



since 1974



GOOD HAND ENTERPRISE CO., LTD. (Head Office)

No.2, Road 12, Taichung Industrial Park, Taichung, 407 Taiwan

TEL 886-4-23592127

FAX 886-4-23592129

E-mail info@goodhand.com.tw

URL www.goodhand.com.tw

GOOD HAND, INC. (USA/America Area)

8750 Pioneer Blvd., Santa Fe Springs, CA 90670 U.S.A

TEL 1-562-949-8625

FAX 1-562-949-4875

TOLL FREE 1-800-989-5244

E-mail sales@stronghandtools.com

URL www.goodhandinc.com

GOOD HAND UK LTD. (UK/Europe Area)

Unit 16 Twizel Close, Stonebridge, Milton Keynes, MK13 0DX, U.K.

TEL 44-1908-221151

FAX 44-1908-225515

E-mail sales@goodhanduk.co.uk

URL www.goodhanduk.co.uk



**TOGGLE
CLAMPS**

GOOD HAND

GOOD HAND was established in 1974, located in Taichung Industrial Park, Taichung Taiwan. Now we have already marketing the world over 40 years. It's widely accepted design and excellent quality have now created a demand for GOOD HAND toggle clamps throughout the world.

Today, the GOOD HAND clamp line is capable of handling most of work holding or positioning requirements and our product line is constantly being expanded and updated to meet industry requirement.

GOOD HAND TAIWAN directly supply clamps to all distributors or ending user in whole world. Products are held at systematic warehouse and delivered on time.

Parts Introduction

BASE TYPE			
FLANGED BASE 	STRAIGHT BASE 	SIDE MOUNTED 	NARROW BASE 
BAR TYPE			
U-BAR 	FIXED SPINDLE 	SOLID BAR 	OPEN BAR 
HANDLE TYPE			
STRAIGHT HANDLE 		T-HANDLE 	

VERTICAL HANDLE TOGGLE CLAMPS

Pages 1-1 ~ 1-19



HORIZONTAL HANDLE TOGGLE CLAMPS

Pages 2-1 ~ 2-15



PUSH / PULL TOGGLE CLAMPS

Pages 3-1 ~ 3-11



LATCH TYPE TOGGLE CLAMPS

Pages 4-1 ~ 4-7



TOGGLE PLIERS

Pages 5-1 ~ 5-5



HEAVY DUTY WELDABLE TOGGLE CLAMPS

Pages 7-1 ~ 7-6



F TYPE CLAMPS

Page 8-1



AIR POWERED CLAMPS

Pages 9-1 ~ 9-7



C CLAMPS

Page 10-1



F CLAMPS

Pages 11-1 ~ 11-4



GEAR PULLER

Page 12-1



ASSEMBLIES

Pages 13-1 ~ 14-4



Note : Engineering changes, dimensions and specifications referred in this catalog are subject to change without prior notice.

GH-1 SERIES

GH-10101-A	9-1
GH-10150-E	1-16
GH-10150-EI	1-16
GH-101-A	1-4
GH-101-AI	1-4
GH-101-AIT	1-4
GH-101-AI	1-4
GH-101-ASS	1-4
GH-101-AT	1-4
GH-101-B	1-15
GH-101-D	1-16
GH-101-DL	1-16
GH-101-E	1-16
GH-101-EI	1-16
GH-101-EL	1-10
GH-101-H	1-11
GH-101-J	1-11
GH-101-JS	1-11
GH-101-JSI	1-11
GH-10200-E	1-16
GH-10200-EI	1-16
GH-10247	1-10
GH-10247-A	9-3
GH-10248	9-3
GH-10249-E	1-15
GH-10249-A	1-10
GH-10250	1-10
GH-102-B	1-12
GH-10444	1-19
GH-10448	1-19
GH-106-B	1-15
GH-10751-B	1-13
GH-10752-B	1-13
GH-10752-BSS	1-13
GH-1002-D	1-12
GH-11003-B	1-12
GH-11201	1-19
GH-11350	1-17
GH-11401	1-17
GH-11412	1-17
GH-11421	1-17
GH-11421-SS	1-17
GH-11501-B	1-13
GH-11501-C	1-14
GH-11502-B	1-13
GH-11502-BSS	1-13
GH-11502-C	1-14
GH-12002-B	1-12
GH-12003-F	1-12
GH-12050	1-2
GH-12050-A	1-4
GH-12050-HB	1-4
GH-12050-SM	1-2
GH-12050-L	1-2
GH-12050-LA	9-1
GH-12050-LB	1-2
GH-12050-LSS	1-2
GH-12055-L	1-2
GH-12060	1-2
GH-12065	1-2
GH-12070	1-3
GH-12075	1-3
GH-12080-A	1-3
GH-12080-U	1-3
GH-12085	1-3
GH-12130	1-9
GH-12130-A	9-2
GH-12130-HB	1-7
GH-12130-NB	1-7
GH-12130-SM	1-7
GH-12130-SS	1-5
GH-12131	1-6
GH-12132	1-5
GH-12132-A	9-2
GH-12133	1-6
GH-12135	1-6
GH-12136	1-6
GH-12137	1-5
GH-12138	1-6
GH-12140	1-6
GH-12141	1-6
GH-12142	1-6
GH-12143	1-6
GH-12145	1-6
GH-12146	1-6
GH-12147	1-6
GH-12148	1-6
GH-12205	1-5
GH-12210	1-5
GH-12215	1-5
GH-12220	1-5
GH-12265-A	1-8
GH-12265-SS	1-8
GH-12270	1-8
GH-12275	1-8
GH-12275-A	9-2
GH-12280	1-8
GH-12285	1-8
GH-12290	1-8
GH-12295	1-8
GH-12300	1-9
GH-12305	1-9
GH-12310	1-9
GH-12315	1-9
GH-12320	1-17
GH-12412	1-17
GH-12421	1-17
GH-12501-B	1-13
GH-12501-C	1-14
GH-12502-B	1-13

GH-2 SERIES

GH-12502-C	1-14
GH-13002-B	1-12
GH-13003-B	1-12
GH-13005	1-1
GH-13005-HB	1-1
GH-13005-SM	1-1
GH-13005-SS	1-1
GH-13007	1-1
GH-13007-SM	1-1
GH-13007-SS	1-1
GH-13008	1-1
GH-13008-SS	1-1
GH-13009	1-14
GH-13412	1-18
GH-13501-B	1-14
GH-13502-B	1-14
GH-14009	1-14
GH-14100	1-18
GH-14412	1-18
GH-200-W	2-14
GH-200-WH	2-14
GH-200-WL	2-14
GH-200-WLH	2-14
GH-201	2-1
GH-20100	2-11
GH-201-A	2-1
GH-201-AI	2-1
GH-201-AL	2-1
GH-201-B	2-1
GH-201-ASS	2-1
GH-201-B	2-3
GH-201-BHB	2-3
GH-201-BI	2-3
GH-201-BI	2-3
GH-201-BSS	2-3
GH-201-BSS	2-3
GH-201-BSSM	2-3
GH-201-C	2-7
GH-201-H	2-7
GH-201-L	2-1
GH-201-L	2-1
GH-201-SS	2-1
GH-20235	2-7
GH-20235-SS	2-7
GH-20236	2-7
GH-202-F	2-9
GH-202-FL	2-9
GH-20200	2-12
GH-203-F	2-8
GH-203-FL	2-8
GH-203-FSS	2-8
GH-203-P	2-9
GH-20400	2-11
GH-20448	2-15
GH-204-G	2-9
GH-204-GB	2-10
GH-204-GBL	2-10
GH-204-GIL	2-9
GH-20752-B	2-8
GH-20752-BSS	2-8
GH-20800	2-11
GH-20800-SS	2-11
GH-20820	2-5
GH-20820-A	9-3
GH-21382	2-12
GH-21382-SS	2-12
GH-21384	2-13
GH-21385	2-13
GH-21302-B	2-8
GH-21302-BSS	2-8
GH-21800	2-11
GH-22005	2-10
GH-22010	2-10
GH-22015	2-10
GH-22020	2-10
GH-22025 series LUB	2-10
GH-22030	2-10
GH-22035	2-10
GH-22040	2-10
GH-220-WH	2-14
GH-220-WLH	2-14
GH-22100	2-2
GH-22105	2-2
GH-22110	2-2
GH-22115	2-2
GH-22165	2-2
GH-22170	2-5
GH-22175	2-5
GH-22180	2-5
GH-22185	2-6
GH-22190	2-6
GH-22195	2-6
GH-22200	2-6
GH-22235	2-6
GH-22240	2-6
GH-22245	2-7
GH-22250	2-7
GH-22282	2-12
GH-22284	2-13
GH-22502-B	2-8
GH-22502-BSS	2-8
GH-22505	2-4
GH-225-DHB	2-4
GH-225-DI	2-4
GH-225-DNB	2-4
GH-225-DSM	2-4
GH-225-DSS	2-4
GH-23502-B	2-8
GH-2421	2-13
GH-25382	2-13
GH-25383	2-12
GH-25382	2-13

GH-3 SERIES

GH-301-AM	3-1
GH-301-AMSS	3-1
GH-301-BM	3-1
GH-301-C-WL	3-1
GH-301-CMR	3-1
GH-30250M	3-1
GH-30280	3-9
GH-30290M	3-9
GH-30292M	3-9
GH-302-DM	3-9
GH-302-FM	3-2
GH-302-FMSS	3-2
GH-303-EM	3-11
GH-303-ENMC	3-11
GH-30450M	3-11
GH-304-CM	3-5
GH-304-EM	3-5
GH-304-EMSS	3-5
GH-304-HM	3-5
GH-30509M	3-6
GH-30510M	3-6
GH-30511M	3-5
GH-30513M	3-11
GH-30519M	3-6
GH-305-CM	3-5
GH-305-EA	9-4
GH-305-EM	3-1
GH-305-HM	3-5
GH-30600	9-6
GH-30600HL	9-6
GH-30600PR	3-7
GH-30600PR-A	3-7
GH-30607M	3-3
GH-30608M	3-6
GH-30609M	3-3
GH-30619M	3-3
GH-31200HL	3-7
GH-31200HL-A	9-6
GH-31200PR	3-7
GH-31200PR-A	9-7
GH-31501-B	3-10
GH-32500	3-8
GH-32500HL	3-7
GH-32500HL-A	9-6
GH-32500PR	3-7
GH-32500PR-A	9-7
GH-35000	3-8
GH-35000HL	3-7
GH-36003-A	9-4
GH-36003-M	3-2
GH-36003-MSS	3-2
GH-36006	3-2
GH-36010M	3-3
GH-36012M	3-3
GH-36015	3-3
GH-36020M-K	3-9
GH-36060	3-10
GH-36070	3-8
GH-36080	3-10
GH-36092M	3-2
GH-36202-BSS	3-4
GH-36202-MSS	3-4
GH-36203	3-4
GH-36204-MSS	3-4
GH-36205	3-4
GH-36224	3-4
GH-36225	3-4
GH-36301-A	9-4
GH-36320-A	9-5
GH-36330M	9-3

GH-4 SERIES

GH-40200	4-3
GH-40200-SS	4-3
GH-40323	4-1
GH-40325 series LUB	4-1
GH-40323-R	4-1
GH-40323-RSS	4-1
GH-40324	4-1
GH-40324	4-2
GH-40324-R	4-2
GH-40324-SS	4-2
GH-40334	4-2
GH-40334-R	4-2
GH-40334-SS	4-2
GH-40341	4-1
GH-40341-R	4-1
GH-40341-RSS	4-1
GH-40341-SS	4-1
GH-40344	4-2
GH-40344-R	4-2
GH-40344-SS	4-2
GH-40370	4-5
GH-40370-LP	4-5
GH-40370-LPSS	4-5
GH-40371	4-4
GH-40371-LP	4-4
GH-40371-LP	4-4
GH-40380	4-6
GH-40380-RSS	4-6
GH-40380-SS	4-6
GH-40402	4-7
GH-40402-SS	4-7
GH-40505	4-7
GH-40505-RSS	4-7
GH-40702	4-3
GH-40820	4-3
GH-40820-SS	4-3
GH-40840	4-3
GH-40840-SS	4-3
GH-40870	4-3

