



CUMSA

INNOVATIVE SOLUTIONS
FOR YOUR MOLDS

EXTERNAL DOUBLE EJECTION SYSTEMS



EJECTION: EX - EY - EZ - EW

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The new **CUMSA double ejection systems** were designed to control the sequence of double ejections or plate openings. Each type controls the travel determined by the customer, to stop at the selected plates in a locked position while the other plates continue to move.

The new products are adaptable to a variety of medium and large molds sizes and have in common the **following advantages**:

- Completely external set up and simple maintenance
- 4 different rod diameters 14, 20, 32 and 50mm.
- Very easy installation
- Robust and reliable units.
- Extension Rods (**EW**) available to use these systems in taller molds.

The 3 types have its own features as well:

EX: EXTERNAL SUPERIOR PLATE SEPARATOR

This model is available in 4 sizes, and was designed to be used in two different situations:

- A **pre-opening** plate movement of the mold.
- A **double ejection system**, controlling 2 sets of ejector plates when the machine actuates the upper ejector plates set.

The first opening is customizable up to 250mm for the 2 smaller EX sizes, and up to 375mm, in the 2 larger EX sizes.

The second opening is completely free, as the system will keep the lower set locked until the upper plate returns to its original position.

EY: EXTERNAL DOUBLE EJECTION

This model is available in 4 sizes, and was designed for molds where the upper set of ejector plates are separated, and the **machine actuates the lower set** of ejector plates.

The upper set stops at the core plate, and the rear plate continues to travel until it reaches the upper plate.

The EY can customize the first opening from 30 to 80mm.

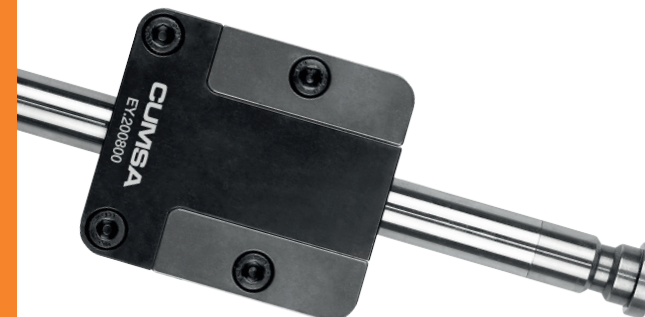
EZ: EXTERNAL SYNCHRONIZED PLATES

This model is available in 4 different sizes, and was designed to allow **synchronized mold plates openings**, regardless of their location.

Once the first stroke is defined, the selected plates will open at the same time and then the rest of the mold will open freely.

