.10	27 g
CA.SAT.4510	45			32.5	70	62	MR.20 / ATE.20	30 g
CA.SAT.5610				38	81			43 g
CA.SAT.5614	56	14		40	85	73	MR.30 / ATE.30	37 g
CA.SAT.5620		20		43	91			57 g
CA.SAT.7510		10	75	47.5	100	92.5	MR.50 / ATE.50	43 g
CA.SAT.7514		14		49.5	104			45 g
CA.SAT.7520		20		52.5	110			49 g



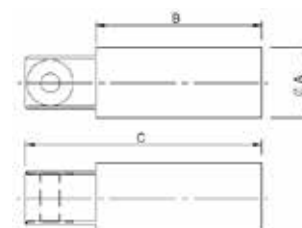
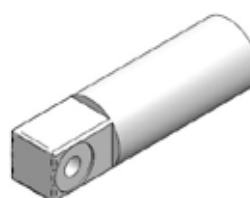
Spring loaded clamp
Gefederte Halterung
Staffa ammortizzata
Bride amortie
Brida amortizada

	A	B	C	D	E	F	G	M*	
CA.STA.45	45	50	75	20	20	53	105	MR.20 / ATE.20	275 g
CA.STA.56	56	60	86			63	125	MR.30 / ATE.30	322 g
CA.STA.75	75	85	106			59	146	MR.50 / ATE.50	443 g



Mounting Brackets MR
Klemmstück MR
Staffa per attuatore MR
Support de montage MR
Soporte para alicates de corte MR

	A	B	C	D	M*	
CA.04.10.004	56	20	83.5	15	MR.30 / ATE.30	98 g
CA.04.10.005	45		72.5		MR.20 / ATE.20	87 g
CA.04.10.006	36		62		MR.10 / ATE.10	78 g
CA.04.10.007	30		55.5		MR.05 / ATE.05	72 g



Hinge with stud
Gelenkhalter
Support orientable
Soporte para cortador con articulación
Giunto snodato per attuatori

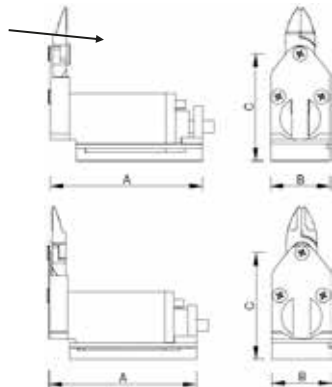
	A	B	C	
CA.04.12.001	20	47.5	67.5	56 g
CA.04.12.002	30			82 g

SN



PUSH = SNP

PULL = SN

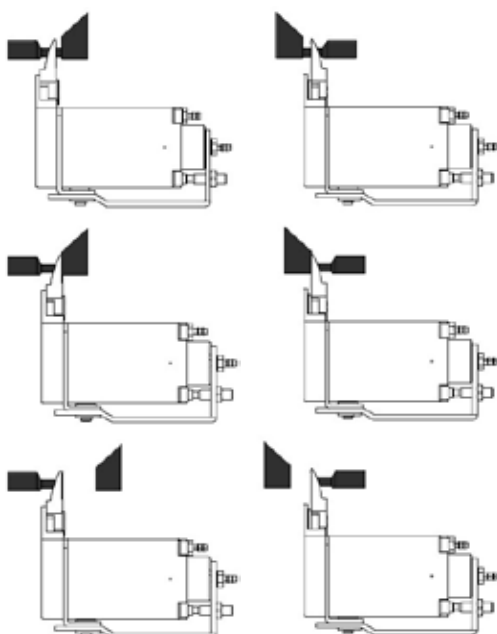


		A	B	C	Cutting capacity	
CA.SN3	PULL	59	28	79.6	2 ø mm	170 g
CA.SNP3	PUSH			74.6		
CA.SN5	PULL	63	28	83.6	3 ø mm	220 g
CA.SNP5	PUSH			78.6		
CA.SN10	PULL	70	33	91.6	4 ø mm	300 g
CA.SNP10	PUSH			86.6		
CA.SN20	PULL	82	42	110	5 ø mm	595 g
CA.SNP20	PUSH			105		

Slide Air Nippers Horizontal
Pneumatische Antriebe für Schneideinsätze
Base mobile orizzontale scorrimento arretrato
Pince coupe-carotte pneumatique
Alicates de corte estacionario con recorrido de cierre

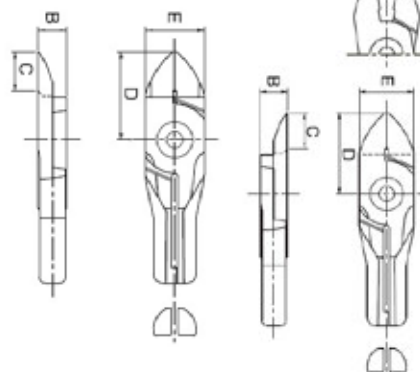
PULL TYPE

PUSH TYPE



FNP
Push

FN
Pull



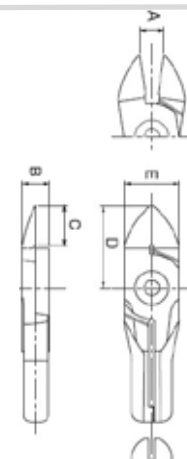
Blades FN
Schneideinsätze FN
Lame FN
Outils FN
Cuchillas FN