GH-5 SERIES

GH-50350	5-1
GH-50360	5-1
GH-50380	5-1
GH-50385	5-1
GH-50450	5-2
GH-50480	5-2
GH-51000	5-1
GH-51020	5-5
GH-51030	5-5
GH-51100	5-2
GH-51105	5-2
GH-51106	5-2
GH-51111	5-4
GH-51150	5-3
GH-51151	5-3
GH-51152	5-3
GH-511SP	5-4
GH-70101	7-6
GH-70103	7-6
GH-70101-C	7-6
GH-701-D	7-6
GH-701-K	7-6
GH-70201	7-5
GH-70203	7-5
GH-702-C	7-5
GH-702-CA	9-7
GH-702-D	9-7
GH-702-DA	9-7
GH-702-K	7-5
GH-70300	7-3
GH-70305	7-1
GH-70310	7-1
GH-70315	7-2
GH-70320	7-3
GH-70320-B	7-3
GH-70505	7-1
GH-70515	7-1
GH-70523	7-1
GH-70605	7-1
GH-70610	7-1
GH-70615	7-1
GH-70710	7-2
GH-70715	7-2
GH-70720	7-4
GH-70725	7-2
GH-71210	7-2
GH-71215	7-2
GH-71220	7-4
GH-71225	7-4
GH-72410	7-2
GH-72415	7-2
GH-72420	7-4
GH-72425	7-2
GH-75027	7-2
GH-75027-SM	7-2
GH-75048	7-3
GH-75078	7-3
GH-75088	7-2
GH-75088	7-2

GH-6 SERIES

GH-80070	8-1
GH-80325	8-1
GH-80325-SS	8-1
GH-80379	8-1
GH-80379-SS	8-1
GH-80379-SS	8-1

ASSEMBLIES

GH-8R-120	14-3
GH-8R-140	14-3
GH-8R-180	14-3
GH-8R-516	14-3
GH-8R-580	14-3
GH-CC-10138	14-2
GH-CC-14134	14-2
GH-CC-14214	14-2
GH-CC-14218	14-2
GH-CC-38312	14-2
GH-CC-56300	14-2
GH-FC-042507	14-1
GH-FC-042507-SS	14-1
GH-FC-043207	14-1
GH-FC-043207-LP	14-1
GH-FC-044207	14-1
GH-FC-053008	14-1
GH-FC-053708-LP	14-1
GH-FC-053008	14-1
GH-FC-064410	14-1
GH-FC-065110	14-1
GH-FC-065110-SS	14-1
GH-FC-081212	14-1

GH-7 SERIES

GH-FC-086312	14-1
GH-FC-086312-SS	14-1
GH-FC-087512	14-1
GH-FC-10138	14-1
GH-FC-10138-LP	14-1
GH-FC-108515	14-1
GH-FC-108515-SS	14-1
GH-FC-121017	14-1
GH-FC-12334	14-1
GH-FC-14134	14-1
GH-FC-14218	14-1
GH-FC-38312	14-1
GH-FC-38412	14-1
GH-FC-56212	14-1
GH-FC-56300	14-1
GH-FC-580	14-4
GH-FC-080-SS	14-4
GH-FC-100-SS	14-4
GH-FC-100-SS	14-4
GH-FC-120	14-4
GH-FC-140	14-4
GH-FC-140-SS	14-4
GH-FC-142	14-4
GH-FC-142-SS	14-4
GH-FC-380	14-4
GH-FC-380-SS	14-4
GH-FC-516	14-4
GH-FC-516-SS	14-4
GH-FC-580	14-4
GH-FC-580	14-4
GH-FC-580	1

GH 13005 / 13005-SS

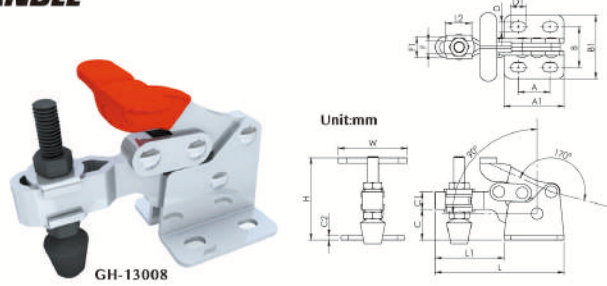
- Holding Capacity 68Kg
- Bar Opens 90°
- Handle Opens 170°
- Weight 0.06Kg
- Spindle Supplied FC-053708-LP/SA-053008-SS
- Flanged Washers FW-100 / FW-100-SS

GH 13007 / 13007-SS

- Holding Capacity 150Kg
- Bar Opens 90°
- Handle Opens 170°
- Weight 0.26Kg
- Spindle Supplied FC-086312/SA-085012-SS
- Flanged Washers FW-516 / FW-516-SS

GH 13008 / 13008-SS

- Holding Capacity 320Kg
- Bar Opens 90°
- Handle Opens 170°
- Weight 0.59Kg
- Spindle Supplied FC-108515/SA-107515-SS
- Flanged Washers FW-380 / FW-380-SS



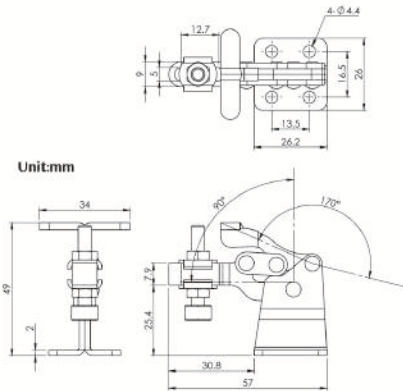
Part No.	A	A1	B	B1	C	C1	C2	D	D1	F	F1	H	L	L1	L2	W
13005	13.5	26.2	15.9	25.4	12.7	7.9	2	4.4	-	5	9	36	57	30.8	12.7	34
13007	23	43.6	29.4	46	22.2	12.7	3	7	11	8.8	14.8	60	93.7	50.1	19.5	51
13008	35	64.3	38.1	62.7	33.3	19	3	7.9	11.9	10.3	18.3	91	131.8	67.5	28	70
13005-SS	STAINLESS STEEL															
13007-SS	STAINLESS STEEL															
13008-SS	STAINLESS STEEL															

GH 13005-HB

- Holding Capacity 68Kg
- Bar Opens 90°
- Handle Opens 170°
- Weight 0.07Kg
- Spindle Supplied FC-053708-LP
- Flanged Washers FW-100



GH-13005-HB



GH 13005-SM

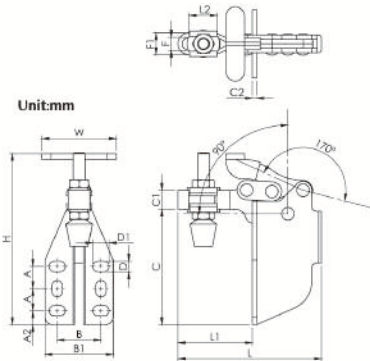
- Holding Capacity 68Kg
- Bar Opens 90°
- Handle Opens 170°
- Weight 0.09Kg
- Spindle Supplied FC-053708-LP
- Flanged Washers FW-100

GH 13007-SM

- Holding Capacity 150Kg
- Bar Opens 90°
- Handle Opens 170°
- Weight 0.36Kg
- Spindle Supplied FC-086312
- Flanged Washers FW-516



GH-13007-SM



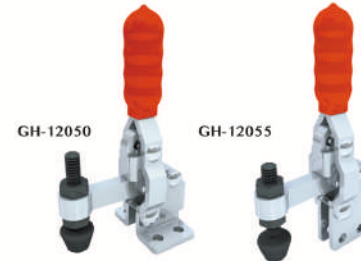
Part No.	A	A2	B	B1	C	C1	C2	D	D1	F	F1	H	L	L1	L2	W
13005-SM	10.3	5.6	19.5	31	50.9	7.9	2	4.4	7.4	5	9	75	60.3	30.6	12.7	34
13007-SM	14.9	9.4	28.4	46	77.8	12.7	3	7	11	8.8	14.8	116	96.7	50.1	19.5	51

GH 12050 / 12055

- Holding Capacity 91Kg
- Bar Opens 95°
- Handle Opens 60°
- Weight 0.16Kg
- Spindle Supplied FC-064410

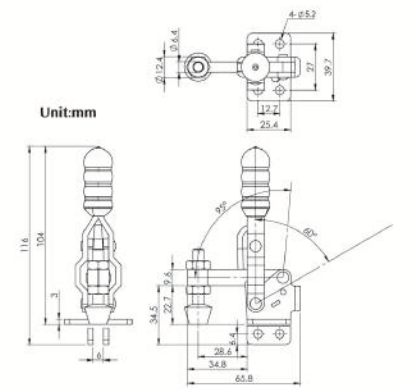
GH 12050-SS (STAINLESS STEEL)

- Holding Capacity 91Kg
- Bar Opens 95°
- Handle Opens 60°
- Weight 0.16Kg
- Spindle Supplied SA-064010-SS



GH-12050

GH-12055

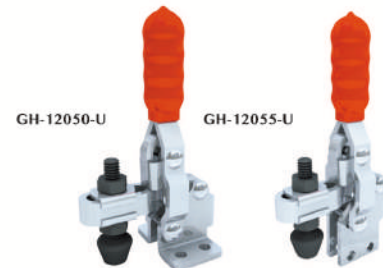


**GH 12050-U / 12055-U
12050-UL (Long U-bar)**

- Holding Capacity 91Kg
- Bar Opens 95°
- Handle Opens 60°
- Weight 0.17Kg
- Spindle Supplied FC-064410
- Flanged Washers FW-142

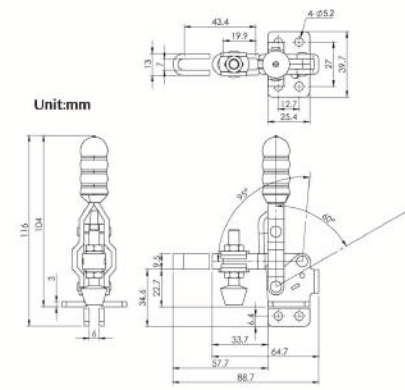
GH 12050-USS (STAINLESS STEEL)

- Holding Capacity 91Kg
- Bar Opens 95°
- Handle Opens 60°
- Weight 0.16Kg
- Spindle Supplied SA-064010-SS
- Flanged Washers FW-142-SS



GH-12050-U

GH-12055-U



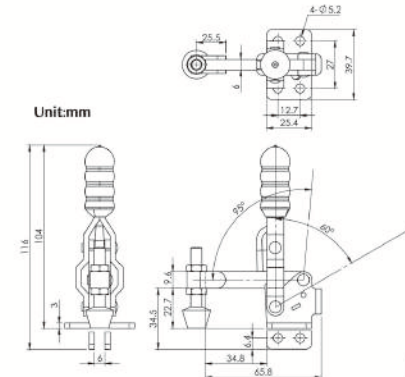
GH 12060 / 12065

- Holding Capacity 91Kg
- Bar Opens 95°
- Handle Opens 60°
- Weight 0.17Kg
- Spindle Supplied FC-064410
- Bolt Retainer BR-140