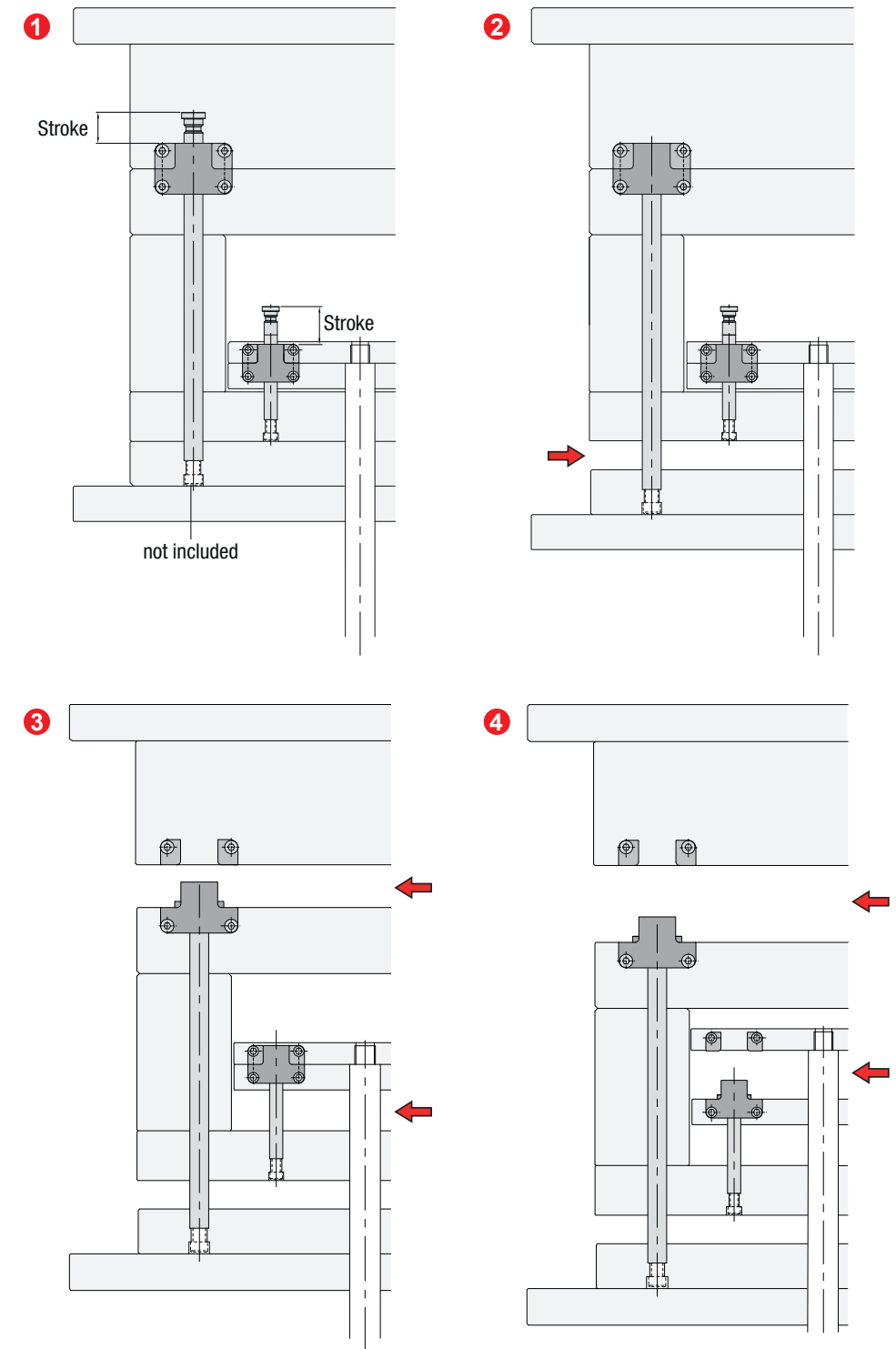
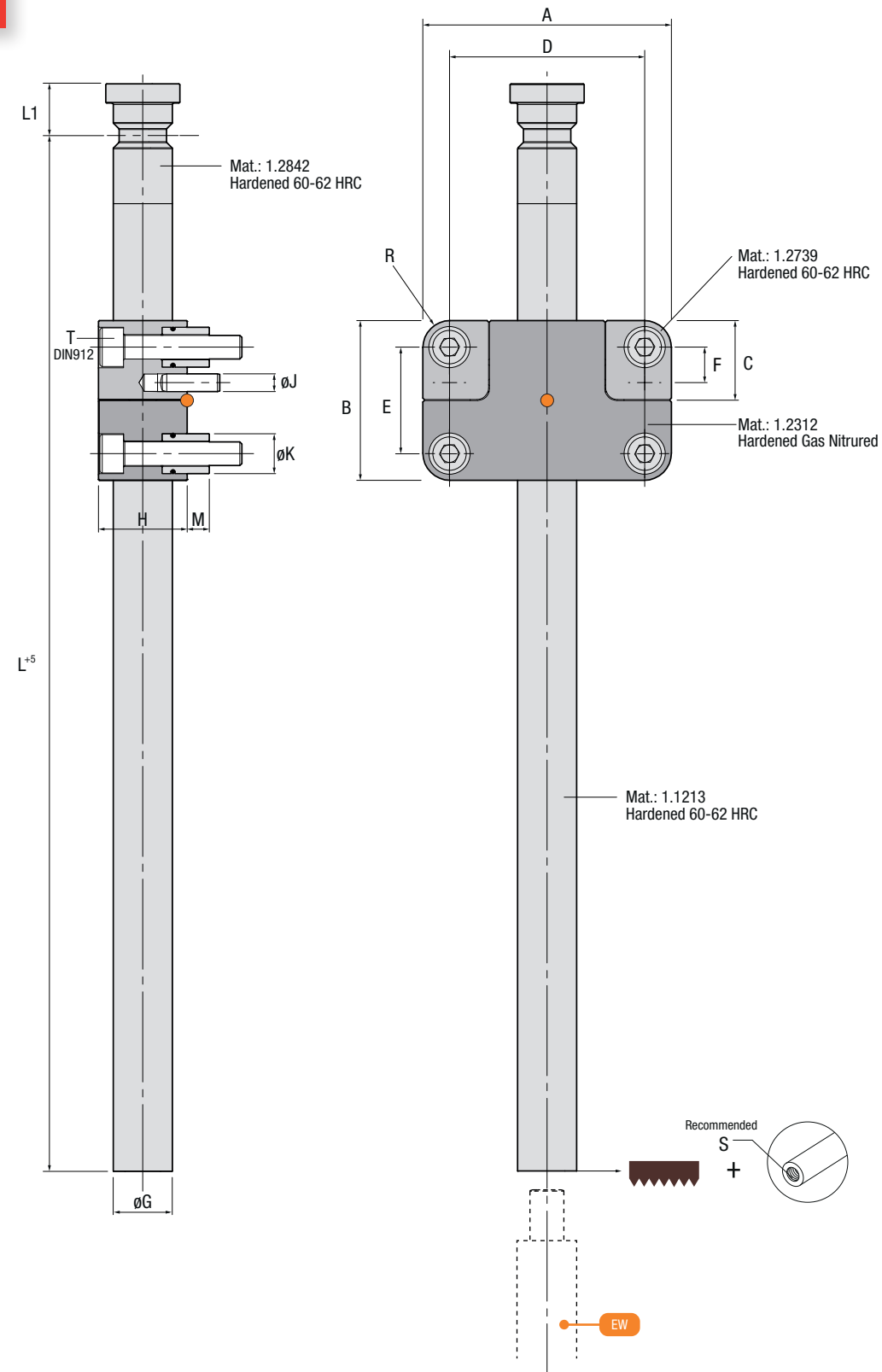
The first stroke is customizable up to 250mm for the 2 smaller sizes, and up to 375mm in the 2 larger sizes. The second movement is free.

