



Amortecedores a Gás

www.hidromarinha.pt



COMPONENTES
INDUSTRIAIS

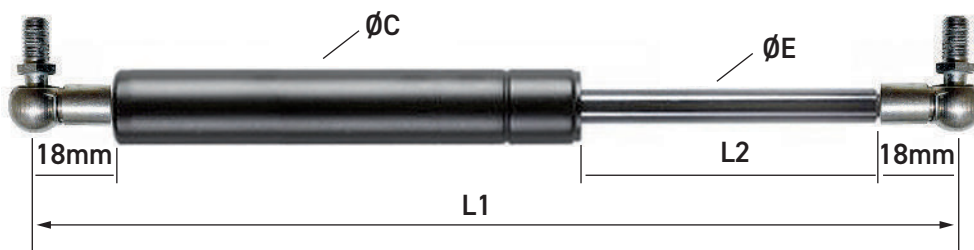
HIDROMARINHA[®]
SOLUÇÕES TÉCNICAS

HM032-01 | 1ª Edição | Fevereiro 2024

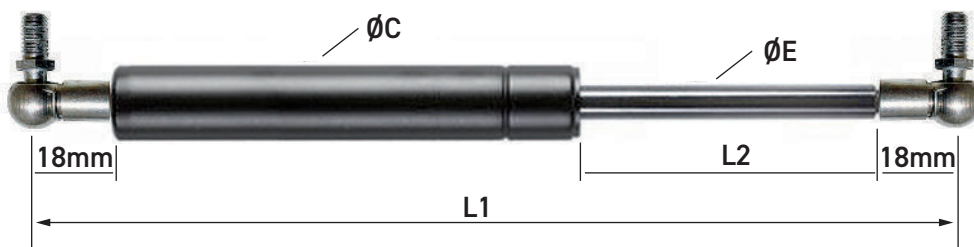
PNEUMÁTICA

AMORTECEDORES A GÁS

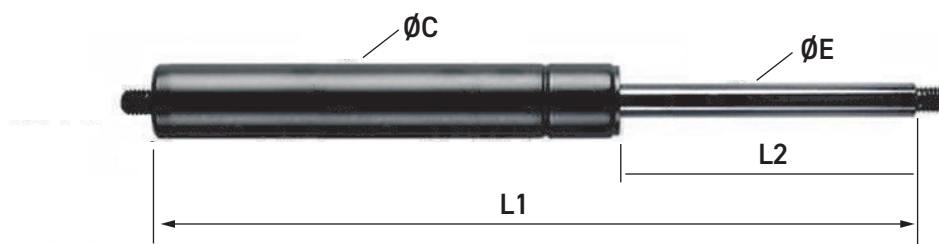
M6
HASTE 8

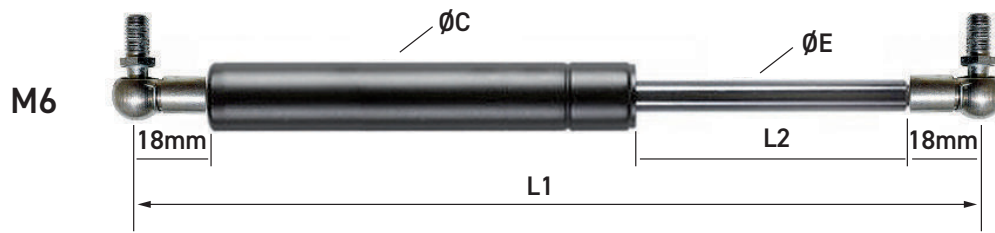


M8
HASTE 10



M10
HASTE 14



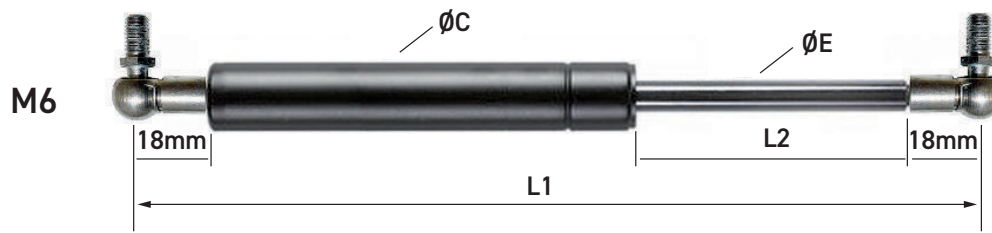


REF.	L1: TOTAL	L2: HASTE	F: (NEWTONS)
A06150100	150	30	100
A06150150	150	30	150
A06150200	150	30	200
A06175100	175	45	100
A06175150	175	45	150
A06175200	175	45	200
A06225100	225	70	100
A06225150	225	70	150
A06225200	225	70	200
A06225400	225	70	400

REF.	L1: TOTAL	L2: HASTE	F: (NEWTONS)
A06200100	200	60	100
A06200150	200	60	150
A06200200	200	60	200
A06200250	200	60	250
A06200300	200	60	300
A06200350	200	60	350
A06200400	200	60	400
A06200450	200	60	450
A06200500	200	60	500
A06200550	200	60	550
A06200600	200	60	600
A06200650	200	60	650
A06200700	200	60	700
A06200750	200	60	750

REF.	L1: TOTAL	L2: HASTE	F: (NEWTONS)
A06250100	250	80	100
A06250150	250	80	150
A06250200	250	80	200
A06250250	250	80	250
A06250300	250	80	300
A06250350	250	80	350
A06250400	250	80	400
A06250450	250	80	450
A06250500	250	80	500
A06250550	250	80	550
A06250600	250	80	600
A06250650	250	80	650
A06250700	250	80	700
A06250750	250	80	750

REF.	L1: TOTAL	L2: HASTE	F: (NEWTONS)
A06275100	275	100	100
A06275150	275	100	150
A06275200	275	100	200
A06275250	275	100	250
A06275300	275	100	300
A06275350	275	100	350
A06275400	275	100	400
A06275450	275	100	450
A06275500	275	100	500
A06275550	275	100	550
A06275600	275	100	600
A06275650	275	100	650
A06275700	275	100	700
A06275750	275	100	750

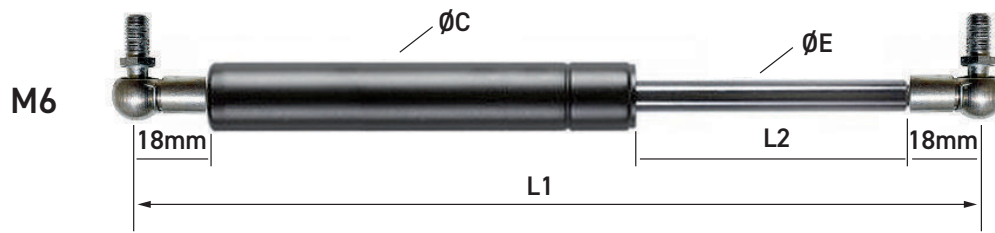


REF.	L1: TOTAL	L2: HASTE	F: (NEWTONS)
A06300100	300	110	100
A06300150	300	110	150
A06300200	300	110	200
A06300250	300	110	250
A06300300	300	110	300
A06300350	300	110	350
A06300400	300	110	400
A06300450	300	110	450
A06300500	300	110	500
A06300550	300	110	550
A06300600	300	110	600
A06300650	300	110	650
A06300700	300	110	700
A06300750	300	110	750

REF.	L1: TOTAL	L2: HASTE	F: (NEWTONS)
A06325100	325	125	100
A06325150	325	125	150
A06325200	325	125	200
A06325250	325	125	250
A06325300	325	125	300
A06325350	325	125	350
A06325400	325	125	400
A06325450	325	125	450
A06325500	325	125	500
A06325550	325	125	550
A06325600	325	125	600
A06325650	325	125	650
A06325700	325	125	700
A06325750	325	125	750

REF.	L1: TOTAL	L2: HASTE	F: (NEWTONS)
A06350100	350	130	100
A06350150	350	130	150
A06350200	350	130	200
A06350250	350	130	250
A06350300	350	130	300
A06350350	350	130	350
A06350400	350	130	400
A06350450	350	130	450
A06350500	350	130	500
A06350550	350	130	550
A06350600	350	130	600
A06350650	350	130	650
A06350700	350	130	700
A06350750	350	130	750
A06350800	350	130	800

REF.	L1: TOTAL	L2: HASTE	F: (NEWTONS)
A06380100	380	145	100
A06380150	380	145	150
A06380200	380	145	200
A06380250	380	145	250
A06380300	380	145	300
A06380350	380	145	350
A06380400	380	145	400
A06380450	380	145	450
A06380500	380	145	500
A06380550	380	145	550
A06380600	380	145	600
A06380650	380	145	650
A06380700	380	145	700
A06380750	380	145	750
A06380800	380	145	800