GH-12060

GH-12065

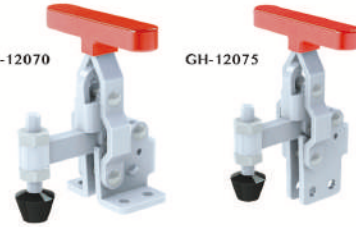


GH 12070 / 12075

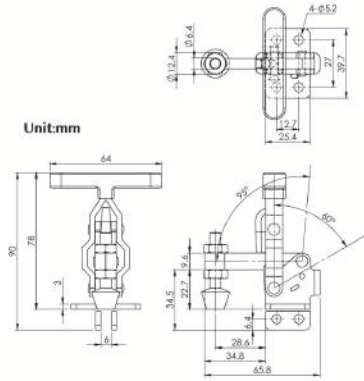
- Holding Capacity 91Kg
- Bar Opens 95°
- Handle Opens 60°
- Weight 0.17Kg
- Spindle Supplied FC-064410

GH-12070

GH-12075



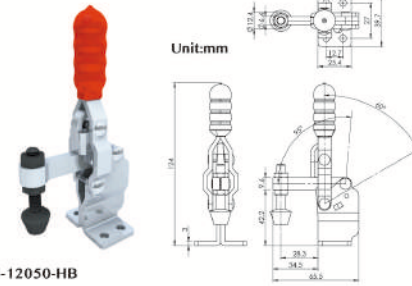
Unit:mm



GH 12050-HB

- Holding Capacity 91Kg
- Bar Opens 95°
- Handle Opens 60°
- Weight 0.19Kg
- Spindle Supplied FC-064410

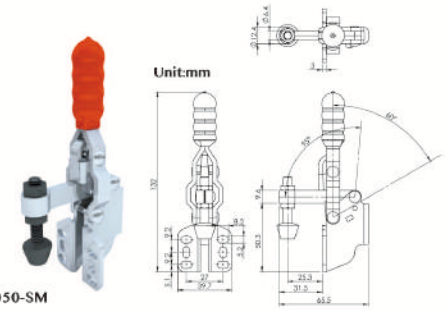
GH-12050-HB



GH 12050-SM

- Holding Capacity 91Kg
- Bar Opens 95°
- Handle Opens 60°
- Weight 0.19Kg
- Spindle Supplied FC-064410

GH-12050-SM

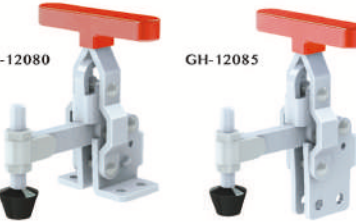


GH 12080 / 12085

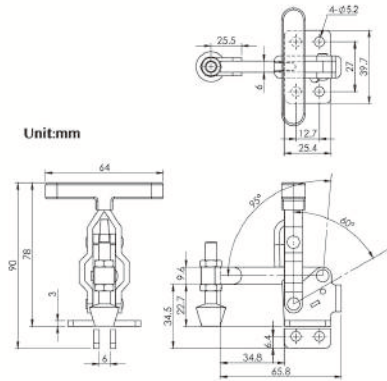
- Holding Capacity 91Kg
- Bar Opens 95°
- Handle Opens 60°
- Weight 0.18Kg
- Spindle Supplied FC-064410
- Bolt Retainer BR-140

GH-12080

GH-12085



Unit:mm

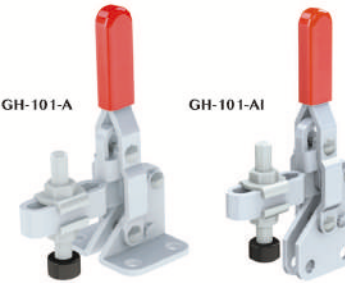


**GH 101-A / 101-AI
101-AL(Long U-bar)**

- Holding Capacity 50Kg
- Bar Opens 100°
- Handle Opens 56°
- Weight 0.07Kg
- Spindle Supplied FC-053708-LP
- Flanged washers FW-100

GH-101-A

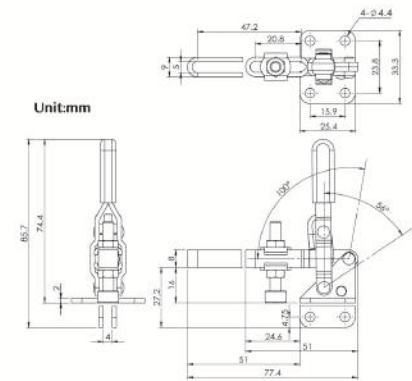
GH-101-AI



**GH 101-ASS
(STAINLESS STEEL)**

- Holding Capacity 50Kg
- Bar Opens 100°
- Handle Opens 56°
- Weight 0.07Kg
- Spindle Supplied SA-053008-SS
- Flanged washers FW-100-SS

Unit:mm



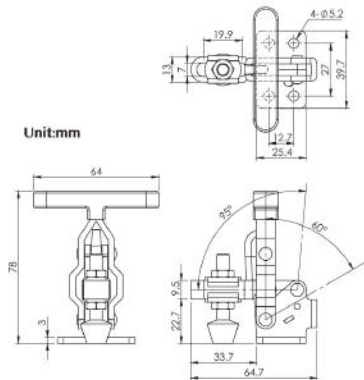
GH 12080-U

- Holding Capacity 91Kg
- Bar Opens 95°
- Handle Opens 60°
- Weight 0.18Kg
- Spindle Supplied FC-064410
- Flanged washers FW-142

GH-12080-U



Unit:mm

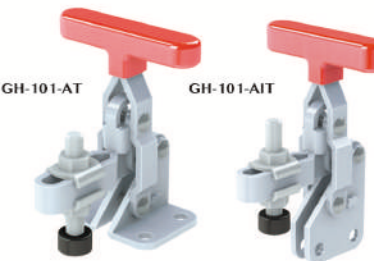


GH 101-AT / 101-AIT

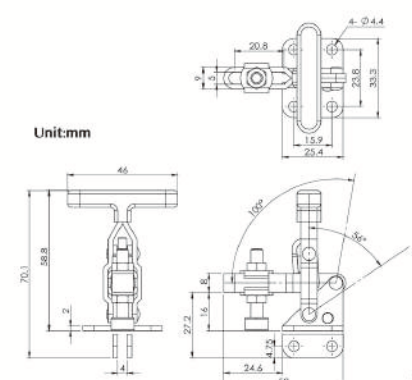
- Holding Capacity 50Kg
- Bar Opens 100°
- Handle Opens 56°
- Weight 0.07Kg
- Spindle Supplied FC-053708-LP
- Flanged washers FW-100

GH-101-AT

GH-101-AIT

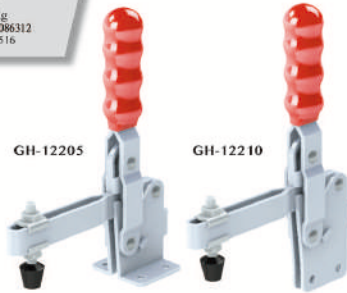


Unit:mm

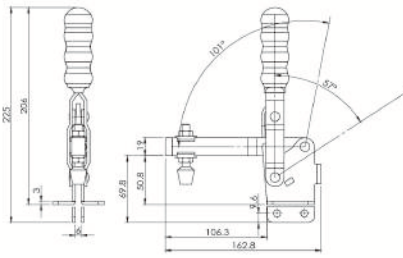


GH 12205 / 12210

- Holding Capacity 182Kg
- Bar Opens 101°
- Handle Opens 57°
- Weight 0.6Kg
- Spindle Supplied FC-086312
- Flanged Washers FW-516



Unit:mm

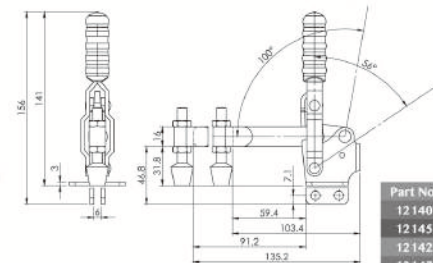


GH 12140 / 12142 / 12145 / 12147

- Holding Capacity 227Kg
- Bar Opens 100°
- Handle Opens 56°
- Weight 0.35Kg
- Spindle Supplied FC-086312
- Bolt Retainer BR-516



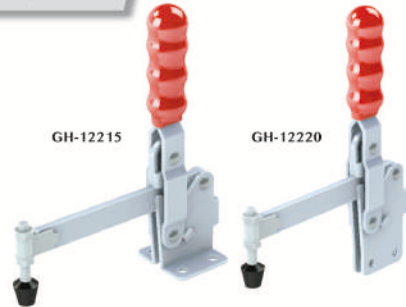
Unit:mm



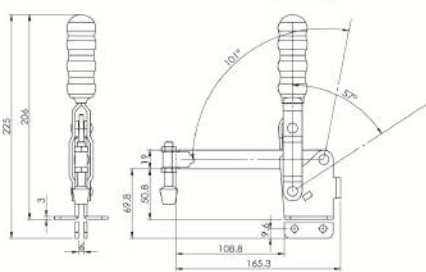
Part No.	Description	
12140	Flanged Base	Short Solid Bar
12145	Straight Base	
12142	Flanged Base	Long Solid Bar
12147	Straight Base	

GH 12215 / 12220

- Holding Capacity 182Kg
- Bar Opens 101°
- Handle Opens 57°
- Weight 0.61Kg
- Spindle Supplied FC-086312
- Bolt Retainer BR-516



Unit:mm

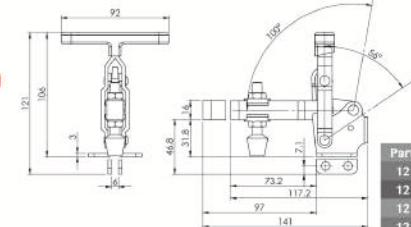


GH 12131 / 12133 / 12136 / 12138

- Holding Capacity 227Kg
- Bar Opens 100°
- Handle Opens 56°
- Weight 0.38Kg
- Spindle Supplied FC-086312
- Flanged Washers FW-516



Unit:mm



Part No.	Description	
12131	Flanged Base	Short U-Bar
12136	Straight Base	
12133	Flanged Base	Long U-Bar
12138	Straight Base	

GH 12130 / 12132 / 12135 / 12137

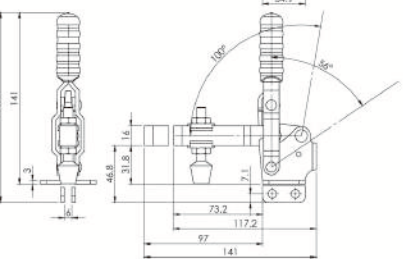
- Holding Capacity 227Kg
- Bar Opens 100°
- Handle Opens 56°
- Weight 0.36Kg
- Spindle Supplied FC-086312
- Flanged Washers FW-516

GH GH-12130-SS (STAINLESS STEEL)

- Holding Capacity 227Kg
- Bar Opens 100°
- Handle Opens 56°
- Weight 0.36Kg
- Spindle Supplied SA-085012-SS
- Flanged Washers FW-516-SS



Unit:mm



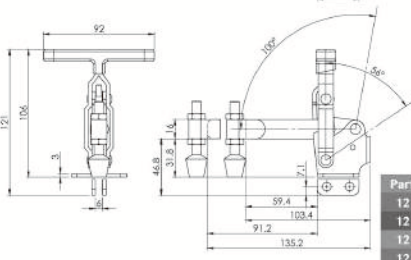
Part No.	Description	
12132	Flanged Base	Long U-Bar
12137	Straight Base	

GH 12141 / 12143 / 12146 / 12148

- Holding Capacity 227Kg
- Bar Opens 100°
- Handle Opens 56°
- Weight 0.39Kg
- Spindle Supplied FC-086312
- Bolt Retainer BR-516



Unit:mm



Part No.	Description	
12141	Flanged Base	Short Solid Bar
12146	Straight Base	
12143	Flanged Base	Long Solid Bar
12148	Straight Base	

