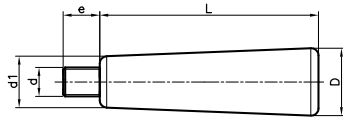


Revolving & Fixed Handles

Page		Page		Page	
49		52		55	
49		52		55	
49		52		55	
49		53		56	
50		53		56	
50		53			
50		53			
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51		54			
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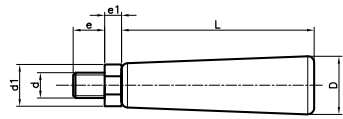
1136 FIXED HANDLE WITH THREADED STUD



Code	D	d	d1	L	e	Color
113620501	20	M6	13	45	15	Black
113624501	24	M8	16	53	15	Black
113625501	25	M10	19	76	15	Black
113628501	28	M12	21	92	15	Black

Fixed handle.
Treated threaded steel stud.
PF: Black Duroplast FS 31 DIN 7708.

1137 REVOLVING HANDLE 1137 WITH THREADED STUD



Code	D	d	d1	L	e	e1	Color
113720501	20	M6	13	45	12	5	Black
113724501	24	M8	16	53	15	5,5	Black
113725501	25	M10	19	76	15	6,5	Black
113728501	28	M12	21	92	15	7	Black

Revolving handle.
Treated threaded steel stud.
PF: Black Duroplast FS 31 DIN 7708.

1141 REVOLVING PLAIN HANDLE WITH THREADED STUD



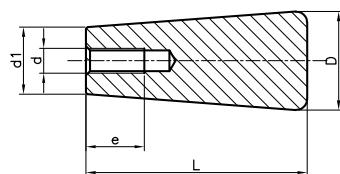
Black Code	Orange Code	Red Code	Blue Code	Yellow Code	D	L	d	e	e1
114115501	114115541	114115551	114115521	114115531	15	50	M6	11	5
114117501	114117541	114117551	114117521	114117531	17	60	M8	13	6
114120501	114120541	114120551	114120521	114120531	20	70	M10	18	7
114123501	114123541	114123551	114123521	114123531	23	80	M12	19	8

Treated threaded steel stud.
Black PP and caps on the following colours:
black, orange, red, blue and yellow.



- RAL 7021
- RAL 2004
- RAL 3001
- RAL 5005
- RAL 1021

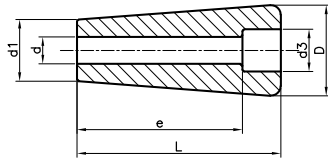
1144C TAPERED HAND KNOB C WITH THREADED HOLE



Code	D	L	d	e	d1	Color
114410101	10	85	W 5/32"	10	8	Black
114413101	13	30	M5	10	10	Black
114420101	20	45	M6	14	13	Black
114424101	24	53	M6	14	16	Black
114425101	25	76	M8	20	19	Black
114428101	28	92	M10	22	21	Black
114430101	30	132	M12	25	23,5	Black

Molded thread.
PF: Black Duroplast FS 31 DIN 7708.

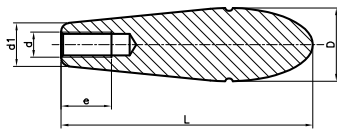
1144P TAPERED HAND KNOB P WITH SMOOTH DRILL OUT HOLE



Code	D	L	d	e	d1	d3	Color
114413201	13	30	5	23,2	10	8,5	Black
114415201	15	50	6	40	12	8,8	Black
114417201	17	60	8	48	14	10	Black
114420201	20	45	6	37,5	13	9,7	Black
114421201	20	70	8	56	16	10,8	Black
114423201	23	80	10	65	18,5	14	Black
114424201	24	53	7	43	16	11	Black

Molded hole.
PF: Black Duroplast FS 31 DIN 7708.

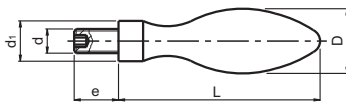
1145 BR HAND KNOB WITH THREADED HOLE



Code	D	L	d	e	d1	Color
114535101	35	95	M12	24	20	Black
114539101	35	120	M12	24	20	Black

Molded thread.
PF: Black Duroplast FS 31 DIN 7708.

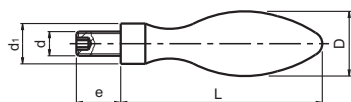
3310 DIN 39-E FIXED ALUMINIUM HANDLE T WITH THREADED STUD



Code	D	d	d1	L	e	Finish
331016501	16	M6	10	52	11	Polished
331020501	20	M8	13	70	13	Polished
331025501	25	M10	16	83	14	Polished
331032501	32	M12	20	100	16	Polished

Threaded steel stud.
AL: Polished aluminium.

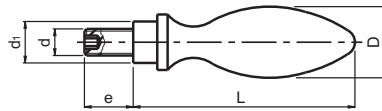
3311 DIN 39-E FIXED POLYAMIDE HANDLE T WITH THREADED STUD



Code	D	d	d1	L	e	Color
331120501	20	M8	13	64	13	Black
331125501	25	M10	16	80	14	Black
331132501	32	M12	20	100	21	Black

Threaded steel stud.
PA: Reinforced polyamide.

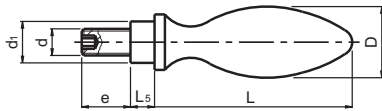
3312 DIN 98-E ALUMINIUM REVOLVING HANDLE T WITH THREADED STUD



Code	D	d	d1	L	e	Finish
331216501	16	M6	10	54	11	Polished
331220501	20	M8	13	67	12	Polished
331225501	25	M10	16	83	13	Polished
331232501	32	M12	20	105	16	Polished
331236501	36	M16	22	117	26	Polished

Threaded steel stud.
AL: Polished aluminium.

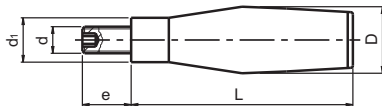
3313 DIN 98-E POLYAMIDE REVOLVING HANDLE T WITH THREADED STUD



Code	D	d	d1	L	e	L5	Color
331316501	16	M6	10	49	11	5.5	Black
331320501	20	M8	13	61	13	6	Black
331325501	25	M10	16	75	14	8	Black
331332501	32	M12	20	95	21	10.5	Black

Threaded steel stud.
PA: Reinforced polyamide.

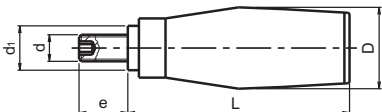
3314 FIXED ALUMINIUM HANDLE T WITH THREADED STUD



Code	D	d	d1	L	e	Finish
331416501	16	M6	10	50	11	Polished
331420501	20	M8	13	64	13	Polished
331425501	25	M10	16	80	14	Polished
331432501	32	M12	20	100	16	Polished

Threaded steel stud.
AL: Polished aluminium.

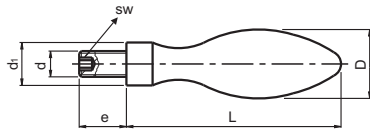
3316 REVOLVING ALUMINIUM HANDLE WITH THREADED STUD



Code	D	d	d1	L	e	Finish
331616501	18	M6	10	43	11	Polished
331620501	20	M8	13	64	13	Polished
331625501	25	M10	16	75	14	Polished
331632501	32	M12	20	95	16	Polished

Threaded steel stud.
AL: Polished aluminium.

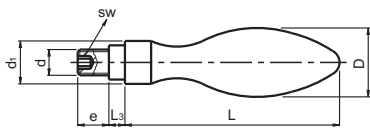
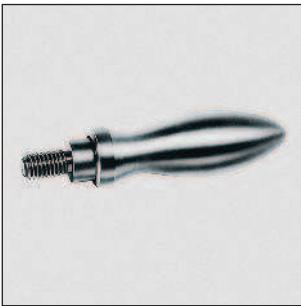
3710 DIN 39-E FIXED STEEL HANDLE T WITH THREADED STUD



Code	D	L	d	d1	e	sw	Finish
371016506	16	50	M6	10	11	3	Polished
371020508	20	64	M8	13	13	4	Polished
371025510	25	80	M10	16	14	5	Polished
371032512	32	100	M12	20	16	6	Polished
371036516	36	112	M16	22	26	8	Polished

Threaded steel stud.
Fe: Steel, turned, zinc plated.

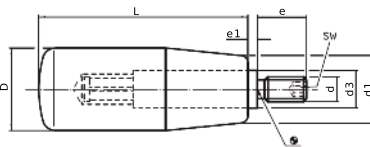
3712 DIN 98-E REVOLVING STEEL HANDLE T WITH THREADED STUD



Code	D	d	d1	L	e	L3	sw	Finish
371216506	16	M6	14	49	11	5.5	3	Polished
371220508	20	M8	18	61	13	6	4	Polished
371225510	25	M10	21	75	14	8	5	Polished
371232512	32	M12	26	95	21	10.5	6	Polished
371236516	36	M16	29	106	26	11	8	Polished

Threaded steel stud.
Fe: Steel, turned, zinc plated.

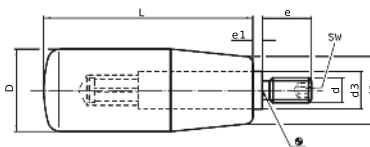
3738 REVOLVING HANDLE 3738 WITH THREADED STUD



Code	D	L	d1	d3	d	e	e1	sw	Color
373800010	18	40	15	10	M6	12	2,5	3	Black
373800020	21	50	17	10	M6	13	2,5	3	Black
373800031	22	56	18	10	M8	13	2,5	4	Black
373800041	23	65	19	13	M10	14	2,5	5	Black
373800051	26	80	21	13	M10	16	2,5	5	Black
373800071	31	102	25	14	M12	20	2,5	6	Black

Treated threaded steel stud.
PF: Black Duroplast FS 31 DIN 77.

3738 REVOLVING HANDLE 3738 WITH THREADED SS STUD



Code	D	L	d1	d3	d	e	e1	sw	Color
373800210	18	40	15	10	M6	12	2,50	3	Black
373800220	21	50	17	10	M6	13	2,50	3	Black
373800240	23	65	19	13	M8	14	2,50	4	Black
373800251	26	80	21	13	M10	16	2,50	5	Black
373800271	31	102	25	14	M12	20	2,50	6	Black

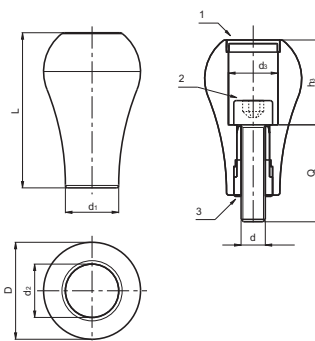


Threaded Stainless steel stud.
PF: Black Duroplast FS 31 DIN 7708.

4708 EM REVOLVING HANDLE WITH SCREW

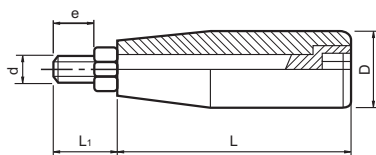


Code	D	d	L	d1	d2	d3	Q	h3	Color	Cap
470806010	40	M10	64	23	22	20.5	40	34.5	Black	Grey



Internal bush (3) and screw (2) DIN 912 steel zinc-coated.
PA: Black polyamide and cap (1) grey (RAL 7035).
Supplied not mounted.

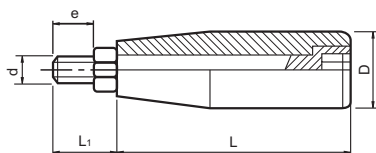
4733 REVOLVING HANDLE TRCA 144T WITH THREADED STUD



Code	D	d	L	L1	e	Color
473305006	19	M6	49	14	9	Black
473306008	21	M8	59	21	15	Black
473307008	23	M8	68	24	16	Black
473308010	25	M10	78	23	15	Black
473309012	28	M12	88	24	17	Black

Threaded steel stud blackened.
PA: Black polyamide.

4733 REVOLVING HANDLE TRCA 144T WITH THREADED SS STUD



INOX
Stainless
Steel

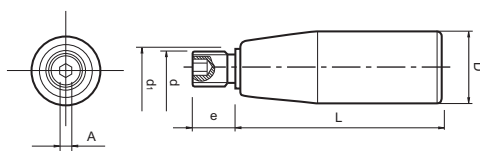
Code	D	d	L	L1	e	Color
473305106	19	M6	49	14	9	Black
473306108	21	M8	59	21	15	Black
473307108	25	M8	68	24	16	Black
473308110	27	M10	78	22	15	Black
473309112	28	M12	88	24	17	Black

Stainless-steel stud and nut AISI 304.
PA: Black polyamide.

4734 REVOLVING HANDLE TMP T WITH THREADED STUD

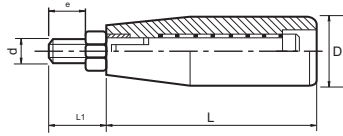


Code	D	d1	d	L	e	A	Color
473405006	20	11	M6	52	12	3	Black
473406008	23	14	M8	62	15	4	Black
473407008	25	14	M8	72	15	4	Black
473407010	25	14	M10	72	15	5	Black
473408010	26	14	M10	82	15	5	Black
473409012	28	14	M12	92	15	6	Black



Zinc-coated steel stud.
PA: Polyamide.

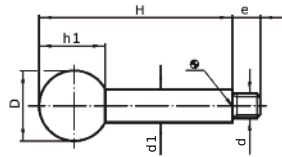
4735 REVOLVING & FOLD AWAY HANDLE 136T WITH THREADED STUD



Code	D	d	L	L1	e	Color
473505006	20	M6	50	14	9	Black
473507008	25	M8	70	16	10	Black
473508010	25	M10	82	23	17	Black
473509010	25	M10	90	23	17	Black

Threaded steel stud, blackened.
PA: Polyamide.

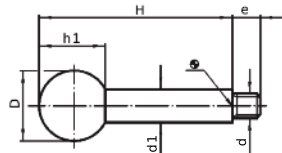
3802T GEAR LEVER HANDLE WITH THREADED STUD



Code	d1	H	d	e	D	h1	Finish
380200022	8	80	M6	9	20	18	Blackened
380200032	10	100	M8	11	25	22.5	Blackened
380200042	12	125	M10	14	32	29	Blackened
380200052	14	160	M12	16	35	32.5	Blackened
380200062	16	200	M14	18	40	37	Blackened

Threaded stud.
Fe: Steel, blackened.
Ball knob (DIN 319): Black Duroplast PF 31.

3802T SS GEAR LEVER HANDLE WITH SS THREADED STUD



Code	d1	H	d	e	D	h1	Finish
380200522	8	80	M6	9	20	18	Dull Blasted
380200532	10	100	M8	11	25	22.5	Dull Blasted
380200542	12	125	M10	14	32	29	Dull Blasted
380200552	14	160	M12	16	35	32.5	Dull Blasted

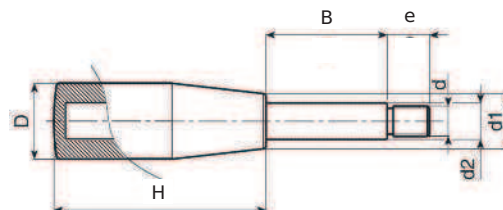
Threaded stud.
SS: Stainless Steel.
Ball knob (DIN 319): Black Duroplast PF 31.

4743T HANDLE WITH THREADED LEVER ARM



Code	D	H	d	e	d1	d2	B	Color
474320502	20	50	M8	10	15	10	45	Black
474323502	23	60	M10	15	17	12	50	Black
474325501	25	70	M12	15	19	12	50	Black
474326502	25	80	M12	15	20	14	90	Black
474327503	27	91	M14	17	22.5	16	100	Black

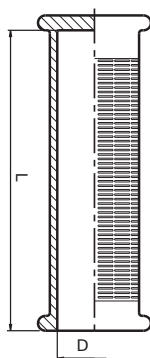
Threaded zinc plated steel stud.
PA: Reinforced black polyamide.



4142 HANDLE 4142 P

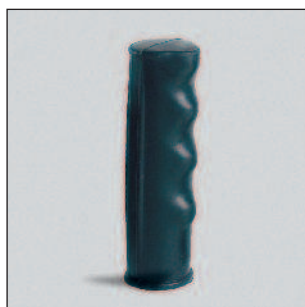


Rubber.

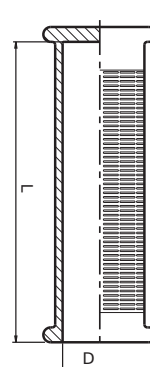


Code	D	L	Color
414225103	25	103	Black
414227103	27	103	Black
414230103	30	103	Black

4143 HANDLE 4143 P



Rubber.

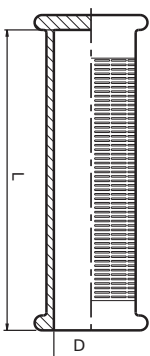


Code	D	L	Color
414330125	30	125	Black

4144 HANDLE 4144 P



PVC

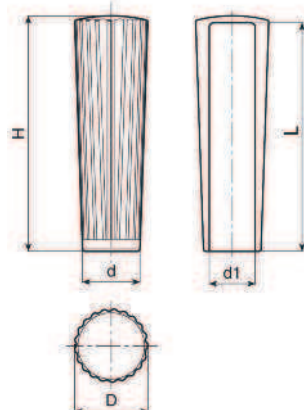


Code	D	L	Color
414422105	22	105	Black
414424105	24	105	Black

4717 HANDLE 4717 P

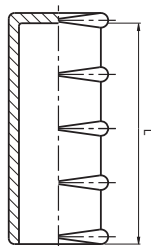


PE: Polyethylene.



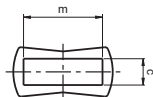
Code	D	d1	d	H	L	Color
471710101	32	20	25	104	100	Black

4718 HANDLE 4718 P

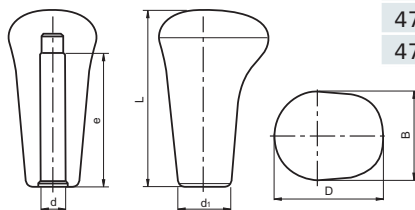


Code	L	c	m	Color
471807305	74	5,5	20,5	Black
471807306	74	6,5	20,5	Black
471807308	74	9	20,5	Black
471807310	74	10	20,5	Black
471810310	93	10,5	28,5	Black
471810312	93	10,5	29,5	Black

PE: Polyethylene.



4709 HANDLE PM



Code	D	B	d	d1	e	L	Color
470908012	50	40	12	26	75	80	Black
470908014	50	40	14	26	75	80	Black
470908016	50	40	16	26	75	80	Black

PA: Reinforced polyamide.

NEW RANGE OF GRIPS



New catalogue with more than 400 codes that will cover all your needs.




For a copy of the catalogue, please ask us.

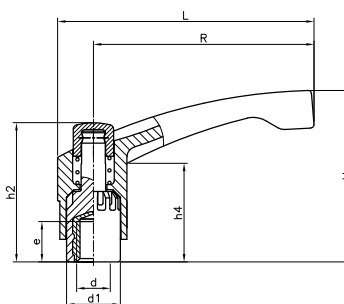
Clamping Levers & Cranking Handles

Page		Page		Page	
57		62		65	
57		62		65	
58		62		65	
59		62		66	
59		63			
60		63			
60		63			
60		63			
61		64			
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61		64			
61		65			

1198K ADJUSTABLE HANDLE K WITH THREADED INSERT



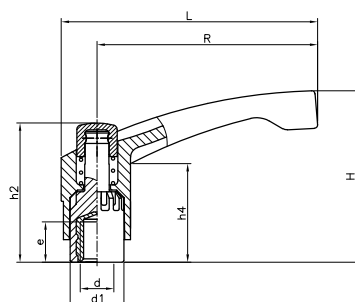
-  RAL 7021
-  RAL 7021 + RAL 2004
-  RAL 2004 + RAL 7021



Threaded brass insert.
PA: Reinforced Polyamide.
Spring in stainless-steel.

Code Black Body / Black Cap	Code Black Body / Orange Cap	Code Orange Body / Black Cap	R	L	H	d	e	h4	d1	h2
119841301	119842301	119843301	43	51	38	M4	8	23	13	33
119841302	119842302	119843302	43	51	38	M5	9	23	13	33
119841303	119842303	119843303	43	51	38	M6	10	23	13	33
119861301	119862301	119863301	65	75	48	M6	10	26	16	42
119861302	119862302	119863302	65	75	48	M8	14	26	16	42
119861303	119862303	119863303	65	75	48	M10	13	26	16	42
119881301	119882301	119883301	85	98	63	M8	14	34	20	51
119881302	119882302	119883302	85	98	63	M10	17	34	20	51
119881303	119882303	119883303	85	98	63	M12	19	34	20	51

1198K ADJUSTABLE HANDLE K WITH THREADED SS INSERT



Threaded female stainless-steel
AISI-303 insert.
PA: Reinforced Polyamide.
Spring in stainless-steel.




Code	R	L	H	d	e	h4	d1	h2	Color
119841305	43	51	38	M6	10	23	13	33	Black
119861305	65	75	48	M6	10	26	16	42	Black
119861306	65	75	48	M8	14	26	16	42	Black
119881305	85	98	63	M10	17	34	20	51	Black

 RAL 7021

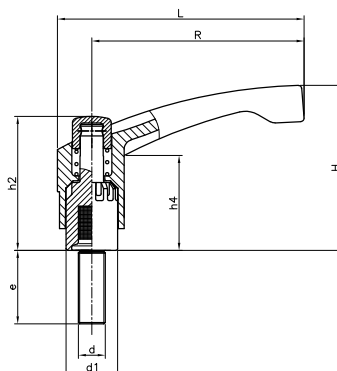
INOX
Stainless
Steel

1198T ADJUSTABLE HANDLE T WITH THREADED STUD



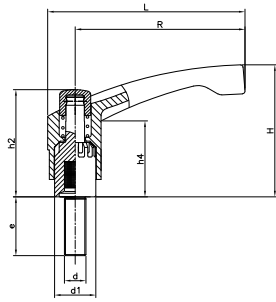
-  RAL 7021
-  RAL 7021 + RAL 2004
-  RAL 2004 + RAL 7021

Treated threaded steel stud.
PA: Reinforced Polyamide.
Spring in stainless-steel.



Code Black Body / Black Cap	Code Black Body / Orange Cap	Code Orange Body / Black Cap	R	L	H	d	e	h4	d1	h2
119841503	119842503	119843503	43	51	38	M5	10	23	13	33
119841504	119842504	119843504	43	51	38	M5	20	23	13	33
119841505	119842505	119843505	43	51	38	M6	15	23	13	33
119841506	119842506	119843506	43	51	38	M6	25	23	13	33
119841507	119842507	119843507	43	51	38	M6	40	23	13	33
119861501	119862501	119863501	65	75	48	M6	15	26	16	42
119861502	119862502	119863502	65	75	48	M6	20	26	16	42
119861503	119862503	119863503	65	75	48	M6	30	26	16	42
119861504	119862504	119863504	65	75	48	M6	40	26	16	42
119861523	119862523	119863523	65	75	48	M8	15	26	16	42
119861506	119862506	119863506	65	75	48	M8	20	26	16	42
119861507	119862507	119863507	65	75	48	M8	33	26	16	42
119861508	119862508	119863508	65	75	48	M8	47	26	16	42
119861511	119862511	119863511	65	75	48	M10	20	26	16	42
119861512	119862512	119863512	65	75	48	M10	30	26	16	42
119861513	119862513	119863513	65	75	48	M10	40	26	16	42
119881501	119882501	119883501	85	98	63	M8	20	34	20	51
119881502	119882502	119883502	85	98	63	M8	33	34	20	51
119881503	119882503	119883503	85	98	63	M8	47	34	20	51
119881504	119882504	119883504	85	98	63	M10	20	34	20	51
119881505	119882505	119883505	85	98	63	M10	30	34	20	51
119881506	119882506	119883506	85	98	63	M10	40	34	20	51
119881507	119882507	119883507	85	98	63	M12	30	34	20	51
119881508	119882508	119883508	85	98	63	M12	40	34	20	51
119881509	119882509	119883509	85	98	63	M12	60	34	20	51

1198T ADJUSTABLE HANDLE T WITH THREADED SS STUD



Code	R	L	H	d	e	h4	d1	h2	Color
119841508	43	51	38	M6	15	23	13	33	Black
119861515	65	75	48	M6	15	26	16	42	Black
119861516	65	75	48	M8	20	26	16	42	Black
119861517	65	75	48	M8	40	26	16	42	Black
119881515	85	98	63	M10	20	34	20	51	Black
119881516	85	98	63	M10	30	34	20	51	Black
119881517	85	98	63	M12	30	34	20	51	Black
119881518	85	98	63	M12	50	34	20	51	Black

Threaded stainless-steel
AISI-303 stud.
PA: Reinforced Polyamide.
Spring in stainless-steel.