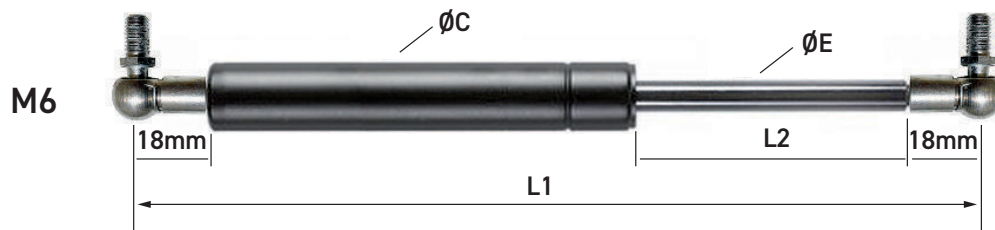


REF.	L1: TOTAL	L2: HASTE	F: (NEWTONS)
A06410100	410	160	100
A06410150	410	160	150
A06410200	410	160	200
A06410250	410	160	250
A06410300	410	160	300
A06410350	410	160	350
A06410400	410	160	400
A06410450	410	160	450
A06410500	410	160	500
A06410550	410	160	550
A06410600	410	160	600
A06410650	410	160	650
A06410700	410	160	700
A06410750	410	160	750
A06410800	410	160	800

REF.	L1: TOTAL	L2: HASTE	F: (NEWTONS)
A06430100	430	170	100
A06430150	430	170	150
A06430200	430	170	200
A06430250	430	170	250
A06430300	430	170	300
A06430350	430	170	350
A06430400	430	170	400
A06430450	430	170	450
A06430500	430	170	500
A06430550	430	170	550
A06430600	430	170	600
A06430650	430	170	650
A06430700	430	170	700
A06430750	430	170	750
A06430800	430	170	800

REF.	L1: TOTAL	L2: HASTE	F: (NEWTONS)
A06450100	450	180	100
A06450150	450	180	150
A06450200	450	180	200
A06450250	450	180	250
A06450300	450	180	300
A06450350	450	180	350
A06450400	450	180	400
A06450450	450	180	450
A06450500	450	180	500
A06450550	450	180	550
A06450600	450	180	600
A06450650	450	180	650
A06450700	450	180	700
A06450750	450	180	750
A06450800	450	180	800

REF.	L1: TOTAL	L2: HASTE	F: (NEWTONS)
A06485100	485	192	100
A06485150	485	192	150
A06485200	485	192	200
A06485250	485	192	250
A06485300	485	192	300
A06485350	485	192	350
A06485400	485	192	400
A06485450	485	192	450
A06485500	485	192	500
A06485550	485	192	550
A06485600	485	192	600
A06485650	485	192	650
A06485700	485	192	700
A06485750	485	192	750
A06485800	485	192	800

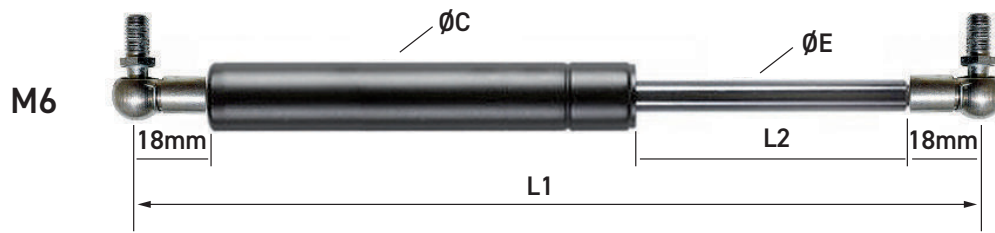


REF.	L1: TOTAL	L2: HASTE	F: (NEWTONS)
A06510100	510	200	100
A06510150	510	200	150
A06510200	510	200	200
A06510250	510	200	250
A06510300	510	200	300
A06510350	510	200	350
A06510400	510	200	400
A06510450	510	200	450
A06510500	510	200	500
A06510550	510	200	550
A06510600	510	200	600
A06510650	510	200	650
A06510700	510	200	700
A06510750	510	200	750
A06510800	510	200	800

REF.	L1: TOTAL	L2: HASTE	F: (NEWTONS)
A06530100	530	215	100
A06530150	530	215	150
A06530200	530	215	200
A06530250	530	215	250
A06530300	530	215	300
A06530350	530	215	350
A06530400	530	215	400
A06530450	530	215	450
A06530500	530	215	500
A06530550	530	215	550
A06530600	530	215	600
A06530650	530	215	650
A06530700	530	215	700
A06530750	530	215	750
A06530800	530	215	800

REF.	L1: TOTAL	L2: HASTE	F: (NEWTONS)
A06550100	550	230	100
A06550150	550	230	150
A06550200	550	230	200
A06550250	550	230	250
A06550300	550	230	300
A06550350	550	230	350
A06550400	550	230	400
A06550450	550	230	450
A06550500	550	230	500
A06550550	550	230	550
A06550600	550	230	600
A06550650	550	230	650
A06550700	550	230	700
A06550750	550	230	750
A06550800	550	230	800

REF.	L1: TOTAL	L2: HASTE	F: (NEWTONS)
A06585100	585	240	100
A06585150	585	240	150
A06585200	585	240	200
A06585250	585	240	250
A06585300	585	240	300
A06585350	585	240	350
A06585400	585	240	400
A06585450	585	240	450
A06585500	585	240	500
A06585550	585	240	550
A06585600	585	240	600
A06585650	585	240	650
A06585700	585	240	700
A06585750	585	240	750
A06585800	585	240	800

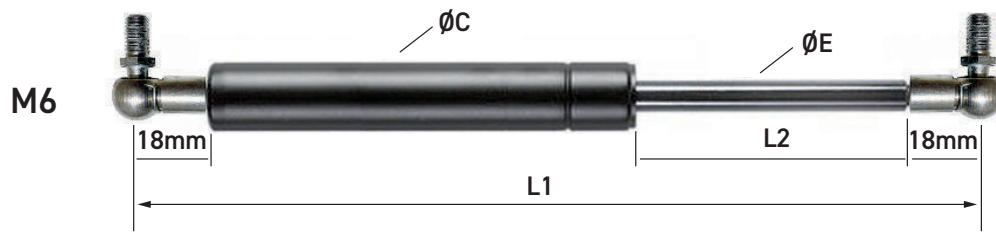


REF.	L1: TOTAL	L2: HASTE	F: (NEWTONS)
A06610100	610	250	100
A06610150	610	250	150
A06610200	610	250	200
A06610250	610	250	250
A06610300	610	250	300
A06610350	610	250	350
A06610400	610	250	400
A06610450	610	250	450
A06610500	610	250	500
A06610550	610	250	550
A06610600	610	250	600
A06610650	610	250	650
A06610700	610	250	700
A06610750	610	250	750
A06610800	610	250	800

REF.	L1: TOTAL	L2: HASTE	F: (NEWTONS)
A06630100	630	270	100
A06630150	630	270	150
A06630200	630	270	200
A06630250	630	270	250
A06630300	630	270	300
A06630350	630	270	350
A06630400	630	270	400
A06630450	630	270	450
A06630500	630	270	500
A06630550	630	270	550
A06630600	630	270	600
A06630650	630	270	650
A06630700	630	270	700
A06630750	630	270	750
A06630800	630	270	800

REF.	L1: TOTAL	L2: HASTE	F: (NEWTONS)
A06650100	650	280	100
A06650150	650	280	150
A06650200	650	280	200
A06650250	650	280	250
A06650300	650	280	300
A06650350	650	280	350
A06650400	650	280	400
A06650450	650	280	450
A06650500	650	280	500
A06650550	650	280	550
A06650600	650	280	600
A06650650	650	280	650
A06650700	650	280	700
A06650750	650	280	750
A06650800	650	280	800

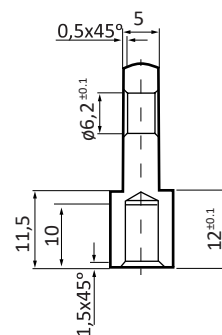
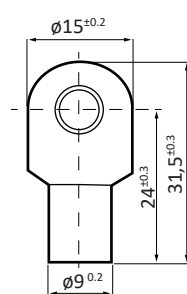
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A06700100	700	300	100
A06700150	700	300	150
A06700200	700	300	200
A06700250	700	300	250
A06700300	700	300	300
A06700350	700	300	350
A06700400	700	300	400
A06700450	700	300	450
A06700500	700	300	500
A06700550	700	300	550
A06700600	700	300	600
A06700650	700	300	650
A06700700	700	300	700
A06700750	700	300	750
A06700800	700	300	800



REF.	L1: TOTAL	L2: HASTE	F: (NEWTONS)
A06750100	750	330	100
A06750150	750	330	150
A06750200	750	330	200
A06750250	750	330	250
A06750300	750	330	300
A06750350	750	330	350
A06750400	750	330	400
A06750450	750	330	450
A06750500	750	330	500
A06750550	750	330	550
A06750600	750	330	600
A06750650	750	330	650
A06750700	750	330	700
A06750750	750	330	750
A06750800	750	330	800