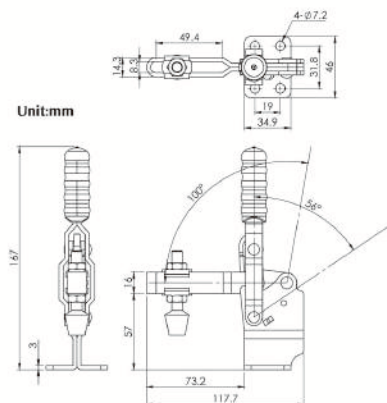
GH 12130-HB

- Holding Capacity 227Kg
- Bar Opens 100°
- Handle Opens 56°
- Weight 0.4Kg
- Spindle Supplied FC-086312
- Flanged Washers FW-516

GH-12130-HB



Unit:mm



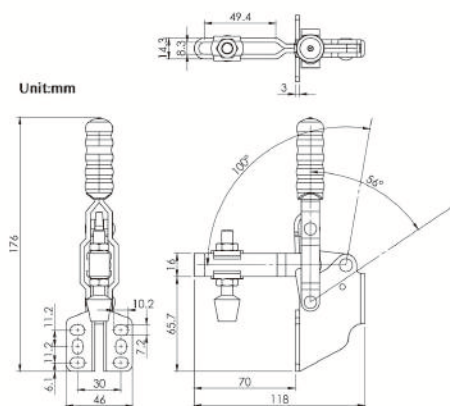
GH 12130-SM

- Holding Capacity 227Kg
- Bar Opens 100°
- Handle Opens 56°
- Weight 0.4Kg
- Spindle Supplied FC-086312
- Flanged Washers FW-516

GH-12130-SM



Unit:mm



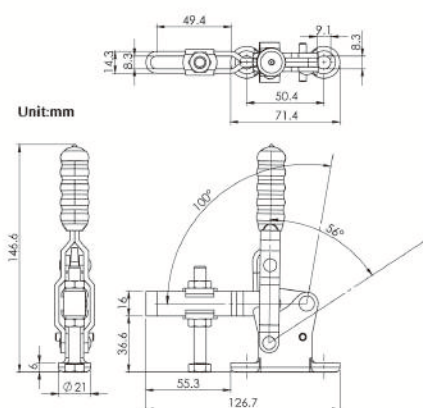
GH 12130-NB

- Holding Capacity 227Kg
- Bar Opens 100°
- Handle Opens 56°
- Weight 0.4Kg
- Spindle Supplied SA-086512
- Flanged Washers FW-516

GH-12130-NB



Unit:mm



GH 12265 / 12270

- Holding Capacity 340Kg
- Bar Opens 112°
- Handle Opens 61°
- Weight 0.65Kg
- Spindle Supplied FC-108515
- Flanged Washers FW-380

GH-12265



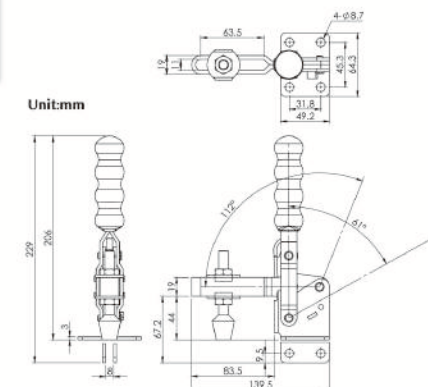
GH 12265-SS (STAINLESS STEEL)

- Holding Capacity 340Kg
- Bar Opens 112°
- Handle Opens 61°
- Weight 0.65Kg
- Spindle Supplied SA-107515-SS
- Flanged Washers FW-380-SS

GH-12270



Unit:mm



GH 12275 / 12280

- Holding Capacity 340Kg
- Bar Opens 112°
- Handle Opens 61°
- Weight 0.67Kg
- Spindle Supplied FC-108515
- Bolt Retainer BR-380

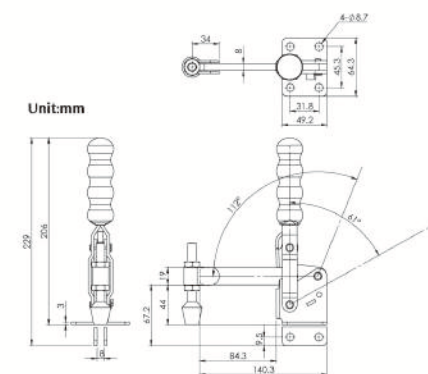
GH-12275



GH-12280



Unit:mm



GH 12285 / 12290

- Holding Capacity 340Kg
- Bar Opens 112°
- Handle Opens 61°
- Weight 0.71Kg
- Spindle Supplied FC-108515
- Flanged Washers FW-380

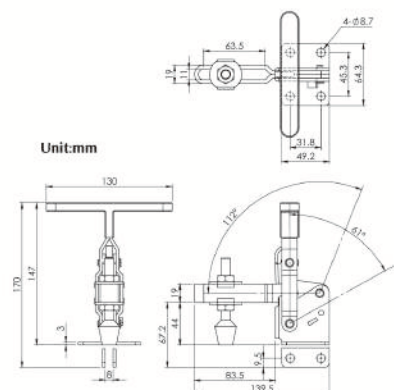
GH-12285



GH-12290

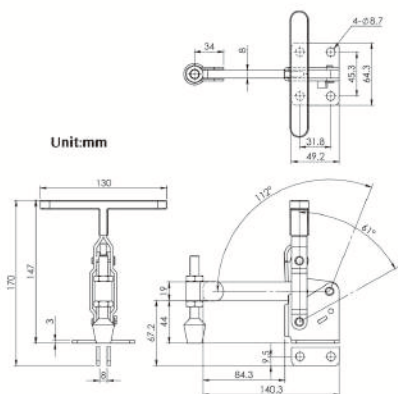


Unit:mm



GH 12295 / 12300

- Holding Capacity 340Kg
- Bar Opens 112°
- Handle Opens 61°
- Weight 0.73Kg
- Spindle Supplied FC-108515
- Bolt Retainer BR-380

GH-12295
GH-12300


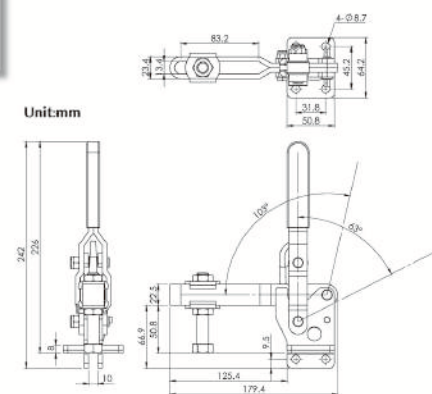
Unit:mm

GH 10247

- Holding Capacity 450Kg
- Bar Opens 103° / 135°
- Handle Opens 63° / 73°
- Weight 1.33Kg
- Spindle Supplied SA-121017
- Flanged Washers FW-120

GH-10247
GH 10248

- Holding Capacity 450Kg
- Bar Opens 103° / 135°
- Handle Opens 63° / 73°
- Weight 1.26Kg
- Spindle Supplied SA-121017
- Flanged Washers FW-120

GH-10248


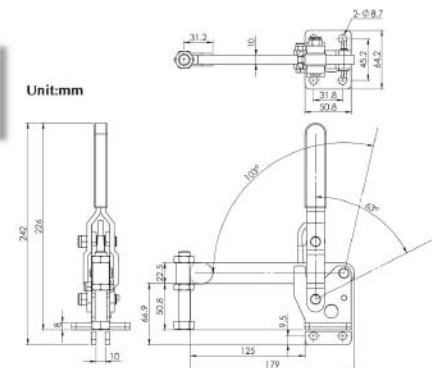
Unit:mm

GH 10249

- Holding Capacity 450Kg
- Bar Opens 90° / 135°
- Handle Opens 63° / 73°
- Weight 1.3Kg
- Spindle Supplied SA-121017
- Bolt Retainer BR-120

GH-10249
GH 10250

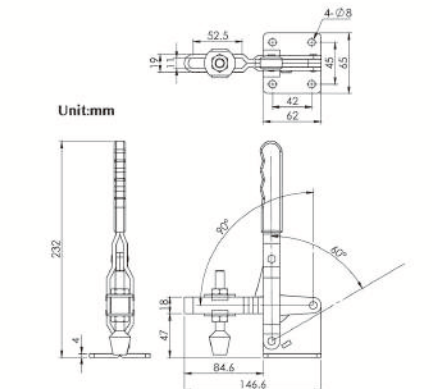
- Holding Capacity 450Kg
- Bar Opens 103° / 135°
- Handle Opens 63° / 73°
- Weight 1.23Kg
- Spindle Supplied SA-121017
- Bolt Retainer BR-120

GH-10250


Unit:mm

GH 101-EL

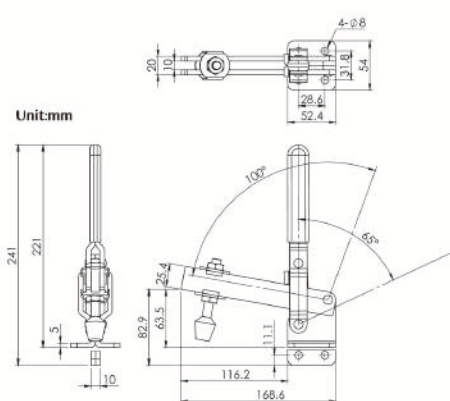
- Holding Capacity 360Kg
- Bar Opens 90°
- Handle Opens 60°
- Weight 0.84Kg
- Spindle Supplied FC-108515
- Flanged Washers FW-380

GH-101-EL


Unit:mm

GH 12305 / 12310

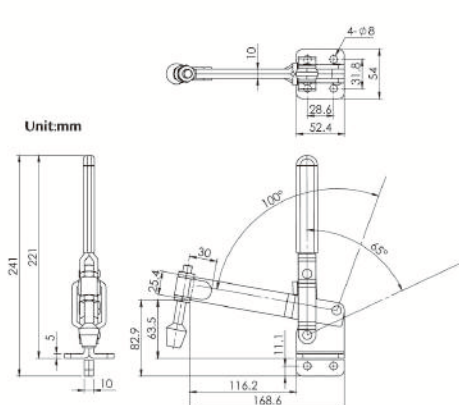
- Holding Capacity 364Kg
- Bar Opens 100°
- Handle Opens 65°
- Weight 1.09Kg
- Spindle Supplied FC-108515
- Flanged Washers FW-380

GH-12305
GH-12310


Unit:mm

GH 12315 / 12320

- Holding Capacity 364Kg
- Bar Opens 100°
- Handle Opens 65°
- Weight 1.09Kg
- Spindle Supplied FC-108515
- Bolt Retainer BR-380

GH-12315
GH-12320


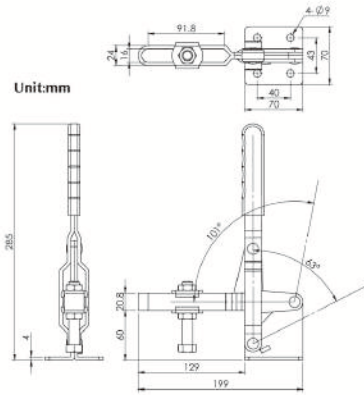
Unit:mm

GH 101-H

- Holding Capacity 450Kg
- Bar Opens 101°
- Handle Opens 63°
- Weight 1.26Kg
- Spindle Supplied SA-121017
- Flanged Washers FW-120



GH-101-H



Unit:mm

GH 101-J

- Holding Capacity 550Kg
- Bar Opens 100° / 140°
- Handle Opens 50° / 60°
- Weight 2.61Kg
- Spindle Supplied SA-161520
- Flanged Washers FW-580