Try them, you will not regret!





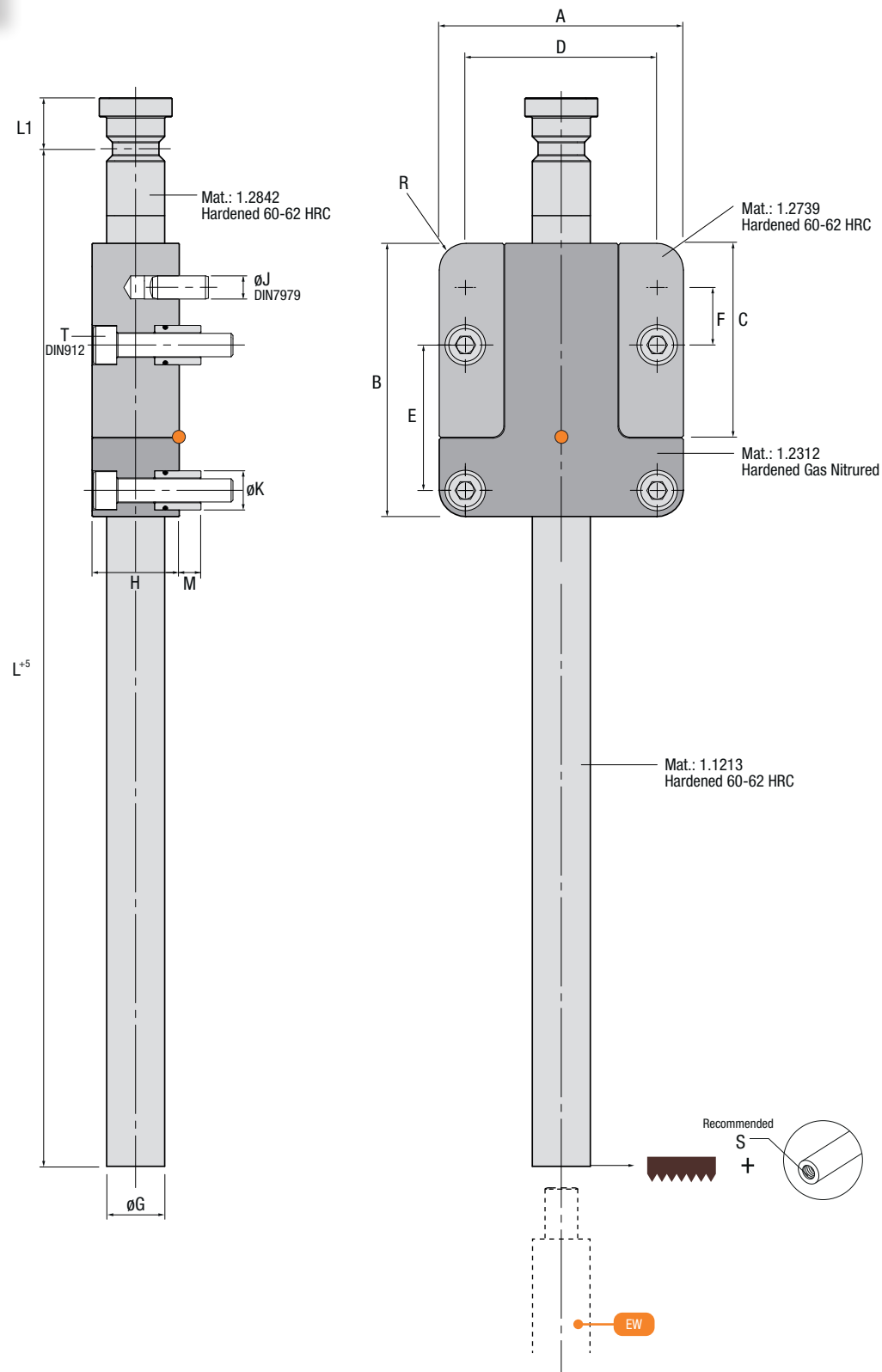
EXTERNAL SUPERIOR PLATE SEPARATOR



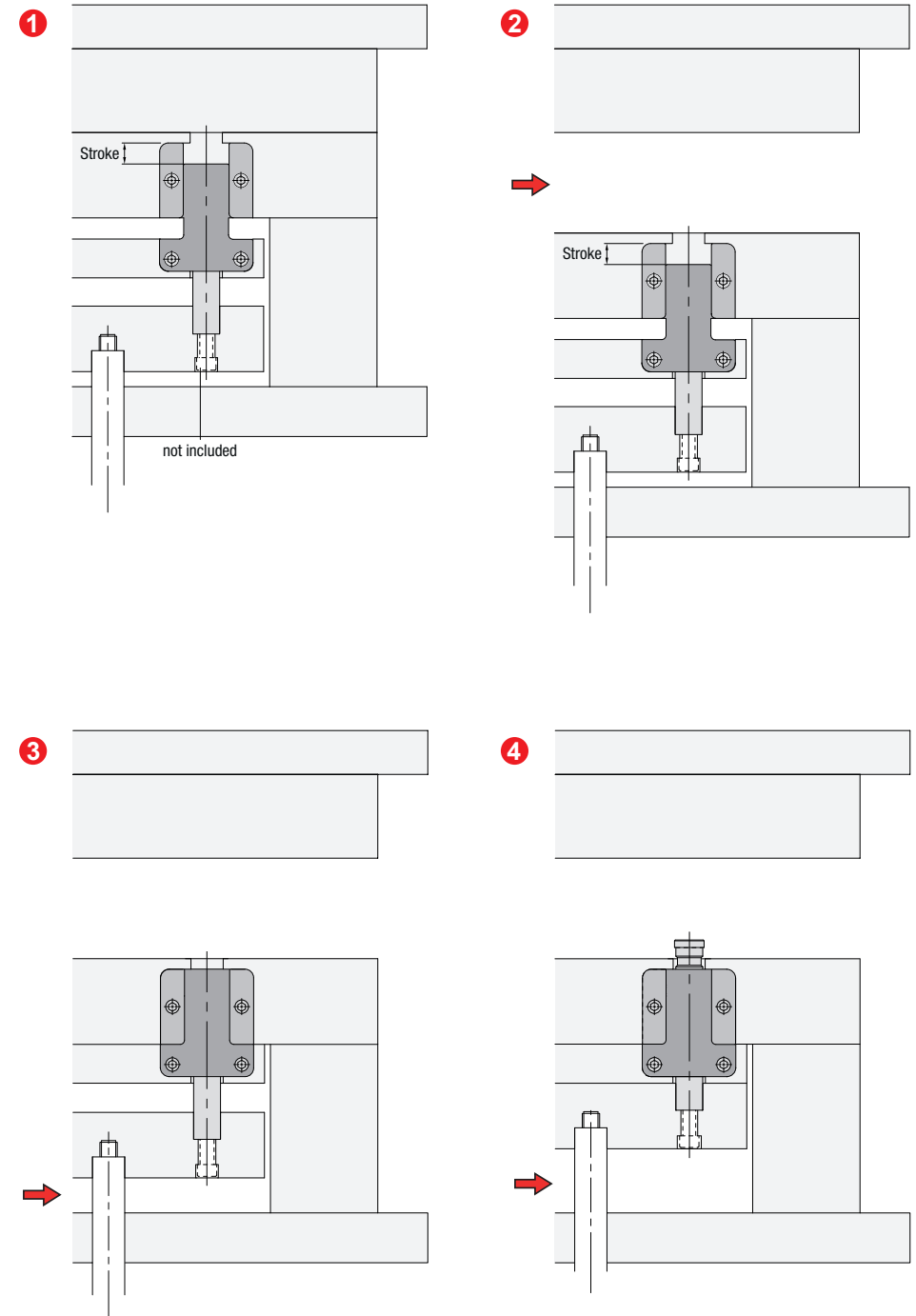
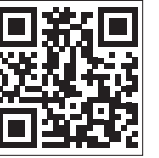
Ref.	A	B	C	D	E	F	G	H	J	K	L	L1	M	R	S	T	Min. Stroke	Max. Stroke	RF (N)
EX.140600	62	40	20	48	26	9	14	22	ø4x14 (DIN6325)	10.5	348	13	5.5	6.2	M8	M6x30	4	250	4.000
EX.200800	84	54	27	66	36	12	20	30	ø6x20 (DIN7979)	13.5	348	17.5	7.5	8.5	M12	M8x40	5	250	9.000
EX.321200	126	84	42	102	60	20	32	46	ø10x30 (DIN7979)	18.5	530	27	11.5	12.5	M16	M12x65	8	375	20.000
EX.501600	174	120	60	140	86	26	50	64	ø12x40 (DIN7979)	25	530	40	15.5	17	M24	M16x90	10	375	40.000