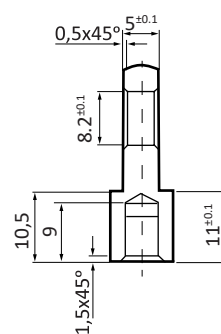
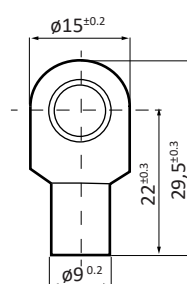
A600

M6
Comprimento 24 mm
Ø Olhal 6 mm



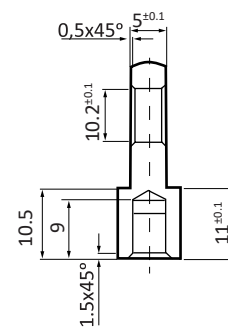
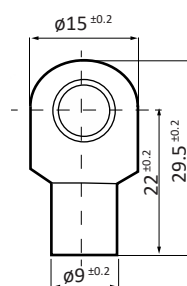
A601

M6
Comprimento 22 mm
Ø olhal 8 mm



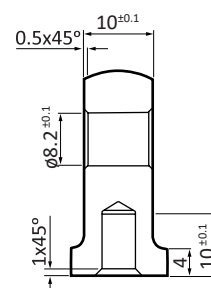
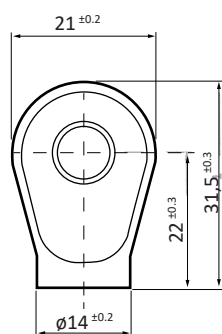
A602

M6
Comprimento 22 mm
Ø olhal 10 mm



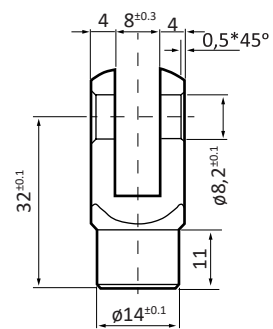
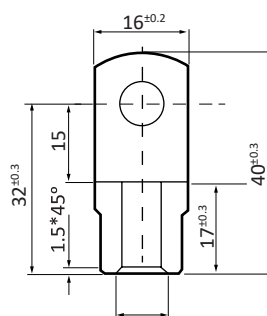
A603

M6
Comprimento 24 mm
Ø olhal 6 mm



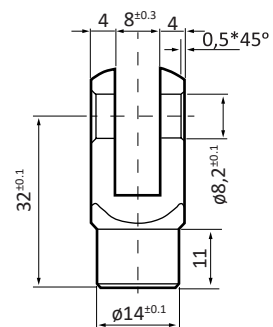
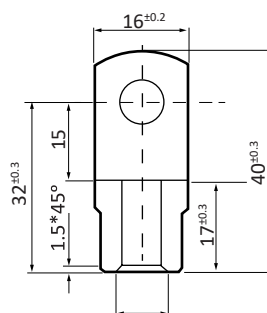
A604

M6
Comprimento 32 mm
Ø olhal 8 mm



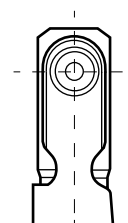
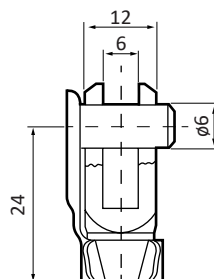
A605

M6
Comprimento 20 mm
Ø olhal 6 mm



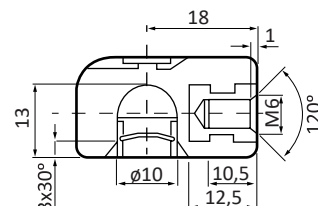
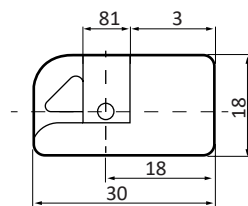
A607

M6
Ø bulón 6 mm



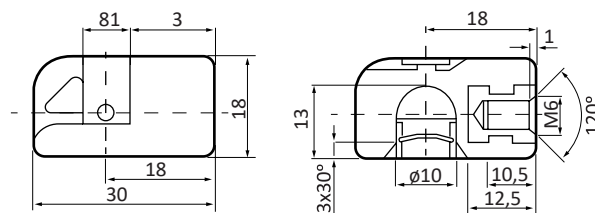
A610

M6
Comprimento 18 mm
Cabeça 10 mm



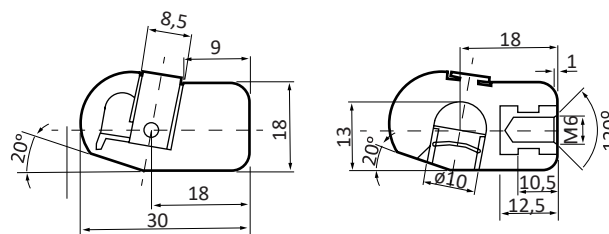
A611

M6
Comprimento 18 mm
Cabeça 10 mm



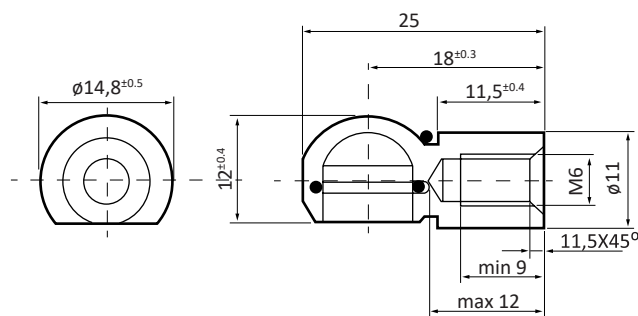
A612

M6
Comprimento 18 mm
Cabeça 10 mm



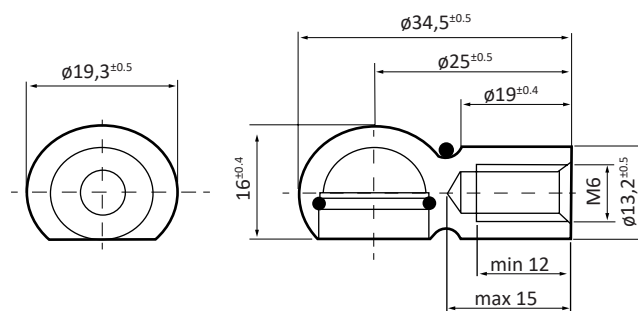
A613

M6
Comprimento 18 mm
Cabeça 10 mm



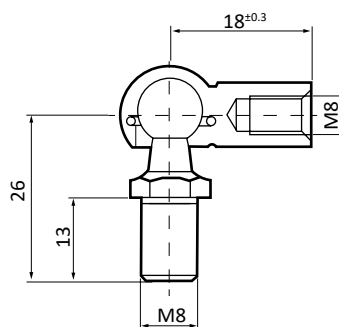
A614

M6
Comprimento 25 mm
Cabeça 13 mm



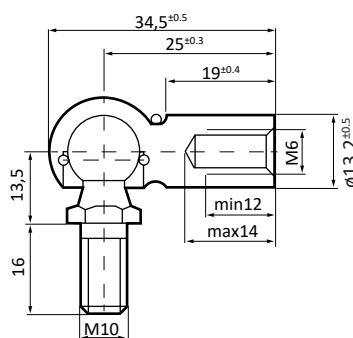
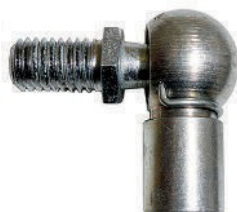
A621