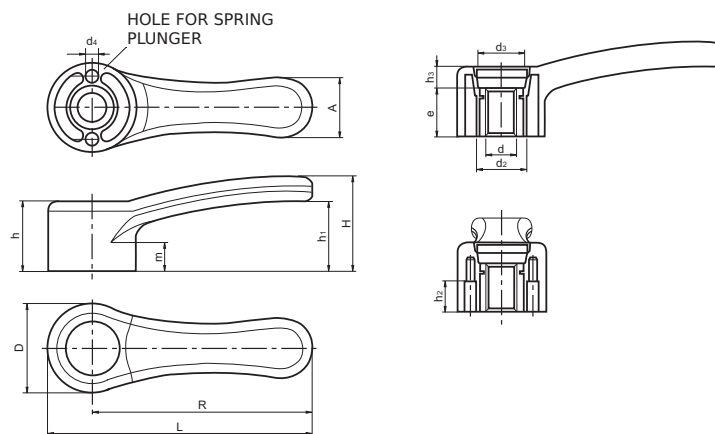


4749 FIXED LEVER K WITH THREADED INSERT

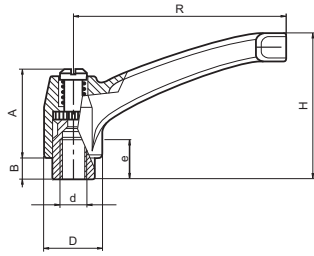


Code	R	D	H	d	L	e	h	h1	h2	h3	m	A	d2	d3	d4	Color	Cap
474906301	68	33	37	M6	84.5	16	25	27	12	9	12	20	20	16	4	Black	Grey
474906302	68	33	37	M8	84.5	16	25	27	12	9	12	20	20	16	4	Black	Grey
474908302	86	36	40	M8	104	16	28	29	12	12	13	24	22	18	5	Black	Grey
474908301	86	36	40	M10	104	16	28	29	12	12	13	24	22	18	5	Black	Grey
474911301	112	45	47	M12	134.5	24	36	35	15	12	16	30	26	23.5	6	Black	Grey
474914301	142	55	52	M16	169.5	27	40	36	19	13	17.5	37	32	28	8	Black	Grey

Zinc plated steel threaded bush.
PA: Lever and cap made of reinforced
polyamide.
Lever body is colour black and cap is
grey (RAL 7035).



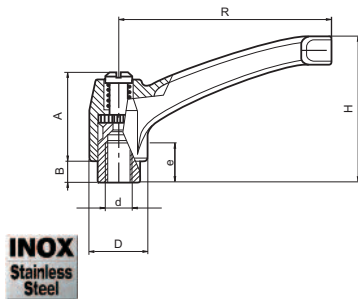
4750C INDEXED CLAMPING LEVER 4750 C WITH FEMALE THREAD



Black oxide treated steel insert with female threaded hole.
Die Cast Zamak lever body, black RAL 9005.
For other threads and colours (orange RAL 2004, grey RAL 7031), please ask.

Code	R	H	A	B	D	d	Color
475004301	43	30	24	5	14	M4	Black
475004302	43	30	24	5	14	M5	Black
475004303	43	30	24	5	14	M6	Black
475006302	65	45	27	7	19	M6	Black
475006301	65	45	27	7	19	M8	Black
475008303	80	56	33	8	22	M8	Black
475008302	80	56	33	8	22	M10	Black
475008301	80	56	33	8	22	M12	Black
475009301	94	65	39	10	26	M10	Black
475009303	94	65	39	10	26	M12	Black
475009302	94	65	39	10	26	M16	Black
475010301	108	77	41	12	30	M16	Black

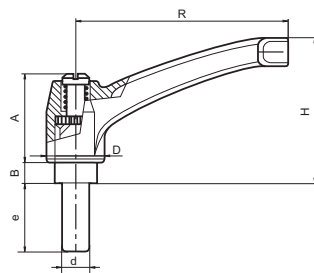
4750C INDEXED CLAMPING LEVER 4750 C WITH SS THREADED HOLE



Stainless steel insert with female threaded hole (AISI 303). Fixing screw (AISI 304). Spring (AISI 302).
Die Cast Zamak lever body, black RAL 9005.
For other threads and colours (orange RAL 2004, grey RAL 7031), please ask.

Code	R	H	A	B	D	d	e	Color
475004312	43	30	24	5	14	M5	9	Black
475004313	43	30	24	5	14	M6	9	Black
475006312	65	45	27	7	19	M6	10	Black
475006311	65	45	27	7	19	M8	10	Black
475008313	80	56	33	8	22	M8	14	Black
475008312	80	56	33	8	22	M10	13	Black
475008311	80	56	33	8	22	M12	12	Black
475009313	94	65	39	10	26	M12	20	Black
475010311	108	77	41	12	30	M16	26	Black

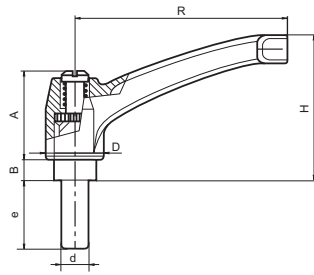
4750T INDEXED CLAMPING LEVER 4750 T WITH THREADED STUD



Black oxide treated steel insert with male threaded stud.
Die Cast Zamak lever body, black RAL 9005.
For other threads and colours (orange RAL 2004, grey RAL 7031), please ask.

Code	R	H	A	B	D	d	e	Color
475004505	43	30	24	5	14	M5	15	Black
475004508	43	30	24	5	14	M5	30	Black
475004509	43	30	24	5	14	M6	15	Black
475004511	43	30	24	5	14	M6	25	Black
475004513	43	30	24	5	14	M6	40	Black
475006512	65	45	27	7	19	M6	20	Black
475006514	65	45	27	7	19	M6	30	Black
475006502	65	45	27	7	19	M8	15	Black
475006501	65	45	27	7	19	M8	30	Black
475006508	65	45	27	7	19	M8	45	Black
475008501	80	56	33	8	22	M8	20	Black
475008505	80	56	33	8	22	M8	40	Black
475008507	80	56	33	8	22	M10	20	Black
475008511	80	56	33	8	22	M10	40	Black
475009517	94	65	39	10	26	M12	20	Black
475009504	94	65	39	10	26	M12	35	Black
475009507	94	65	39	10	26	M12	50	Black
475009515	94	65	39	10	26	M16	30	Black
475009501	94	65	39	10	26	M16	50	Black
475010501	108	77	41	12	30	M16	40	Black
475010502	108	77	41	12	30	M16	60	Black

4750T INDEXED CLAMPING LEVER 4750 T WITH SS THREADED STUD

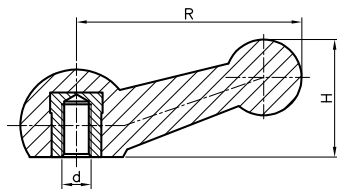


Stainless steel insert with threaded stud (AISI 303).
 Fixing screw (AISI 304). Spring (AISI 302).
 Die Cast Zamak lever body, black RAL 9005.
 For other threads and colours (orange RAL 2004,
 grey RAL 7031), please ask.

Code	R	H	A	B	D	d	e	Color
475004521	43	30	24	5	14	M5	16	Black
475004523	43	30	24	5	14	M5	30	Black
475004524	43	30	24	5	14	M6	16	Black
475004526	43	30	24	5	14	M6	30	Black
475006524	65	45	27	7	19	M8	16	Black
475006526	65	45	27	7	19	M8	30	Black
475006528	65	45	27	7	19	M10	20	Black
475006530	65	45	27	7	19	M10	40	Black
475008528	80	56	33	8	22	M12	20	Black
475008530	80	56	33	8	22	M12	50	Black
475009521	94	65	39	10	26	M12	30	Black
475010522	108	77	41	12	30	M16	20	Black
475010523	108	77	41	12	30	M16	50	Black



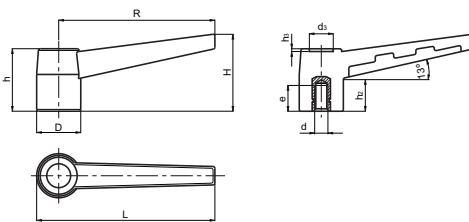
1130 BIBOLA FIXED LEVER



Treated steel insert.
 PA: Reinforced polyamide.

Code	R	H	d	Color
113008302	77	44	M10	Black

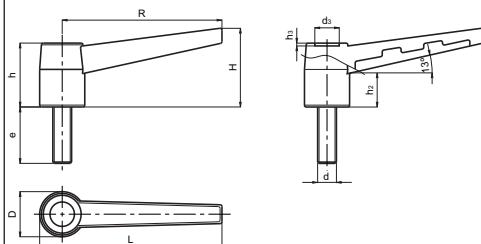
4751K FIXED LEVER 4751 K WITH THREADED INSERT



Brass insert .
 PA: Black reinforced polyamide.

Code	R	L	H	D	h	h2	h3	d3	d	e
475104301	43	50	21.5	15	19	9	1	7	M6	10
475106301	68	78	36	21	28.5	11	2	10	M8	15
475108301	83	93	40	24	34	18	2	13	M10	14

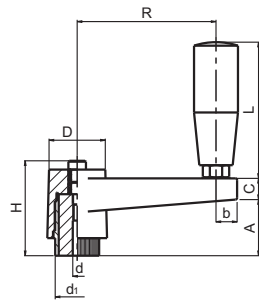
4751T FIXED LEVER 4751 T WITH THREADED STUD



Treated steel stud.
 PA: Black reinforced polyamide.

Code	R	L	H	D	h	h2	h3	d3	d	e
475104501	43	50	21.5	15	19	9	1	7	M6	20
475104502	43	50	21.5	15	19	9	1	7	M6	40
475106501	68	78	36	21	28.5	11	2	10	M8	20
475106502	68	78	36	21	28.5	11	2	10	M8	40
475108501	83	93	40	24	34	18	2	13	M10	20
475108502	83	93	40	24	34	18	2	13	M10	40

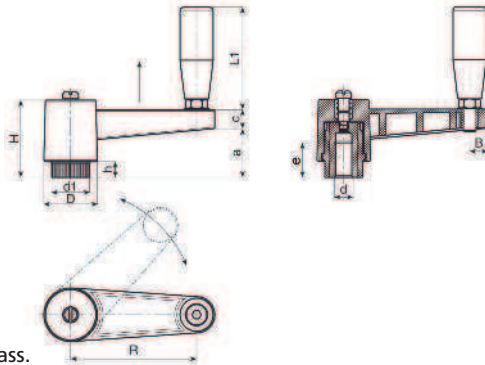
4712 INDEXED CRANK HANDLE BTC G WITH SMOOTH HOLE AND REVOLVING HANDLE



Code	R	H	d1	D	d	C	A	L	b	Color
471206301	65	45	19	27	5	12	24	56	11	Black
471208301	80	52	24	34	5	13	33	66	12	Black
471211301	110	52	24	34	5	14	33	66	13	Black

Central blind treated smooth steel insert.
Side insert for the handle in brass.
PA: Reinforced polyamide.

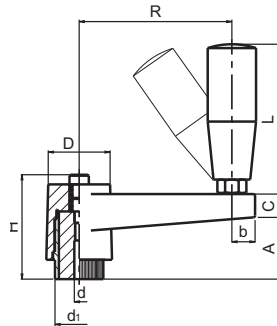
4712K INDEXED CRANK HANDLE BTC K WITH THREADED INSERT AND REVOLVING HANDLE



Code	R	H	d1	D	d	e	C	a	L1	B
471206331	65	46	19	27	M8	18	13	29	56	9
471206332	65	46	19	27	M10	17	13	29	56	9
471206333	65	46	19	27	M12	17	13	29	56	9
471208331	80	50	24	34	M12	22	13	32	66	12
471208332	80	50	24	34	M14	23	13	32	66	12
471208333	80	50	24	34	M16	20	13	32	66	12
471211331	110	50	24	34	M12	20	13	33	66	12
471211332	110	50	24	34	M14	20	13	33	66	12
471211333	110	50	24	34	M16	20	13	33	66	12

Treated threaded steel insert.
Side insert for the handle in brass.
PA: Reinforced Polyamide.

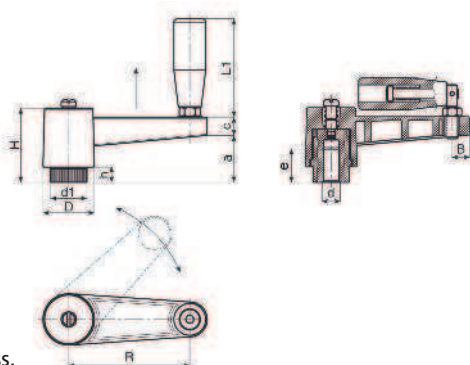
4714 INDEXED CRANK HANDLE BTC G WITH SMOOTH HOLE AND FOLD AWAY REVOLVING HANDLE



Code	R	H	d1	D	d	C	A	L	b	Color
471406381	65	45	19	27	5	12	24	56	11	Black
471408381	80	52	24	34	5	13	33	66	12	Black
471411381	110	52	24	34	5	14	33	66	13	Black

Central blind treated smooth steel insert.
Side insert for the handle in brass.
PA: Reinforced polyamide.

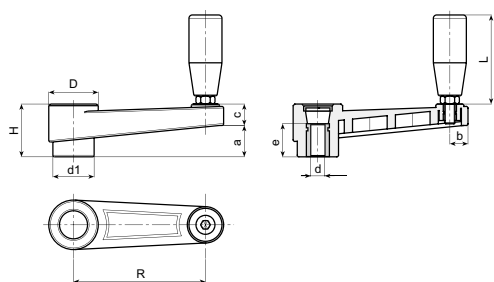
4714K INDEXED CRANK HANDLE BTC K WITH THREADED INSERT AND FOLD AWAY REVOLVING HANDLE



Code	R	H	d1	D	d	e	C	A	L1	B
471406331	65	46	19	27	M8	18	13	29	54	9
471406332	65	46	19	27	M10	17	13	29	54	9
471406333	65	46	19	27	M12	17	13	29	54	9
471408331	80	50	24	34	M12	22	13	32	75	12
471408332	80	50	24	34	M14	23	13	32	75	12
471408333	80	50	24	34	M16	20	13	32	75	12
471411331	110	50	24	34	M12	20	13	33	75	12
471411332	110	50	24	34	M14	20	13	33	75	12
471411333	110	50	24	34	M16	20	13	33	75	12

Treated threaded steel insert.
Side insert for the handle in brass.
PA: Reinforced Polyamide.

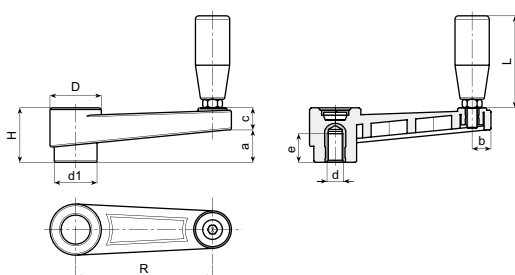
4715 CRANK HANDLE BTC H WITH SMOOTH INSERT AND REVOLVING HANDLE



Code	R	H	d1	D	d	e	c	a	L	b
471506301	65	29	22	27	5	20	13	17	56	10
471508301	80	33	26	31	5	24	13	18	56	11
471511301	110	39	29	34	5	28	14	25	66	12
471514301	140	49	35	43	5	30	16	35	76	13
471518301	185	55	40	47	5	34	15	40	86	14

Central through hole treated smooth steel insert.
PA: Black reinforced polyamide. Cap: Grey (RAL 7035).

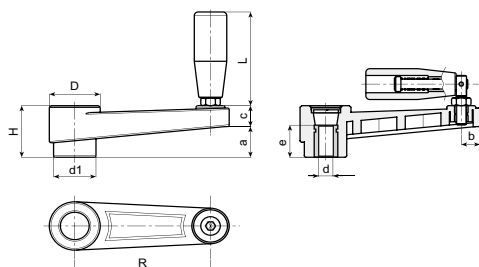
4715K CRANK HANDLE BTC K WITH THREADED INSERT AND REVOLVING HANDLE



Code	R	H	d1	D	d	e	c	a	L	b
471506331	65	30	22	26	M8	15	13	17	56	10
471506332	65	30	22	26	M10	15	13	17	56	10
471506333	65	30	22	26	M12	18	13	17	56	10
471508331	80	33	26	30	M8	18	13	19	56	11
471508332	80	33	26	30	M10	18	13	19	56	11
471508333	80	33	26	30	M12	18	13	19	56	11
471511331	110	39	29	33	M10	14	14	22	65	12
471511332	110	39	29	33	M12	18	14	22	65	12
471511333	110	39	29	33	M14	18	14	22	65	12
471514331	140	49	35	43	M12	19	16	34	76	13
471514332	140	49	35	43	M14	18	16	34	76	13
*471514333	140	49	35	43	M16	18	16	34	76	13
471518331	185	54	39	46	M12	17	16	40	86	14
471518332	185	54	39	46	M14	19	16	40	86	14
*471518333	185	54	39	46	M16	18	16	40	86	14

Threaded female brass insert.
* Treated threaded steel insert.
Side insert for the handle in brass.
PA: Black reinforced polyamide.
Cap: Grey (RAL 7035).

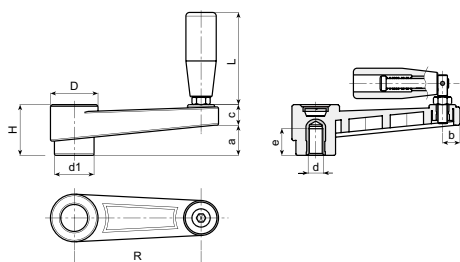
4716 CRANK HANDLE BTC H WITH SMOOTH INSERT AND FOLD AWAY REVOLVING HANDLE



Code	R	H	d1	D	d	e	c	a	L	b
471606381	65	29	22	27	5	20	13	17	56	10
471608381	80	33	26	31	5	24	13	18	56	11
471611381	110	39	29	34	5	28	14	25	66	12
471614381	140	49	35	43	5	30	16	35	76	13
471618381	185	55	40	47	5	34	15	40	86	14

Central through hole smooth treated steel insert.
PA: Black reinforced polyamide. Cap: Grey (RAL 7035).

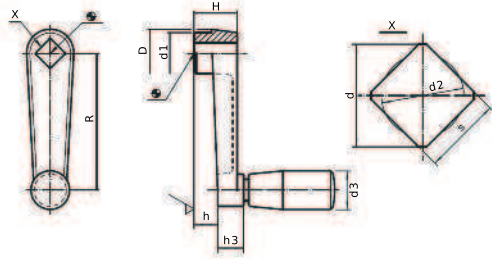
4716K CRANK HANDLE BTC K WITH THREADED INSERT AND FOLD AWAY REVOLVING HANDLE



Code	R	H	d1	D	d	e	c	a	L	b
471606331	65	30	22	26	M8	15	13	17	54	10
471606332	65	30	22	26	M10	15	13	17	54	10
471606333	65	30	22	26	M12	18	13	17	54	10
471608331	80	33	26	30	M8	18	13	19	54	11
471608332	80	33	26	30	M10	18	13	19	54	11
471608333	80	33	26	30	M12	18	13	19	54	11
471611331	110	39	29	33	M10	14	14	22	75	12
471611332	110	39	29	33	M12	18	14	22	75	12
471611333	110	39	29	33	M14	18	14	22	75	12
471614331	140	49	35	43	M12	19	16	34	89	13
471614332	140	49	35	43	M14	18	16	34	89	13
*471614333	140	49	35	43	M16	18	16	34	89	13
471618331	185	54	39	46	M12	17	16	40	97	14
471618332	185	54	39	46	M14	19	16	40	97	14
*471618333	185	54	39	46	M16	18	16	40	97	14

Threaded female brass insert.
* Treated threaded steel insert.
PA: Black reinforced polyamide.
Cap: Grey (RAL 7035).

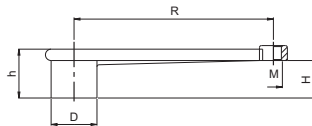
3805 CRANK HANDLE WITH SQUARE HOLE AND ROTATING HANDLE



Square hole.
Rotating cylindrical handle.
Za: Zinc die-cast, plastic coated, black.
AL: Aluminium, plastic coated, black.
Cylindrical handle: Black Phenolic.
Alternative to crank handles DIN 469.

Code	R	h	H	d1	d	s	d2	D	h3	d3	Material
380500420	50	10	18	16	10,1	8	8,4	18	10	14	Za
380500422	64	11	20	19	13,1	10	10,5	22	12	18	Za
380500424	80	14	24	23	13,1	10	10,5	26	14	21	Za
380500436	100	17	28	27	16,1	12	12,6	30	15	23	Za
380500414	125	22	34	32	18,1	14	14,7	35	18	26	AL
380500416	160	26	38	35	22,2	17	17,9	39	18	26	AL

3330 ALUMINIUM HANDLE DIN 469 F

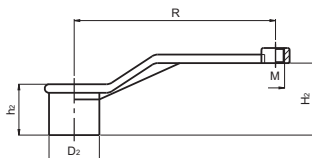


Code	R	H	h	D	M	Color
333012101	125	22	35	35	M10	Natural
333016101	160	31	41	38	M10	Natural
333020101	200	35	49	46	M12	Natural
333025101	250	28	48	48	M12	Natural



Without central hole
AL: Aluminium.
Threaded hole for handle.
Recommended handles: 3310,3311,3312 or 3313. See page 86.
Handles not included.

3332 ALUMINIUM HANDLE DIN 468 F

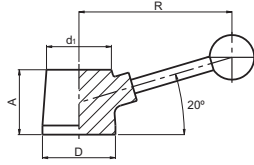


Code	R	H2	h2	D2	M	Color
333210101	100	48	28	28	M8	Natural
333212101	125	50	35	35	M10	Natural
333216101	160	60	38	41	M10	Natural
333220101	200	75	47	45	M12	Natural
333225101	250	91	48	47	M12	Natural



Without central hole
AL: Aluminium.
Threaded hole for handle.
Recommended handles: 3310,3311,3312 or 3313.
See page 86.
Handles not included.

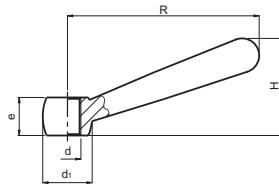
3338 CONNECTION LEVER SN-KG F



Code	R	D	A	d1	Color
333830101	80	30	23	21	Natural
333850101	120	50	40	40	Natural
333862101	150	63	40	50	Natural
333870101	175	70	45	56	Natural
333880101	190	80	50	66	Natural

Without hole
AL: Aluminium
Chromated steel lever and black duroplast ball.

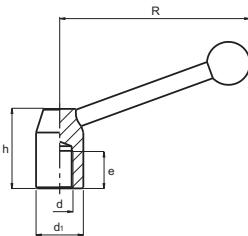
3740 DIN 99-N LEVER



Code	R	d	e	d1	H	Color
374000050	50	M6	9.5	12	24	Blackened
374000063	63	M8	12.5	16	31	Blackened
374000080	80	M10	15	20	38	Blackened
374000100	100	M12	19	25	47	Blackened
374000125	125	M16	25	32	60	Blackened
374000160	160	M20	31	40	76	Blackened
374000200	200	M24	41	50	97	Blackened

Threaded through hole.
FE: Steel blackened.
If you need in stainless steel, please ask.

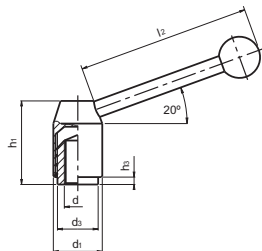
3743 FIXED CLAMPING LEVERS C WITH BALL KNOB



Code	d1	R	h	d	e	Color
374320301	20	72	33	M8	15	Blackened
374322301	22	85	37	M10	15	Blackened
374328301	28	115	47	M12	18	Blackened
374336301	36	145	58	M16	24	Blackened
374345301	45	180	71	M20	30	Blackened

Female thread.
FE: Blackened steel. Black Duroplast ball knob.

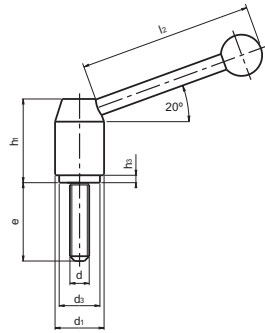
3744 ADJUSTABLE CLAMPING LEVERS C WITH BALL KNOB



Code	d1	d3	h3	h1	l2	d	Color
374421301	21	13	1	33	70	M8	Blackened
374424301	24	16	2.5	40	96	M10	Blackened
374428301	28	19	4.5	48	110	M12	Blackened
374433301	33	23	5.5	55	124	M16	Blackened
374440301	40	30	5.5	68	138	M20	Blackened

Female thread.
FE: Blackened steel. Black Duroplast ball knob.

3744 ADJUSTABLE CLAMPING LEVERS T WITH BALL KNOB



Code	d1	d3	h3	h1	l2	d	e	Color
374421501	21	13	1	33	70	M8	32	Blackened
374424501	24	16	2.5	40	96	M10	40	Blackened
374428501	28	19	4.5	48	110	M12	50	Blackened
374433501	33	23	5.5	55	124	M16	63	Blackened
374440501	40	30	5.5	68	138	M20	80	Blackened

Threaded stud.

FE: Blackened steel. Black Duroplast ball knob.

Handles

Page

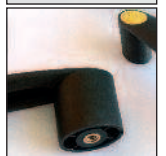
67



67



67



68



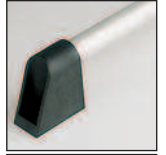
69



69



70



70



71



72



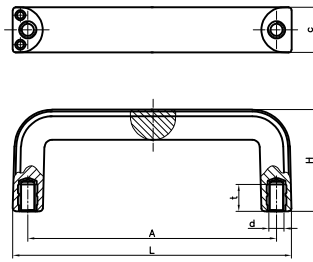
72



72



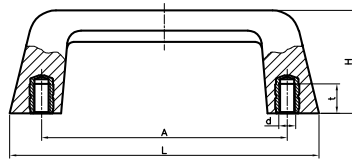
1153 SOLID HANDLE WITH THREADED INSERTS



Code	L	A	d	H	c	t	Color
115312301	124	109 ± 1	M6	45	21	10	Black
115314301	148	132 ± 1	M8	54	24	14	Black

Brass female threaded inserts.
PF: Black Duroplast FS 31 DIN 7708.