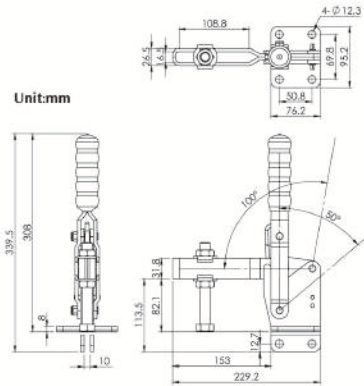
GH-101-J

GH 101-JSB

- Holding Capacity 550Kg
- Bar Opens 100° / 140°
- Handle Opens 50° / 60°
- Weight 2.35Kg
- Spindle Supplied SA-161520
- Flanged Washers FW-580



GH-101-JSB



Unit:mm

GH 101-JS

- Holding Capacity 550Kg
- Bar Opens 100° / 140°
- Handle Opens 50° / 60°
- Weight 2.63Kg
- Spindle Supplied SA-161520
- Bolt Retainer BR-580



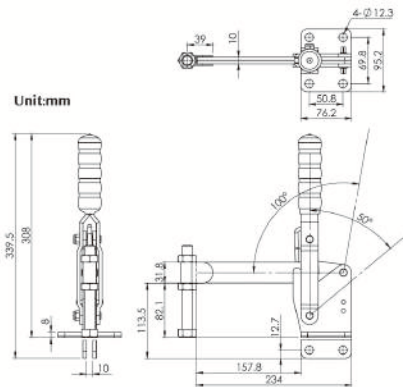
GH-101-JS

GH 101-JSI

- Holding Capacity 550Kg
- Bar Opens 100° / 140°
- Handle Opens 50° / 60°
- Weight 2.38Kg
- Spindle Supplied SA-161520
- Bolt Retainer BR-580



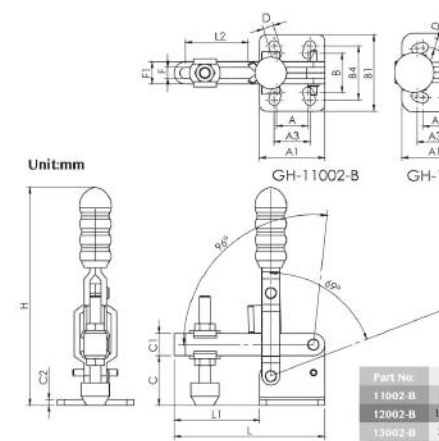
GH-101-JSI



Unit:mm

GH 11002-B

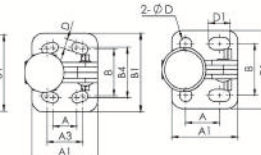
- Holding Capacity 75Kg
- Bar Opens 96°
- Handle Opens 69°
- Weight 0.12Kg
- Spindle Supplied SA-054008+NC-05
- Flanged Washers FW-102B



Unit:mm

GH 12002-B

- Holding Capacity 150Kg
- Bar Opens 108°
- Handle Opens 70°
- Weight 0.24Kg
- Spindle Supplied SA-065010+NC-06
- Flanged Washers FW-140



GH-12002-B

GH 13002-B

- Holding Capacity 250Kg
- Bar Opens 106°
- Handle Opens 67°
- Weight 0.52Kg
- Spindle Supplied SA-086512
- Flanged Washers FW-516



GH-11002-B

Part No.	A	A1	A3	B	B1	B4	C	C1	C2	D	D1	F	F1	H	L	L1	L2
11002-B	14	29	16	17.5	34	24	22	10	2.5	4.8	-	5	10	97	67	38	27.9
12002-B	12.7	35	19	25	42	27	29	13	3	5.5	-	6	11	135	79	44	32.9
13002-B	22	43	-	33.7	51.2	-	35	19	3	8	14	8.8	14.8	197	143	100	70

GH 11003-B

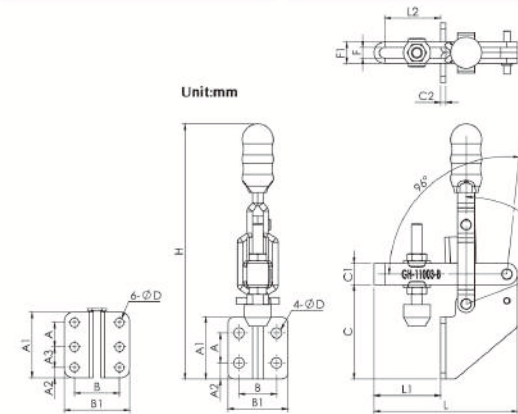
- Holding Capacity 75Kg
- Bar Opens 96°
- Handle Opens 69°
- Weight 0.14Kg
- Spindle Supplied SA-054008+NC-05
- Flanged Washers FW-102B



GH-11003-B

GH 12003-B

- Holding Capacity 150Kg
- Bar Opens 108°
- Handle Opens 70°
- Weight 0.28Kg
- Spindle Supplied SA-065010+NC-06
- Flanged Washers FW-140



GH-13003-B BASE

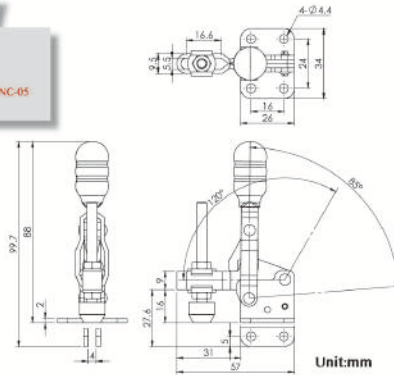
Part No.	A	A1	A2	A3	B	B1	C	C1	C2	D	F	F1	H	L	L1	L2
11003-B	14	29	7.5	-	17.5	28	44	10	2.5	4.9	5	10	121	67	31	26
12003-B	19	35	8	-	26	42	64	13	3	5.5	6	11	170	79	35	29.5
13003-B	19	51	8	16	35	51	82	19	3	6.8	8.8	14.8	244	143	93	70

GH 10751-B / 10752-B

- Holding Capacity 75kg
- Bar Opens 120°
- Handle Opens 85°
- Weight 0.09kg
- Spindle Supplied SA-054008-SS+NC-05
- Flanged Washers FW-100

GH 10752-BSS (STAINLESS STEEL)

- Holding Capacity 75kg
- Bar Opens 120°
- Handle Opens 85°
- Weight 0.09kg
- Spindle Supplied SA-054008-SS+NC-05
- Flanged Washers FW-100-SS

GH-10751-B
GH-10752-B


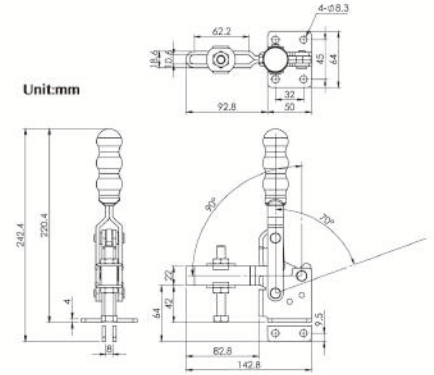
Unit:mm

GH 13501-B / 13502-B

- Holding Capacity 350kg
- Bar Opens 90° / 180°
- Handle Opens 70° / 100°
- Weight 0.89kg
- Spindle Supplied SA-107515
- Flanged Washers FW-380

GH-13501-B
GH-13502-B

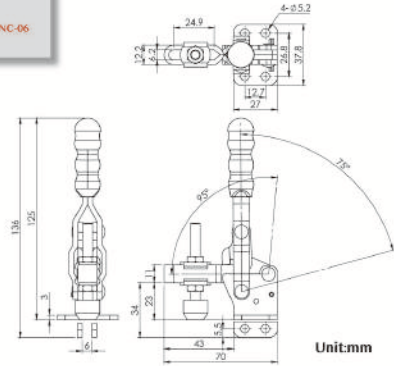

Unit:mm


GH 11501-B / 11502-B

- Holding Capacity 150kg
- Bar Opens 95° / 185°
- Handle Opens 75° / 110°
- Weight 0.19kg
- Spindle Supplied SA-065010-NC-06
- Flanged Washers FW-142

GH 11502-BSS (STAINLESS STEEL)

- Holding Capacity 150kg
- Bar Opens 95° / 185°
- Handle Opens 75° / 110°
- Weight 0.19kg
- Spindle Supplied SA-065010-SS+NC-06
- Flanged Washers FW-142-SS

GH-11501-B
GH-11502-B


Unit:mm

GH 11501-C / 11502-C

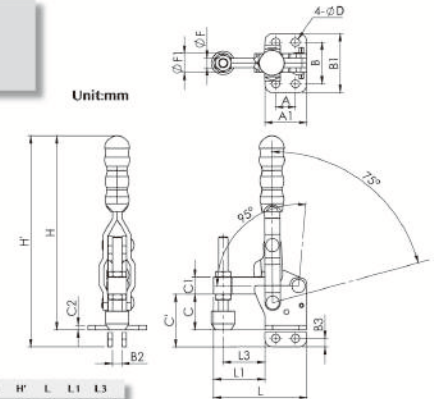
- Holding Capacity 150kg
- Bar Opens 95° / 185°
- Handle Opens 69° / 110°
- Weight 0.19kg
- Spindle Supplied SA-065010-NC-06

GH 12501-C / 12502-C

- Holding Capacity 250kg
- Bar Opens 90° / 150°
- Handle Opens 70° / 100°
- Weight 0.43kg
- Spindle Supplied SA-086512

GH-11501-C
GH-11502-C


Unit:mm



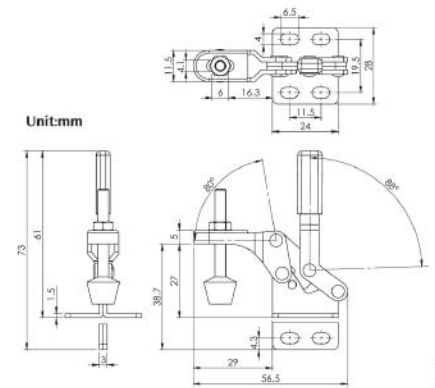
Part No.	DESCRIPTION	A	A1	B	B1	B2	B3	C	C'	C1	C2	D	F	F1	H	H'	L	L1	L3
11501-C	STRAIGHT BASE	12.7	27	-	-	6	5.5	-	34	11	3	5.2	6.2	12.2	-	136	60	33	26.9
11502-C	FLANGED BASE	12.7	27	26.8	37.8	-	-	23	-	11	3	5.2	6.2	12.2	125	-	60	33	26.9
12501-C	STRAIGHT BASE	19	35	-	-	6	7.5	-	48	17.5	3	7.1	8.5	14.5	-	194	87.7	52.7	45.5
12502-C	FLANGED BASE	19	35	32	47	-	-	32	-	17.5	3	7.1	8.5	14.5	178	-	87.7	52.7	45.5

GH 13009 / 14009

- Holding Capacity 30kg
- Bar Opens 80°
- Handle Opens 88°
- Weight 0.05kg
- Spindle Supplied FC-044207

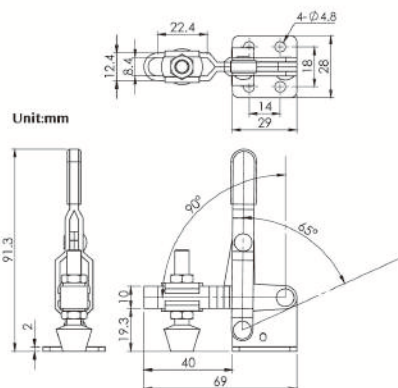
GH-13009
GH-14009


Unit:mm

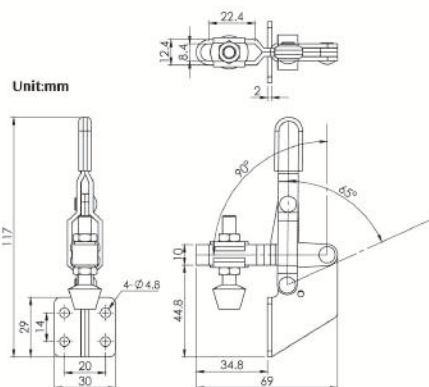


GH 102-B

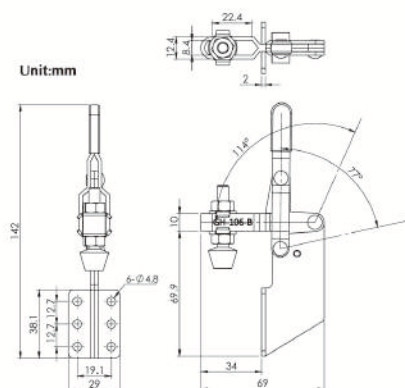
- Holding Capacity 100Kg
- Bar Opens 90°
- Handle Opens 65°
- Weight 0.11Kg
- Spindle Supplied FC-064410
- Flanged Washers FW-142