M6
 Comprimento 18 mm
 M6 Haste 8 mm



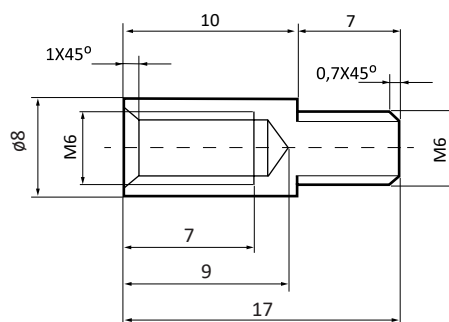
A622

M6
 Comprimento 25 mm
 M6 Haste 10 mm



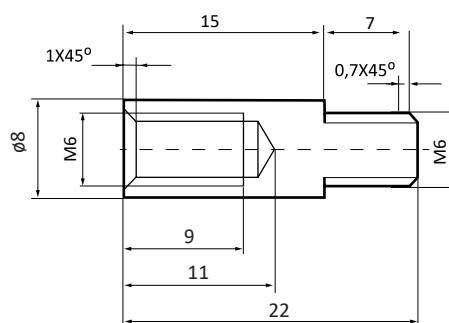
A630

M6
 Extensor 10 mm



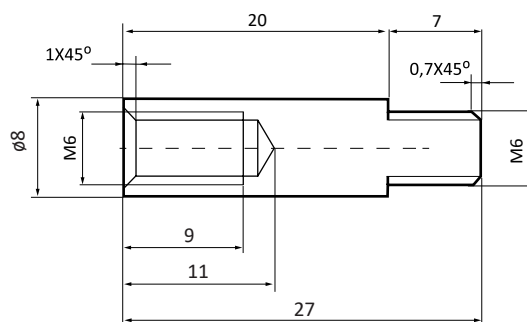
A631

M6
 Extensor 15 mm



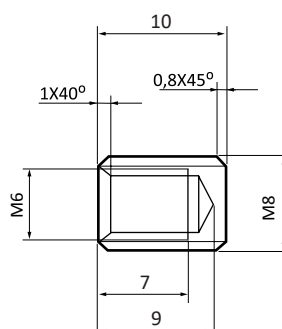
A632

M6
 Extensor 20 mm



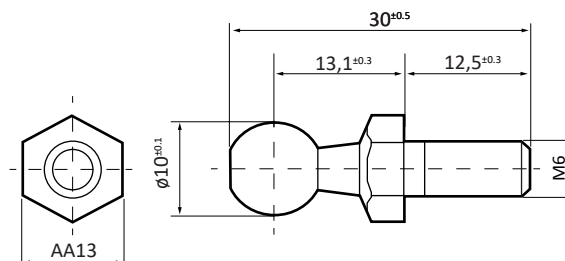
A640

Conversor de M6
 6 a 8



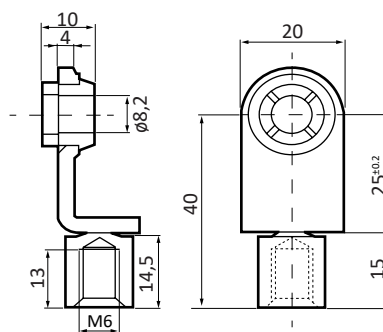
A650

M6
 Comprimento 13 mm
 Cabeça 10 mm



A660

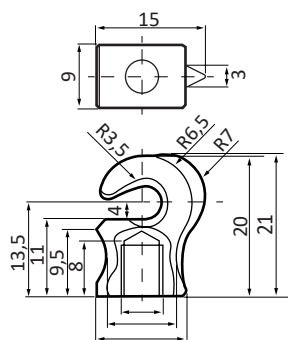
M6
 Deslocamento 8 mm
 Ø olhal 8 mm

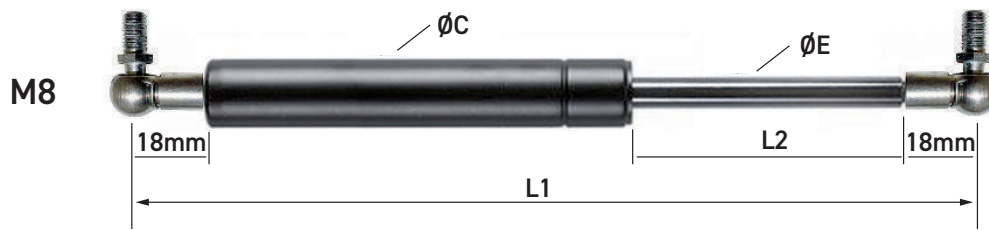


A670

M6

Comprimento 13,5 mm





REF.	L1: TOTAL	L2: HASTE	F: (NEWTONS)
A08340350	340	130	350
A08340400	340	130	400
A08340450	340	130	450
A08340500	340	130	500
A08340550	340	130	550
A08340600	340	130	600
A08340650	340	130	650
A08340700	340	130	700
A08340750	340	130	750
A08340800	340	130	800
A08340850	340	130	850
A08340900	340	130	900
A08340950	340	130	950
A083401000	340	130	1000
A083401150	340	130	1150
A083401200	340	130	1200
A083401250	340	130	1250
A083401500	340	130	1500

REF.	L1: TOTAL	L2: HASTE	F: (NEWTONS)
A08410350	410	150	350
A08410400	410	150	400
A08410450	410	150	450
A08410500	410	150	500
A08410550	410	150	550
A08410600	410	150	600
A08410650	410	150	650
A08410700	410	150	700
A08410750	410	150	750
A08410800	410	150	800
A08410850	410	150	850
A08410900	410	150	900
A08410950	410	150	950
A084101000	410	150	1000

REF.	L1: TOTAL	L2: HASTE	F: (NEWTONS)
A08430350	430	170	350
A08430400	430	170	400
A08430450	430	170	450
A08430500	430	170	500
A08430550	430	170	550
A08430600	430	170	600
A08430650	430	170	650
A08430700	430	170	700
A08430750	430	170	750
A08430800	430	170	800
A08430850	430	170	850
A08430900	430	170	900
A08430950	430	170	950
A084301000	430	170	1000
A084301200	430	170	1200

REF.	L1: TOTAL	L2: HASTE	F: (NEWTONS)
A08450350	450	170	350
A08450400	450	170	400
A08450450	450	170	450
A08450500	450	170	500
A08450550	450	170	550
A08450600	450	170	600
A08450650	450	170	650
A08450700	450	170	700
A08450750	450	170	750
A08450800	450	170	800
A08450850	450	170	850
A08450900	450	170	900
A08450950	450	170	950
A084501000	450	170	1000
A084501200	450	170	1200

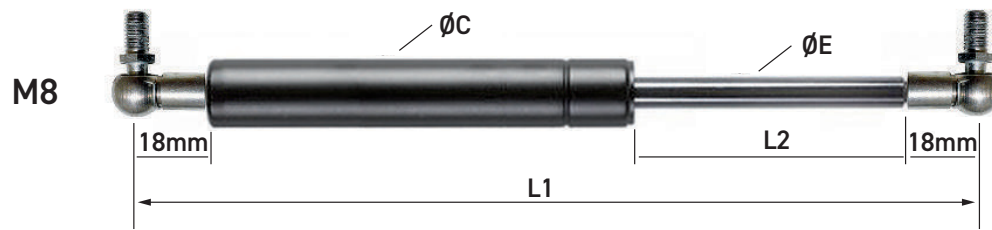


REF.	L1: TOTAL	L2: HASTE	F: (NEWTONS)
A08480350	480	185	350
A08480400	480	185	400
A08480450	480	185	450
A08480500	480	185	500
A08480550	480	185	550
A08480600	480	185	600
A08480650	480	185	650
A08480700	480	185	700
A08480750	480	185	750
A08480800	480	185	800
A08480850	480	185	850
A08480900	480	185	900
A08480950	480	185	950
A084801000	480	185	1000
A084801200	480	185	1200

REF.	L1: TOTAL	L2: HASTE	F: (NEWTONS)
A08510350	510	200	350
A08510400	510	200	400
A08510450	510	200	450
A08510500	510	200	500
A08510550	510	200	550
A08510600	510	200	600
A08510650	510	200	650
A08510700	510	200	700
A08510750	510	200	750
A08510800	510	200	800
A08510850	510	200	850
A08510900	510	200	900
A08510950	510	200	950
A085101000	510	200	1000
A085101200	510	200	1200

REF.	L1: TOTAL	L2: HASTE	F: (NEWTONS)
A08530350	530	215	350
A08530400	530	215	400
A08530450	530	215	450
A08530500	530	215	500
A08530550	530	215	550
A08530600	530	215	600
A08530650	530	215	650
A08530700	530	215	700
A08530750	530	215	750
A08530800	530	215	800
A08530850	530	215	850
A08530900	530	215	900
A08530950	530	215	950
A085301000	530	215	1000
A085301200	530	215	1200

REF.	L1: TOTAL	L2: HASTE	F: (NEWTONS)
A08550350	550	220	350
A08550400	550	220	400
A08550450	550	220	450
A08550500	550	220	500
A08550550	550	220	550
A08550600	550	220	600
A08550650	550	220	650
A08550700	550	220	700
A08550750	550	220	750
A08550800	550	220	800
A08550850	550	220	850
A08550900	550	220	900
A08550950	550	220	950
A085501000	550	220	1000
A085501200	550	220	1200

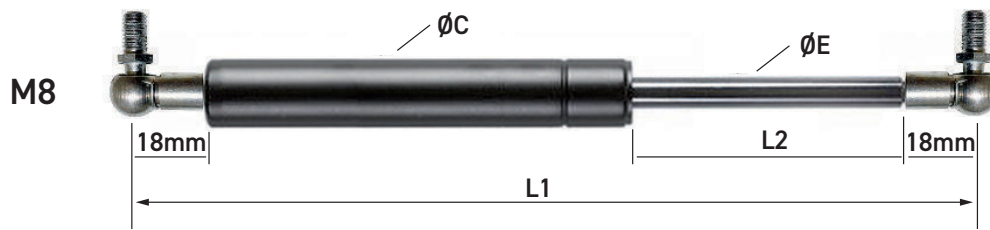


REF.	L1: TOTAL	L2: HASTE	F: (NEWTONS)
A08580350	580	235	350
A08580400	580	235	400
A08580450	580	235	450
A08580500	580	235	500
A08580550	580	235	550
A08580600	580	235	600
A08580650	580	235	650
A08580700	580	235	700
A08580750	580	235	750
A08580800	580	235	800
A08580850	580	235	850
A08580900	580	235	900
A08580950	580	235	950
A085801000	580	235	1000
A085801200	580	235	1200