1161 ED HANDLE WITH THREADED INSERTS



Code	L	A	d	H	t	Color
116113301	130	109 ± 1	M6	43	10	Black
116116301	165	131 ± 1	M8	55	14	Black

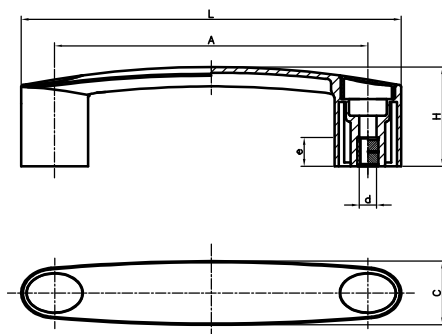
Brass female threaded inserts.
PF: Black Duroplast FS 31 DIN 7708.

1155 CT THERMOPLASTIC D HANDLE WITH THREADED INSERT



- RAL 7021
- RAL 2004
- RAL 3001
- RAL 5005
- RAL 1021
- RAL 7038

Drilled-out brass inserts.
PA: Black reinforced polyamide.
Caps on the following colours: Black, Orange, Red, Blue, Yellow and Grey similar to the RAL indicated above.



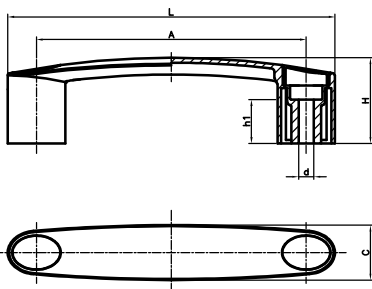
Code	L	A	d	H	C	e	Color	Cap
115509410	116	93±1	M6	34	20	11.5	Black	Black
115510410	146	109±1	M6	41	25	11.5	Black	Black
115511410	146	117±1	M6	41	25	11.5	Black	Black
115513410	163	132±1	M6	45	29	11.5	Black	Black
115509440	116	93±1	M6	34	20	11.5	Black	Orange
115510440	146	109±1	M6	41	25	11.5	Black	Orange
115511440	146	117±1	M6	41	25	11.5	Black	Orange
115513440	163	132±1	M6	45	29	11.5	Black	Orange
115509450	116	93±1	M6	34	20	11.5	Black	Red
115510450	146	109±1	M6	41	25	11.5	Black	Red
115511450	146	117±1	M6	41	25	11.5	Black	Red
115513450	163	132±1	M6	45	29	11.5	Black	Red
115509420	116	93±1	M6	34	20	11.5	Black	Blue
115510420	146	109±1	M6	41	25	11.5	Black	Blue
115511420	146	117±1	M6	41	25	11.5	Black	Blue
115513420	163	132±1	M6	45	29	11.5	Black	Blue
115509430	116	93±1	M6	34	20	11.5	Black	Yellow
115510430	146	109±1	M6	41	25	11.5	Black	Yellow
115511430	146	117±1	M6	41	25	11.5	Black	Yellow
115513430	163	132±1	M6	45	29	11.5	Black	Yellow
115509490	116	93±1	M6	34	20	11.5	Black	Grey
115510490	146	109±1	M6	41	25	11.5	Black	Grey
115511490	146	117±1	M6	41	25	11.5	Black	Grey
115513490	163	132±1	M6	45	29	11.5	Black	Grey

1155 CT THERMOPLASTIC HANDLE WITH THROUGH HOLES



- RAL 7021
- RAL 2004
- RAL 3001
- RAL 5005
- RAL 1021
- RAL 7038

Through holes handle.
 PA: Black reinforced polyamide.
 Caps on the following colours: Black, Orange, Red, Blue, Yellow and Grey similar to the RAL indicated above.



Code	L	A	d	H	C	h1	Color	Cap
115509210	116	93 ± 1	6,5	34	20	20	Black	Black
115510210	146	109 ± 1	8,5	41	25	20	Black	Black
115511210	146	117 ± 1	8,5	41	25	20	Black	Black
115513210	163	132 ± 1	8,5	45	29	22	Black	Black
115515210	181	150 ± 1	8,5	48	31	25	Black	Black
115509240	116	93 ± 1	6,5	34	20	20	Black	Orange
115510240	146	109 ± 1	8,5	41	25	20	Black	Orange
115511240	146	117 ± 1	8,5	41	25	20	Black	Orange
115513240	163	132 ± 1	8,5	45	29	22	Black	Orange
115515240	181	150 ± 1	8,5	48	31	25	Black	Orange
115509250	116	93 ± 1	6,5	34	20	20	Black	Red
115510250	146	109 ± 1	8,5	41	25	20	Black	Red
115511250	146	117 ± 1	8,5	41	25	20	Black	Red
115513250	163	132 ± 1	8,5	45	29	22	Black	Red
115515250	181	150 ± 1	8,5	48	31	25	Black	Red
115509220	116	93 ± 1	6,5	34	20	20	Black	Blue
115510220	146	109 ± 1	8,5	41	25	20	Black	Blue
115511220	146	117 ± 1	8,5	41	25	20	Black	Blue
115513220	163	132 ± 1	8,5	45	29	22	Black	Blue
115515220	181	150 ± 1	8,5	48	31	25	Black	Blue
115509230	116	93 ± 1	6,5	34	20	20	Black	Yellow
115510230	146	109 ± 1	8,5	41	25	20	Black	Yellow
115511230	146	117 ± 1	8,5	41	25	20	Black	Yellow
115513230	163	132 ± 1	8,5	45	29	22	Black	Yellow
115515230	181	150 ± 1	8,5	48	31	25	Black	Yellow
115509290	116	93 ± 1	6,5	34	20	20	Black	Grey
115510290	146	109 ± 1	8,5	41	25	20	Black	Grey
115511290	146	117 ± 1	8,5	41	25	20	Black	Grey
115513290	163	132 ± 1	8,5	45	29	22	Black	Grey
115515290	181	150 ± 1	8,5	48	31	25	Black	Grey

1156 MGM TUBULAR BRIDGE HANDLE WITH THROUGH HOLES



RAL 9005
 RAL 2004

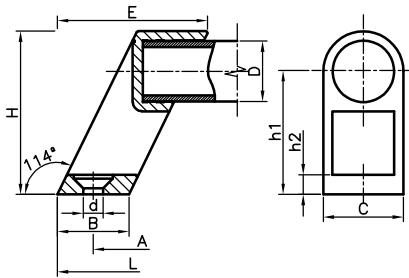
Through hole handle's supports.
 PA: Black or orange reinforced polyamide.
 Tube in anodised aluminium.



ORANGE
 Code 1156 00 410 for tube Ø 20mm (1 unit)
 Code 1156 00 400 for tube Ø 25mm (1 unit)

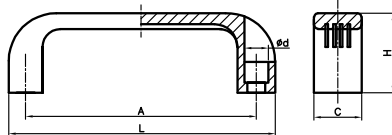


BLACK
 Code 1156 00 010 for tube Ø 20mm (1 unit)
 Code 1156 00 000 for tube Ø 25mm (1 unit)



Code	L	A	d	H	B	C	D	E	h1	h2	Color
115620201	223	200 ± 1	6,4	53	23	26	20	47	40	6	Black
115625201	273	250 ± 1	6,4	53	23	26	20	47	40	6	Black
115630201	323	300 ± 1	6,4	53	23	26	20	47	40	6	Black
115635201	373	350 ± 1	6,4	53	23	26	20	47	40	6	Black
115640201	423	400 ± 1	6,4	53	23	26	20	47	40	6	Black
115650201	523	500 ± 1	6,4	53	23	26	20	47	40	6	Black
115660201	617	600 ± 1	6,4	53	23	26	20	47	40	6	Black
115670201	723	700 ± 1	6,4	53	23	26	20	47	40	6	Black
115620101	229	200 ± 1	8,4	60	29	32	25	56	43	8	Black
115625101	279	250 ± 1	8,4	60	29	32	25	56	43	8	Black
115630101	329	300 ± 1	8,4	60	29	32	25	56	43	8	Black
115635101	379	350 ± 1	8,4	60	29	32	25	56	43	8	Black
115640101	429	400 ± 1	8,4	60	29	32	25	56	43	8	Black
115650101	529	500 ± 1	8,4	60	29	32	25	56	43	8	Black
115660101	629	600 ± 1	8,4	60	29	32	25	56	43	8	Black
115670101	729	700 ± 1	8,4	60	29	32	25	56	43	8	Black
115620241	223	200 ± 1	6,4	53	23	26	20	47	40	6	Orange
115625241	273	250 ± 1	6,4	53	23	26	20	47	40	6	Orange
115630241	323	300 ± 1	6,4	53	23	26	20	47	40	6	Orange
115635241	373	350 ± 1	6,4	53	23	26	20	47	40	6	Orange
115640241	423	400 ± 1	6,4	53	23	26	20	47	40	6	Orange
115650241	523	500 ± 1	6,4	53	23	26	20	47	40	6	Orange
115660241	617	600 ± 1	6,4	53	23	26	20	47	40	6	Orange
115670241	723	700 ± 1	6,4	53	23	26	20	47	40	6	Orange
115620141	229	200 ± 1	8,4	60	29	32	25	56	43	8	Orange
115625141	279	250 ± 1	8,4	60	29	32	25	56	43	8	Orange
115630141	329	300 ± 1	8,4	60	29	32	25	56	43	8	Orange
115635141	379	350 ± 1	8,4	60	29	32	25	56	43	8	Orange
115640141	429	400 ± 1	8,4	60	29	32	25	56	43	8	Orange
115650141	529	500 ± 1	8,4	60	29	32	25	56	43	8	Orange
115660141	629	600 ± 1	8,4	60	29	32	25	56	43	8	Orange
115670141	729	700 ± 1	8,4	60	29	32	25	56	43	8	Orange
115600410		-	6,4	53	23	26	20	47	40	6	Orange
115600400		-	8,4	60	29	32	25	56	43	8	Orange
115600010		-	6,4	53	23	26	20	47	40	6	Black
115600000		-	8,4	60	29	32	25	56	43	8	Black

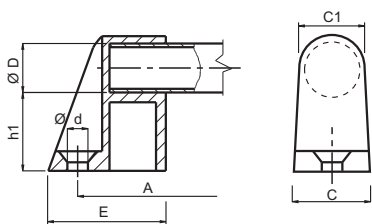
1157 HANDLE WITH THROUGH HOLES



Code	L	A	d	H	C	Color
115711200	110	94 ± 1	6,5	37	21	Black
115713200	133	116 ± 1	9	40	24	Black
115713201	139	120 ± 1	8,5	40	24	Black
115714200	151	132 ± 1	8,5	43	26	Black
115718200	200	180 ± 1	8,5	50	28	Black
115723200	260	235 ± 1	10,5	54	32	Black

Through holes handle.
 PA: Black reinforced polyamide.

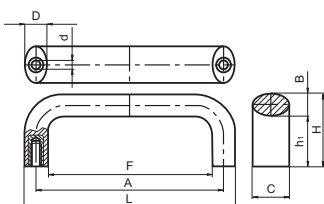
1160 ALUPLAST THERMOPLASTIC HANDLE WITH THROUGH HOLES



Code	A	d	h1	C	C1	D	E	Color
116020101	200±1	8.4	32	28	26	20	43	Black
116030101	300±1	8.4	32	28	26	20	43	Black
116040101	400±1	8.4	32	28	26	20	43	Black
116050101	500±1	8.4	32	28	26	20	43	Black
116070101	700±1	8.4	32	28	26	20	43	Black

Through hole handle's supports.
PA: Black reinforced polyamide.
Tube in anodised aluminium.

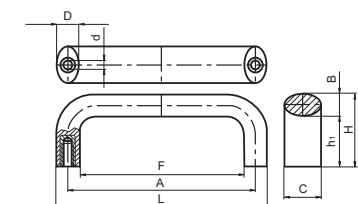
4705 TMP HANDLE WITH THREADED INSERTS



Code	L	A	d	B	H	h1	C	D	F	Color
470509301	98.5	86±1	M6	12.5	40	28	20	12.5	73.5	Black
470510301	106.5	94±1	M6	12.5	40.5	28	20	12.5	81.5	Black
470513301	134	117±1	M6	16	50	34	25	16	102	Black
470514301	148	132±1	M8	16	50	34	25	16	116	Black
470516301	168	150±1	M8	18	58	40	29	18	132	Black
470519301	197	179±1	M8	18	58	40	29	18	161	Black

PA: Reinforced polyamide.
Brass inserts.

4705 TMP HANDLE WITH THREADED SS INSERTS

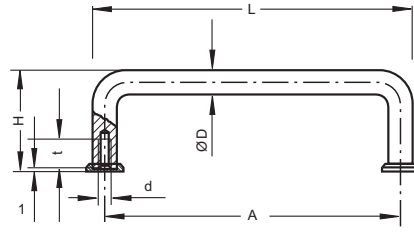


INOX
Stainless
Steel

Code	L	A	d	B	H	h1	C	D	F	Color
470509351	98.5	86±1	M6	12.5	40	28	20	12.5	73.5	Black
470510351	106.5	94±1	M6	12.5	40.5	28	20	12.5	81.5	Black
470513351	134	117±1	M6	16	50	34	25	16	102	Black
470514351	148	132±1	M8	16	50	34	25	16	116	Black
470516351	168	150±1	M8	18	58	40	29	18	132	Black
470519351	197	179±1	M8	18	58	40	29	18	161	Black

PA: Reinforced polyamide.
Stainless-steel inserts.

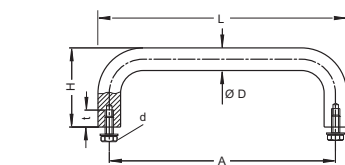
3107 HANDLE ST WITH THREADED HOLES



Threaded holes.
High gloss chromium plated surface.
Chromium coloured brass cover washers included.

Code	L	A	d	H	t	D	Finish
310705031	37	32	M3	21	6	5	Chrome
310705041	47	42	M3	25	6	5	Chrome
310705051	60	55	M3	25	6	5	Chrome
310705071	81	76	M3	25	6	5	Chrome
310705081	93	88	M3	25	6	5	Chrome
310708031	40	32	M4	33	8	8	Chrome
310708051	63	55	M4	33	8	8	Chrome
310708061	72	64	M4	33	8	8	Chrome
310708081	96	88	M4	33	8	8	Chrome
310708091	104	96	M4	33	8	8	Chrome
310708101	106	98	M4	33	8	8	Chrome
310708111	110	102	M4	33	8	8	Chrome
310708121	128	120	M4	33	8	8	Chrome
310708131	136	128	M4	33	8	8	Chrome
310708141	144	136	M4	33	8	8	Chrome
310710051	65	55	M5	41	10	10	Chrome
310710081	98	88	M5	41	10	10	Chrome
310710101	110	100	M5	41	10	10	Chrome
310710111	112	102	M5	41	10	10	Chrome
310710121	125	115	M5	41	10	10	Chrome
310710131	130	120	M5	41	10	10	Chrome
310710141	146	136	M5	41	10	10	Chrome
310710181	190	180	M5	41	10	10	Chrome
310710201	210	200	M5	41	10	10	Chrome
310710231	245	235	M5	41	10	10	Chrome
310710251	260	250	M5	41	10	10	Chrome

3125 HANDLE VA WITH THREADED HOLES

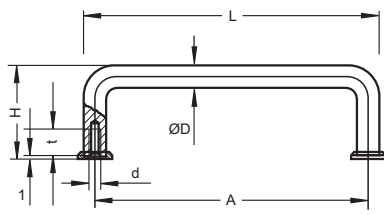


INOX
Stainless Steel

SS: Stainless steel (1.4305).
The handle is supply with stainless steel screws DIN 933 and washers DIN 125.
Optional cover plates, can be ordered as an accessory:
for Ø 8 mm: 312500008 (pack of 20 units).
for Ø 10 mm: 312500010 (pack of 20 units).
for Ø 15 mm: 312500015 (pack of 2 units).
for Ø 20 mm: 312500020 (pack of 2 units).

Code	L	A	d	D	H	t	Color
312508060	72	64	M5	8	35	10	Natural
312508081	96	88	M5	8	35	10	Natural
312508101	108	100	M5	8	35	10	Natural
312508120	128	120	M5	8	35	10	Natural
312510100	110	100	M5	10	40	10	Natural
312510120	130	120	M5	10	40	10	Natural
312510180	190	180	M5	10	40	10	Natural
312510250	260	250	M5	10	40	10	Natural
312510300	310	300	M5	10	40	10	Natural
312510350	360	350	M5	10	40	10	Natural
312515150	165	150	M6	15	55	12	Natural
312515200	215	200	M6	15	55	12	Natural
312515250	265	250	M6	15	55	12	Natural
312515300	315	300	M6	15	55	12	Natural
312515350	365	350	M6	15	55	12	Natural
312520200	220	200	M8	20	70	16	Natural
312520250	270	250	M8	20	70	16	Natural
312520300	320	300	M8	20	70	16	Natural
312520350	370	350	M8	20	70	16	Natural

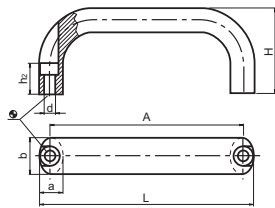
3137 HANDLE RA WITH THREADED HOLES



AL: Anodized aluminium.
 Optional cover plates, can be order as an accessory:
 313700001 natural color (pack of 20 units).
 313700004 black color (pack of 20 units).

Code	L	A	d	D	t	H	Color
313700501	65	55	M5	10	10	41	Natural
313700801	98	88	M5	10	10	41	Natural
313701001	110	100	M5	10	10	41	Natural
313701201	130	120	M5	10	10	41	Natural
313701801	190	180	M5	10	10	41	Natural
313702001	210	200	M5	10	10	41	Natural
313702301	245	235	M5	10	10	41	Natural
313702501	260	250	M5	10	10	41	Natural
313700504	65	55	M5	10	10	41	Black
313700804	98	88	M5	10	10	41	Black
313701004	110	100	M5	10	10	41	Black
313701204	130	120	M5	10	10	41	Black
313701804	190	180	M5	10	10	41	Black
313702004	210	200	M5	10	10	41	Black
313702304	245	235	M5	10	10	41	Black
313702504	260	250	M5	10	10	41	Black

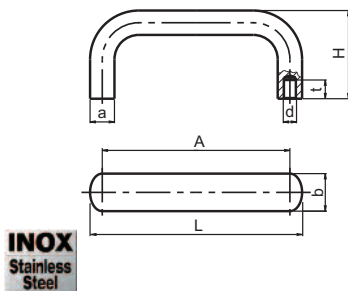
3733 OV HANDLE FRONT MOUNTING WITH THROUGH HOLES



AL: Aluminium.
 References in black color are plastic coated.

Code	L	A	d	b	H	a	h2	Color
373300141	130	116	6.4	26	53	17	17	Natural
373300151	146	132	6.4	26	55	17	17	Natural
373300161	178	164	6.4	26	57	17	17	Natural
373300171	210	196	6.4	26	57	17	17	Natural
373300341	130	116	6.4	26	53	17	17	Black
373300351	146	132	6.4	26	55	17	17	Black
373300361	178	164	6.4	26	57	17	17	Black
373300371	210	196	6.4	26	57	17	17	Black

3733 OV HANDLE BACK MOUNTING WITH THREADED HOLES



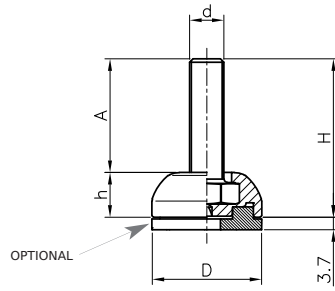
AL: Aluminium.
 SS: Stainless steel.
 References in black color are plastic coated.

Code	L	A	d	b	H	a	t	Material	Color
373300100	113	100	M6	20	47	13	10	AL	Natural
373300110	125	112	M6	20	49	13	10	AL	Natural
373300120	141	128	M6	20	51	13	10	AL	Natural
373300130	173	160	M6	20	51	13	10	AL	Natural
373300140	129	112	M8	26	53	17	12	AL	Natural
373300150	145	128	M8	26	55	17	12	AL	Natural
373300160	177	160	M8	26	57	17	12	AL	Natural
373300170	209	192	M8	26	57	17	12	AL	Natural
373300180	317	300	M8	26	57	17	12	AL	Natural
373300190	417	400	M8	26	57	17	12	AL	Natural
373300300	113	100	M6	20	47	13	10	AL	Black
373300310	125	112	M6	20	49	13	10	AL	Black
373300320	141	128	M6	20	51	13	10	AL	Black
373300330	173	160	M6	20	51	13	10	AL	Black
373300340	129	112	M8	26	53	17	12	AL	Black
373300350	145	128	M8	26	55	17	12	AL	Black
373300360	177	160	M8	26	57	17	12	AL	Black
373300370	209	192	M8	26	57	17	12	AL	Black
373300380	317	300	M8	26	57	17	12	AL	Black
373300390	417	400	M8	26	57	17	12	AL	Black
373300510	125	112	M6	20	49	13	10	SS	Natural
373300520	141	128	M6	20	51	13	10	SS	Natural

Adjustable Feet & Tube Ends

Page		Page		Page	
73		79		85	
73		79		85	
74		80		86	
74		80		87	
75		81		87	
75		82			
76		82			
76		82			
77		83			
78		83			
78		83			
79					

1188 FIXED FEET



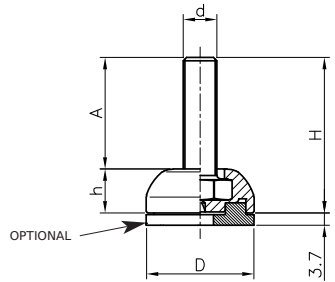
Treated threaded steel stud.
PA: Black reinforced polyamide base.
* Max. static load.

Code	D	H	h	d	A	Kg*	Color
118832520	32	38	13	M5	25	500	Black
118832512	32	43	13	M6	30	700	Black
118832533	32	39	13	M8	26	800	Black
118832534	32	36	13	M10	23	800	Black
118840520	40	38	13	M5	25	500	Black
118840540	40	43	13	M6	30	700	Black
118840533	40	49	13	M8	36	800	Black
118840534	40	46	13	M10	33	800	Black



Optional:
Non-slip rubber pad.
Supplied as an accessory (not mounted).
Ø 32mm Code 118800903
Ø 40mm Code 118800904

1188 FIXED FEET WITH SS STUD



Stainless-steel AISI-304 threaded stud.
PA: Black reinforced polyamide base.
* Max. static load.

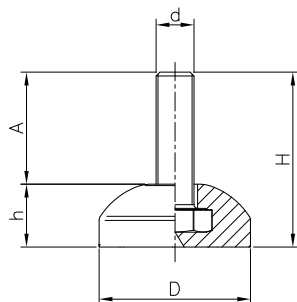
Code	D	H	h	d	A	Kg*	Color
118832553	32	43	13	M6	30	700	Black
118832550	32	39	13	M8	26	800	Black
118832551	32	36	13	M10	23	800	Black
118840552	40	43	13	M6	30	700	Black
118840550	40	49	13	M8	36	800	Black
118840551	40	46	13	M10	33	800	Black



Optional:
Non-slip rubber pad.
Supplied as an accessory (not mounted).
Ø 32mm Code 118800903
Ø 40mm Code 118800904

INOX
Stainless
Steel

1188 FIXED RUBBER FEET



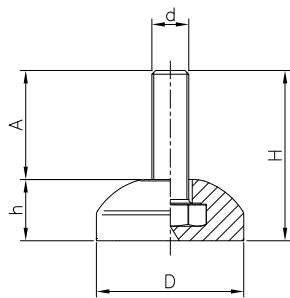
Treated threaded steel stud.
RB: Rubber (Sh A 80).
* Max. static load.

Code	D	H	h	d	A	Kg*	Color
118832570	32	42	16	M8	26	300	Black
118832571	32	36	16	M10	20	400	Black
118840570	40	52	16	M8	36	300	Black
118840571	40	46	16	M10	30	400	Black

1188 FIXED RUBBER FEET WITH SS STUD



INOX
Stainless Steel



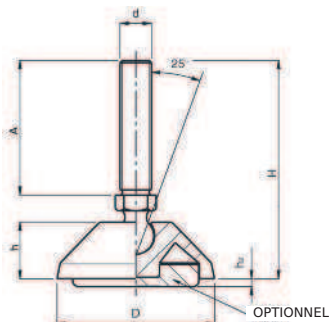
Code	D	H	h	d	A	Kg*	Color
118832580	32	42	16	M8	26	300	Black
118832581	32	36	16	M10	20	400	Black
118840580	40	52	16	M8	36	300	Black
118840581	40	46	16	M10	30	400	Black

Stainless-steel AISI-304 threaded stud.

RB: Rubber (Sh A 80).

* Max. static load.

1189 ADJUSTABLE FEET



Treated threaded steel stud.

PA: Black reinforced polyamide base.

* Max. static load.(vertical stud)



Optional:

Non-slip rubber pad.

Supplied as an accessory (not mounted).