GH-102-B

GH 101-B

- Holding Capacity 100Kg
- Bar Opens 90°
- Handle Opens 65°
- Weight 0.14Kg
- Spindle Supplied FC-064410
- Flanged Washers FW-142

GH-101-B

GH 106-B

- Holding Capacity 100Kg
- Bar Opens 114°
- Handle Opens 77°
- Weight 0.16Kg
- Spindle Supplied FC-064410
- Flanged Washers FW-142

GH-106-B

GH 101-D / 101-DI

- Holding Capacity 180Kg
- Bar Opens 100°
- Handle Opens 62°
- Weight 0.35Kg
- Spindle Supplied FC-086312
- Flanged Washers FW-516

GH 10200-E / 10200-EI

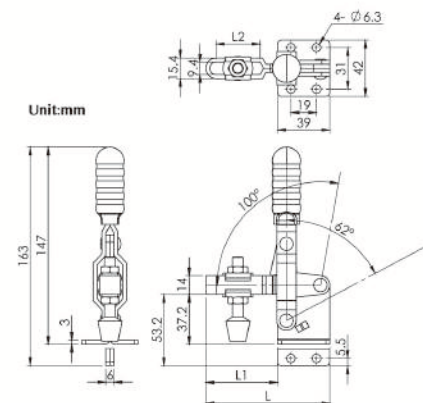
- Holding Capacity 180Kg
- Bar Opens 100°
- Handle Opens 62°
- Weight 0.44Kg
- Spindle Supplied FC-086312
- Flanged Washers FW-516

GH-101-D

GH-101-DI

GH 10150-E / 10150-EI

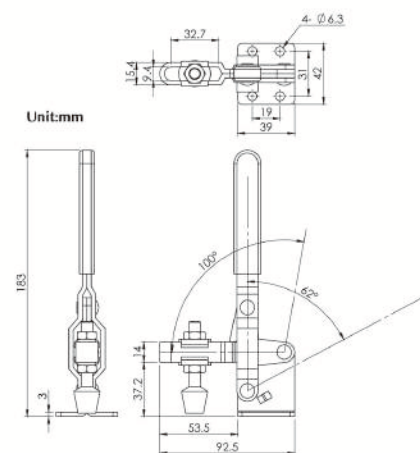
- Holding Capacity 180Kg
- Bar Opens 100°
- Handle Opens 62°
- Weight 0.41Kg
- Spindle Supplied FC-086312
- Flanged Washers FW-516

Unit:mm


Part No.	DESCRIPTION	L	L1	L2
101-D	FLANGED BASE	92.5	53.5	32.7
101-DI	STRAIGHT BASE	92.5	53.5	32.7
101-E	FLANGED BASE	142.6	103.6	82.7
101-EI	STRAIGHT BASE	142.6	103.6	82.7
10150-E	FLANGED BASE	193.5	154.5	128.5
10150-EI	STRAIGHT BASE	193.5	154.5	128.5
10200-E	FLANGED BASE	243	204	178
10200-EI	STRAIGHT BASE	243	204	178

GH 101-DL

- Holding Capacity 180Kg
- Bar Opens 100°
- Handle Opens 62°
- Weight 0.37Kg
- Spindle Supplied FC-086312
- Flanged Washers FW-516

GH-101-DL


GH 11401 / 12401

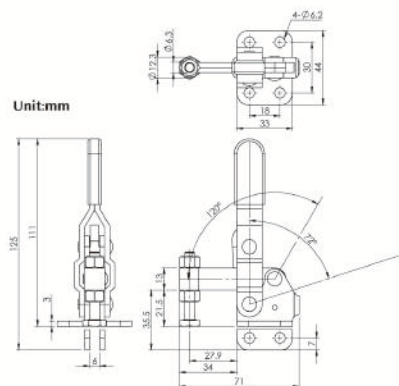
- Holding Capacity 100kg
- Bar Opens 120°
- Handle Opens 72°
- Weight 0.21Kg
- Spindle Supplied SA-064010

GH-11401

GH-12401



Unit:mm



GH 14412 / 13412

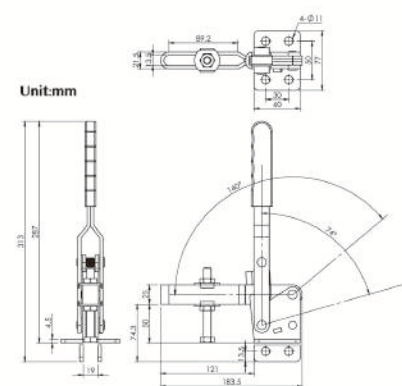
- Holding Capacity 300Kg
- Bar Opens 140°
- Handle Opens 74°
- Weight 1.27Kg
- Spindle Supplied SA-109015
- Flanged Washers FW-121

GH-14412

GH-13412



Unit:mm

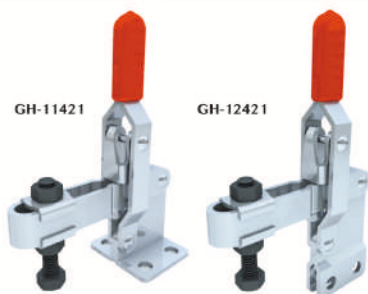


GH 11421 / 12421

- Holding Capacity 200Kg
- Bar Opens 94°
- Handle Opens 54°
- Weight 0.37Kg
- Spindle Supplied SA-085012
- Flanged Washers FW-380

GH-11421

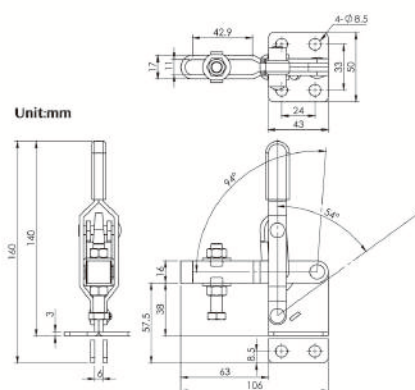
GH-12421



GH GH-11421-SS (STAINLESS STEEL)

- Holding Capacity 200Kg
- Bar Opens 94°
- Handle Opens 54°
- Weight 0.37Kg
- Spindle Supplied SA-085012-SS
- Flanged Washers FW-380-SS

Unit:mm



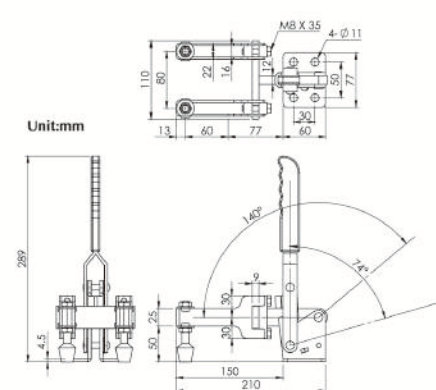
GH 14100

- Holding Capacity 80Kg-152Kg
- Bar Opens 140°
- Handle Opens 74°
- Weight 2Kg
- Spindle Supplied FC-108515
- Flanged Washers FW-121

GH-14100



Unit:mm

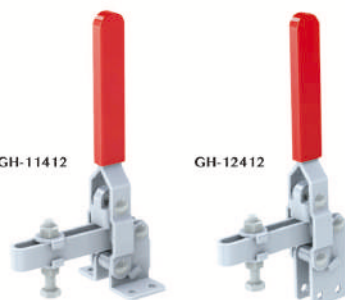


GH 11412 / 12412

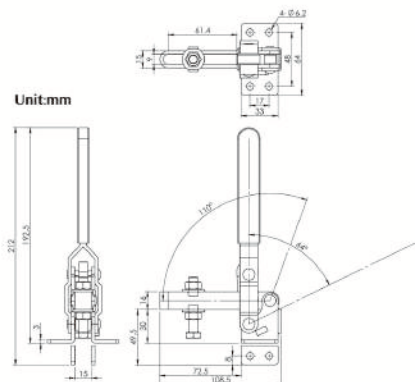
- Holding Capacity 200Kg
- Bar Opens 110°
- Handle Opens 64°
- Weight 0.42Kg
- Spindle Supplied SA-085012
- Flanged Washers FW-516

GH-11412

GH-12412



Unit:mm



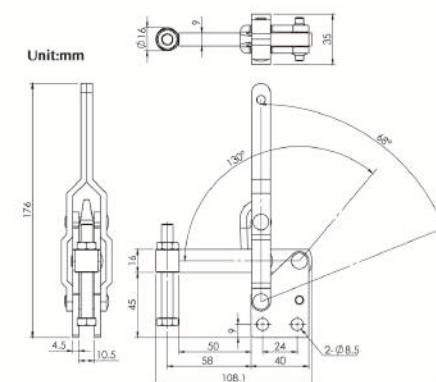
GH 11350

- Holding Capacity 150Kg
- Bar Opens 130°
- Handle Opens 68°
- Weight 0.43Kg
- Spindle Supplied SA-086512

GH-11350

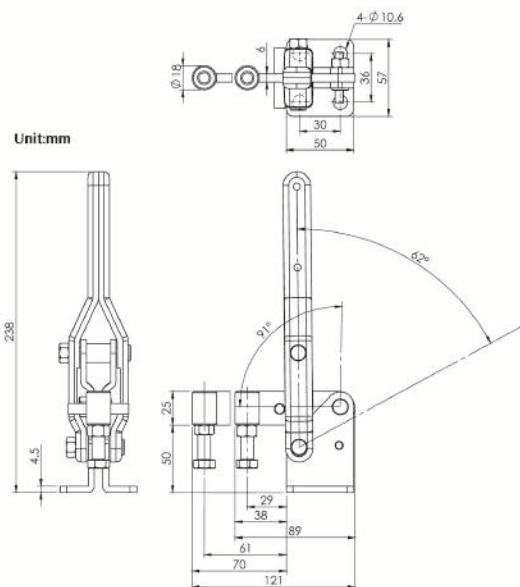


Unit:mm

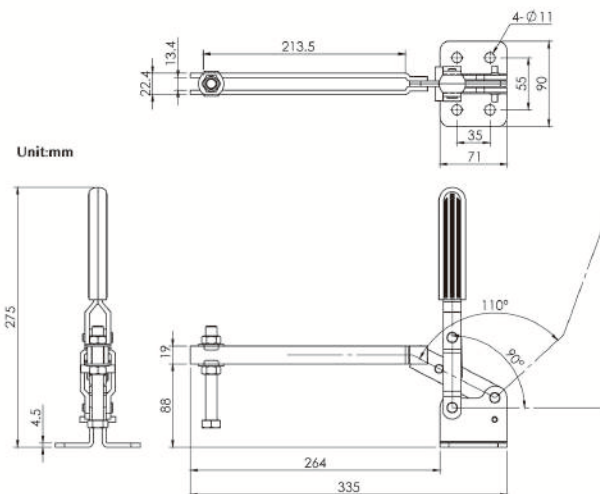


GH 10444 / 10448

- Holding Capacity 400kg
- Bar Opens 91°
- Handle Opens 62°
- Weight 0.87kg / 0.84kg
- Spindle Supplied SA-105015

GH-10444
GH-10448

GH 11201

- Holding Capacity 100-370kg
- Bar Opens 110°
- Handle Opens 90°
- Weight 1.5kg
- Spindle Supplied SA-121017
- Flanged Washers FW-120

GH-11201


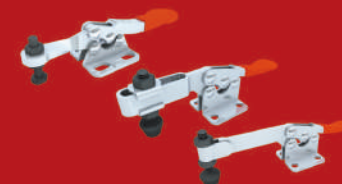
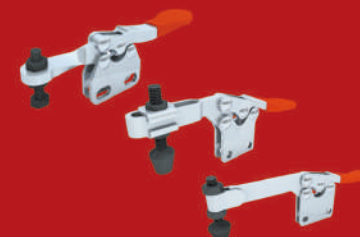
GH-2 series

Horizontal toggle clamps have the advantage of having a low profile when the handle is in the closed position, and so are most suitable for applications having a height restriction.