REF.	L1: TOTAL	L2: HASTE	F: (NEWTONS)
A08610350	610	250	350
A08610400	610	250	400
A08610450	610	250	450
A08610500	610	250	500
A08610550	610	250	550
A08610600	610	250	600
A08610650	610	250	650
A08610700	610	250	700
A08610750	610	250	750
A08610800	610	250	800
A08610850	610	250	850
A08610900	610	250	900
A08610950	610	250	950
A086101000	610	250	1000
A086101200	610	250	1200

REF.	L1: TOTAL	L2: HASTE	F: (NEWTONS)
A08630350	630	270	350
A08630400	630	270	400
A08630450	630	270	450
A08630500	630	270	500
A08630550	630	270	550
A08630600	630	270	600
A08630650	630	270	650
A08630700	630	270	700
A08630750	630	270	750
A08630800	630	270	800
A08630850	630	270	850
A08630900	630	270	900
A08630950	630	270	950
A086301000	630	270	1000
A086301200	630	270	1200

REF.	L1: TOTAL	L2: HASTE	F: (NEWTONS)
A08650350	650	285	350
A08650400	650	285	400
A08650450	650	285	450
A08650500	650	285	500
A08650550	650	285	550
A08650600	650	285	600
A08650650	650	285	650
A08650700	650	285	700
A08650750	650	285	750
A08650800	650	285	800
A08650850	650	285	850
A08650900	650	285	900
A08650950	650	285	950
A086501000	650	285	1000
A086501200	650	285	1200

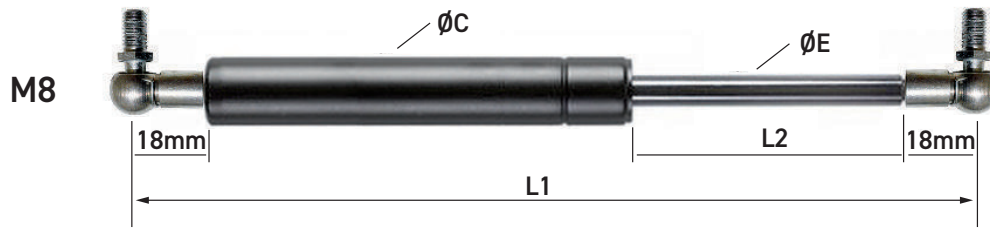


REF.	L1: TOTAL	L2: HASTE	F: (NEWTONS)
A08680350	680	295	350
A08680400	680	295	400
A08680450	680	295	450
A08680500	680	295	500
A08680550	680	295	550
A08680600	680	295	600
A08680650	680	295	650
A08680700	680	295	700
A08680750	680	295	750
A08680800	680	295	800
A08680850	680	295	850
A08680900	680	295	900
A08680950	680	295	950
A08681000	680	295	1000
A086801200	680	295	1200

REF.	L1: TOTAL	L2: HASTE	F: (NEWTONS)
A08700100	700	300	100
A08700200	700	300	200
A08700300	700	300	300
A08700350	700	300	350
A08700400	700	300	400
A08700450	700	300	450
A08700500	700	300	500
A08700550	700	300	550
A08700600	700	300	600
A08700650	700	300	650
A08700700	700	300	700
A08700750	700	300	750
A08700800	700	300	800
A08700850	700	300	850
A08700900	700	300	900
A08700950	700	300	950
A087001000	700	300	1000
A087001200	700	300	1200

REF.	L1: TOTAL	L2: HASTE	F: (NEWTONS)
A08725350	725	320	350
A08725400	725	320	400
A08725450	725	320	450
A08725500	725	320	500
A08725550	725	320	550
A08725600	725	320	600
A08725650	725	320	650
A08725700	725	320	700
A08725750	725	320	750
A08725800	725	320	800
A08725850	725	320	850
A08725900	725	320	900
A08725950	725	320	950
A087251000	725	320	1000
A087251200	725	320	1200

REF.	L1: TOTAL	L2: HASTE	F: (NEWTONS)
A08750350	750	323	350
A08750400	750	323	400
A08750450	750	323	450
A08750500	750	323	500
A08750550	750	323	550
A08750600	750	323	600
A08750650	750	323	650
A08750700	750	323	700
A08750750	750	323	750
A08750800	750	323	800
A08750850	750	323	850
A08750900	750	323	900
A08750950	750	323	950
A087501000	750	323	1000
A087501200	750	323	1200

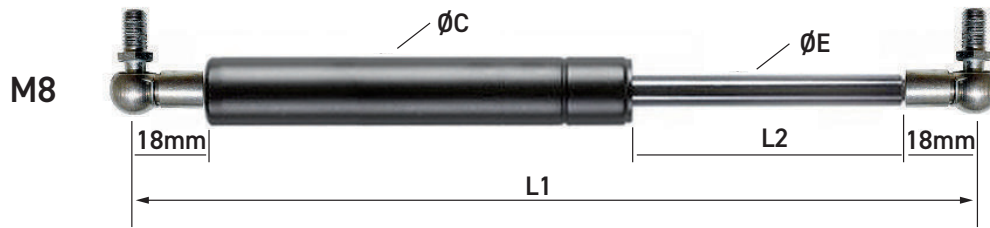


REF.	L1: TOTAL	L2: HASTE	F: (NEWTONS)
A08775350	775	340	350
A08775400	775	340	400
A08775450	775	340	450
A08775500	775	340	500
A08775550	775	340	550
A08775600	775	340	600
A08775650	775	340	650
A08775700	775	340	700
A08775750	775	340	750
A08775800	775	340	800
A08775850	775	340	850
A08775900	775	340	900
A08775950	775	340	950
A087751000	775	340	1000
A087751200	775	340	1200

REF.	L1: TOTAL	L2: HASTE	F: (NEWTONS)
A08800250	800	350	250
A08800300	800	350	300
A08800350	800	350	350
A08800400	800	350	400
A08800450	800	350	450
A08800500	800	350	500
A08800550	800	350	550
A08800600	800	350	600
A08800650	800	350	650
A08800700	800	350	700
A08800750	800	350	750
A08800800	800	350	800
A08800850	800	350	850
A08800900	800	350	900
A08800950	800	350	950
A088001000	800	350	1000
A088001100	800	350	1100
A088001200	800	350	1200

REF.	L1: TOTAL	L2: HASTE	F: (NEWTONS)
A08825250	825	360	250
A08825300	825	360	300
A08825350	825	360	350
A08825400	825	360	400
A08825450	825	360	450
A08825500	825	360	500
A08825550	825	360	550
A08825600	825	360	600
A08825650	825	360	650
A08825700	825	360	700
A08825750	825	360	750
A08825800	825	360	800
A08825850	825	360	850
A08825900	825	360	900
A08825950	825	360	950
A088251000	825	360	1000
A088251200	825	360	1200

REF.	L1: TOTAL	L2: HASTE	F: (NEWTONS)
A08850250	850	373	250
A08850300	850	373	300
A08850350	850	373	350
A08850400	850	373	400
A08850450	850	373	450
A08850500	850	373	500
A08850550	850	373	550
A08850600	850	373	600
A08850650	850	373	650
A08850700	850	373	700
A08850750	850	373	750
A08850800	850	373	800
A08850850	850	373	850
A08850900	850	373	900
A08850950	850	373	950
A088501000	850	373	1000
A088501200	850	373	1200



REF.	L1: TOTAL	L2: HASTE	F: (NEWTONS)
A08875250	875	385	250
A08875300	875	385	300
A08875350	875	385	350
A08875400	875	385	400
A08875450	875	385	450
A08875500	875	385	500
A08875550	875	385	550
A08875600	875	385	600
A08875650	875	385	650
A08875700	875	385	700
A08875750	875	385	750
A08875800	875	385	800
A08875850	875	385	850
A08875900	875	385	900
A08875950	875	385	950
A088751000	875	385	1000
A088751200	875	385	1200

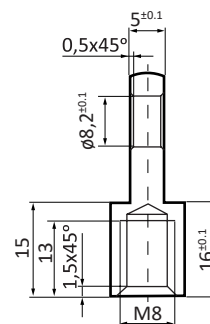
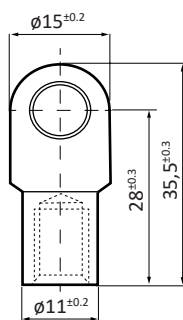
REF.	L1: TOTAL	L2: HASTE	F: (NEWTONS)
A08900250	900	400	250
A08900300	900	400	300
A08900350	900	400	350
A08900400	900	400	400
A08900450	900	400	450
A08900500	900	400	500
A08900550	900	400	550
A08900600	900	400	600
A08900650	900	400	650
A08900700	900	400	700
A08900750	900	400	750
A08900800	900	400	800
A08900850	900	400	850
A08900900	900	400	900
A08900950	900	400	950
A089001000	900	400	1000
A088001100	800	350	1100
A088001200	800	350	1200