Ø 32 mm Code 1188 00 903

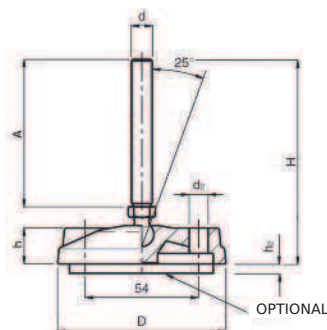
Ø 40 mm Code 1188 00 904

Ø 50 mm Code 1189 00 905 (NBR 70 Shore A)

Ø 80 mm Code 1189 00 907 (NBR 70 Shore A)

Code	D	H	h	d	A	h2	Kg*	Color
118903851	32	67	13	M8	45	2	1000	Black
118903852	32	92	13	M8	70	2	1000	Black
118903853	32	67	13	M10	45	2	1000	Black
118903854	32	92	13	M10	70	2	1000	Black
118904851	40	67	13	M8	45	3	1000	Black
118904852	40	92	13	M8	70	3	1000	Black
118904853	40	67	13	M10	45	3	1000	Black
118904854	40	92	13	M10	70	3	1000	Black
118905856	50	72	18	M8	45	2	1000	Black
118905857	50	97	18	M8	70	2	1000	Black
118905851	50	72	18	M10	45	2	1000	Black
118905852	50	97	18	M10	70	2	1000	Black
118905853	50	72	18	M12	45	2	1000	Black
118905854	50	97	18	M12	70	2	1000	Black
118908861	80	73	19	M8	45	2	1000	Black
118908862	80	98	19	M8	70	2	1000	Black
118908853	80	73	19	M10	45	2	1000	Black
118908854	80	98	19	M10	70	2	1000	Black
118908851	80	73	19	M12	45	2	1000	Black
118908852	80	98	19	M12	70	2	1000	Black
118908863	80	98	19	M14	70	2	1000	Black
118908864	80	148	19	M14	120	2	1000	Black
118908855	80	98	19	M16	70	2	1000	Black
118908856	80	148	19	M16	120	2	1000	Black
118908857	80	128	19	M20	100	2	1000	Black

1190 ADJUSTABLE FEET WITH THROUGH HOLES



Treated threaded steel stud.

PA: Black reinforced polyamide base.

* Max. static load.(vertical stud)



Optional:

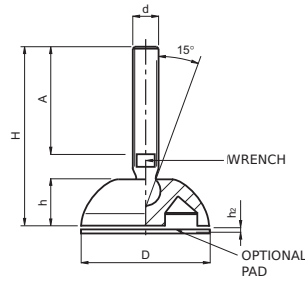
Non-slip rubber pad NBR 70 Shore A.

Supplied as an accessory (not mounted).

Ø 80 mm Code 1190 00 908

Code	D	H	h	d	A	h2	d2	Kg*	Color
119008858	80	73	19	M8	45	2	9	1000	Black
119008859	80	98	19	M8	70	2	9	1000	Black
119008853	80	73	19	M10	45	2	9	1000	Black
119008854	80	98	19	M10	70	2	9	1000	Black
119008851	80	73	19	M12	45	2	9	1000	Black
119008852	80	98	19	M12	70	2	9	1000	Black
119008860	80	98	19	M14	70	2	9	1000	Black
119008861	80	148	19	M14	120	2	9	1000	Black
119008855	80	98	19	M16	70	2	9	1000	Black
119008856	80	148	19	M16	120	2	9	1000	Black
119008857	80	128	19	M20	100	2	9	1000	Black

4201 ADJUSTABLE FEET 40/50 STAINLESS-STEEL STUD



Code	D	h	d	A	H	Wrench	h2	Kg*	Color
420104550	40	13	M8	45	68	6	2,5	1000	Black
420104551	40	13	M8	65	88	6	2,5	1000	Black
420104552	40	13	M10	35	60	8	2,5	1100	Black
420104553	40	13	M10	70	95	8	2,5	1100	Black
420105550	50	13	M8	45	68	6	2,5	1100	Black
420105551	50	13	M8	65	88	6	2,5	1100	Black
420105552	50	13	M10	35	60	8	2,5	1200	Black
420105553	50	13	M10	70	95	8	2,5	1200	Black
420105554	50	13	M12	43	70	10	2,5	1300	Black
420105555	50	13	M12	63	90	10	2,5	1300	Black

Stainless-steel AISI-304 threaded stud.

PA: Reinforced polyamide.

*Maximum static load calculated with vertical stud.

Other studs lengths: Please ask!

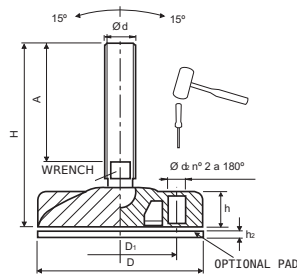
Optional: Non-slip rubber pad made of black PVC is supplied as an accessory (not mounted).

Ø 40 mm Code: 4250 01 040

Ø 50 mm Code: 4250 01 050



4201 ADJUSTABLE FEET 102/124 WITH STEEL STUD



Code	D	D1	h	d	A	H	d2	Wrench	h2	Kg*	Color
420110530	102	74	18	M16	90	130	10,5	13	3	2200	Black
420110531	102	74	18	M16	125	165	10,5	13	3	2200	Black
420110532	102	74	18	M16	165	205	10,5	13	3	2200	Black
420110533	102	74	18	M20	116	160	10,5	17	3	2400	Black
420110534	102	74	18	M20	206	250	10,5	17	3	2400	Black
420112530	124	94	24	M16	90	134	10,5	13	3	2500	Black
420112531	124	94	24	M16	125	169	10,5	13	3	2500	Black
420112532	124	94	24	M16	165	209	10,5	13	3	2500	Black
420112533	124	94	24	M20	116	164	10,5	17	3	2700	Black
420112534	124	94	24	M20	206	254	10,5	17	3	2700	Black

Zinc-plated treated threaded stud.

PA: Reinforced polyamide.

*Maximum static load calculated with vertical stud.

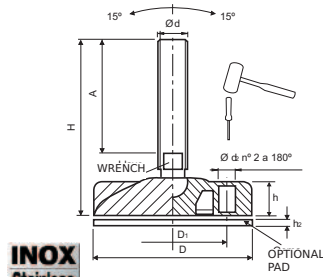
Holes can be opened with the help of a hammer for fixing the foot to the floor. Other studs lengths: Please ask.

Optional: Non-slip rubber pad made of black PVC is supplied as an accessory (not mounted).

Ø 102 mm Code: 4250 01 100

Ø 124 mm Code: 4250 01 120

4201 ADJUSTABLE FEET 80/102/124 WITH STAINLESS-STEEL STUD



Code	D	D1	h	d	A	H	d2	Wrench	h2	Kg*	Color
420108550	80	54	14	M8	45	74	9	6	3	1200	Black
420108551	80	54	14	M8	65	94	9	6	3	1200	Black
420108552	80	54	14	M10	35	66	9	8	3	1400	Black
420108553	80	54	14	M10	70	101	9	8	3	1400	Black
420108554	80	54	14	M12	43	76	9	10	3	1500	Black
420108555	80	54	14	M12	77	111	9	10	3	1500	Black
420108556	80	54	14	M16	60	97	9	13	3	1900	Black
420108557	80	54	14	M16	125	162	9	13	3	1900	Black
420108558	80	54	14	M20	116	157	9	17	3	2100	Black
420110550	102	74	18	M16	90	130	10,5	13	3	2200	Black
420110551	102	74	18	M16	125	165	10,5	13	3	2200	Black
420110552	102	74	18	M16	165	205	10,5	13	3	2200	Black
420110553	102	74	18	M20	116	160	10,5	17	3	2400	Black
420110554	102	74	18	M20	206	250	10,5	17	3	2400	Black
420112550	124	94	24	M16	90	134	10,5	13	3	2500	Black
420112551	124	94	24	M16	125	169	10,5	13	3	2500	Black
420112552	124	94	24	M16	165	209	10,5	13	3	2500	Black
420112553	124	94	24	M20	116	164	10,5	17	3	2700	Black
420112554	124	94	24	M20	206	254	10,5	17	3	2700	Black

Stainless-steel AISI 304 threaded stud.

PA: Reinforced polyamide.

*Maximum static load calculated with vertical stud.

Holes can be opened with the help of a hammer for fixing the foot to the floor. Other studs lengths: Please ask.

Optional: Non-slip rubber pad made of black PVC is supplied as an accessory (not mounted).

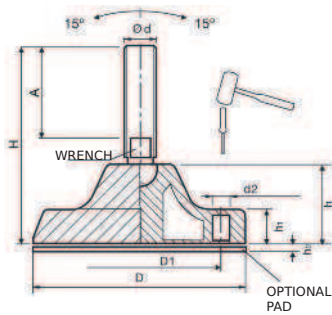
Ø 80 mm Code: 4250 01 080

Ø 102 mm Code: 4250 01 100

Ø 124 mm Code: 4250 01 120



4201HT ADJUSTABLE FEET 121 WITH STEEL STUD



Code	D	h	h1	d	A	H	D1	d2	Wrench	h2	Kg*	Color
420112502	121	41	20	M16	90	150	90	11	13	5	2500	Black
420112504	121	41	20	M16	125	185	90	11	13	5	2500	Black
420112506	121	41	20	M16	165	225	90	11	13	5	2500	Black
420112507	121	41	20	M20	86	149	90	11	17	5	2700	Black
420112509	121	41	20	M20	141	204	90	11	17	5	2700	Black
420112511	121	41	20	M24	96	159	90	11	19	5	2900	Black
420112513	121	41	20	M24	152	215	90	11	19	5	2900	Black
420112514	121	41	20	M24	182	245	90	11	19	5	2900	Black

PA: Reinforced polyamide.

Zinc-plated treated threaded stud.

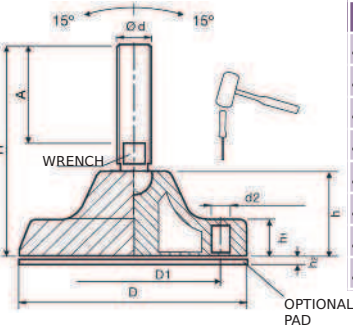
*Maximum static load calculated with vertical stud.

Holes can be opened with the help of a hammer for fixing the foot to the floor.

Other studs lengths: Please ask.

Optional: Non-slip rubber pad is supplied as an accessory, code 425002120.

4201HT ADJUSTABLE FEET 121 WITH STAINLESS-STEEL STUD



Code	D	h	h1	d	A	H	D1	d2	Wrench	h2	Kg*	Color
420112571	121	41	20	M16	90	150	90	11	13	5	2500	Black
420112572	121	41	20	M16	125	185	90	11	13	5	2500	Black
420112575	121	41	20	M16	165	225	90	11	13	5	2500	Black
420112576	121	41	20	M20	86	149	90	11	17	5	2700	Black
420112578	121	41	20	M20	141	204	90	11	17	5	2700	Black
420112580	121	41	20	M24	96	159	90	11	19	5	2900	Black
420112582	121	41	20	M24	152	215	90	11	19	5	2900	Black
420112583	121	41	20	M24	182	245	90	11	19	5	2900	Black

PA: Reinforced polyamide.

Stainless-steel threaded stud (AISI 304).

*Maximum static load calculated with vertical stud.

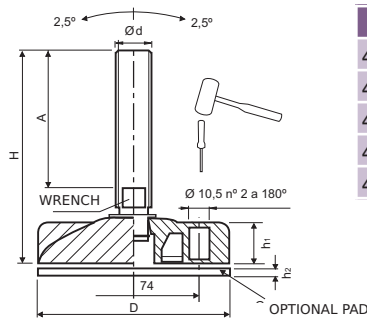
Holes can be opened with the help of a hammer for fixing the foot to the floor.

Other studs lengths: Please ask.

Optional: Non-slip rubber pad is supplied as an accessory, code 425002120.



4202 ADJUSTABLE FEET 102 FOR HEAVY LOADS WITH STEEL STUD



Code	D	h1	d	A	H	Wrench	h2	Kg*	Color
420210530	102	18	M16	119	159	13	3	3300	Black
420210531	102	18	M16	201	241	13	3	3300	Black
420210532	102	18	M20	107	150	17	3	3500	Black
420210533	102	18	M20	157	200	17	3	3500	Black
420210534	102	18	M24	162	208	19	3	3700	Black

Zinc-plated treated threaded stud.

PA: Reinforced polyamide.

*Maximum static load calculated with vertical stud.

Holes can be opened with the help of a hammer for fixing the foot to the floor.

Other studs lengths: Please ask.

Optional: Non-slip rubber pad made of black PVC is supplied as an accessory (not mounted).

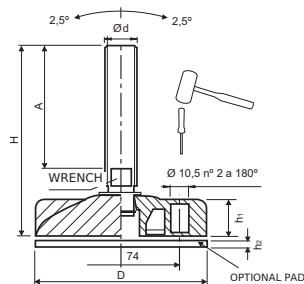
Ø 102 mm Code: 4250 01 100

4202

ADJUSTABLE FEET 102 FOR HEAVY LOADS WITH STAINLESS-STEEL STUD



INOX
Stainless Steel



Code	D	h1	d	A	H	Wrench	h2	Kg*	Color
420210550	102	20	M16	119	159	13	3	3300	Black
420210551	102	20	M16	201	241	13	3	3300	Black
420210552	102	20	M20	107	150	17	3	3500	Black
420210553	102	20	M20	157	200	17	3	3500	Black
420210554	102	20	M24	162	208	19	3	3700	Black

Stainless-steel AISI 304 threaded stud.

PA: Reinforced polyamide.

*Maximum static load calculated with vertical stud.

Holes can be opened with the help of a hammer for fixing the foot to the floor.

Other studs lengths: Please ask.

Optional: Non-slip rubber pad made of black PVC is supplied as an accessory (not mounted).

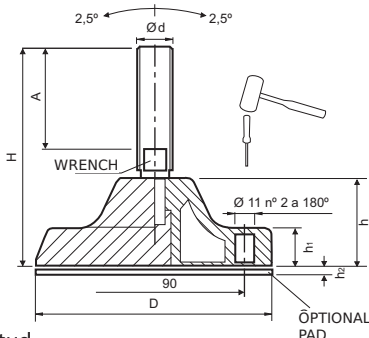
Ø 102 mm Code: 4250 01 100

4202

ADJUSTABLE FEET 121 FOR HEAVY LOADS WITH STEEL STUD



INOX
Stainless Steel



Code	D	h	h1	d	A	H	Wrench	h2	Kg*	Color
420212530	121	41	20	M16	119	176	13	5	4300	Black
420212531	121	41	20	M16	201	258	13	5	4300	Black
420212532	121	41	20	M20	107	167	17	5	4500	Black
420212533	121	41	20	M20	157	217	17	5	4500	Black
420212534	121	41	20	M24	162	225	19	5	4700	Black
420212539	121	41	20	M24	90	153	19	5	4700	Black
420212541	121	41	20	M30	125	188	24	5	5000	Black
420212542	121	41	20	M30	185	248	24	5	5000	Black

Zinc-plated treated threaded stud.

PA: Reinforced polyamide.

*Maximum static load calculated with vertical stud.

Holes can be opened with the help of a hammer for fixing the foot to the floor.

Other studs lengths: Please ask.

Optional: Non-slip rubber pad made of black PVC is supplied as an accessory (not mounted).

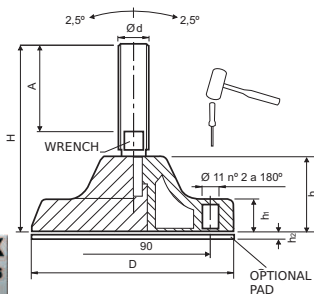
Code: 4250 02 120

4202

ADJUSTABLE FEET 121 FOR HEAVY LOADS WITH STAINLESS-STEEL STUD



INOX
Stainless Steel



Code	D	h	h1	d	A	H	Wrench	h2	Kg*	Color
420212550	121	41	20	M16	119	176	13	5	4300	Black
420212551	121	41	20	M16	201	258	13	5	4300	Black
420212552	121	41	20	M20	107	167	17	5	4500	Black
420212553	121	41	20	M20	157	217	17	5	4500	Black
420212554	121	41	20	M24	162	225	19	5	4700	Black
420212559	121	41	20	M24	90	153	19	5	4700	Black
420212561	121	41	20	M30	125	188	24	5	5000	Black
420212562	121	41	20	M30	185	248	24	5	5000	Black

Stainless-steel AISI 304 threaded stud.

PA: Reinforced polyamide.

*Maximum static load calculated with vertical stud.

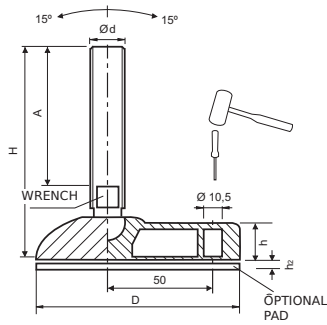
Holes can be opened with the help of a hammer for fixing the foot to the floor.

Other studs lengths: Please ask.

Optional: Non-slip rubber pad made of black PVC is supplied as an accessory (not mounted).

Code: 4250 02 120

4203 ADJUSTABLE ASYMETRICAL BASE FEET WITH STEEL STUD



Code	D	d	A	H	Wrench	h	h2	Kg*	Color
420309530	95	M8	45	72	6	15	3	1200	Black
420309531	95	M8	65	92	6	15	3	1200	Black
420309532	95	M10	70	99	8	15	3	1300	Black
420309533	95	M12	43	74	10	15	3	1400	Black
420309534	95	M12	93	124	10	15	3	1400	Black
420309535	95	M16	90	125	13	15	3	1700	Black
420309536	95	M16	125	160	13	15	3	1700	Black
420309537	95	M16	165	200	13	15	3	1700	Black

Zinc-plated treated threaded stud.

PA: Reinforced polyamide.

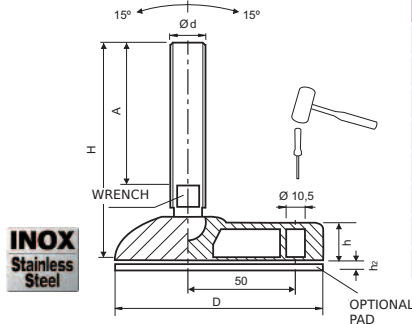
*Maximum static load calculated with vertical stud.
Holes can be opened with the help of a hammer for fixing the foot to the floor.

Other studs lengths: Please ask.

Optional: Non-slip rubber pad made of black PVC is supplied as an accessory (not mounted).

Code: 4250 03 090

4203 ADJUSTABLE ASYMETRICAL BASE FEET WITH STAINLESS-STEEL STUD



Code	D	d	A	H	Wrench	h	h2	Kg*	Color
420309550	95	M8	45	72	6	15	3	1200	Black
420309551	95	M8	65	92	6	15	3	1200	Black
420309552	95	M10	70	99	8	15	3	1300	Black
420309553	95	M12	43	74	10	15	3	1400	Black
420309554	95	M12	93	124	10	15	3	1400	Black
420309555	95	M16	90	125	13	15	3	1700	Black
420309556	95	M16	125	160	13	15	3	1700	Black
420309557	95	M16	165	200	13	15	3	1700	Black

Stainless-steel AISI 304 threaded stud.

PA: Reinforced polyamide.

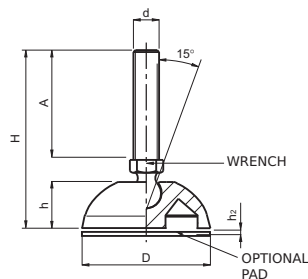
*Maximum static load calculated with vertical stud.
Holes can be opened with the help of a hammer for fixing the foot to the floor.

Other studs lengths: Please ask.

Optional: Non-slip rubber pad made of black PVC is supplied as an accessory (not mounted).

Code: 4250 03 090

4204 ADJUSTABLE FEET 60 WITH POLYAMIDE BASE AND STUD



Code	D	h	d	A	H	Wrench	h2	Kg*	Color
420406501	60	17	M16	67	101	24	3	700	Black
420406502	60	17	M20	140	174	24	3	750	Black

Base and stud made both of reinforced polyamide.

PA: Reinforced polyamide.

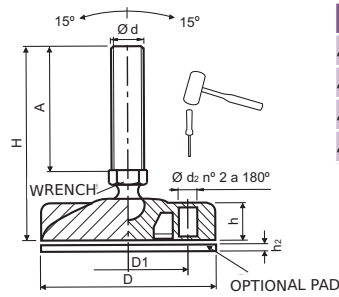
*Maximum static load calculated with vertical stud.

Other studs lengths: Please ask.

Optional: Non-slip rubber pad made of black PVC is supplied as an accessory (not mounted).

Code: 4250 01 060

4204 ADJUSTABLE FEET 80/102 WITH POLYAMIDE BASE AND STUD

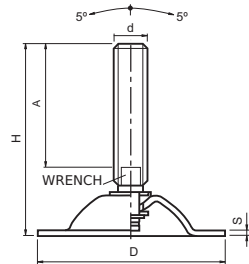


Code	D	D1	h	d	A	H	d2	Wrench	h2	Kg*	Color
420408501	80	54	14	M16	67	104	9	24	3	700	Black
420408502	80	54	14	M20	140	177	9	24	3	750	Black
420410501	102	74	18	M16	67	107	10,5	24	3	700	Black
420410502	102	74	18	M20	140	180	10,5	24	3	750	Black

Base and stud made both of reinforced polyamide.
 PA: Reinforced thermoplastic.
 *Maximum static load calculated with vertical stud.
 Holes can be opened with the help of a hammer for fixing the foot to the floor.

Other studs lengths: Please ask.
 Optional: Non-slip rubber pad made of black PVC is supplied as an accessory (not mounted).
 Ø Code: 4250 01 080
 Ø Code: 4250 01 100

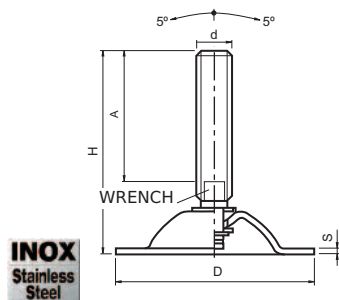
4205 STEEL FEET



Code	D	H	d	A	S	Wrench	Kg*	Color
420511530	113	100	M16	58	3,5	13	1500	natural
420511531	113	187	M16	145	3,5	13	1500	natural
420511532	113	152	M20	107	3,5	17	1500	natural
420511533	113	202	M20	157	3,5	17	1500	natural
420511534	113	138	M24	90	3,5	19	1500	natural
420511535	113	210	M24	162	3,5	19	1500	natural
420511536	113	173	M30	125	3,5	24	1500	natural

Zinc-plated steel.
 *Maximum static load calculated with vertical stud.

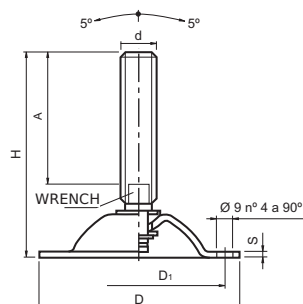
4205 STAINLESS-STEEL FEET



Code	D	H	d	A	S	Wrench	Kg*	Color
420511550	113	100	M16	58	3,5	13	1000	natural
420511551	113	187	M16	145	3,5	13	1000	natural
420511552	113	152	M20	107	3,5	17	1000	natural
420511553	113	202	M20	157	3,5	17	1000	natural
420511554	113	138	M24	90	3,5	19	1000	natural
420511555	113	210	M24	162	3,5	19	1000	natural
420511556	113	173	M30	125	3,5	24	1000	natural

Stainless-steel AISI-304.
 *Maximum static load calculated with vertical stud.

4206 STEEL FEET WITH HOLES



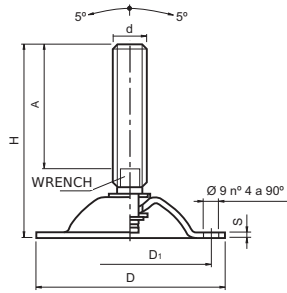
Code	D	H	d	A	D1	S	Wrench	Kg*	Color
420611530	113	100	M16	58	95	3,5	13	1500	natural
420611531	113	187	M16	145	95	3,5	13	1500	natural
420611532	113	152	M20	107	95	3,5	17	1500	natural
420611533	113	202	M20	157	95	3,5	17	1500	natural
420611534	113	138	M24	90	95	3,5	19	1500	natural
420611535	113	210	M24	162	95	3,5	19	1500	natural
420611536	113	173	M30	125	95	3,5	24	1500	natural

Zinc-plated steel.
 *Maximum static load calculated with vertical stud.

4206 STAINLESS-STEEL FEET WITH HOLES



INOX
Stainless
Steel

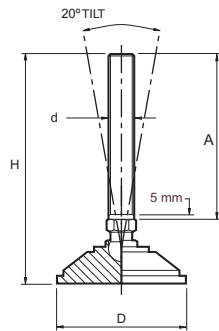


Code	D	H	d	A	D1	S	Wrench	Kg*	Color
420611550	113	100	M16	58	95	3,5	13	1000	natural
420611551	113	187	M16	145	95	3,5	13	1000	natural
420611552	113	152	M20	107	95	3,5	17	1000	natural
420611553	113	202	M20	157	95	3,5	17	1000	natural
420611554	113	138	M24	90	95	3,5	19	1000	natural
420611555	113	210	M24	162	95	3,5	19	1000	natural
420611556	113	173	M30	125	95	3,5	24	1000	natural

Stainless-steel AISI-304.

*Maximum static load calculated with vertical stud.

8201 FEET Ø70 STEEL, NICKEL PLATED



Code	D	d	A	H	Kg*	Color
820105501	55	M12	75	105	450	Natural
820105502	55	M12	150	180	600	Natural
820107501	70	M16	75	114	1500	Natural
820107502	70	M16	150	189	1500	Natural
820110501	100	M20	125	177	2000	Natural
820110502	100	M20	200	250	2000	Natural
820110503	100	M24	125	181	3000	Natural
820110504	100	M24	200	256	3000	Natural

FE: Mild Steel, Electroless Nickel Plated

* Max.static load (vertical stud).

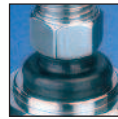
Optional: Hygienic Seal to provide a protective cover over the ball and socket arrangement. Code 8271.