The bar and handle geometry use opposite axis directions.

Features include:

- Red vinyl hand grip with cushioned rib profile for improved user comfort.
- All body and linkage components are zinc plated to resist corrosion.
- Pivot points are fitted with hardened steel or stainless steel rivets to maintain accuracy and provide a long service life.
- Clamps with adjustable spindles are manufactured with a formed end to the bar, which captivates the spindle should it become loose during operation.
- The handle and bar linkages are designed to provide a smooth continuous action when the handle is opened and closed.

**Flat Base
All Bar Types**

**Side Mounting
All Bar Types**
**Straight Base
All Bar Types**


GH 201 / 201-I

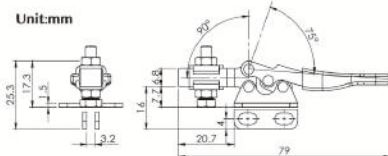
- Holding Capacity 27Kg
- Bar Opens 90°
- Handle Opens 75°
- Weight 0.03kg
- Spindle Supplied SA-042007(Nylon)
- Flanged Washers FW-080

GH 201-SS (STAINLESS STEEL)

- Holding Capacity 27Kg
- Bar Opens 90°
- Handle Opens 75°
- Weight 0.03kg
- Spindle Supplied SA-042007-SS
- Flanged Washers FW-080-SS



Unit:mm



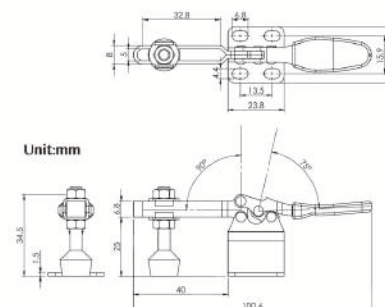
GH 201-H

- Holding Capacity 40Kg
- Bar Opens 90°
- Handle Opens 75°
- Weight 0.06kg
- Spindle Supplied FC-053808
- Flanged Washers FW-081



GH-201-H

Unit:mm

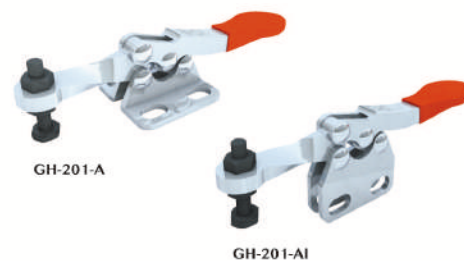


GH 201-A / 201-AI

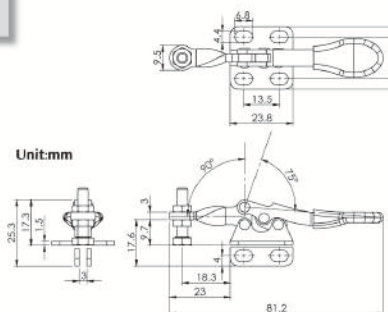
- Holding Capacity 27Kg
- Bar Opens 90°
- Handle Opens 75°
- Weight 0.03kg
- Spindle Supplied SA-042007(Nylon)

GH 201-ASS (STAINLESS STEEL)

- Holding Capacity 27Kg
- Bar Opens 90°
- Handle Opens 75°
- Weight 0.03kg
- Spindle Supplied SA-042007-SS



Unit:mm



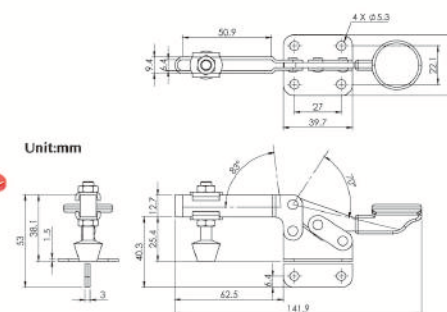
GH 22100 / 22105

- Holding Capacity 68Kg
- Bar Opens 83°
- Handle Opens 70°
- Weight 0.11kg
- Spindle Supplied FC-064410
- Flanged Washers FW-140



GH-22105

Unit:mm



GH 201-L / 201-R

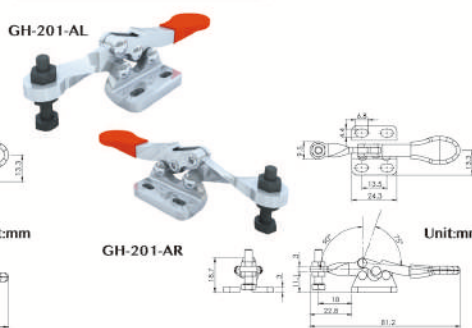
- Holding Capacity 27Kg
- Bar Opens 90°
- Handle Opens 75°
- Weight 0.03kg
- Spindle Supplied SA-042007(Nylon)
- Flanged Washers FW-080

GH 201-AL / 201-AR

- Holding Capacity 27Kg
- Bar Opens 90°
- Handle Opens 75°
- Weight 0.03kg
- Spindle Supplied SA-042007(Nylon)



GH-201-AL



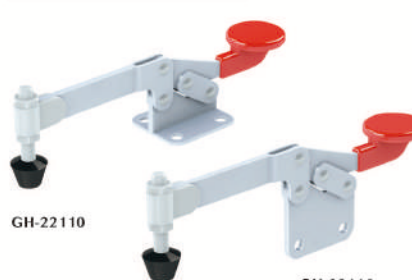
GH-201-AR

Unit:mm

Unit:mm

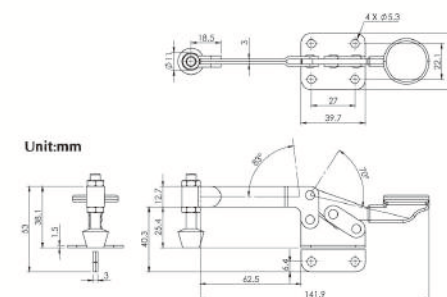
GH 22110 / 22115

- Holding Capacity 68Kg
- Bar Opens 83°
- Handle Opens 70°
- Weight 0.11kg
- Spindle Supplied FC-064410
- Bolt Retainer BR-140



GH-22115

Unit:mm



GH 201-B / 201-BI

- Holding Capacity 90Kg
- Bar Opens 85°
- Handle Opens 73°
- Weight 0.13kg
- Spindle Supplied FC-064410
- Flanged Washers FW-140

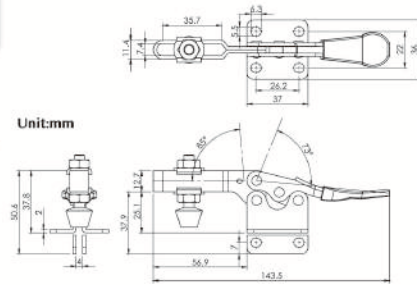


GH-201-B

GH-201-BI

GH 201-BSS (STAINLESS STEEL)

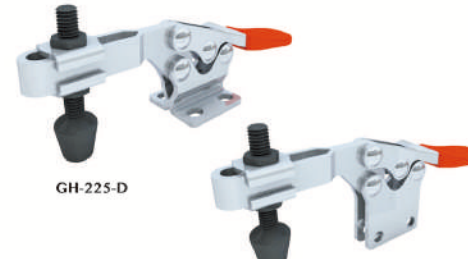
- Holding Capacity 90Kg
- Bar Opens 85°
- Handle Opens 73°
- Weight 0.13kg
- Spindle Supplied SA-064010-SS
- Flanged Washers FW-140-SS



Unit:mm

GH 225-D / 225-DI

- Holding Capacity 227Kg
- Bar Opens 90°
- Handle Opens 65°
- Weight 0.26Kg
- Spindle Supplied FC-086312
- Flanged Washers FW-516

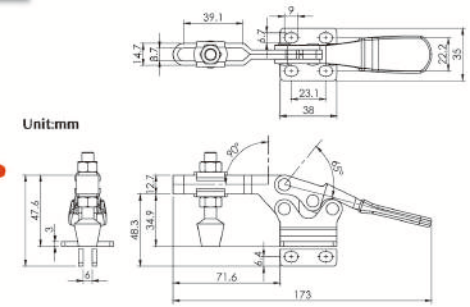


GH-225-D

GH-225-DI

GH 225-DSS (STAINLESS STEEL)

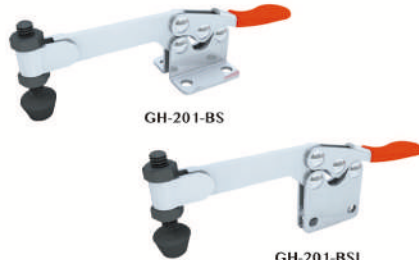
- Holding Capacity 227Kg
- Bar Opens 90°
- Handle Opens 65°
- Weight 0.26Kg
- Spindle Supplied SA-085012-SS
- Flanged Washers FW-516-SS



Unit:mm

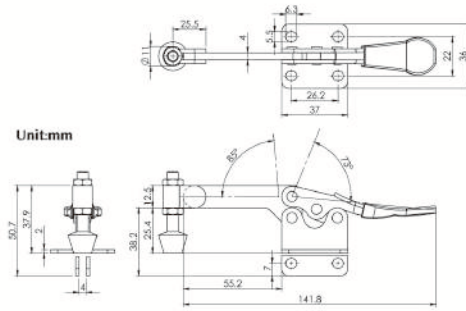
GH 201-BS / 201-BSI

- Holding Capacity 90Kg
- Bar Opens 85°
- Handle Opens 73°
- Weight 0.13kg
- Spindle Supplied FC-064410
- Bolt Retainer BR-140



GH-201-BS

GH-201-BSI



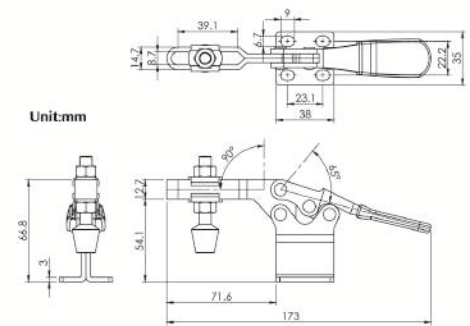
Unit:mm

GH 225-DHB

- Holding Capacity 227Kg
- Bar Opens 90°
- Handle Opens 65°
- Weight 0.29Kg
- Spindle Supplied FC-086312
- Flanged Washers FW-516



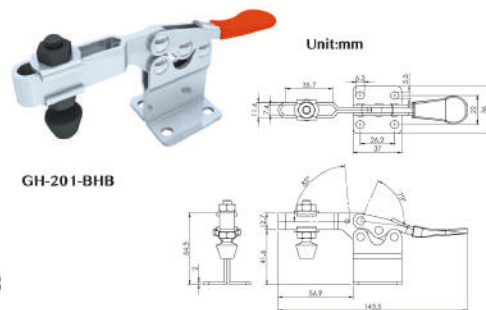
GH-225-DHB



Unit:mm

GH 201-BHB

- Holding Capacity 90Kg
- Bar Opens 85°
- Handle Opens 73°
- Weight 0.15kg
- Spindle Supplied FC-064410
- Flanged Washers FW-140