REF.	L1: TOTAL	L2: HASTE	F: (NEWTONS)
A08925250	925	410	250
A08925300	925	410	300
A08925350	925	410	350
A08925400	925	410	400
A08925450	925	410	450
A08925500	925	410	500
A08925550	925	410	550
A08925600	925	410	600
A08925650	925	410	650
A08925700	925	410	700
A08925750	925	410	750
A08925800	925	410	800
A08925850	925	410	850
A08925900	925	410	900
A08925950	925	410	950
A089251000	925	410	1000
A088251200	825	360	1200

REF.	L1: TOTAL	L2: HASTE	F: (NEWTONS)
A08950250	950	420	250
A08950300	950	420	300
A08950350	950	420	350
A08950400	950	420	400
A08950450	950	420	450
A08950500	950	420	500
A08950550	950	420	550
A08950600	950	420	600
A08950650	950	420	650
A08950700	950	420	700
A08950750	950	420	750
A08950800	950	420	800
A08950850	950	420	850
A08950900	950	420	900
A08950950	950	420	950
A089501000	950	420	1000
A088501200	850	373	1200

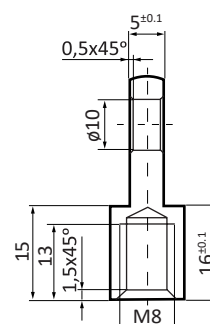
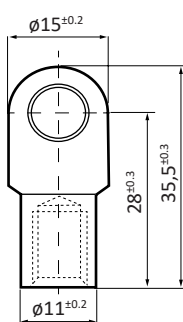
A801

M8
 Comprimento 28 mm
 Ø olhal 8 mm



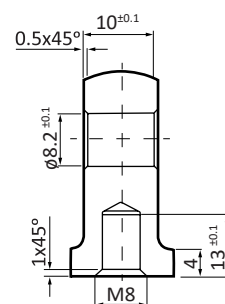
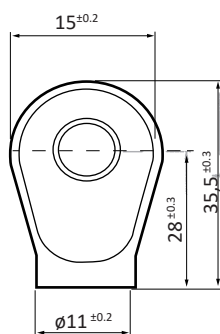
A802

M8
 Comprimento 28 mm
 Ø olhal 10 mm



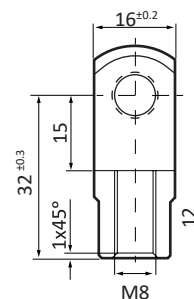
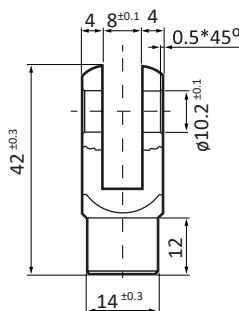
A803