Supplied as an accessory, not mounted.

Optional: Non Slip Pad, Nitrile Rubber (3mm Thick).

Code 8270. Supplied as an accessory, not mounted.

For certain quantities, if you wish the rubber mounted please ask.

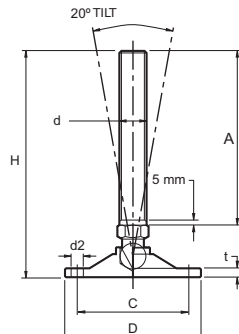


HYGIENIC SEAL



SLIP PAD

8202 FEET Ø100 STEEL, NICKEL PLATED



Code	D	d	A	H	C	d2	t	Kg*	Color
820205501	50	M8	60	82	40	5.5	4	300	Natural
820205502	50	M10	75	97	40	5.5	4	500	Natural
820205503	50	M12	75	100	40	5.5	4	750	Natural
820206501	60	M12	150	175	50	5.5	5	1250	Natural
820208501	80	M16	75	106	68	6.5	6	1750	Natural
820210501	100	M16	125	158	82	9	6.5	2500	Natural
820210502	100	M20	150	189	82	9	6.5	2500	Natural
820212501	120	M20	150	191	100	11	7.5	3750	Natural
820212502	120	M24	150	206	100	11	7.5	3750	Natural

FE: Mild Steel, Electroless Nickel Plated

* Max.static load (vertical stud).

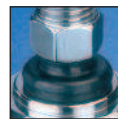
Optional: Hygienic Seal to provide a protective cover over the ball and socket arrangement. Code 8271.

Supplied as an accessory, not mounted.

Optional (only available for Ø100): Non Slip Pad, Nitrile Rubber (3mm Thick). Code 8270.

Supplied as an accessory, not mounted.

For certain quantities, if you wish the rubber mounted please ask.



HYGIENIC SEAL

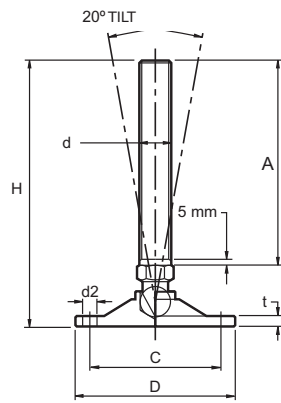


NON SLIP PAD

8203 STAINLESS-STEEL FEET 200



INOX
Stainless
Steel



INOX: Stainless Steel Base and Stud
AISI-303

* Max.static load (vertical stud).

Optional: Hygienic Seal to provide a protective cover over the ball and socket arrangement. Code 8271. Supplied as an accessory, not mounted.

Optional (only available for Ø100): Non Slip Pad, Nitrile Rubber (3mm Thick). Code 8270.

Supplied as an accessory, not mounted.

For certain quantities, if you wish the rubber mounted please ask.

Code	D	d	A	H	C	d2	t	Kg*	Color
820305501	50	M8	60	82	40	5.5	4	300	Natural
820305502	50	M10	75	97	40	5.5	4	500	Natural
820305503	50	M12	75	100	40	5.5	4	750	Natural
820306501	60	M12	150	175	50	5.5	5	1250	Natural
820308501	80	M16	75	106	68	6.5	6	1750	Natural
820310501	100	M16	125	158	82	9	6.5	2500	Natural
820310502	100	M20	150	189	82	9	6.5	2500	Natural
820312501	120	M20	150	191	100	11	7.5	3750	Natural
820312502	120	M24	150	206	100	11	7.5	3750	Natural



HYGIENIC SEAL

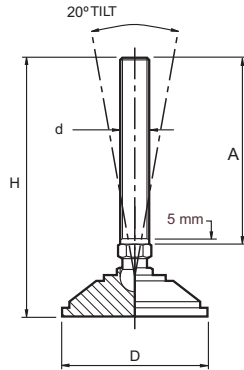


NON SLIP PAD

8205 STAINLESS-STEEL FEET 085



INOX
Stainless
Steel



INOX: 316L Stainless Steel Base and Stud

* Max.static load (vertical stud).

Optional: Hygienic Seal to provide a protective cover over the ball and socket arrangement.

Code 8271. Supplied as an accessory, not mounted.

Optional: Non Slip Pad, Nitrile Rubber (3mm Thick). Code 8270.

Supplied as an accessory, not mounted.

For certain quantities, if you wish the rubber mounted please ask.

Code	D	d	A	H	Kg*	Color
820503501	38	M8	60	85	450	Natural
820503502	38	M10	75	100	450	Natural
820505501	55	M12	150	180	1500	Natural
820507501	70	M16	150	189	2000	Natural
820510501	100	M20	150	202	3000	Natural
820510502	100	M24	200	256	4000	Natural



HYGIENIC SEAL

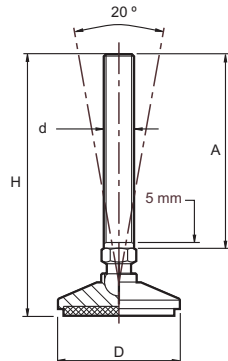


NON SLIP PAD

8206 STAINLESS-STEEL FEET 087



INOX
Stainless
Steel



INOX: Stainless Steel Base and Stud
AISI-303

* Max.static load (vertical stud).

Optional: Hygienic Seal to provide a protective cover over the ball and socket arrangement. Code 8271. Supplied as an accessory, not mounted.

Included: Non Slip Pad, Nitrile Rubber (3mm Thick) bonded to base.

Code	D	d	A	H	Kg*	Color
820605501	55	M12	75	102	750	Natural
820605502	55	M12	125	152	750	Natural
820606501	65	M16	75	108	1250	Natural
820606502	65	M16	125	158	1250	Natural
820607501	75	M20	125	166	1750	Natural
820607502	75	M20	150	191	1750	Natural
820610501	100	M24	125	177	2500	Natural
820610502	100	M24	150	202	2500	Natural

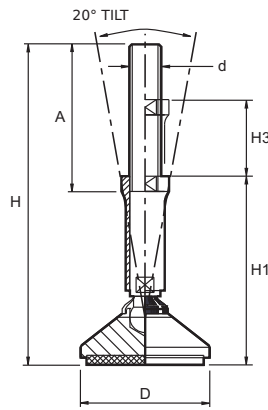


HYGIENIC SEAL

8207 STAINLESS-STEEL FEET 089



INOX
Stainless
Steel



Code	D	d	A	H	H3	H1	Kg*	Color
820705501	55	M12	68	104	25	70	750	Natural
820705502	55	M12	92	154	50	95	750	Natural
820707501	75	M16	68	130	50	75	1750	Natural
820707502	75	M16	92	180	50	100	1750	Natural
820710501	100	M20	68	136	25	85	2500	Natural
820710502	100	M20	92	186	50	110	2500	Natural

INOX: Stainless Steel Base and Stud
AISI-303

* Max.static load (vertical stud).

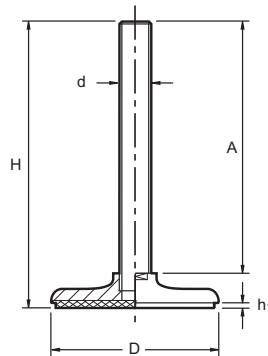
Included: Hygienic Seal to provide a protective cover over the ball and socket arrangement.

Included: Non Slip Pad, Nitrile Rubber (3mm Thick) bonded to base.

8208 STAINLESS-STEEL FEET 300-315



INOX
Stainless
Steel



Code	D	d	A	H	h1	Kg*	Color
820804501	40	M8	40	52	3	450	Natural
820804502	40	M10	60	72	3	600	Natural
820805501	50	M8	60	74	3	450	Natural
820805502	50	M10	80	94	3	600	Natural
820805503	50	M12	50	65	3	750	Natural
820805504	50	M12	100	115	3	750	Natural
820808501	80	M16	150	171	3	2000	Natural
820812501	120	M20	200	224	3	3000	Natural
820815501	150	M24	200	226	3	4000	Natural

INOX: Stainless Steel Base and Stud
AISI-303.

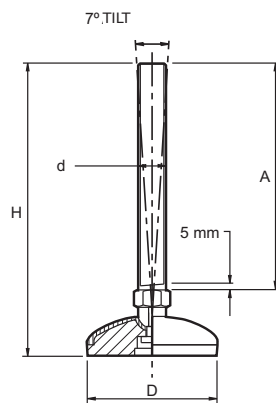
* Max.static load (vertical stud).

Included: Non Slip Pad, Nitrile Rubber (3mm Thick) bonded to base.

8220-1 STAINLESS-STEEL FEET 105



INOX
Stainless
Steel



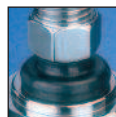
Code	D	d	A	H	Kg*	Color
822051105	50	M10	50	75	350	Natural
822051310	50	M12	100	125	350	Natural
822051710	50	M16	100	128	350	Natural
822071710	75	M16	100	133	750	Natural
822072110	75	M20	150	185	750	Natural
822101710	100	M16	100	138	1000	Natural
822102115	100	M20	150	191	1000	Natural
822102515	100	M24	150	193	1000	Natural

INOX: Stainless Steel Base and Stud
AISI-303.

* Max.static load (vertical stud).

Optional: Hygienic Seal to provide a protective cover over the ball and socket arrangement. Code 8271. Supplied as an accessory, not mounted.

Included: Non Slip Pad, Nitrile Rubber bonded to base.



HYGIENIC SEAL

8222 STAINLESS-STEEL FEET 125



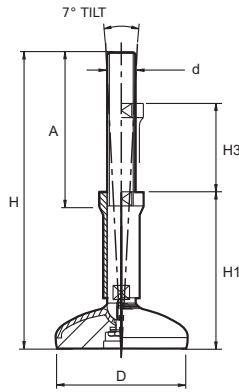
INOX
Stainless
Steel

INOX: Stainless Steel Base and Stud
AISI-303

* Max.static load (vertical stud).

Included: Hygienic Seal to provide a protective cover over the ball and socket arrangement.

Included: Non Slip Pad, Nitrile Rubber bonded to base.



Code	D	d	A	H	H1	H3	Kg*	Color
822205501	50	M12	68	104	70	25	350	Natural
822205502	50	M12	92	154	95	50	350	Natural
822207501	75	M16	68	130	75	50	750	Natural
822207502	75	M16	92	180	100	50	750	Natural
822210501	100	M20	68	136	85	25	1000	Natural
822210502	100	M20	92	186	110	50	1000	Natural

8250 STAINLESS-STEEL FEET 205



INOX
Stainless
Steel

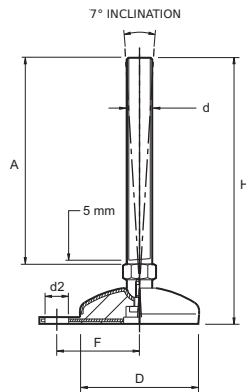
INOX: Stainless Steel Base and Stud
AISI-303

* Max.static load (vertical stud).

Optional: Hygienic Seal to provide a protective cover over the ball and socket arrangement. Code 8271.

Supplied as an accessory, not mounted.

Included: Non Slip Pad, Nitrile Rubber bonded to base.



Code	D	d	A	H	F	d2	Kg*	Color
825071710	75	M16	100	133	52	13	750	Natural
825071810	75	M16	150	183	52	13	750	Natural
825072115	75	M20	150	185	52	13	750	Natural
825091710	100	M16	100	138	67	13	1000	Natural
825092115	100	M20	150	191	67	13	1000	Natural
825092515	100	M24	150	193	67	13	1000	Natural



HYGIENIC SEAL

8260 RUBBER FEET B WITH SS STUD



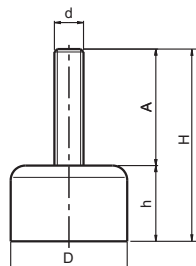
INOX
Stainless
Steel

RUBBER: NBR 605 Shore.

* Max.static load (vertical stud).

Stainless steel bolt embedded in black rubber conforming with FDA

Suitable for light equipment standing on smooth surfaces.



Code	D	h	d	A	H	Kg*	Color
826010602	20	13	M6	20	33	10	Natural
826020802	25	14	M8	20	34	15	Natural
826031003	30	16	M10	25	41	25	Natural
826031005	30	16	M10	50	66	25	Natural
826041204	40	20	M12	40	60	65	Natural
826041207	40	20	M12	70	90	65	Natural
826051204	50	20	M12	40	60	90	Natural

8270 NON-SLIP PAD



Code	D (Diameter Base)	Material	Color
827045001	100	Nitrile	Black
827045002	100 (with holes)	Nitrile	Black
827045003	70	Nitrile	Black
827045004	55	Nitrile	Black
827045005	38	Nitrile	Black

Choose for the appropriate diameter base.
All the parts are without holes except code 827045002.

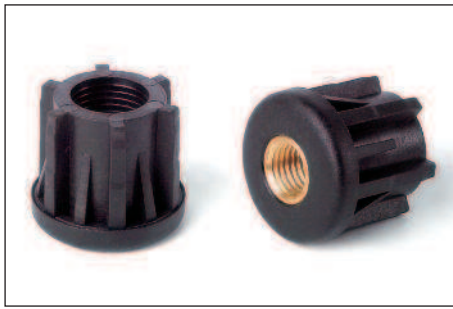
8271 HYGIENIC SEAL



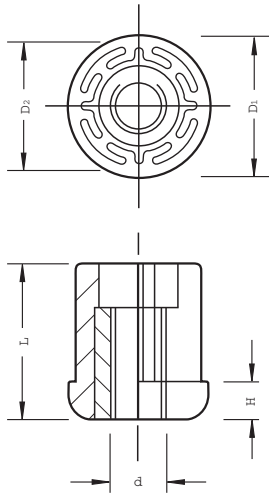
Code	d	Material	Color
827146001	M24	Rubber	Black
827146002	M20	Rubber	Black
827146003	M16	Rubber	Black
827146004	M12	Rubber	Black
827146021	M12	Plastic	Black
827146022	M16	Plastic	Black
827146023	M20	Plastic	Black
827146024	M24	Plastic	Black

Choose the right model for your thread dimension.
The rubber hygienic seal works with models:
8201,8202,8203,8205,8206.
The plastic hygienic seal works with models: 8220, 8250.
Provide a protective cover over the ball and socket arrangement
helping prevent the ingress of contaminates into this inaccessible area.

4264 ROUND TUBE ENDS WITH THREADED INSERTS



Brass insert.
 PA: Reinforced polyamide.
 D1=Ext. dimension of the tube.
 D2=Int. dimension of the tube.
 * Max. static load.

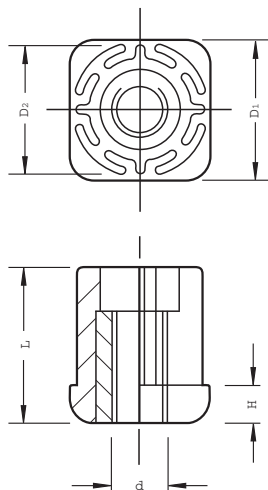


Code	D1	Tube section	D2	d	H	L	Kg*	Color
426430108	30	1	28	M8	6	31	450	Black
426430110	30	1	28	M10	6	31	500	Black
426430112	30	1	28	M12	6	31	550	Black
426430114	30	1	28	M14	6	31	600	Black
426430116	30	1	28	M16	6	31	650	Black
426438210	38	1,5	35	M10	8	38	500	Black
426438212	38	1,5	35	M12	8	38	550	Black
426438214	38	1,5	35	M14	8	38	600	Black
426438216	38	1,5	35	M16	8	38	650	Black
426442210	42,4	1,5	39,4	M10	8	38	700	Black
426442212	42,4	1,5	39,4	M12	8	38	750	Black
426442214	42,4	1,5	39,4	M14	8	38	800	Black
426442216	42,4	1,5	39,4	M16	8	38	850	Black
426442220	42,4	1,5	39,4	M20	8	38	900	Black
426448212	48,3	1,5	45,3	M12	10	45	800	Black
426448214	48,3	1,5	45,3	M14	10	45	850	Black
426448216	48,3	1,5	45,3	M16	10	45	900	Black
426448220	48,3	1,5	45,3	M20	10	45	950	Black
426460310	60,3	2	56,3	M10	12	52	750	Black
426460312	60,3	2	56,3	M12	12	52	800	Black
426460314	60,3	2	56,3	M14	12	52	850	Black
426460316	60,3	2	56,3	M16	12	52	900	Black
426460320	60,3	2	56,3	M20	12	52	950	Black
426460324	60,3	2	56,3	M24	12	52	1000	Black
426460410	60,3	2,5	55,3	M10	12	52	750	Black
426460412	60,3	2,5	55,3	M12	12	52	800	Black
426460414	60,3	2,5	55,3	M14	12	52	850	Black
426460416	60,3	2,5	55,3	M16	12	52	900	Black
426460420	60,3	2,5	55,3	M20	12	52	950	Black
426460424	60,3	2,5	55,3	M24	12	52	1000	Black

4268 SQUARE TUBE ENDS WITH THREADED INSERTS

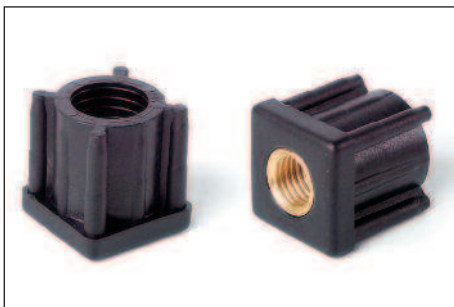


Brass insert.
 PA: Reinforced polyamide
 D1=Ext. dimension of the tube.
 D2=Int. dimension of the tube.
 * Max. static load.



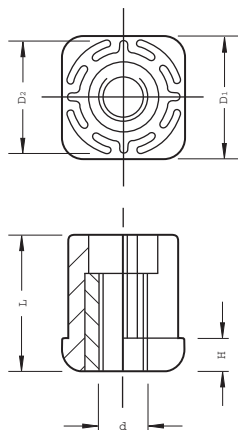
Code	D1	Tube section	D2	d	H	L	Kg*	Color
426820208	20x20	1,5	17	M8	5	23	450	Black
426825208	25x25	1,5	22	M8	6	26	450	Black
426825210	25x25	1,5	22	M10	6	26	500	Black
426825212	25x25	1,5	22	M12	6	26	550	Black
426830210	30x30	1,5	27	M10	6	31	500	Black
426830212	30x30	1,5	27	M12	6	31	550	Black
426830214	30x30	1,5	27	M14	6	31	600	Black
426830216	30x30	1,5	27	M16	6	31	650	Black
426835210	35x35	1,5	32	M10	8	38	700	Black
426835212	35x35	1,5	32	M12	8	38	750	Black
426835214	35x35	1,5	32	M14	8	38	800	Black
426835216	35x35	1,5	32	M16	8	38	850	Black
426835220	35x35	1,5	32	M20	8	38	900	Black
426840210	40x40	1,5	37	M10	8	38	750	Black
426840212	40x40	1,5	37	M12	8	38	800	Black
426840214	40x40	1,5	37	M14	8	38	850	Black
426840216	40x40	1,5	37	M16	8	38	900	Black
426840220	40x40	1,5	37	M20	8	38	950	Black
426840310	40x40	2	36	M10	8	38	750	Black
426840312	40x40	2	36	M12	8	38	800	Black
426840314	40x40	2	36	M14	8	38	850	Black
426840316	40x40	2	36	M16	8	38	900	Black
426840320	40x40	2	36	M20	8	38	950	Black
426845310	45x45	2	41	M10	8	38	750	Black
426845312	45x45	2	41	M12	8	38	800	Black
426845314	45x45	2	41	M14	8	38	850	Black
426845316	45x45	2	41	M16	8	38	900	Black
426850212	50x50	1,5	47	M12	10	45	800	Black

4268 SQUARE TUBE ENDS WITH THREADED INSERTS



Brass insert.

PA: Reinforced polyamide
 D1=Ext. dimension of the tube.
 D2=Int. dimension of the tube.
 * Max. static load.

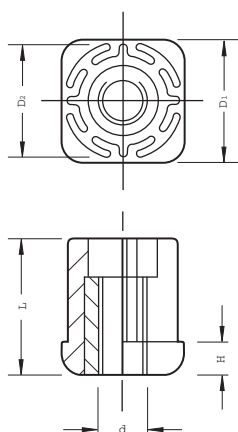


Code	D1	Tube section	D2	d	H	L	Kg*	Color
426850214	50x50	1,5	47	M14	10	45	850	Black
426850216	50x50	1,5	47	M16	10	45	900	Black
426850220	50x50	1,5	47	M20	10	45	950	Black
426850312	50x50	2	47	M12	10	45	800	Black
426850314	50x50	2	46	M14	10	45	850	Black
426850316	50x50	2	46	M16	10	45	900	Black
426850320	50x50	2	46	M20	10	45	950	Black
426860512	60x60	3	54	M12	10	45	800	Black
426860514	60x60	3	54	M14	10	45	850	Black
426860516	60x60	3	54	M16	10	45	900	Black
426860520	60x60	3	54	M20	10	45	950	Black
426880516	80x80	3	74	M16	10	45	900	Black
426880520	80x80	3	74	M20	10	45	950	Black

8268 SQUARE TUBE ENDS WITH SS THREADED INSERTS

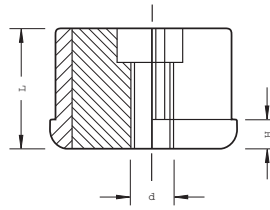
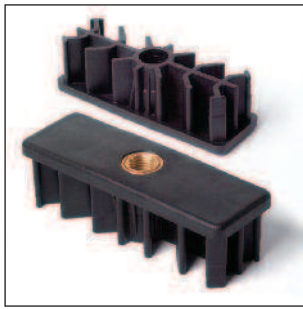


Stainless Steel AISI-303 insert.
 PA: Reinforced polyamide
 D1=Ext. dimension of the tube.
 D2=Int. dimension of the tube.
 * Max. static load.



Code	D1	Tube section	D2	d	H	L	Kg*	Color
826830210	30X30	1.5	27	M10	8	43	500	Black
826830212	30X30	1.5	27	M12	8	43	500	Black
826830216	30X30	1.5	27	M16	8	43	500	Black
826840210	40X40	1.5	37	M10	8	43	1000	Black
826840212	40X40	1.5	37	M12	8	43	1000	Black
826840216	40X40	1.5	37	M16	8	43	1000	Black
826840220	40X40	1.5	37	M20	8	43	1000	Black
826840310	40X40	2	36	M10	8	43	1000	Black
826840312	40X40	2	36	M12	8	43	1000	Black
826840316	40X40	2	36	M16	8	43	1000	Black
826840320	40X40	2	36	M20	8	43	1000	Black
826850216	50X50	1.5	47	M16	10	55	1200	Black
826850220	50X50	1.5	47	M20	10	55	1200	Black
826850224	50X50	1.5	47	M24	10	55	1200	Black
826850316	50X50	2	46	M16	10	55	1200	Black
826850320	50X50	2	46	M20	10	55	1200	Black
826850324	50X50	2	46	M24	10	55	1200	Black

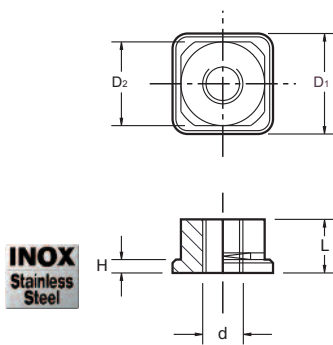
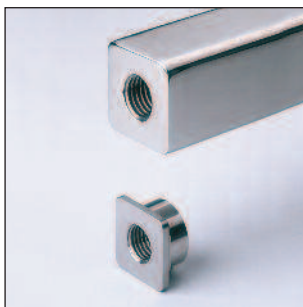




Brass insert.
 PA: Reinforced polyamide
 D1=Ext. dimension of the tube.
 D2=Int. dimension of the tube.
 * Max. static load.

Code	D1	Tube section	D2	d	H	L	Kg*	Color
428220308	20x50	2	16x46	M8	5	28	450	Black
428230308	30x60	2,5	25x55	M8	8	38	450	Black
428230310	30x60	2,5	25x55	M10	8	38	500	Black
428230312	30x60	2,5	25x55	M12	8	38	550	Black
428230316	30x60	2,5	25x55	M16	8	38	650	Black
428240316	40x80	2	36x76	M16	10	45	900	Black
428240320	40x80	2	36x76	M20	10	45	950	Black
428250302	50x100	2	46x96	M16	10	45	900	Black
428250303	50x100	2	46x96	M20	10	45	950	Black
428250305	50x100	3	44x94	M16	10	45	900	Black
428250306	50x100	3	44x94	M20	10	45	950	Black
428250316	50x150	3	44x144	M16	10	45	900	Black
428250320	50x150	3	44x144	M20	10	45	950	Black
428260316	60x120	3	54x114	M16	10	45	900	Black
428260320	60x120	3	54x114	M20	10	45	950	Black

8273-8274-8275 FRAME INSERTS P30 / P40 / P50











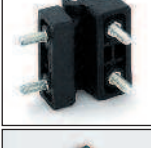






INOX
 Stainless Steel

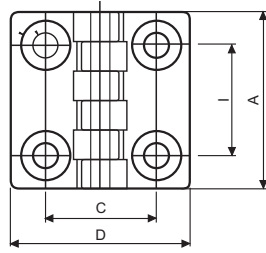
Weldable Stainless Steel threaded insert for square hollow sections.
 Stainless Steel AISI-303.
 *Max. recommended load.
 s= Tube thickness.