	M*	A	B	C	D	E	
CA.FN10	CA.SN3	3.5	7	11	24	14	25 g
CA.FN1	CA.SN5	5.5	7			16	30 g
CA.FN3	CA.SN10	7	9		27	19	60 g
CA.FN5	CA.SN20	8.5	12	16	35	22	100 g

	M*	A	B	C	D	E	
CA.FNP10	CA.SNP3	3.5	7	11	24	14	30 g
CA.FNP1	CA.SNP5	5.5	7			16	35 g
CA.FNP3	CA.SNP10	7	9		27	19	60 g
CA.FNP5	CA.SNP20	8.5	12	16	35	22	110 g

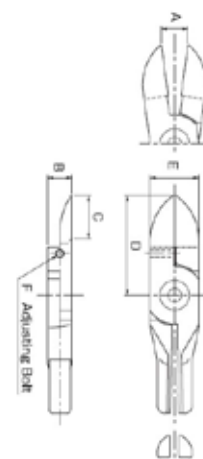
FN - K
Pull

	M*	A	B	C	D	E	
CA.FN10K	CA.SN3	3.5	7	11	24	14	30 g
CA.FN1K	CA.SN5	5.5				16	
CA.FN3K	CA.SN10	7.5	9		27	19	60 g
CA.FN5K	CA.SN20	8.5	12	16	35	22	110 g



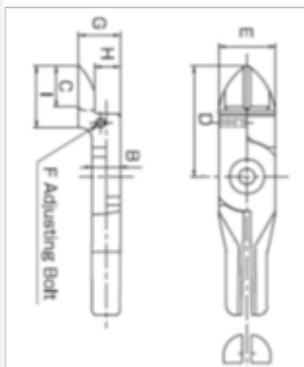
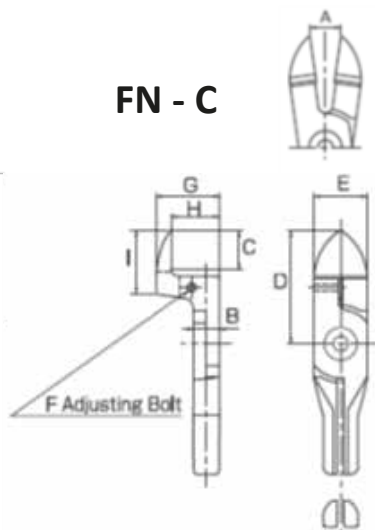
FN - L
Pull

	M*	A	B	C	D	E	F	
CA.FN10L	CA.SN3	5.5	7	16	33	14	M3	35 g
CA.FN1L	CA.SN5	8				16		40 g
CA.FN3L	CA.SN10	9.5	9		37	18		65 g
CA.FN5L	CA.SN20	10	12	21	45	22		115 g



Blades FN
Schneideinsätze FN
Lame FN
Outils FN
Cuchillas FN

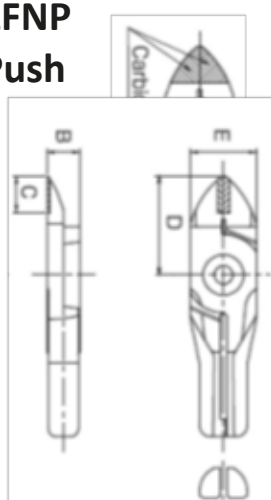
FNP - C
Push

**FN - C**

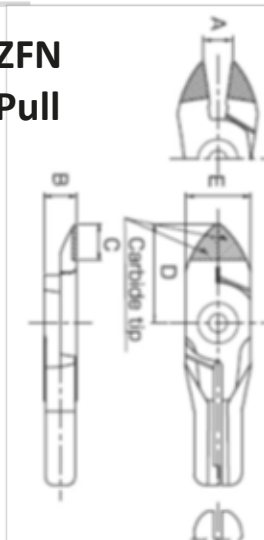
	M*	A	B	C	D	E	F	G	H	I	
CA.FN10C	CA.SN3	5.2	7	11	35	14	M3	18	14	19	50 g
CA.FN1C	CA.SN5	9			13	38		16	20	15	
CA.FN3C	CA.SN10	10	9			18		21.5	16.5	21	70 g
CA.FN5C	CA.SN20		12	19	46	22		24	19	30	155 g

	M*	A	B	C	D	E	F	G	H	I	
CA.FNP10C	CA.SNP3	5.2	7	11	35	14	M3	12	8	20	50 g
CA.FNP1C	CA.SNP5	8.6		14	37	16		12.2	7.2	22	60 g
CA.FNP3C	CA.SNP10	9.8		9	13	35		13.2	8.2	20	70 g
CA.FNP5C	CA.SNP20	10		12	18	42		16	11	27	155 g

ZFNP Push



ZFN Pull



	M*	A	B	C	D	E	
CA.ZFN10	CA.SN3	3.5	7	11	24	14	30 g
CA.ZFN1	CA.SN5	5.5				16	35 g
CA.ZFN3	CA.SN10	7	9	10	27	19	60 g
CA.ZFN5	CA.SN20	8.5	12	16	35	22	110 g

	M*	A	B	C	D	E	
CA.ZFNP10	CA.SNP3	3.5	7	11	24	14	30 g
CA.ZFNP1	CA.SNP5	5.5				16	35 g
CA.ZFNP3	CA.SNP10	7	9	10	27	19	60 g
CA.ZFNP5	CA.SNP20	8.5	12	16	35	22	110 g

Notes

[illegible]