M8
 Comprimento 22 mm
 Ø olhal 8 mm



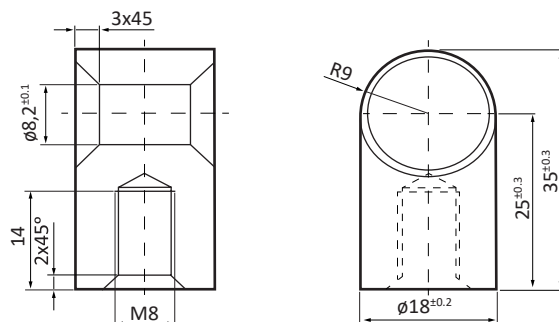
A804

M8
 Comprimento 32 mm
 Ø olhal 10 mm



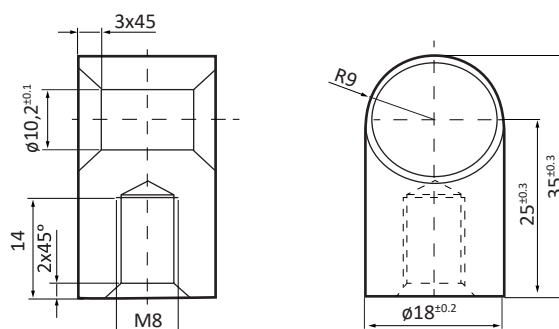
A805

M8
Comprimento 28 mm
Ø olhal 8 mm



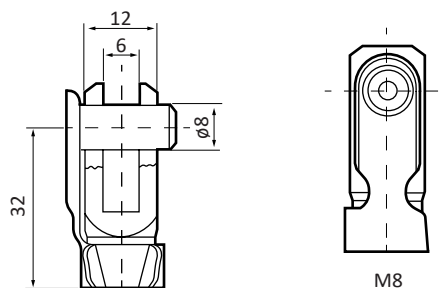
A806

M8
Comprimento 28 mm
Ø olhal 10 mm



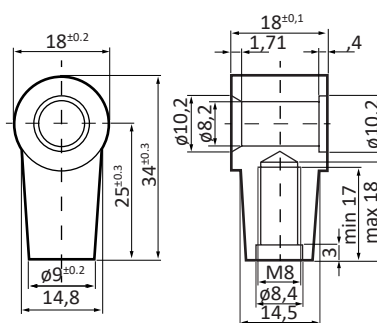
A807

M8
Ø bulón 8 mm



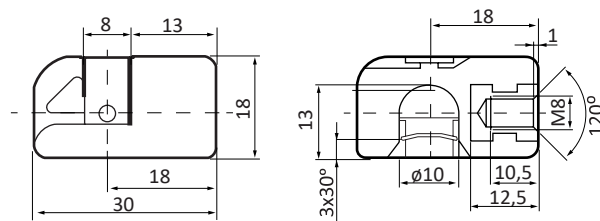
A808

M8
Ø olhal 10 mm



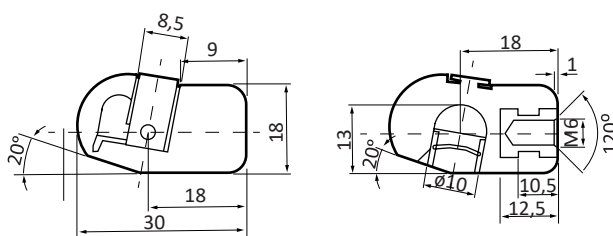
A810

M8
Comprimento 18 mm
Cabeça 10 mm



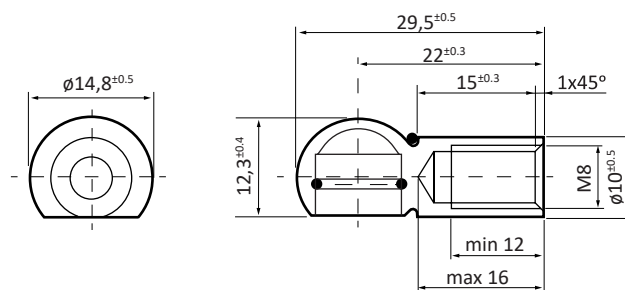
A812

M8
Comprimento 18 mm
Cabeça 10 mm



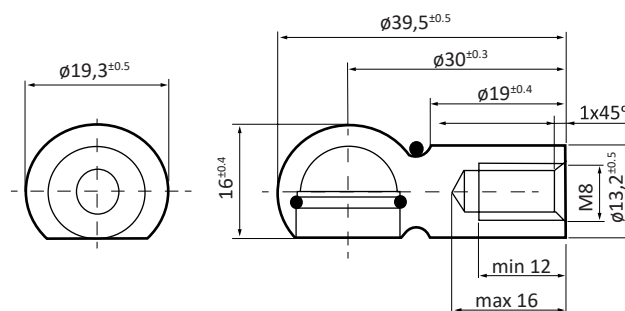
A813

M8
Comprimento 22 mm
Cabeça 10 mm



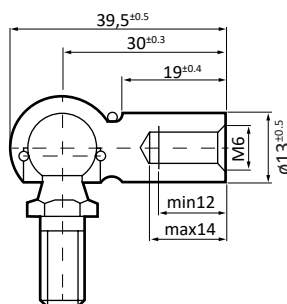
A814

M8
Comprimento 30 mm
Cabeça 13 mm



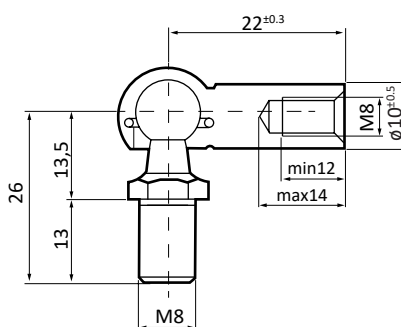
A823

M8
 Comprimento 30 mm
 Cabeça de 13 / Haste 8



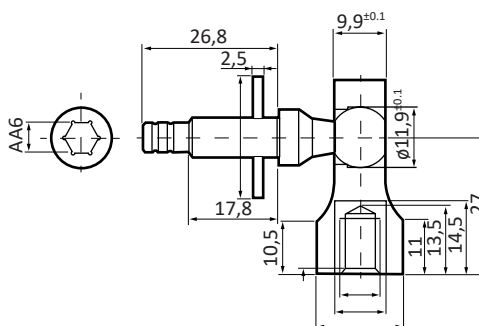
A824

M8
 Comprimento 22 mm
 Cabeça de 13 / Haste 8



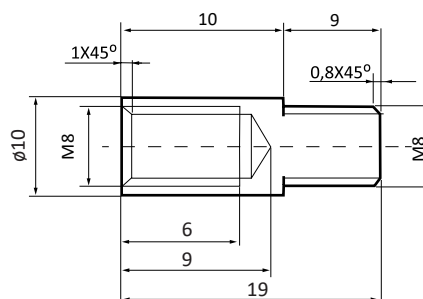
A825

M8
 Comprimento 27 mm

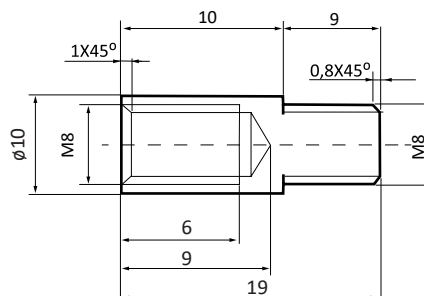


A830

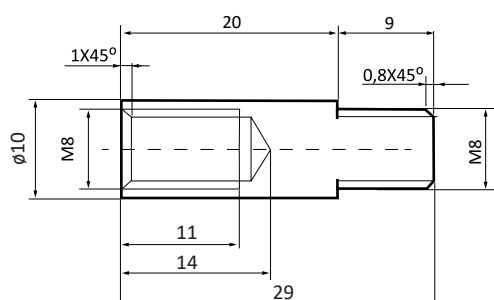
M8
 Extensor 10 mm



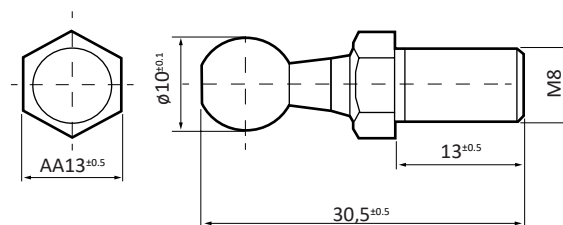
A831
 M8
 Extensor 15 mm



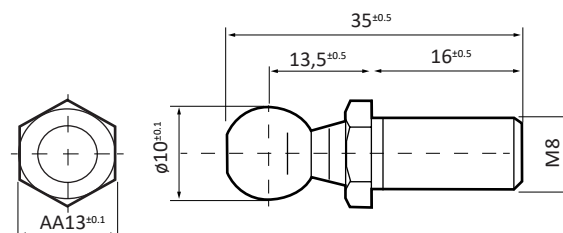
A832
 M8
 Extensor 20 mm



A850
 M8
 Comprimento 13 mm
 Cabeça 10 mm

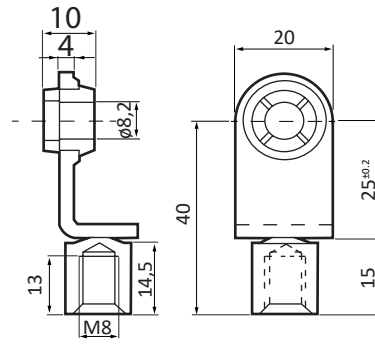


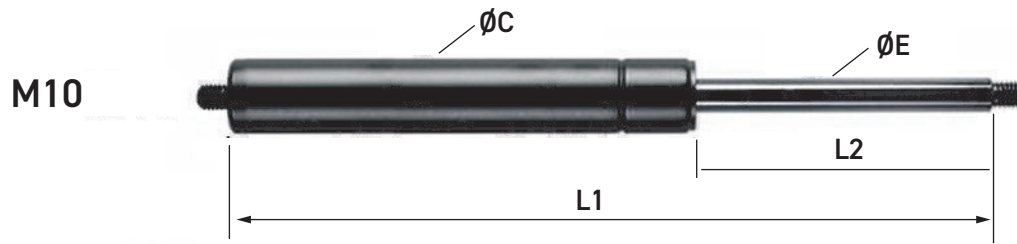
A851
 M8
 Comprimento 13 mm
 Cabeça 13 mm



A860

M8
Ø olhal 8 mm





REF.	L1: TOTAL	L2: HASTE	F: (NEWTONS)
A10350800	350	120	800
A10350900	350	120	900
A103501000	350	120	1000
A103501200	350	120	1200
A103501300	350	120	1300
A103501500	350	120	1500

REF.	L1: TOTAL	L2: HASTE	F: (NEWTONS)
A10400800	400	145	800
A10400900	400	145	900
A104001000	400	145	1000
A104001200	400	145	1200
A104001300	400	145	1300
A104001500	400	145	1500

REF.	L1: TOTAL	L2: HASTE	F: (NEWTONS)
A10450800	450	170	800
A10450900	450	170	900
A104501000	450	170	1000
A104501200	450	170	1200
A104501300	450	170	1300
A104501500	450	170	1500

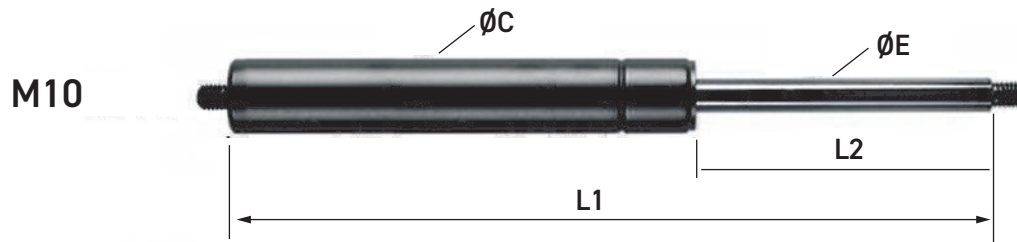
REF.	L1: TOTAL	L2: HASTE	F: (NEWTONS)
A10500800	500	195	800
A10500900	500	195	900
A105001000	500	195	1000
A105001200	500	195	1200
A105001300	500	195	1300
A105001500	500	195	1500

REF.	L1: TOTAL	L2: HASTE	F: (NEWTONS)
A10550800	550	220	800
A10550900	550	220	900
A105501000	550	220	1000
A105501200	550	220	1200
A105501300	550	220	1300
A105501500	550	220	1500
A105502000	550	220	2000

REF.	L1: TOTAL	L2: HASTE	F: (NEWTONS)
A10580800	580	235	800
A10580900	580	235	900
A105801000	580	235	1000
A105801200	580	235	1200
A105801300	580	235	1300
A105801500	580	235	1500

REF.	L1: TOTAL	L2: HASTE	F: (NEWTONS)
A10600800	600	245	800
A10600900	600	245	900
A106001000	600	245	1000
A106001200	600	245	1200
A106001300	600	245	1300
A106001500	600	245	1500

REF.	L1: TOTAL	L2: HASTE	F: (NEWTONS)
A10630800	630	270	800
A10630900	630	270	900
A106301000	630	270	1000
A106301200	630	270	1200
A106301300	630	270	1300
A106301500	630	270	1500



REF.	L1: TOTAL	L2: HASTE	F: (NEWTONS)
A10650800	650	270	800
A10650900	650	270	900
A106501000	650	270	1000
A106501200	650	270	1200
A106501300	650	270	1300
A106501500	650	270	1500

REF.	L1: TOTAL	L2: HASTE	F: (NEWTONS)
A10680800	680	295	800
A10680900	680	295	900
A106801000	680	295	1000
A106801200	680	295	1200
A106801300	680	295	1300
A106801500	680	295	1500

REF.	L1: TOTAL	L2: HASTE	F: (NEWTONS)
A10700800	700	295	800
A10700900	700	295	900
A107001000	700	295	1000
A107001200	700	295	1200
A107001300	700	295	1300
A107001500	700	295	1500

