Series	NC-E	NC-S	NC-P
Type	adjustable	self-compensating	self-compensating
Characteristics	linear	linear	progressive
Impact speed [ms^{-1}]	0.08 to 6.0	0.08 to 6.0	0.3 to 8.0
Temperature range [°C]	-20 to +80		

Type	0,25	0,35	0,5x19	1,0	1,0x40
Spring return force [N]	13 to 23	13 to 23	12 to 23	15 to 31	11 to 20
Weight [kg]	0.05	0.07	0.14	0.29	0.39
Max. tightening torque [Nm]	20	20	25	30	30

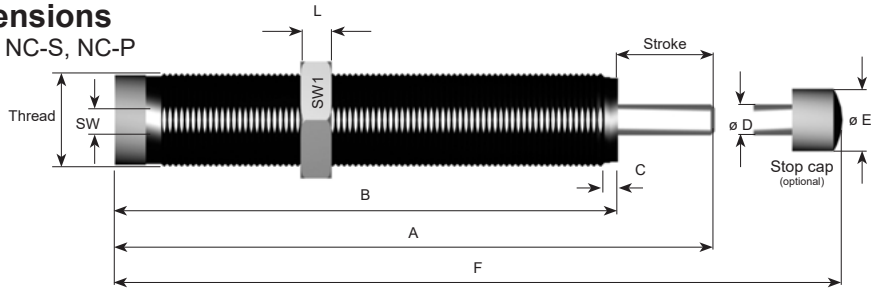
Order codes

Order code consist of **series description, type** (1. part - see table) and **hardness selection** (2. part - see table), eventually indication of shock absorber with stop cap. If you need the shock absorber with stop cap, add **„-A"** after complete order code. The stop cap couldn't be mounted additionally as accessories, because by mounting of stop cap the stroke of shock absorber will be smaller. That is why the stop cap must be ordered together with shock absorber to ensure that piston rod will be extended for stop cap.
Example 1: self-compensating progressive shock absorber M16x1.5 type 0,35 with hardness 3 has order code NC-P0,35-3
Example 2: adjustable shock absorber M14x1 type 0,25 with stop cap has order code NC-E0,25-1-A

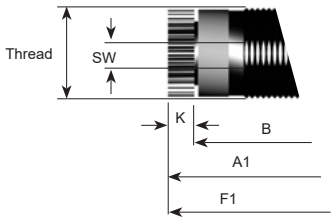
Order code (1. part)	Thread	Stroke	Energy absorption			Effective mass - hardness / order code (2. part)				
			constant load[Nm/stroke]	emergency load [Nm/stroke]	total energy [Nm/hod]	...-0 (very soft)	...-1 (soft)	...-2 (medium)	...-3 (hard)	...-4 (very hard)
NC-E0,25-...	M14x1	14	30	48	50 000	—	1.6 to 1500	—	—	—
NC-S0,25-...	M14x1	14	30	48	50 000	0.9 to 8	3.5 to 17	9.9 to 76	62 to 252	250 to 950
NC-P0,25-...	M14x1	14	30	48	50 000	—	0.8 to 3.7	3 to 26	21 to 165	—
NC-E0,35-...	M16x1	14	35	50	52 500	—	6.5 to 1750	—	—	—
NC-S0,35-...	M16x1	14	35	50	52 500	1.9 to 4.5	4 to 25	22 to 90	85 to 428	420 to 1320
NC-P0,35-...	M16x1	14	35	50	52 500	—	1.1 to 6.4	5 to 28	25 to 280	—
NC-E0,5x19-...	M20x1	19	100	160	76 500	—	9 to 4500	—	—	—
NC-S0,5x19-...	M20x1	19	100	160	76 500	2.6 to 10.6	10 to 86	40 to 209	170 to 800	680 to 4050
NC-P0,5x19-...	M20x1	19	100	160	76 500	—	2.6 to 12.5	10 to 89	69 to 555	—
NC-E1,0-...	M24x1.5	25	220	352	105 600	—	22 to 11000	—	—	—
NC-S1,0-...	M24x1.5	25	220	352	105 600	6 to 29	24 to 120	70 to 460	440 to 2050	1760 to 10800
NC-P1,0-...	M24x1.5	25	220	352	105 600	—	6 to 27.5	21 to 195	150 to 1200	—
NC-E1,0x40-...	M24x1.5	40	390	624	175 600	—	38 to 18000	—	—	—
NC-S1,0x40-...	M24x1.5	40	390	624	175 600	15 to 103	44 to 216	135 to 962	780 to 3600	3100 to 19500
NC-P1,0x40-...	M24x1.5	40	390	624	175 600	—	10 to 48	39 to 340	270 to 2150	—

Dimensions

Series NC-S, NC-P



Series NC-E



Type	Thread	A	A1	B	C	D	E	F	F1	K	L	SW	SW1
0,25	M14x1	92	97	78	2.5	4	10	100	105	4.5	5	13	17
0,35	M16x1	92	97	78	2.5	4	10	100	105	4.5	6	14	19
0,5x19	M20x1	107	113	88	2.5	6	12	117	123	6	6	18	24
1,0	M24x1.5	133	141	108	3.5	8	16	146	154	8	8	23	30
1,0x40	M24x1.5	170	178	130	3.5	8	16	183	191	8	8	23	30