Code	D1	s	D2	d	H	L	Kg*	Color
827300112	30x30	2	26x26	M12	4	12	1500	Natural
827300016	30x30	2	26x26	M16	4	16	2000	Natural
827300212	30x30	3	24x24	M12	4	12	1500	Natural
827300116	30x30	3	24x24	M16	4	16	2000	Natural
827400116	40x40	2	36x36	M16	5	16	2000	Natural
827400120	40x40	2	36x36	M20	5	20	3000	Natural
827400216	40x40	3	34x34	M18	5	16	2000	Natural
827400220	40x40	3	34x34	M20	5	20	3000	Natural
827400024	40x40	3	34x34	M24	5	24	4000	Natural
827500116	50x50	2	46x46	M16	6	16	2000	Natural
827500120	50x50	2	46x46	M20	6	20	3000	Natural
827500024	50x50	2	46x46	M24	6	24	4000	Natural
827500216	50x50	3	44x44	M16	6	16	2000	Natural
827500220	50x50	3	44x44	M20	6	20	3000	Natural
827500124	50x50	3	44x44	M24	6	24	4000	Natural

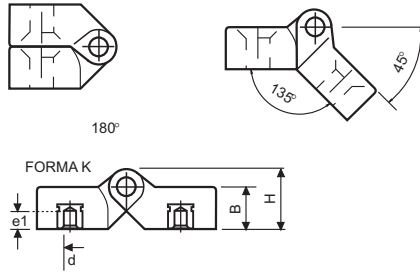
Hinges

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90			
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91			
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92			
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4754K FLAT HINGE K WITH THREADED INSERTS

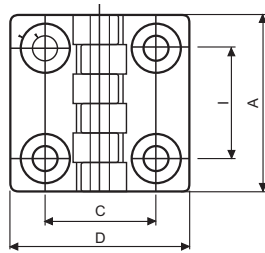
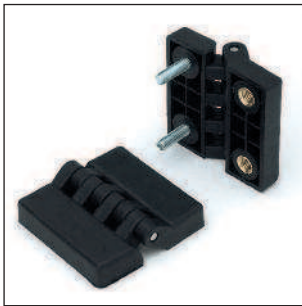


Code	A	D	I	C	H	B	d	e1	Color
475404301	48	48	30	30	15.5	10.5	M5	7	Black
475406301	64	64	40	40	19	13	M6	9	Black
475409301	95	95	60	63	28.5	19	M8	13	Black

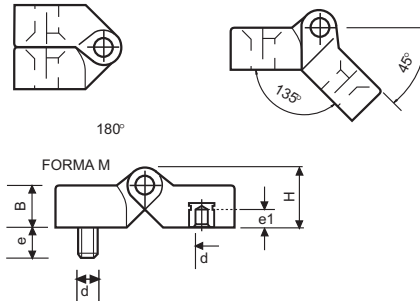


Brass inserts.
PA: Polyamide.
Zinc plated steel pin .

4754M FLAT HINGE M WITH THREADED INSERTS AND THREADED STUDS

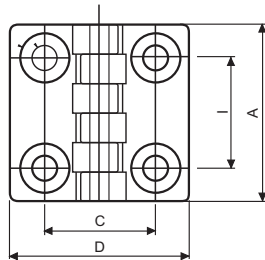


Code	A	D	I	C	H	B	d	e	e1	Color
475404701	48	48	30	30	15.5	10.5	M5	15	7	Black
475406701	64	64	40	40	19	13	M6	20	9	Black
475409701	95	95	60	63	28.5	19	M8	20	13	Black

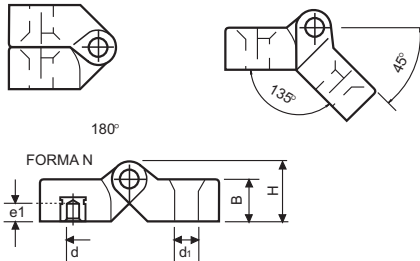


Treated steel studs and brass inserts.
PA: Polyamide.
Zinc plated steel pin.

4754N FLAT HINGE N WITH THROUGH HOLES AND THREADED INSERTS

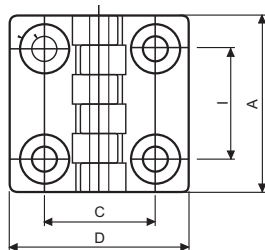


Code	A	D	I	C	H	B	d	d1	e1	Color
475404402	48	48	30	30	15.5	10.5	M6	6.5	7	Black
475406401	64	64	40	40	19	13	M6	6.5	9	Black

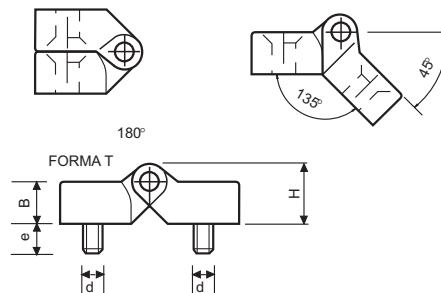


Brass inserts and through holes.
PA: Polyamide.
Zinc plated steel pin .

4754T FLAT HINGE T WITH THREADED STUDS



Code	A	D	I	C	H	B	d	e	Color
475404501	48	48	30	30	15.5	10.5	M5	15	Black
475406501	64	64	40	40	19	13	M6	20	Black
475409501	95	95	60	63	28.5	19	M8	20	Black

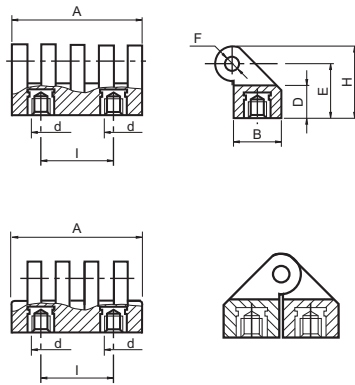


Treated steel studs.
PA: Polyamide.
Zinc plated steel pin .

4755K HK HINGE WITH THREADED INSERTS



Brass inserts.
PA: Polyamide.
Zinc plated steel pin. Complete rotation: 180°.

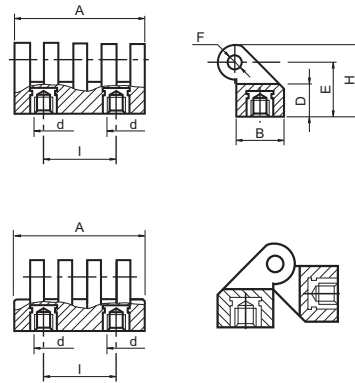


Code	A	D	I	d	E	B	H	F	Color
475503551	30	11	15	M5	19	17	25	4	Black
475505351	54	13	30	M6	22	20	29	5	Black
475507351	78	16	42	M8	31	30	42	8	Black

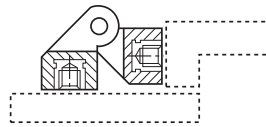
4755K* HK* HINGE WITH THREADED INSERTS



Brass inserts.
PA: Polyamide.
Zinc plated steel pin. Complete rotation: 180°.



Code	A	D	I	d	E	B	H	F	Color
475503553	30	11	15	M5	19	17	25	4	Black
475505353	54	13	30	M6	22	20	29	5	Black
475507353	78	16	42	M8	31	30	42	8	Black

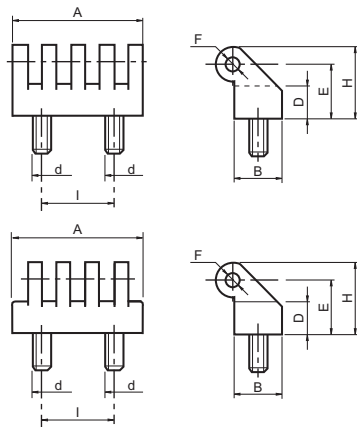


MOUNTING EXAMPLE

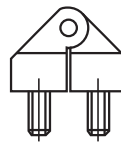
4755T HT HINGE WITH THREADED STUDS



Treated steel studs.
PA: Polyamide.
Zinc plated steel pin. Complete rotation: 180°.



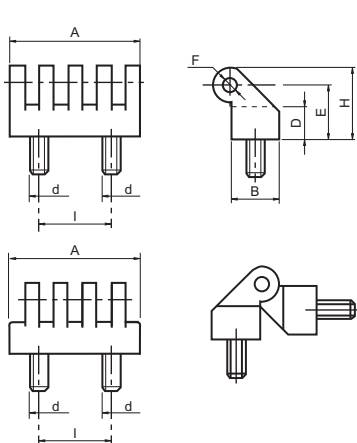
Code	A	D	I	d	E	B	H	F	Color
475503552	30	11	15	M5	19	17	25	4	Black
475505352	54	13	30	M6	22	20	29	5	Black
475507352	78	16	42	M8	31	30	42	8	Black



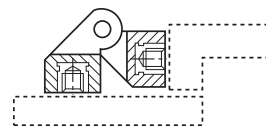
4755T* HT* HINGE WITH THREADED STUDS



Treated steel studs.
PA: Polyamide.
Zinc plated steel pin. Complete rotation: 180°.

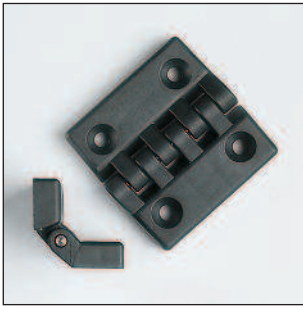


Code	A	D	I	d	E	B	H	F	Color
475503554	30	11	15	M5	19	17	25	4	Black
475505354	54	13	30	M6	22	20	29	5	Black
475507354	78	16	42	M8	31	30	42	8	Black

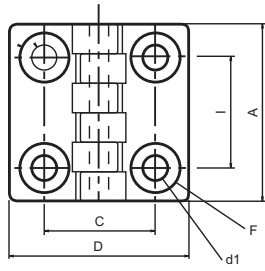


MOUNTING EXAMPLE

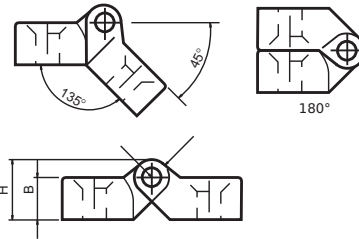
4756 THROUGH HOLE HINGE



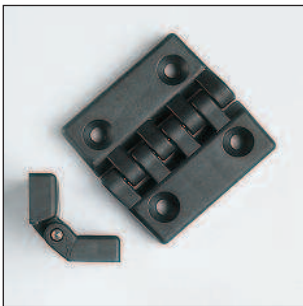
PA: Polyamide.
Zinc plated steel pin.



Code	A	D	I	C	d1	B	H	F	Color
475603050	32	32	20	20	4.5	7	10.5	8	Black
475604055	48	48	30	30	6.5	10.5	15.5	13	Black
475606056	64	64	40	40	6.5	13	19	13	Black
475609050	96	96	60	63	8.5	16	24	16	Black
475610050	96	96	60	63	10.5	16	24	20	Black

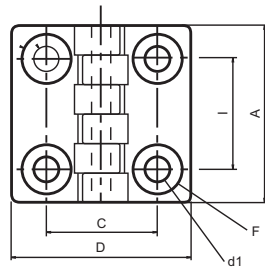


4756 THROUGH HOLE HINGE WITH STAINLESS STEEL PIN

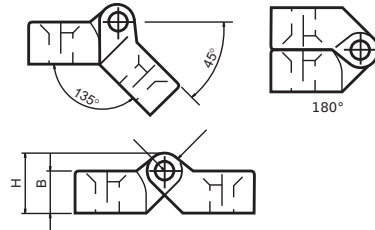


PA: Polyamide.
Stainless steel pin.

INOX
Stainless
Steel



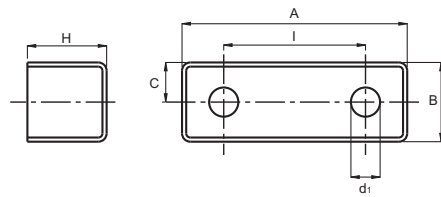
Code	A	D	I	C	d1	B	H	F	Color
475603150	32	32	20	20	4.5	7	10.5	8	Black
475604150	48	48	30	30	6.5	10.5	15.5	13	Black
475606150	64	64	40	40	6.5	13	19	13	Black
475609150	96	96	60	63	8.5	16	24	16	Black
475610150	96	96	60	63	10.5	16	24	20	Black



4757 SHIM FOR HINGE WITH THROUGH HOLES 4756



PA: Polyamide.

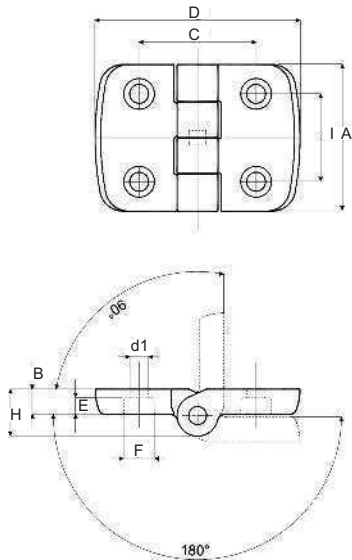


Code	A	I	C	d1	B	H	Color
475741030	48	30	8	8.5	22	22.5	Black
475741140	65	40	11	8.5	22	22.5	Black

4246 233 THROUGH HOLE HINGE



PA: Reinforced polyamide.
Pin made of stainless-steel.
Maximum rotation 270°.

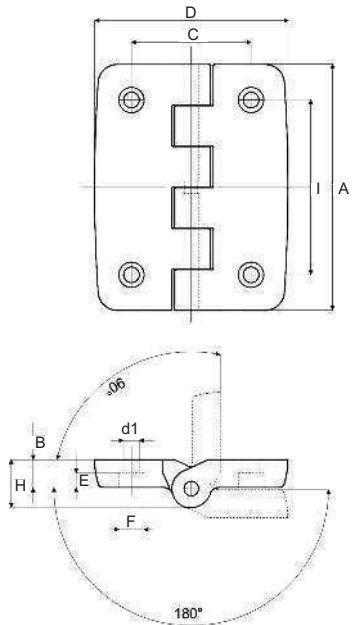


Code	A	D	I	C	d1	F	B	E	H	Color
424680970	50	50	34	34	5,5	10,5	8,5	3,5	16	Black
424680772	50	50	30	31	5,5	9	8,5	5	16	Black
424680773	50	70	30	40	6,5	10,5	8,5	6	16	Black
424680774	50	70	30	46	6,5	10,5	8,5	6	16	Black
424680775	50	70	30	46	8,5	13,5	8,5	5	16	Black

4247 234 THROUGH HOLE HINGE

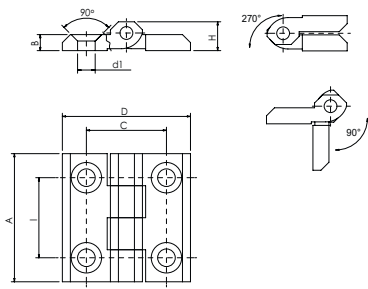


PA: Reinforced polyamide.
Pin made of stainless-steel.
Maximum rotation 270°.



Code	A	D	I	C	d1	F	B	E	H	Color
424780776	102	80	72,5	49,5	6,5	10,5	11,5	6	20	Black
424780777	102	80	72,5	49,5	8,5	13,5	11,5	8	20	Black

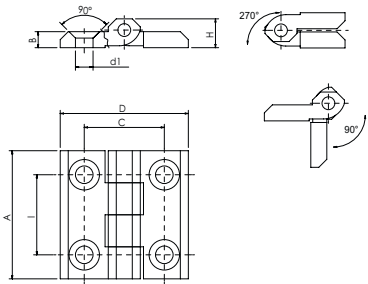
4756 BK METALIC THROUGH HOLE HINGE, BLACK



Code	A	D	I	C	d1	B	H	Color
475604910	40	40	25	25	5,5	5	9	Black
475605910	50	50	30	30	6,5	6	11,5	Black
475606910	60	60	36	36	6,5	6	11,5	Black
475607910	64	64	40	40	6,5	6	11,5	Black

Za: zinc die-cast, black.
Stainless steel pin AISI 303.

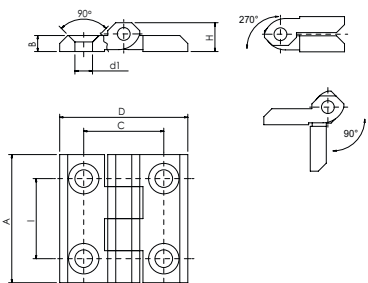
4756 CR METALIC THROUGH HOLE HINGE, CHROMED



Code	A	D	I	C	d1	B	H	Color
475604920	40	40	25	25	5,5	5	9	Chrome
475605920	50	50	30	30	6,5	6	11,5	Chrome
475606920	60	60	36	36	6,5	6	11,5	Chrome

Za: zinc die-cast, chromed.
Stainless steel pin AISI 303.




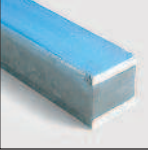










4756 INOX STAINLESS STEEL THROUGH HOLE HINGE



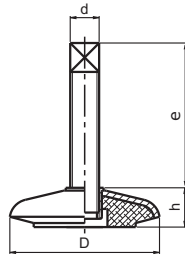
Code	A	D	I	C	d1	B	H	Color
475604930	40	40	25	25	5,5	5	9	Natural
475605930	50	50	30	30	6,5	6	11,5	Natural
475606930	60	60	36	36	6,5	6	11,5	Natural

SS: Stainless Steel AISI 316.
Stainless steel pin AISI 303.

AntivibrationMounts

Page		Page	
95		99	
95		100	
96			
96			
96			
97			
97			
98			
98			
98			
99			
99			

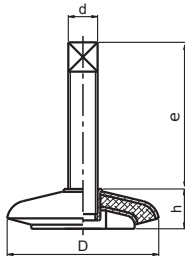
4101 RAPIDO ANTI-VIBRATION MOUNT



Code	D	d	e	h	Cd	Ce
410108012	80	M12	53	27	320	900
410111014	110	M14	93	32	550	1500
410114016	140	M16	91	39	750	2000
410120020	200	M20	113	62	1450	3600

Zinc plated steel base.
Stud with two washers and two nuts for adjusting.
Rubber compound oil and slide proof.
Cd: Max. dinamic load (Kg).
Ce: Max. static load (Kg).

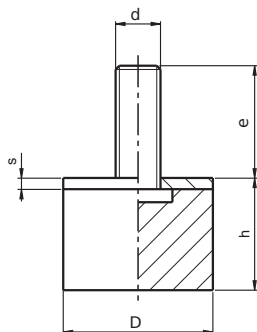
4103 MAQUINAS ANTI-VIBRATION MOUNT



Code	D	d	e	h	Cd	Ce
410308012	80	M12	53	27	400	1200
410311014	110	M14	93	32	650	1900
410314016	140	M16	91	39	900	2850
410320020	200	M20	113	62	1800	6000

Zinc plated steel base.
Stud with two washers and two nuts for adjusting.
Rubber compound oil and slide proof.
An intermediate lay of rubber gives higher capacity and vibration control.
Cd: Max. dinamic load (Kg).
Ce: Max. static load (Kg).

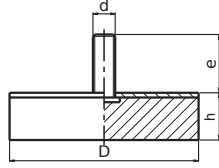
4111 P ANTI-VIBRATION MOUNT



Code	D	h	e	d	s	Cp	Cz
411101015	15	15	12	M4	1.5	20	4
411102015	20	15	15	M6	1.5	50	4
411102520	25	20	18	M6	2	60	6
411103020	30	20	23	M8	2	90	10
411104030	40	30	23	M8	2	100	16
411105030	50	30	27	M10	3	200	20
411106050	60	50	32	M12	3	230	25
411107525	75	25	37	M12	3	450	90
411107550	75	50	37	M12	3	350	70
411110050	100	50	46	M16	4	650	100

Rubber SBR 60°/65° shore A and zinc plated steel.
Used like feet for light machinery.
Cp: Max. load compression (Kg).
Cz: Max. load shear (Kg).

4113 PA ANTI-VIBRATION MOUNT



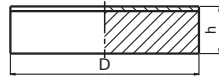
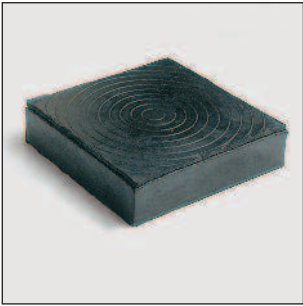
Code	D	h	e	d	C
411308010	80x80	26	27	M10	450
411312012	120x120	30	37	M12	900

Rubber SBR 60°/65° shore A and zinc plated steel.

Used like feet for light machinery.

C: Max. load compression(Kg).

4114 PS ANTI-VIBRATION MOUNT



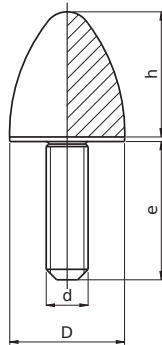
Code	D	h	C
411408000	80x80	26	450
411412000	120x120	30	900

Rubber SBR 60°/65° shore A and zinc plated steel.

Used as a feet for light machinery.

C: Max. load compression(Kg).

4117 AV ANTI-VIBRATION MOUNT

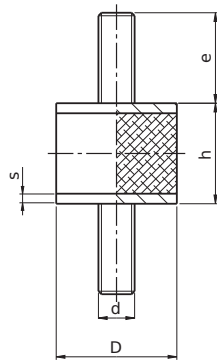
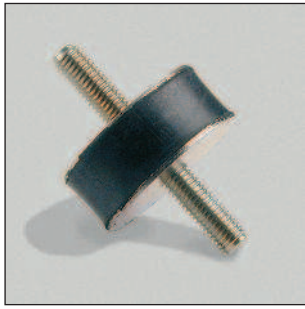


Code	D	h	e	d
411702530	25	30	18	M6
411703040	30	40	23	M8
411704050	40	50	23	M8
411705055	50	55	27	M10
411707570	75	70	37	M12
411710085	100	85	46	M16

Rubber SBR 65° shore A and zinc plated steel.

Used as shock-absorbers, feet and stroke end.

4121 M ANTI-VIBRATION MOUNT



Rubber SBR 60°/65° shore A and zinc plated steel.

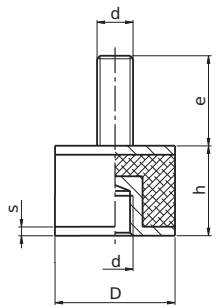
More sizes on demand.

Cp: Max. load compression(Kg).

Cz: Max.load shear (Kg).

Code	D	h	e	d	s	Cp	Cz
412101210	12	10	10	M5	1.5	15	2
412101515	15	15	12	M4	1.5	20	4
412102010	20	10	12	M6	1.5	50	4
412102015	20	15	15	M6	1.5	50	4
412102020	20	20	15	M6	1.5	40	3
412102520	25	20	18	M6	2	60	6
412102530	25	30	18	M6	2	40	4
412103020	30	20	23	M8	2	90	10
412103030	30	30	23	M8	2	80	8
412103038	30	38	23	M8	2	65	6
412104030	40	30	23	M8	2	120	16
412104035	40	35	23	M8	2	100	14
412105020	50	20	27	M10	3	220	22
412105030	50	30	27	M10	3	200	20
412105040	50	40	27	M10	3	170	18
412105050	50	50	27	M10	3	150	14
412106550	65	50	37	M12	2	350	30
412107525	75	25	37	M12	3	500	90
412107540	75	40	37	M12	3	490	80
412107550	75	50	37	M12	3	480	70
412110050	100	50	46	M16	3	850	100
412110055	100	55	46	M16	4	800	80
412110060	100	60	46	M16	4	700	50

4122 MF ANTI-VIBRATION MOUNT



Rubber SBR 60°/65° shore A and zinc plated steel.

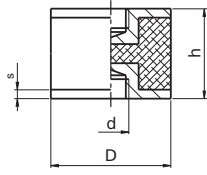
More sizes on demand.

Cp: Max. load compression(Kg).

Cz: Max.load shear (Kg).

Code	D	h	e	d	s	Cp	Cz
412201515	15	15	12	M4	1.5	20	4
412202015	20	15	15	M6	1.5	50	4
412202020	20	20	15	M6	1.5	40	3
412202520	25	20	18	M6	2	60	6
412202530	25	30	18	M6	2	40	4
412203020	30	20	23	M8	2	90	10
412203030	30	30	23	M8	2	80	8
412203038	30	38	23	M8	2	65	6
412204030	40	30	23	M8	2	120	16
412204035	40	35	23	M8	2	100	14
412205020	50	20	27	M10	3	220	22
412205030	50	30	27	M10	3	200	20
412205040	50	40	27	M10	3	170	18
412205050	50	50	27	M10	3	150	14
412206550	65	50	37	M12	2	350	30
412207525	75	25	37	M12	3	500	90
412207540	75	40	37	M12	3	490	80
412207550	75	50	37	M12	3	480	70
412210050	100	50	46	M16	3	850	100
412210055	100	55	46	M16	4	800	80
412210060	100	60	46	M16	4	700	50

4123 2F ANTI-VIBRATION MOUNT



Rubber SBR 60°/65° shore A and zinc plated steel.

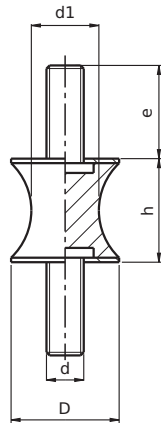
More sizes on demand.

Cp: Max. load compression (Kg).

Cz: Max. load shear (Kg).