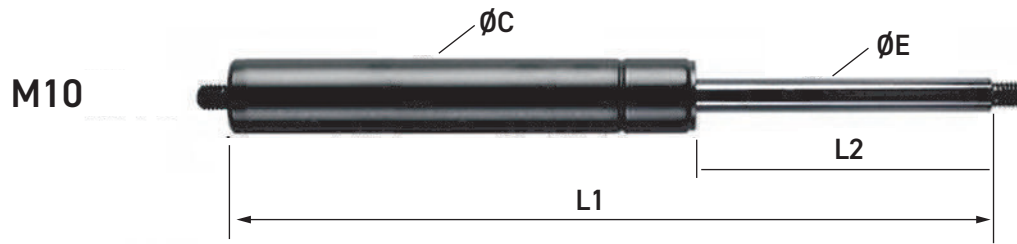
REF.	L1: TOTAL	L2: HASTE	F: (NEWTONS)
A10725800	725	320	800
A10725900	725	320	900
A107251000	725	320	1000
A107251200	725	320	1200
A107251300	725	320	1300
A107251500	725	320	1500

REF.	L1: TOTAL	L2: HASTE	F: (NEWTONS)
A10750800	750	320	800
A10750900	750	320	900
A107501000	750	320	1000
A107501200	750	320	1200
A107501300	750	320	1300
A107501500	750	320	1500

REF.	L1: TOTAL	L2: HASTE	F: (NEWTONS)
A10775800	775	340	800
A10775900	775	340	900
A107751000	775	340	1000
A107751200	775	340	1200
A107751300	775	340	1300
A107751500	775	340	1500

REF.	L1: TOTAL	L2: HASTE	F: (NEWTONS)
A10800800	800	345	800
A10800900	800	345	900
A108001000	800	345	1000
A108001100	800	345	1100
A108001200	800	345	1200
A108001300	800	345	1300
A108001500	800	345	1500
A108002100	800	345	2100

REF.	L1: TOTAL	L2: HASTE	F: (NEWTONS)
A10825800	825	360	800
A10825900	825	360	900
A108251000	825	360	1000
A108251200	825	360	1200
A108251300	825	360	1300
A108251500	825	360	1500
A108252100	825	360	2100



REF.	L1: TOTAL	L2: HASTE	F: (NEWTONS)
A10850800	850	370	800
A10880900	850	370	900
A108501000	850	370	1000
A108501200	850	370	1200
A108501300	850	370	1300
A108501500	850	370	1500
A108502100	850	370	2100

REF.	L1: TOTAL	L2: HASTE	F: (NEWTONS)
A10875800	875	385	800
A10875900	875	385	900
A108751000	875	385	1000
A108751200	875	385	1200
A108751300	875	385	1300
A108751500	875	385	1500
A108752100	875	385	2100

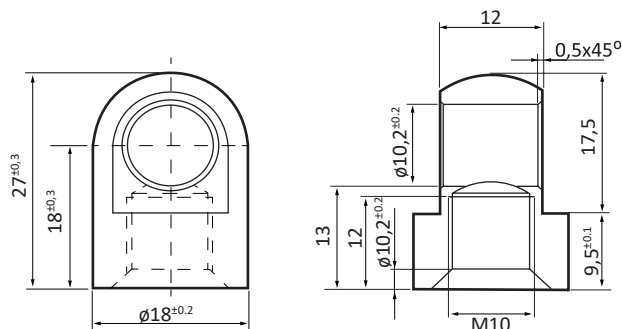
REF.	L1: TOTAL	L2: HASTE	F: (NEWTONS)
A10900800	900	395	800
A10900900	900	395	900
A109001000	900	395	1000
A109001200	900	395	1200
A109001300	900	395	1300
A109001500	900	395	1500
A109002100	900	395	2100

REF.	L1: TOTAL	L2: HASTE	F: (NEWTONS)
A10925800	925	410	800
A10925900	925	410	900
A109251000	925	410	1000
A109251200	925	410	1200
A109251300	925	410	1300
A109251500	925	410	1500
A109252100	925	410	2100

REF.	L1: TOTAL	L2: HASTE	F: (NEWTONS)
A10950800	950	420	800
A10950900	950	420	900
A109501000	950	420	1000
A109501200	950	420	1200
A109501300	950	420	1300
A109501500	950	420	1500
A109502100	950	420	2100

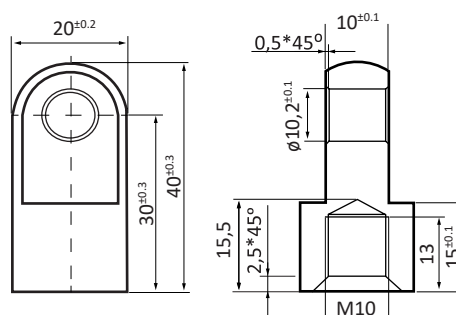
A100

M10
Comprimento 18
Ø olhal 10 mm



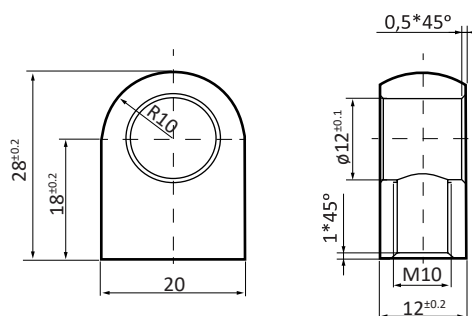
A101

M10
Comprimento 30
Ø olhal 10 mm



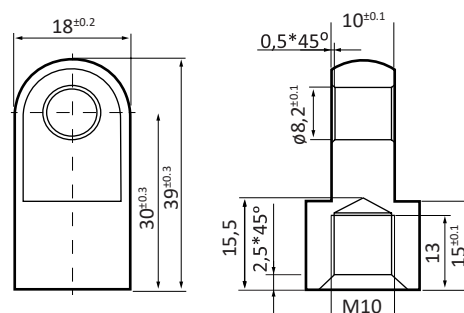
A102

M10
Comprimento 18
Ø olhal 12 mm



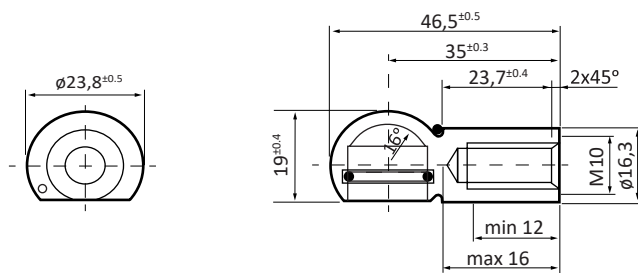
A103

M10
Comprimento 30
Ø olhal 8 mm



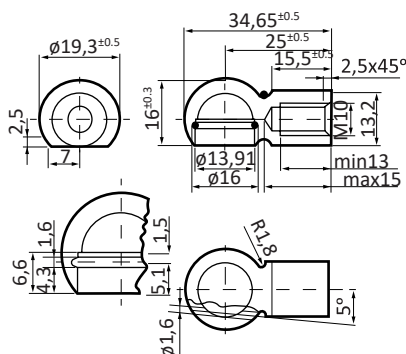
A115

M10
Comprimento 40
Ø olhal 8 mm



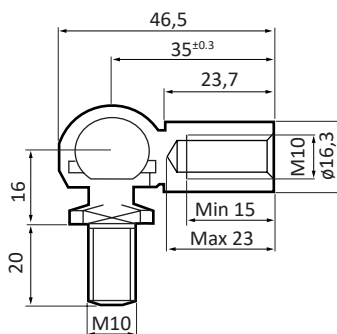
A116

M10
Comprimento 40
Ø olhal 10 mm



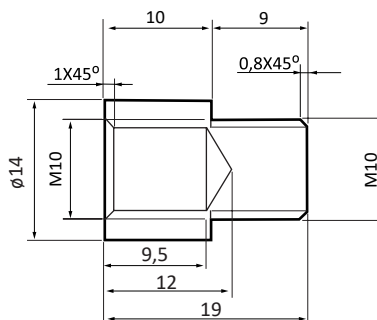
A122

M10
Ø bulón 10

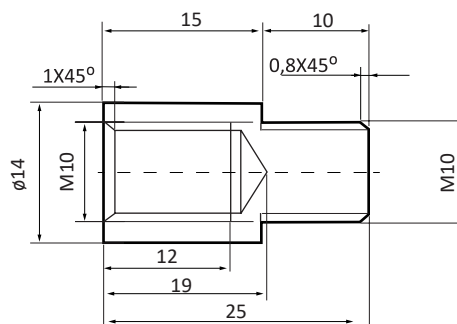


A130

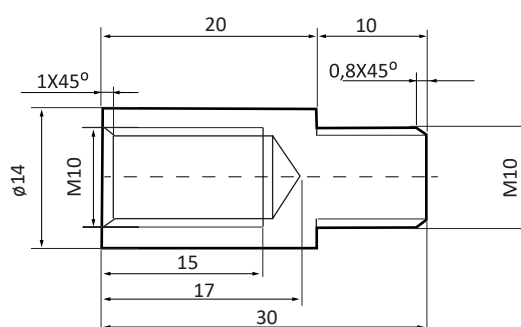
M10
Comprimento 30
Cabeça 13



A131
M10
Extensor 15 mm



A132
M10
Extensor 20 mm



A151
M10
Comprimento 13
Cabeça 13