EXTERNAL DOUBLE EJECTION

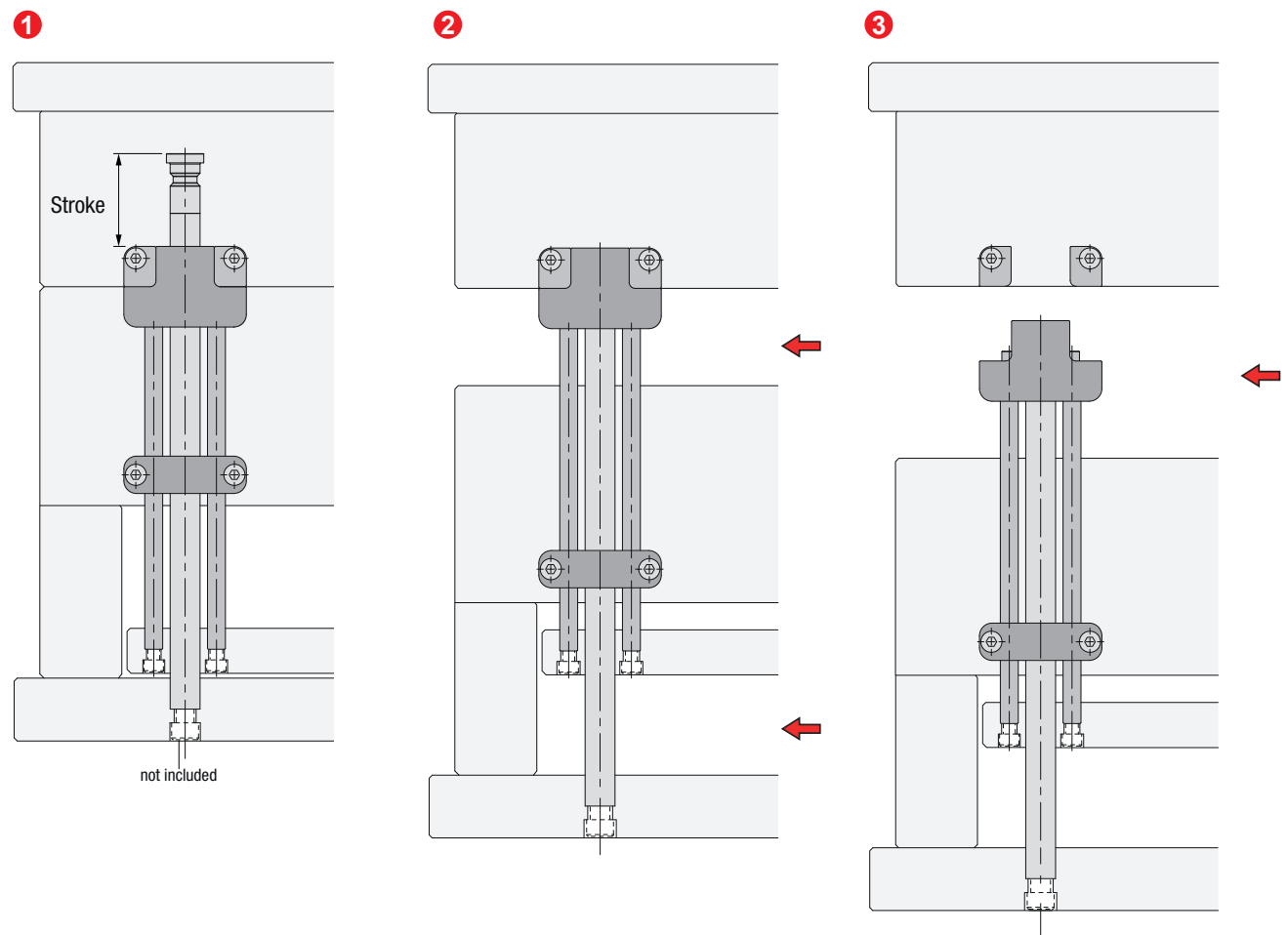