Code	D	h	d	s	Cp	Cz
412301515	15	15	M4	1.5	20	4
412302020	20	20	M6	1.5	40	3
412302520	25	20	M6	2	60	6
412302530	25	30	M6	2	40	4
412303020	30	20	M8	2	90	10
412303030	30	30	M8	2	80	8
412303038	30	38	M8	2	65	6
412304030	40	30	M8	2	120	16
412304035	40	35	M8	2	100	14
412305030	50	30	M10	3	200	20
412305040	50	40	M10	3	170	18
412305050	50	50	M10	3	150	14
412306550	65	50	M12	2	350	30
412307525	75	25	M12	3	500	90
412307540	75	40	M12	3	490	80
412307550	75	50	M12	3	480	70
412310050	100	50	M16	3	850	100
412310055	100	55	M16	4	800	80
412310060	100	60	M16	4	700	50

4125 SGOLATI ANTI-VIBRATION MOUNT



Rubber SBR 60°/65° shore A and zinc plated steel.

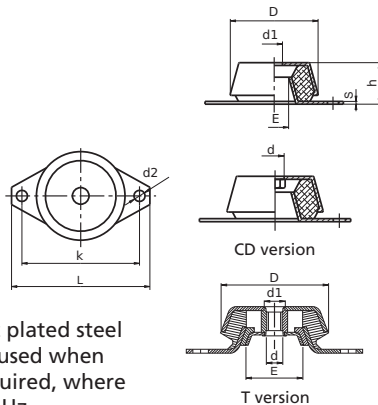
Specially suitable to fix equipments being very sensitive to vibrations, control panels, light machinery, suspended instruments panels.

Cp: Max. load compression (Kg).

Cz: Max. load shear (Kg).

Code	D	h	d1	d	e	Cp	Cz
412501207	12	15	7	M4	10	2-3	0.8
412502410	24	20	10	M6	10	10-20	3
412504019	40	30	19	M8	23	15-28	6
412504027	40	30	27	M8	23	30-60	12
412507061	75	40	61	M12	37	120-240	50

4131 SIRIO ANTI-VIBRATION MOUNT



Rubber SBR 55° shore A and zinc plated steel Cushy-float flanged mountings, used when good transversal flexibility is required, where frequency are between 8 and 12 Hz.

Used in diesel engines, marine engines, refrigerators, agricultural machines, generators. Version T recommended for marine motors, tractor cabins, etc.

Ce: Max. static load (Kg)

Code	D	E	d2	h	k	L	s	d1	d	Ce	Version
413106010	62	25	8	30	85	100	2	10	-	200	-
413109016	92	42	10	42	110	130	3	16	-	350	-
413111024	115	60	16	48	160	190	4	24	-	600	-
413106310	62	25	8	30	85	100	2	-	M10	200	CD
413109316	92	42	10	42	110	130	3	-	M16	350	CD
413111324	115	60	16	48	160	190	4	-	M24	600	CD
413106510	62	25	8	30	85	100	2	14	M10	200	T
413109516	92	44	10	42	110	130	3	20	M16	350	T
413111524	115	61	16	48	160	190	4	22	M18	600	T

4131 SIRIO SS ANTI-VIBRATION MOUNT



INOX
Stainless Steel

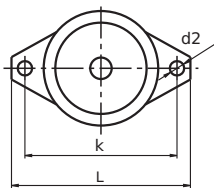
Rubber SBR 55° shore A, bell and base stainless steel AISI 304 and brushing stainless steel AISI 303.

Cushy-float flanged mountings, used when good transversal flexibility is required, where frequency is between 8 and 12 Hz.

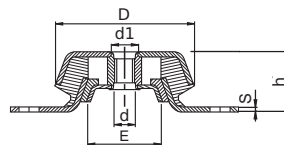
Used in diesel engines, marine engines, refrigerators, agricultural machines, generators.

Also recommended for food industry machinery, marine sector and for environments subject to rust and mildew.

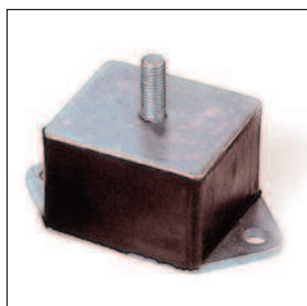
Ce: Max. static load (Kg).



Code	D	E	d2	h	k	L	s	d1	d	Ce
413106710	62	25	8	30	85	100	2	14	M10	200
413109716	92	44	10	42	110	130	3	20	M16	350
413111724	115	61	16	48	160	190	4	22	M18	600



4133 LONG-LIFE ANTI-VIBRATION MOUNT

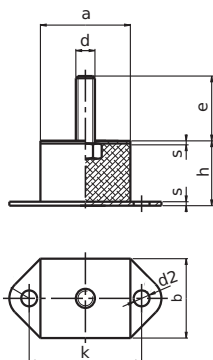


Rubber SBR 60°/65° shore A and zinc plated steel.

Oil and heat resistant.

Used as vehicle suspension springs, conveyor systems, electric engines.

Cp: Max. load compression (Kg).



Code	b	a	k	h	e	d2	d	s	Cp
413308075	70	80	105	53	30	10.5	M12	5	950

4135 REBO ANTI-VIBRATION MOUNT

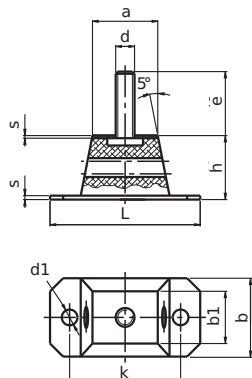


Rubber SBR 60°/65° shore A and zinc plated steel.

Oil resistant, vertical and transversal flexibility (the rubber is specially flexible in this model).

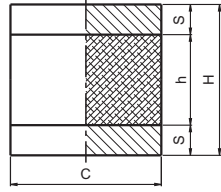
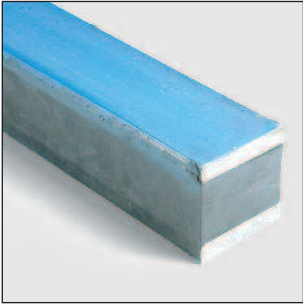
Used in electric fans, motor pumps, compressors, machine tools, generating sets.

Cp: Max. load compression (Kg).



Code	d1	b	b1	L	a	k	s	h	e	d	Cp
413500050	12	60	40	115	50	85	3	46	40	M12	500
413500100	12	60	40	165	100	135	3	46	40	M12	1200
413500150	12	60	40	215	150	185	3	46	40	M12	1400
413500200	12	60	40	265	200	235	3	46	40	M12	1600

4137 BARRA ANTI-VIBRATION MOUNT



Code	c	h	H	S	Long.	C
413705000	50	30	50	10	1000	14
413706000	60	40	60	10	1000	14
413707000	70	40	60	10	1000	14
413708000	80	40	60	10	1000	14
413710000	100	36	60	12	1000	14

The antivibrating bars have been built to support high working loads. They are particularly indicated for any type of generating set.

Max. load compression of 15% rubber height. This means aprox. 14 Kg/cm².

The antivibrating bars are manufactured in synthetic rubber, hardness 65° shore A (±5). The metal parts are blue lacquered. C=Kg/cm².

Spring Plungers & Index Plungers

Page

101



101



101



102



102



102



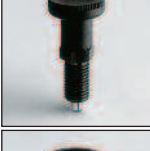
103



103



103



104



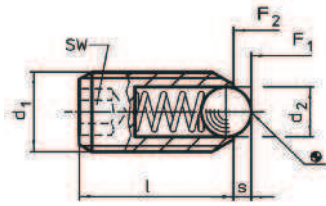
104



104



3722B STEEL SPRING PLUNGER WITH BALL & INTERNAL HEXAGON



Body: Free cutting steel, blackened.
 Ball: Ball-bearing steel, hardened.
 Stainless steel spring.
 Temperature range up to 250°C.
 Standard spring load: no marking.
 Heavy spring load: marked with two lines.
 * Statistical average value.



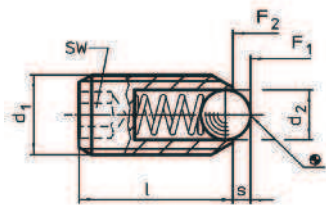
Standard Load



Heavy Load

Code	d1	d2	l	s	SW	F1* (N)	F2* (N)	Spring
372200003	M3	1.5	8	0.4	1.5	3	4.5	Standard Load
372200004	M4	2.5	12	0.8	2	8.5	14	Standard Load
372200005	M5	3	14	0.9	2.5	8	14	Standard Load
372200006	M6	3.5	15	1	3	11	18	Standard Load
372200008	M8	4.5	18	1.5	4	18	31	Standard Load
372200010	M10	6	23	2	5	24	45	Standard Load
372200012	M12	8	26	2.5	6	26	49	Standard Load
372200016	M16	10	33	3.5	8	41	86	Standard Load
372200020	M20	12	43	4.5	10	56	111	Standard Load
372200024	M24	15	48	5.5	12	81	151	Standard Load
372200045	M5	3	14	0.9	2.5	15	22	Heavy Load
372200046	M6	3.5	15	1	3	19	28	Heavy Load
372200048	M8	4.5	18	1.5	4	36	62	Heavy Load
372200050	M10	6	23	2	5	57	104	Heavy Load
372200052	M12	8	26	2.5	6	61	110	Heavy Load
372200056	M16	10	33	3.5	8	68	142	Heavy Load
372200060	M20	12	43	4.5	10	84	166	Heavy Load
372200064	M24	15	48	5.5	12	127	237	Heavy Load

3722B STAINLESS STEEL SPRING PLUNGER WITH BALL & INTERNAL HEXAGON



Body: Stainless steel 1.4305 (SS).
 Ball: Stainless steel, hardened.
 Stainless steel spring.
 Temperature range up to 250°C.
 Standard spring load: no marking.
 Heavy spring load: marked with two lines.
 * Statistical average value.



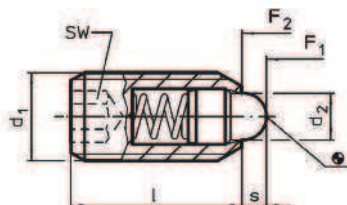
Standard Load



Heavy Load

Code	d1	d2	l	s	SW	F1* (N)	F2* (N)	Spring
372200203	M3	1.5	8	0.4	1.5	3	4.5	Standard Load
372200204	M4	2.5	12	0.8	2	8.5	14	Standard Load
372200205	M5	3	14	0.9	2.5	8	14	Standard Load
372200206	M6	3.5	15	1	3	11	18	Standard Load
372200208	M8	4.5	18	1.5	4	18	31	Standard Load
372200210	M10	6	23	2	5	24	45	Standard Load
372200212	M12	8	26	2.5	6	26	49	Standard Load
372200216	M16	10	33	3.5	8	41	86	Standard Load
372200220	M20	12	43	4.5	10	56	111	Standard Load
372200224	M24	15	48	5.5	12	81	151	Standard Load
372200245	M5	3	14	0.9	2.5	15	22	Heavy Load
372200246	M6	3.5	15	1	3	19	28	Heavy Load
372200248	M8	4.5	18	1.5	4	36	62	Heavy Load
372200250	M10	6	23	2	5	57	104	Heavy Load
372200252	M12	8	26	2.5	6	61	110	Heavy Load
372200256	M16	10	33	3.5	8	68	142	Heavy Load
372200260	M20	12	43	4.5	10	84	166	Heavy Load
372200264	M24	15	48	5.5	12	127	237	Heavy Load

3722V STEEL SPRING PLUNGER WITH PIN & INTERNAL HEXAGON



Body: Free cutting steel, blackened.
 Pin: Free cutting steel, hardened & blackened.
 Stainless steel spring.
 Temperature range up to 250°C.
 Standard spring load: no marking.
 Heavy spring load: marked with two lines.
 * Statistical average value.



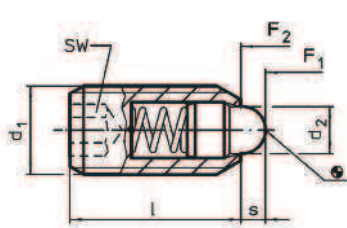
Standard Load



Heavy Load

Code	d1	d2	l	s	SW	F1* (N)	F2* (N)	Spring
372200104	M4	1.8	12	1.5	2	4.5	12.5	Standard Load
372200105	M5	2.4	14	2	2.5	5	13	Standard Load
372200106	M6	2.7	15	2	3	6	17	Standard Load
372200108	M8	3.8	18	2	4	16	33	Standard Load
372200110	M10	4.5	23	2.5	5	19	42	Standard Load
372200112	M12	6.2	26	3.5	6	22	57	Standard Load
372200116	M16	8.5	33	4.5	8	38	78	Standard Load
372200120	M20	10	43	6.5	10	39	81	Standard Load
372200124	M24	13	48	8	12	72	155	Standard Load
372200146	M6	2.7	15	2	3	11	25	Heavy Load
372200148	M8	3.8	18	2	4	23	59	Heavy Load
372200150	M10	4.5	23	2.5	5	20	54	Heavy Load
372200152	M12	6.2	26	3.5	6	38	96	Heavy Load
372200156	M16	8.5	33	4.5	8	50	100	Heavy Load
372200160	M20	10	43	6.5	10	52	133	Heavy Load
372200164	M24	13	48	8	12	91	223	Heavy Load

3722V STAINLESS STEEL SPRING PLUNGER WITH PIN & INTERNAL HEXAGON



Code	d1	d2	l	s	SW	F1* (N)	F2* (N)	Spring
372200304	M4	1.8	12	1.5	2	4.5	12.5	Standard Load
372200305	M5	2.4	14	2	2.5	5	13	Standard Load
372200306	M6	2.7	15	2	3	6	17	Standard Load
372200308	M8	3.8	18	2	4	16	33	Standard Load
372200310	M10	4.5	23	2.5	5	19	42	Standard Load
372200312	M12	6.2	26	3.5	6	22	57	Standard Load
372200316	M16	8.5	33	4.5	8	38	78	Standard Load
372200320	M20	10	43	6.5	10	39	81	Standard Load
372200324	M24	13	48	8	12	72	155	Standard Load
372200346	M6	2.7	15	2	3	11	25	Heavy Load
372200348	M8	3.8	18	2	4	23	59	Heavy Load
372200350	M10	4.5	23	2.5	5	20	54	Heavy Load
372200352	M12	6.2	26	3.5	6	38	96	Heavy Load
372200356	M16	8.5	33	4.5	8	50	100	Heavy Load
372200360	M20	10	43	6.5	10	52	133	Heavy Load
372200364	M24	13	48	8	12	91	223	Heavy Load

Body: Stainless steel 1.4305 (SS).
 Pin: Stainless steel 1.4305.
 Stainless steel spring.
 Temperature range up to 250°C.
 Standard spring load: no marking.
 Heavy spring load: marked with two lines.
 * Statistical average value.

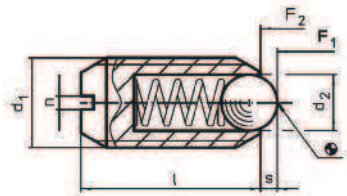


Standard Load



Heavy Load

3775B STEEL SPRING PLUNGER WITH BALL & SLOT



Code	d1	d2	l	s	n	F1* (N)	F2* (N)	Spring
377500003	M3	1.5	7	0.4	0.4	3	4.5	Standard Load
377500004	M4	2.5	9	0.8	0.6	8.5	14	Standard Load
377500005	M5	3	12	0.9	0.8	8	14	Standard Load
377500006	M6	3.5	14	1	1	11	18	Standard Load
377500008	M8	4.5	16	1.5	1.2	18	31	Standard Load
377500010	M10	6	19	2	1.5	24	45	Standard Load
377500012	M12	8	22	2.5	2	26	49	Standard Load
377500016	M16	10	24	3.5	2	41	86	Standard Load
377500020	M20	12	30	4.5	2.5	56	111	Standard Load
377500024	M24	15	34	5.5	3	81	151	Standard Load
377500205	M5	3	12	0.9	0.8	15	22	Heavy Load
377500206	M6	3.5	14	1	1	19	28	Heavy Load
377500208	M8	4.5	16	1.5	1.2	36	62	Heavy Load
377500210	M10	6	19	2	1.5	57	104	Heavy Load
377500212	M12	8	22	2.5	2	61	110	Heavy Load
377500216	M16	10	24	3.5	2	68	142	Heavy Load
377500220	M20	12	30	4.5	2.5	84	166	Heavy Load
377500224	M24	15	34	5.5	3	127	237	Heavy Load

Body: Free cutting steel, blackened.
 Ball: Ball-bearing steel, hardened.
 Stainless steel spring.
 Temperature range up to 250°C.
 Standard spring load: no marking.
 Heavy spring load: marked with two lines.
 * Statistical average value.

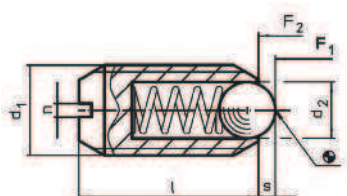


Standard Load



Heavy Load

3775B STAINLESS STEEL SPRING PLUNGER WITH BALL & SLOT



Code	d1	d2	l	s	n	F1* (N)	F2* (N)	Spring
377500402	M2	1.0	4	0.3	0.25	0.8	1.5	Standard Load
377500403	M3	1.5	7	0.4	0.4	3	4.5	Standard Load
377500404	M4	2.5	9	0.8	0.6	8.5	14	Standard Load
377500405	M5	3	12	0.9	0.8	8	14	Standard Load
377500406	M6	3.5	14	1	1	11	18	Standard Load
377500408	M8	4.5	16	1.5	1.2	18	31	Standard Load
377500410	M10	6	19	2	1.5	24	45	Standard Load
377500412	M12	8	22	2.5	2	26	49	Standard Load
377500416	M16	10	24	3.5	2	41	86	Standard Load
377500420	M20	12	30	4.5	2.5	56	111	Standard Load
377500424	M24	15	34	5.5	3	81	151	Standard Load
377500605	M5	3	12	0.9	0.8	15	22	Heavy Load
377500606	M6	3.5	14	1	1	19	28	Heavy Load
377500608	M8	4.5	16	1.5	1.2	36	62	Heavy Load
377500610	M10	6	19	2	1.5	57	104	Heavy Load
377500612	M12	8	22	2.5	2	61	110	Heavy Load
377500616	M16	10	24	3.5	2	68	142	Heavy Load
377500620	M20	12	30	4.5	2.5	84	166	Heavy Load
377500624	M24	15	34	5.5	3	127	237	Heavy Load

Body: Stainless steel 1.4305 (SS).
 Ball: Stainless steel, hardened.
 Stainless steel spring.
 Temperature range up to 250°C.
 Standard spring load: no marking.
 Heavy spring load: marked with two lines.
 * Statistical average value.

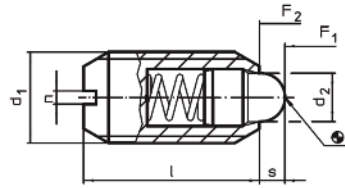


Standard Load



Heavy Load

3775V STEEL SPRING PLUNGER WITH PIN & SLOT



Body: Free cutting steel, blackened.
 Pin: Free cutting steel, hardened & blackened.
 Stainless steel spring.
 Temperature range up to 250°C.
 Standard spring load: no marking.
 Heavy spring load: marked with two lines.
 * Statistical average value.



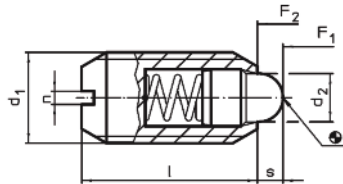
Standard Load



Heavy Load

Code	d1	d2	l	s	n	F1* (N)	F2* (N)	Spring
377500104	M4	1.8	9	1.5	0.6	4.5	12.5	Standard Load
377500105	M5	2.4	12	2	0.8	5	13	Standard Load
377500106	M6	2.7	14	2	1	6	17	Standard Load
377500108	M8	3.8	16	2	1.2	16	33	Standard Load
377500110	M10	4.5	19	2.5	1.5	19	42	Standard Load
377500112	M12	6.2	22	3.5	2	22	57	Standard Load
377500116	M16	8.5	24	4.5	2	38	78	Standard Load
377500120	M20	10	30	6.5	2.5	39	81	Standard Load
377500124	M24	13	34	8	3	72	155	Standard Load
377500306	M6	2.7	14	2	1	11	25	Heavy Load
377500308	M8	3.8	16	2	1.2	23	59	Heavy Load
377500310	M10	4.5	19	2.5	1.5	20	54	Heavy Load
377500312	M12	6.2	22	3.5	2	38	96	Heavy Load
377500316	M16	8.5	24	4.5	2	50	100	Heavy Load
377500320	M20	10	30	6.5	2.5	52	133	Heavy Load
377500324	M24	13	34	8	3	91	223	Heavy Load

3775V STAINLESS STEEL SPRING PLUNGER WITH PIN & SLOT



Body: Stainless steel 1.4305 (SS).
 Pin: Stainless steel 1.4305.
 Stainless steel spring.
 Temperature range up to 250°C.
 Standard spring load: no marking.
 Heavy spring load: marked with two lines.
 * Statistical average value.



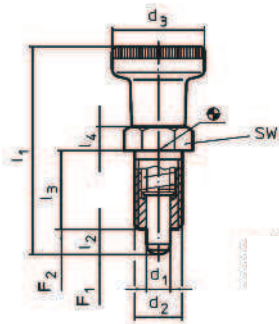
Standard Load



Heavy Load

Code	d1	d2	l	s	n	F1* (N)	F2* (N)	Spring
377500504	M4	1.8	9	1.5	0.6	4.5	12.5	Standard Load
377500505	M5	2.4	12	2	0.8	5	13	Standard Load
377500506	M6	2.7	14	2	1	6	17	Standard Load
377500508	M8	3.8	16	2	1.2	16	33	Standard Load
377500510	M10	4.5	19	2.5	1.5	19	42	Standard Load
377500512	M12	6.2	22	3.5	2	22	57	Standard Load
377500516	M16	8.5	24	4.5	2	38	78	Standard Load
377500520	M20	10	30	6.5	2.5	39	81	Standard Load
377500524	M24	13	34	8	3	72	155	Standard Load
377500706	M6	2.7	14	2	1	11	25	Heavy Load
377500708	M8	3.8	16	2	1.2	23	59	Heavy Load
377500710	M10	4.5	19	2.5	1.5	20	54	Heavy Load
377500712	M12	6.2	22	3.5	2	38	96	Heavy Load
377500716	M16	8.5	24	4.5	2	50	100	Heavy Load
377500720	M20	10	30	6.5	2.5	52	133	Heavy Load
377500724	M24	13	34	8	3	91	223	Heavy Load

3778SB STEEL INDEX PLUNGER WITHOUT LOCKING



LOCK NUTS

Code	d2
377800115	M10x1,0
377800116	M12x1,5
377800118	M16x1,5
377800120	M20x1,5

Body: Free cutting steel, blackened.
 Locking pin: Steel hardened.
 Thermoplastic PA 6 knob, black, dull. Not removable.
 Temperature range from - 30 °C up to + 80 °C.
 Lock nuts have to be purchased separately.
 * Statistical average value.

LOCK NUTS

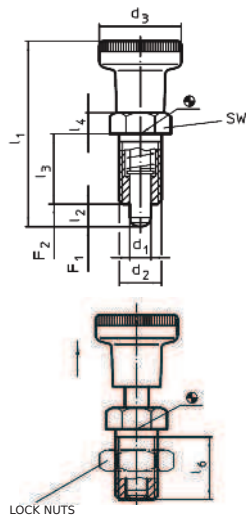
Code	d1	d2	d3	l1	l2	l3	l4	l6	WS	F1* (N)	F2* (N)
377800005	5	M10x1,0	21	45,0	5	17	5	15	12	6,0	14
377800006	6	M12x1,5	25	54,5	6	20	6	17	14	5,5	13
377800008	8	M16x1,5	31	69,0	8	26	8	23	19	11,5	28
377800010	10	M20x1,5	31	80,0	10	33	10	30	22	23,0	54

3778SB STAINLESS STEEL INDEX PLUNGER WITHOUT LOCKING



INOX
Stainless Steel

Body: Stainless steel 1.4305.
Locking pin: Stainless steel 1.4305, nickel-plated.
Thermoplastic PA 6 knob, black, dull.
Not removable.
Temperature range from -30 °C up to +80 °C.
Lock nuts have to be purchased separately.
* Statistical average value.



Code	d1	d2	d3	l1	l2	l3	l4	l6	WS	F1* (N)	F2* (N)
377800405	5	M10x1,0	21	45,0	5	17	5	15	12	6,0	14
377800406	6	M12x1,5	25	54,5	6	20	6	17	14	5,5	13
377800408	8	M16x1,5	31	69,0	8	26	8	23	19	11,5	28
377800410	10	M20x1,5	31	80,0	10	33	10	30	22	23,0	54



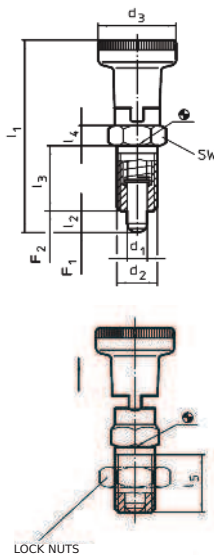
LOCK NUTS

Code	d2
377800515	M10x1,0
377800516	M12x1,5
377800518	M16x1,5
377800520	M20x1,5

3778CB STEEL INDEX PLUNGER WITH LOCKING



Body: Free cutting steel, blackened.
Locking pin: Steel, hardened.
Thermoplastic PA 6 knob, black, dull.
Not removable.
Temperature range from -30 °C up to +80 °C.
Lock nuts have to be purchased separately.
The knob can be locked by pulling it out and turning it 90°, when locking pin is in retracted position.
* Statistical average value.



Code	d1	d2	d3	l1	l2	l3	l4	l5	WS	F1* (N)	F2* (N)
377800205	5	M10x1,0	21	51,0	5	17	5	15	12	6,0	14
377800206	6	M12x1,5	25	61,0	6	20	6	17	14	5,5	13
377800208	8	M16x1,5	31	75,5	8	26	8	23	19	11,5	28
377800210	10	M20x1,5	31	91,0	10	33	10	30	22	23,0	54



LOCK NUTS

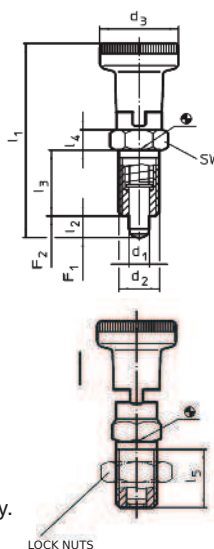
Code	d2
377800115	M10x1,0
377800116	M12x1,5
377800118	M16x1,5
377800120	M20x1,5

3778CB STAINLESS STEEL INDEX PLUNGER WITH LOCKING



INOX
Stainless Steel

Body: Stainless steel 1.4305.
Locking pin: Stainless steel 1.4305, nickel-plated.
Thermoplastic PA 6 knob, black, dull. Not removable.
Temperature range from -30 °C up to +80 °C.
Lock nuts have to be purchased separately.
The knob can be locked by pulling it out and turning it 90°, when locking pin is in retracted position.
* Statistical average value.





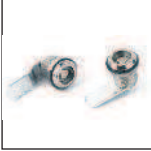






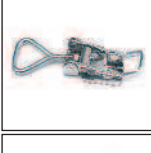


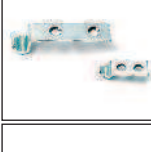

Code	d1	d2	d3	l1	l2	l3	l4	l5	WS	F1* (N)	F2* (N)
377800605	5	M10x1,0	21	51,0	5	17	5	15	12	6,0	14
377800606	6	M12x1,5	25	61,0	6	20	6	17	14	5,5	13
377800608	8	M16x1,5	31	75,5	8	26	8	23	19	11,5	28
377800610	10	M20x1,5	31	91,0	10	33	10	30	22	23,0	54



LOCK NUTS

Code	d2
377800515	M10x1,0
377800516	M12x1,5
377800518	M16x1,5
377800520	M20x1,5

Lockings

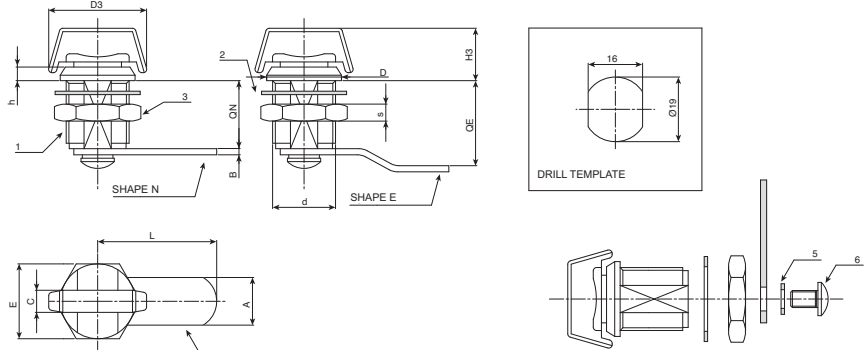
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106			
106			
107			
107			
108			
108			
109			
109			
109			
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4727 UNIVERSAL TUBULAR LOCK WITH KNOB



Code	d	L	Qn	Qe	D	D3	H3	h	A	B	C	E	S	Shape
472720002	M19	30	20	-	22	29	15	4	14	2.5	6.5	22	5	N
472725102	M19	30	-	25	22	29	15	4	14	2.5	6.5	22	5	E

- (1) Die-cast zamak lock body M19 (stator) rotor and knob. Nickel-plated finish.
 - (2) Black-oxide treated elastic washer d.24x1 bore d. 19,4.
 - (3) Galvanized steel hexagon nut M19x1.
 - (4) Galvanized steel locking lever. (Qn shape N flat - Qe shape E offset).
 - (5) Conical black-oxide treated steel elastic washer d.12x1,5.
 - (6) Galvanised steel Phillips dome head screw M5x8.
- Rotation: 90°



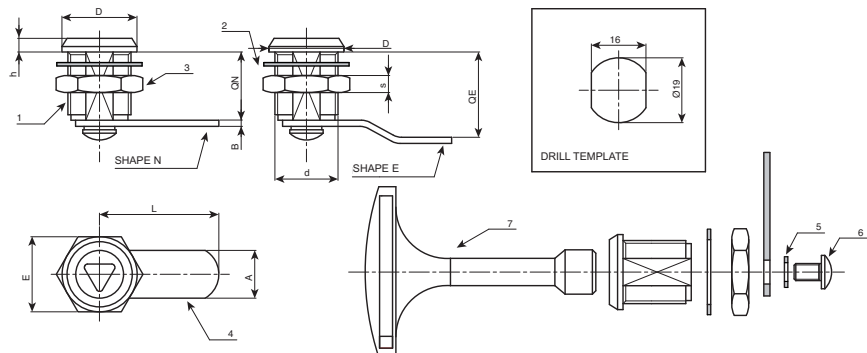
4727T UNIVERSAL TUBULAR LOCK WITH 6MM. TRIANGULAR INSERT KEY



Code	d	L	Qn	Qe	D	h	A	B	E	S	Shape
472720001	M19	35	20	-	22	4	14	2.5	22	5	N
472722000	M19	35	-	22	22	4	14	2.5	22	5	E
472725101	M19	30	-	25	22	4	14	2.5	22	5	E
472729101	M19	39	-	29	22	4	14	2.5	22	5	E
472737101	M19	35	-	37	22	4	14	2.5	22	5	E

Option(7):
Nickel-plated die-cast zamak key. (Code 472801001).
The key is not supplied. Order separately.

- (1) Die-cast zamak lock body M19 (stator) and rotor. Nickel-plated finish. 6 mm. triangular key.
 - (2) Black-oxide treated elastic washer d.24x1 bore d. 19,4.
 - (3) Galvanized steel hexagon nut M19x1.
 - (4) Galvanized steel locking lever. (Qn shape N flat - Qe shape E offset).
 - (5) Conical black-oxide treated steel elastic washer d.12x1,5.
 - (6) Galvanised steel Phillips dome head screw M5x8.
- Rotation: 90°.



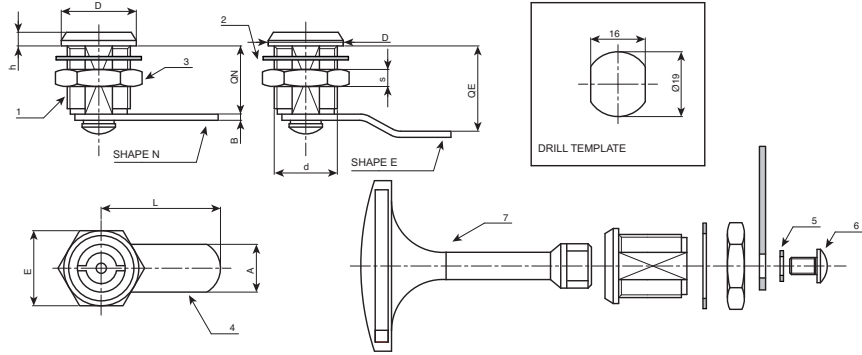
4727W UNIVERSAL TUBULAR LOCK WITH 3 MM. WINGED TUBE KEY



Code	d	L	Qn	Qe	D	h	A	B	E	S	Shape
472720003	M19	35	20	-	22	4	14	2.5	22	5	N
472722001	M19	35	-	22	22	4	14	2.5	22	5	E
472725103	M19	30	-	25	22	4	14	2.5	22	5	E
472729103	M19	39	-	29	22	4	14	2.5	22	5	E
472737103	M19	35	-	37	22	4	14	2.5	22	5	E

Option (7):
Nickel-plated die-cast zamak key. (Code 472802001).
The key is not supplied. Order separately.

- (1) Die-cast zamak lock body M19 (stator) and rotor. Nickel-plated finish. 3 mm winged tubular key.
 - (2) Black-oxide treated elastic washer d.24x1 bore d. 19,4.
 - (3) Galvanized steel hexagon nut M19x1.
 - (4) Galvanized steel locking lever. (Qn shape N flat - Qe shape E offset).
 - (5) Conical black-oxide treated steel elastic washer d.12x1,5.
 - (6) Galvanized steel Phillips dome head screw M5x8.
- Rotation: 90°.



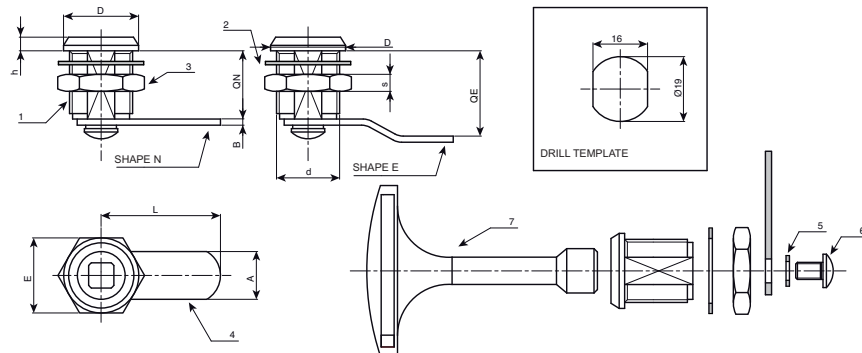
4727SQ UNIVERSAL TUBULAR LOCK WITH 7 MM. SQUARE INSERT KEY

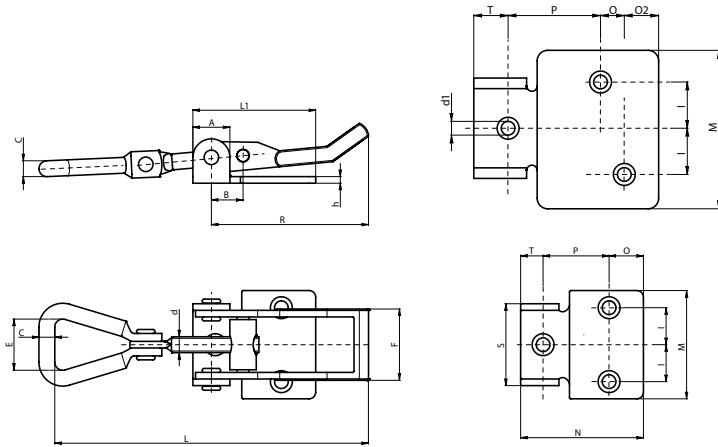


Code	d	L	Qn	Qe	D	h	A	B	E	S	Shape
472720004	M19	35	20	-	22	4	14	2.5	22	5	N
472722104	M19	35	-	22	22	4	14	2.5	22	5	E
472725104	M19	30	-	25	22	4	14	2.5	22	5	E
472729104	M19	39	-	29	22	4	14	2.5	22	5	E
472737104	M19	35	-	37	22	4	14	2.5	22	5	E

Option(7):
Nickel-plated die-cast zamak key. (Code 472803001).
The key is not supplied. Order separately.

- (1) Die-cast zamak lock body M19 (stator) and rotor. Nickel-plated finish. 7 mm. square tubular key.
 - (2) Black-oxide treated elastic washer d.24x1 bore d. 19,4.
 - (3) Galvanized steel hexagon nut M19x1.
 - (4) Galvanized steel locking lever. (Qn shape N flat - Qe shape E offset).
 - (5) Conical black-oxide treated steel elastic washer d.12x1,5.
 - (6) Galvanized steel Phillips dome head screw M5x8.
- Rotation: 90°.





Adjustable toggle latch made of galvanised shear steel.

Surface: Glossy.

The catch plate must be ordered separately.

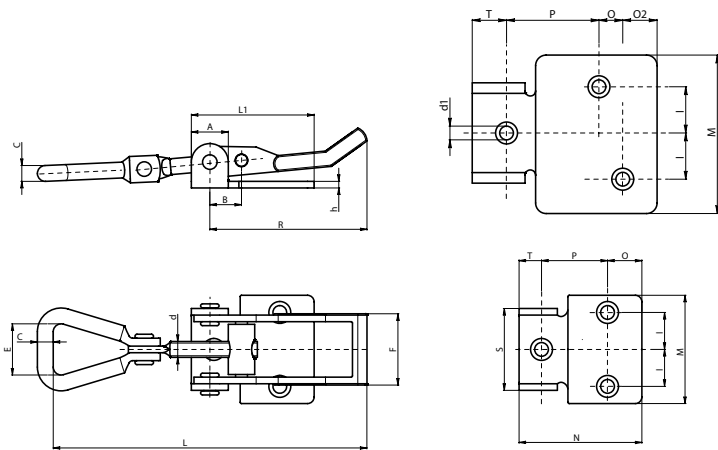
Combinable catch plates:

Article 478204001 combinable with catch plates: 478304001 & 478304002.

Article 478206001 combinable with catch plates: 478306001, 478306002 & 478306003.

Article 478211001 combinable with catch plates: 478306001, 478306002 & 478306003.

Code	R	L	L1/N	A	B	C	d	d1	E	F	h	I	M	O	O2	P	T	S
478204001	48	66-75	35	10	11	4.3	M5	5.5	18	17	2	7.5	28	9	-	12	14	20
478206001	65	104-124	46	14	12	6	M6	5.1	24	25	3	13	41	13.5	-	24.5	8	31
478211001	112	160-175	70	20	14	7	M8	7.5	34	30	2.5	17.5	60	9	13	35	13	37



Adjustable toggle latch made of shear stainless steel.

Surface: Natural.

The catch plate must be ordered separately.

Combinable catch plates:

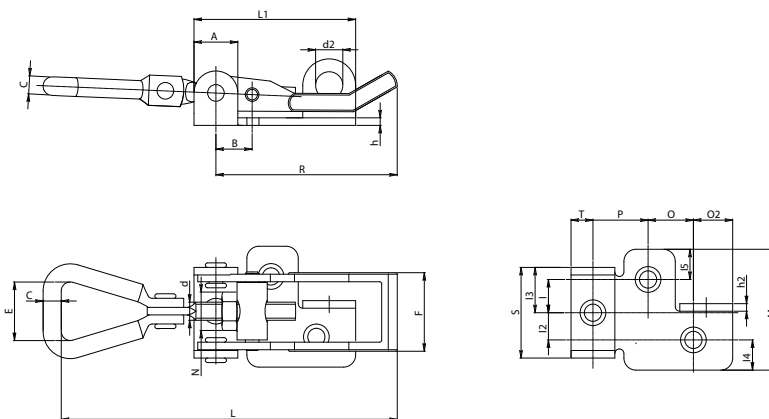
Article 478204101 combinable with catch plates: 478304101 & 478304102.

Article 478206101 combinable with catch plates: 478306101, 478306102 & 478306103.

Article 478211101 combinable with catch plates: 478306101, 478306102 & 478306103.

Code	R	L	L1/N	A	B	C	d	d1	E	F	h	I	M	O	O2	P	T	S
478204101	48	66-75	35	10	11	4.3	M5	5.5	18	17	2	7.5	28	9	-	12	14	20
478206101	65	104-124	46	14	12	6	M6	5.1	24	25	3	13	41	13.5	-	24.5	8	31
478211101	112	160-175	70	20	14	7	M8	7.5	34	30	2.5	17.5	60	9	13	35	13	37

4782P ADJUSTABLE STEEL TOGGLE LATCH WITH PADLOCK HASP



Adjustable toggle latch with padlock hasp made of galvanised shear steel.

Surface: Glossy.

The catch plate must be ordered separately.

Combinable catch plates:

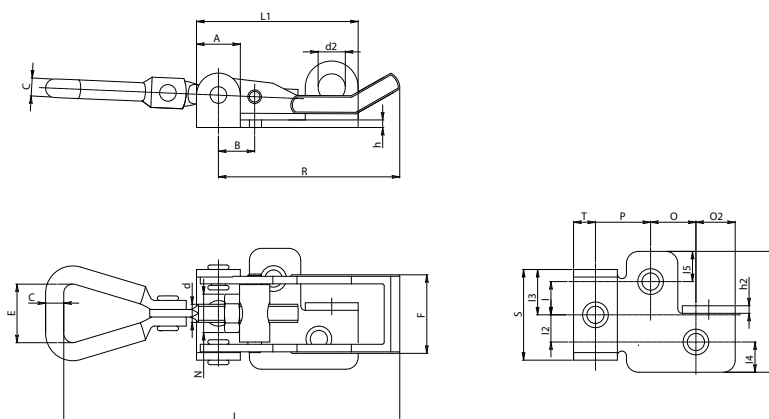
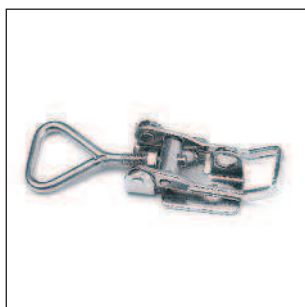
Article 478204002 combinable with catch plates: 478304001 & 478304002.

Article 478206002 combinable with catch plates: 478306001, 478306002 & 478306003.

Article 478211002 combinable with catch plates: 478306001, 478306002 & 478306003.

Code	R	L	L1	A	B	C	d	d1	d2	E	F	h	I	I2	I3	I4	I5	M	O	O2	P	T	S
478204002	48	66-75	41	10	11	4.3	M5	5.8	7	17	17	2	8	7	10	6.5	5.5	27	11	8.5	11	11.5	20
478206002	65	104-124	53	14	12	5.2	M6	6.2	9	23	26	3	11	9	15	10	10	40	15	13	17	8	30
478211002	112	160-175	70	20	14	6	M8	7.2	9	33	30	3	18	18	19	12.5	11.5	60	18	17.5	22	12.5	38

4782P INOX ADJUSTABLE STAINLESS STEEL TOGGLE LATCH WITH PADLOCK HASP



Adjustable toggle latch with padlock hasp made of shear stainless steel.(AISI 304).

Surface: Natural.

The catch plate must be ordered separately.

Combinable catch plates:

Article 478204102 combinable with catch plates: 478304101 & 478304102.

Article 478206102 combinable with catch plates: 478306101, 478306102 & 478306103.

Article 478211102 combinable with catch plates: 478306101, 478306102 & 478306103.

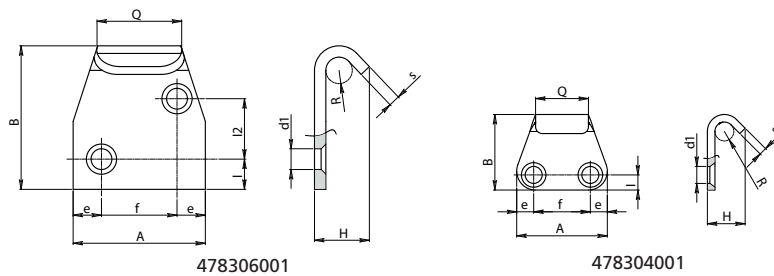
Code	R	L	L1	A	B	C	d	d1	d2	E	F	h	I	I2	I3	I4	I5	M	O	O2	P	T	S
478204102	48	66-75	41	10	11	4.3	M5	5.8	7	17	17	2	8	7	10	6.5	5.5	27	11	8.5	11	11.5	20
478206102	65	104-124	53	14	12	5.2	M6	6.2	9	23	26	3	11	9	15	10	10	40	15	13	17	8	30
478211102	112	160-175	70	20	14	6	M8	7.2	9	33	30	3	18	18	19	12.5	11.5	60	18	17.5	22	12.5	38

4783

STEEL CATCH PLATE FOR ADJUSTABLE TOGGLE LATCH



Code	H	I	I2	A	B	Q	e	f	R	d1	s
478304001	10	5	-	26	20	14	5.5	15	2.5	5.1	2
478306001	13.5	8.5	15.5	35	39	22	7.5	20	3.5	6.5	2



Drilled catch plate made of galvanised shear steel.
Surface: Glossy.

The toggle latch plate must be ordered separately.

Combinable toggle latches:

Article 478304001 combinable with toggle latches: 478204001 & 478204002.

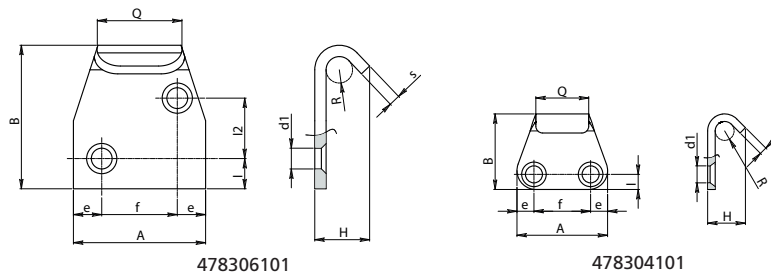
Article 478306001 combinable with toggle latches: 478206001, 478206002, 478211001 & 478211002.

**4783
INOX**

STAINLESS STEEL CATCH PLATE FOR ADJUSTABLE TOGGLE LATCH



Code	H	I	I2	A	B	Q	e	f	R	d1	s
478304101	10	5	-	26	20	14	5.5	15	2.5	5.1	2
478306101	13.5	8.5	15.5	35	39	22	7.5	20	3.5	6.5	2



Drilled catch plate made of stainless steel shear. (AISI 304).

Surface: Natural.

The toggle latch plate must be ordered separately.

Combinable toggle latches:

Article 478304101 combinable with toggle latches: 478204101 & 478204102.

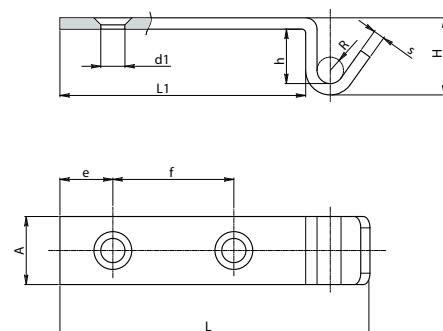
Article 478306101 combinable with toggle latches: 478206101, 478206102, 478211101 & 478211102.

4783B

STEEL DROP CATCH PLATE FOR ADJUSTABLE TOGGLE LATCH



Code	H	L	L1	h	A	e	f	R	d1	s
478304002	9	40	29	5	16	7	14	2.5	5.1	2
478306002	21	82	65	16	18	14	32	3.5	6.5	3



Drop drilled catch plate made of galvanised shear steel.

Surface: Glossy.

The toggle latch plate must be ordered separately.

Combinable toggle latches:

Article 478304002 combinable with toggle latches: 478204001 & 478204002.

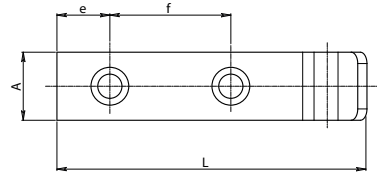
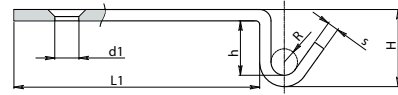
Article 478306002 combinable with toggle latches: 478206001, 478206002, 478211001 & 478211002.

**4783B
INOX**

**STAINLESS STEEL DROP CATCH PLATE FOR ADJUSTABLE
TOGGLE LATCH**



Code	H	L	L1	h	A	e	f	R	d1	s
478304102	9	40	29	5	16	7	14	2.5	5.1	2
478306102	21	82	65	16	18	14	32	3.5	6.5	3



Drop drilled catch plate made of stainless steel shear. (AISI 304).

Surface: Natural.

The toggle latch plate must be ordered separately.

Combinable toggle latches:

Article 478304102 combinable with toggle latches: 478204101 - 478204102.

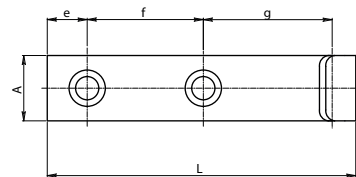
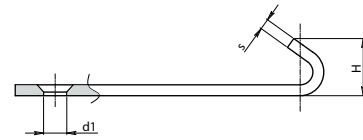
Article 478306102 combinable with toggle latches: 478206101 - 478206102 - 478211101 - 478211102.

4783X

**STEEL EXTENDED CATCH PLATE FOR ADJUSTABLE
TOGGLE LATCH**



Code	H	l	A	e	f	g	d1	s
478306003	16.5	85	18	13.5	29	32.5	7	3



Extended catch plate made of galvanised shear steel.

Surface: Glossy.

The toggle latch plate must be ordered separately.

Combinable toggle latches:

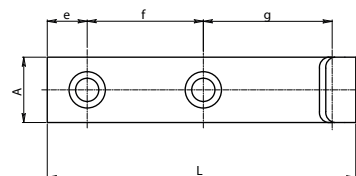
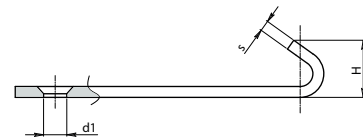
Article 478306003 combinable with toggle latches: 478206001 - 478206002 - 478211001 - 478211002.

**4783X
INOX**

**STAINLESS STEEL EXTENDED CATCH PLATE FOR
ADJUSTABLE TOGGLE LATCH**



Code	H	l	A	e	f	g	d1	s
478306103	16.5	85	18	13.5	29	32.5	7	3



Extended catch plate made of stainless steel shear. (AISI 304).

Surface: Natural.

The toggle latch plate must be ordered separately.

Combinable toggle latches:

Article 478306103 combinable with toggle latches: 478206101 - 478206102 - 478211101 - 478211102.