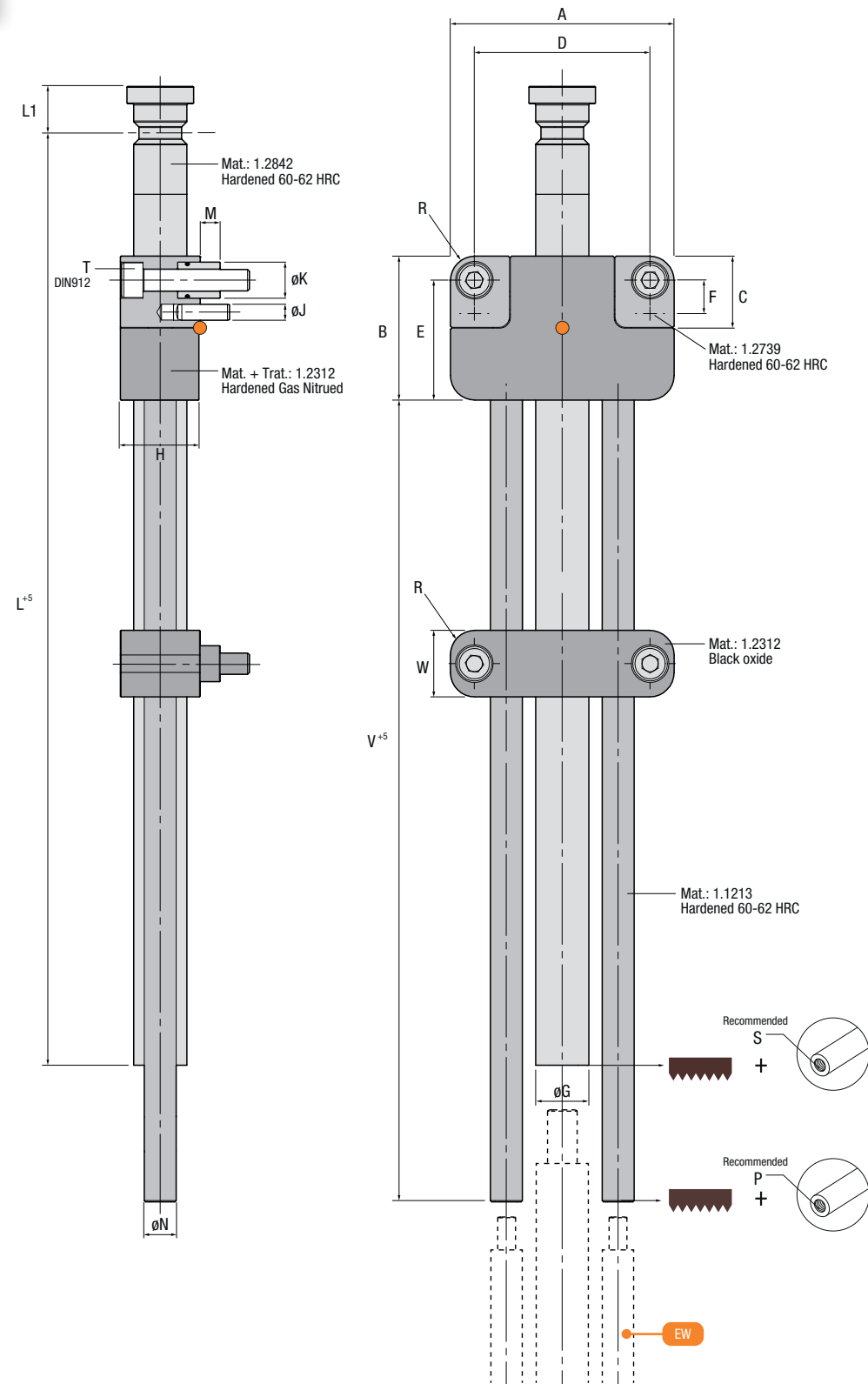


Ref.	A	B	C	D	E	F	G	H	J	K	L	L1	M	R	S	T	Min. Stroke	Max. Stroke	RF (N)
EY.140600	62	70	50	48	37	18	14	22	ø6x20	10.5	348	13	5.5	6	M8	M6x30	6	30	4.000
EY.200800	84	94	67	66	49	26	20	30	ø8x20	13.5	348	17.5	7.5	8	M12	M8x40	8	40	9.000
EY.321200	126	144	102	102	78	38	32	45	ø10x30	18.5	530	27	11.5	12	M16	M12x65	14	60	20.000
EY.501600	174	200	140	140	107	53	50	64	ø12x40	25	530	40	15.5	16	M24	M16x90	20	80	40.000





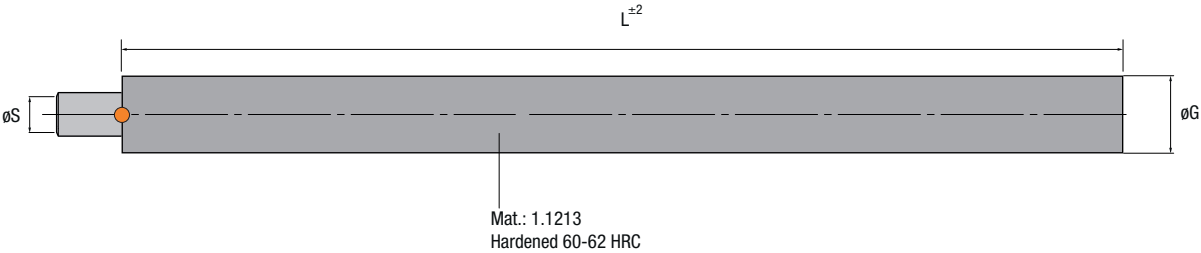
EXTERNAL SYNCHRONIZED PLATES



Ref.	A	B	C	D	E	F	G	H	J	K	L	L1	M	N	P	R	S	T	V	W	Min. Stroke	Max. Stroke	RF (N)
EZ.140608	62	40	40	48	34	9	14	22	Ø4x14 (DIN6325)	10.5	348	13	5.5	8	M5	6.2	M8	M6x30	300	20	4	250	4.000
EZ.200812	84	54	54	66	46	12	20	30	Ø6x20 (DIN7979)	13.5	348	17.5	7.5	12	M8	8.5	M12	M8x40	300	25	5	250	9.000
EZ.321220	126	84	84	102	72	20	32	46	Ø10x30 (DIN7979)	18.5	530	27	11.5	20	M12	12.5	M16	M12x65	450	42	8	375	20.000
EZ.501625	174	120	120	140	103	26	50	64	Ø12x40 (DIN7979)	25	530	40	15.5	25	M16	17	M24	M16x90	450	60	10	375	40.000

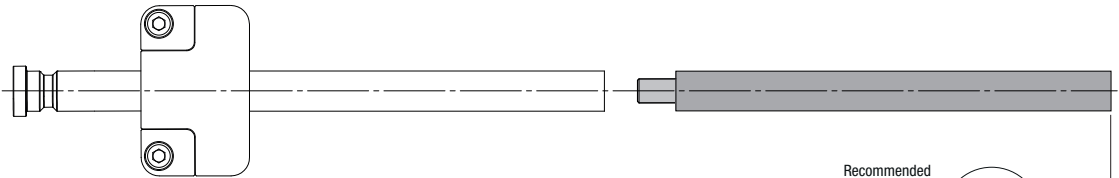


EX-EY-EZ ROD EXTENSION

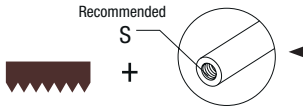
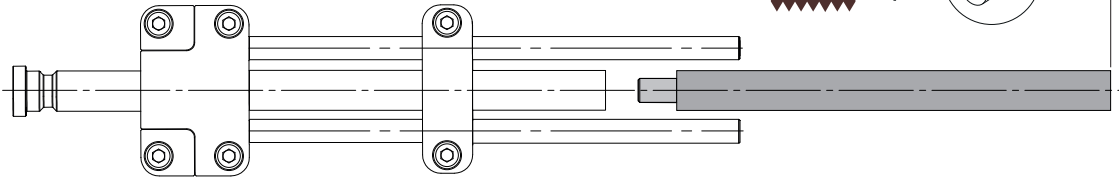


EX

EY

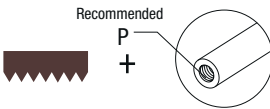
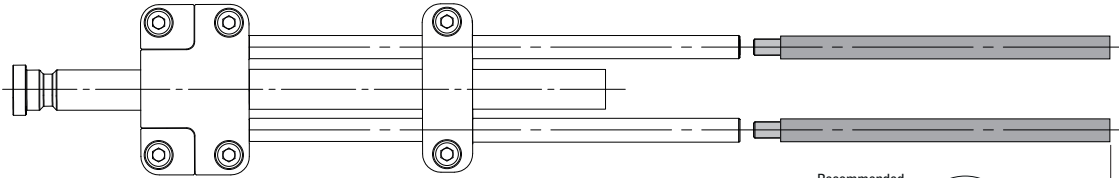


EZ



CENTRAL ROD EXTENSION				
Ref.	G	L	S	Compatible with
EW.140033	14	330	M8	EX.140600 / EY.140600 / EZ.140608
EW.200033	20	330	M12	EX.200800 / EY.200800 / EZ.200812
EW.320049	32	495	M16	EX.321200 / EY.321200 / EZ.321220
EW.500049	50	495	M24	EX.501600 / EY.501600 / EZ.501625

EZ



LATERAL ROD EXTENSION					
Ref.	G	L	P	S	Compatible with
EW.140833	8	330	M5	M5	EZ.140608
EW.201233	12	330	M8	M8	EZ.200812
EW.322049	20	495	M12	M12	EZ.321220
EW.502549	25	495	M16	M16	EZ.501625



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