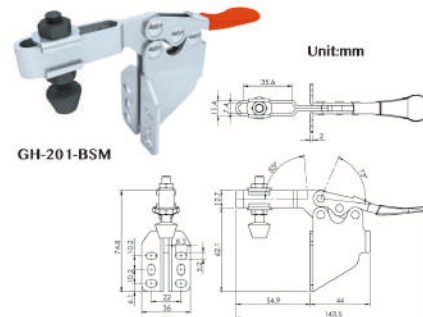


GH-201-BHB

Unit:mm

GH 201-BSM

- Holding Capacity 90Kg
- Bar Opens 85°
- Handle Opens 73°
- Weight 0.16kg
- Spindle Supplied FC-064410
- Flanged Washers FW-140

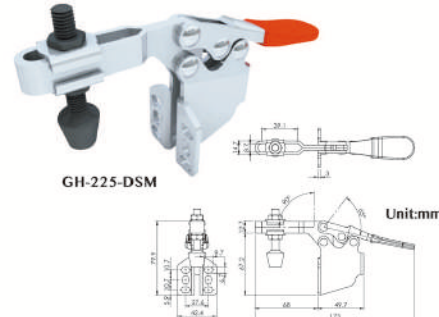


GH-201-BSM

Unit:mm

GH 225-DSM

- Holding Capacity 227Kg
- Bar Opens 90°
- Handle Opens 65°
- Weight 0.32Kg
- Spindle Supplied FC-086312
- Flanged Washers FW-516

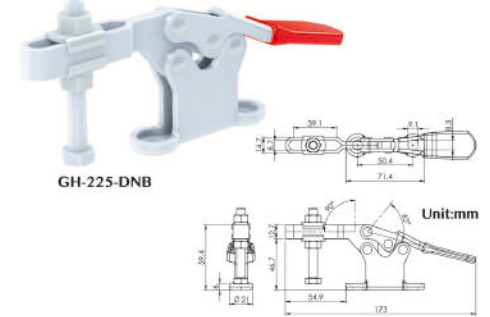


GH-225-DSM

Unit:mm

GH 225-DNB

- Holding Capacity 227Kg
- Bar Opens 90°
- Handle Opens 65°
- Weight 0.26Kg
- Spindle Supplied SA-085012
- Flanged Washers FW-516

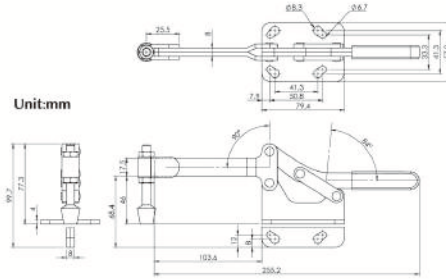


GH-225-DNB

Unit:mm

GH 22245 / 22250

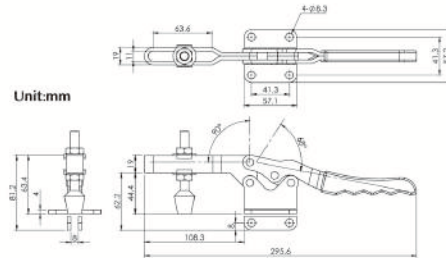
- Holding Capacity 273Kg
- Bar Opens 90°
- Handle Opens 84°
- Weight 0.64Kg
- Spindle Supplied FC-087512
- Bolt Retainer BR-516



Unit:mm

GH 20235 / 20236

- Holding Capacity 340Kg
- Bar Opens 90°
- Handle Opens 68°
- Weight 0.61Kg
- Spindle Supplied FC-108515
- Flanged Washers FW-380



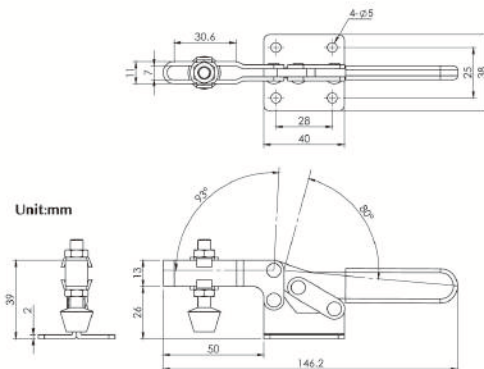
Unit:mm

GH 20235-SS (STAINLESS STEEL)

- Holding Capacity 340Kg
- Bar Opens 90°
- Handle Opens 68°
- Weight 0.61Kg
- Spindle Supplied SA-107515-SS
- Flanged washers FW-380-SS

GH 201-C

- Holding Capacity 100Kg
- Bar Opens 93°
- Handle Opens 80°
- Weight 0.14Kg
- Spindle Supplied FC-064410
- Flanged Washers FW-140



Unit:mm

GH 20752-B

- Holding Capacity 75Kg
- Bar Opens 96°
- Handle Opens 78°
- Weight 0.09Kg
- Spindle Supplied SA-054008-SS+NC-05
- Flanged Washers FW-100

GH 21502-B

- Holding Capacity 150Kg
- Bar Opens 93°
- Handle Opens 76°
- Weight 0.25Kg
- Spindle Supplied SA-065010+NC-06
- Flanged Washers FW-140

GH 22502-B

- Holding Capacity 250Kg
- Bar Opens 90°
- Handle Opens 72°
- Weight 0.44Kg
- Spindle Supplied SA-086512
- Flanged Washers FW-516

GH 20752-BSS

- Holding Capacity 75Kg
- Bar Opens 96°
- Handle Opens 78°
- Weight 0.09Kg
- Spindle Supplied SA-054008-SS+NC-05
- Flanged Washers FW-100-SS

GH 21502-BSS

- Holding Capacity 150Kg
- Bar Opens 93°
- Handle Opens 76°
- Weight 0.25Kg
- Spindle Supplied SA-065010-SS+NC-06
- Flanged Washers FW-140-SS

GH 22502-BSS

- Holding Capacity 250Kg
- Bar Opens 90°
- Handle Opens 72°
- Weight 0.44Kg
- Spindle Supplied SA-086512-SS
- Flanged Washers FW-516-SS

GH 23502-B

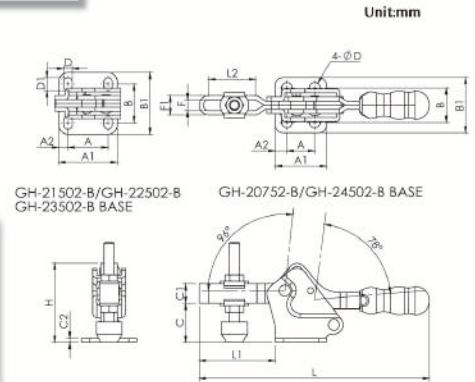
- Holding Capacity 350Kg
- Bar Opens 90°
- Handle Opens 72°
- Weight 0.96Kg
- Spindle Supplied SA-107515
- Flanged Washers FW-380

GH 24502-B

- Holding Capacity 450Kg
- Bar Opens 94°
- Handle Opens 85°
- Weight 1.45Kg
- Spindle Supplied SA-121017
- Flanged Washers FW-120



GH-20752-B



Unit:mm

Part No.	A	A1	B	B1	C	C1	C2	D	D1	F	F1	H	L	L1	L2
20752-B	13.5	25	16.8	27	19	9.5	2	5.2	-	5.3	9.3	38.5	112	37	22.8
21502-B	26	38	25	40	25	14	2.5	5.5	8.5	6.2	11.2	52.1	174	61	37.5
22502-B	26	42	28.5	47	34	17.5	3	6.6	9.1	9	15	66.5	225	79	48.6
23502-B	41.2	59	41	59	45	23	4	8.7	10.7	11.4	19.4	90.1	277	108	72.9
24502-B	41.2	66	41.3	67	59	26	5	8.7	-	13.2	23.2	110.4	308.7	128	87.2
20752-BSS	STAINLESS STEEL														
21502-BSS	STAINLESS STEEL														
22502-BSS	STAINLESS STEEL														

GH 203-F

- Holding Capacity 227Kg
- Bar Opens 94°
- Handle Opens 67°
- Weight 0.35Kg
- Spindle Supplied FC-086312
- Flanged Washers FW-516

GH 203-FL

- Holding Capacity 227Kg
- Bar Opens 94°
- Handle Opens 67°
- Weight 0.38Kg
- Spindle Supplied FC-086312
- Flanged Washers FW-516

GH 203-FSS (STAINLESS STEEL)

- Holding Capacity 227Kg
- Bar Opens 94°
- Handle Opens 67°
- Weight 0.35Kg
- Spindle Supplied SA-085012-SS
- Flanged Washers FW-516-SS

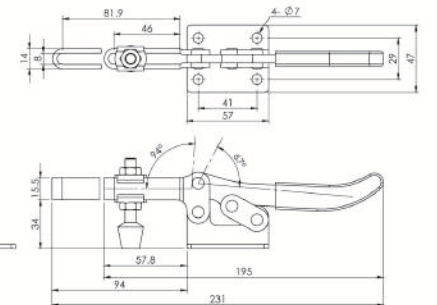


GH-203-F



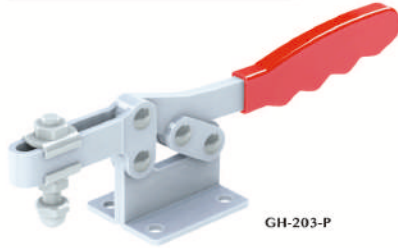
GH-203-FL

Unit:mm



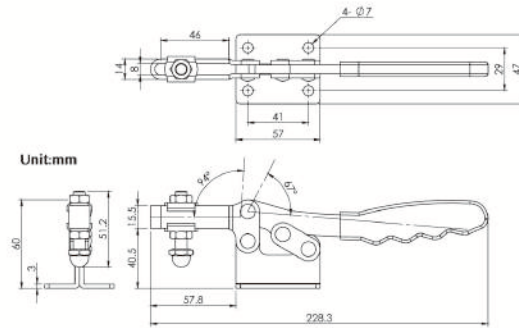
GH 203-P

- Holding Capacity 227Kg
- Bar Opens 94°
- Handle Opens 67°
- Weight 0.41Kg
- Spindle Supplied M8 Spindle+Cap Nut
- Flanged Washers FW-516



GH-203-P

Unit:mm



GH 204-GB / 204-GBL / 204-GBLH

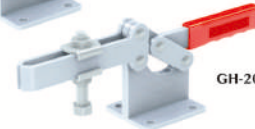
- Holding Capacity 630Kg
- Bar Opens 94°
- Handle Opens 94°
- Weight 1.16Kg / 1.27Kg / 1.43Kg
- Spindle Supplied SA-121017
- Flanged Washers FW-120



GH-204-GB

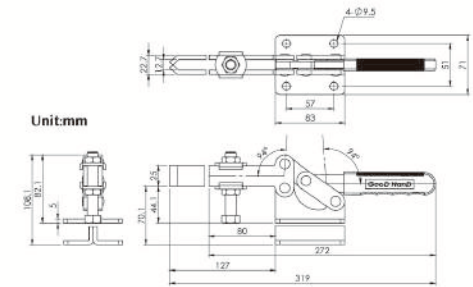


GH-204-GBL



GH-204-GBLH

Unit:mm



Part No.	Description
204-GB	SHORT BAR LOW BASE
204-GBL	LONG BAR LOW BASE
204-GBLH	LONG BAR HIGH BASE

GH 202-F

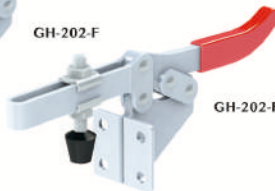
- Holding Capacity 227Kg
- Bar Opens 86°
- Handle Opens 60°
- Weight 0.35Kg
- Spindle Supplied FC-086312
- Flanged Washers FW-516



GH-202-F

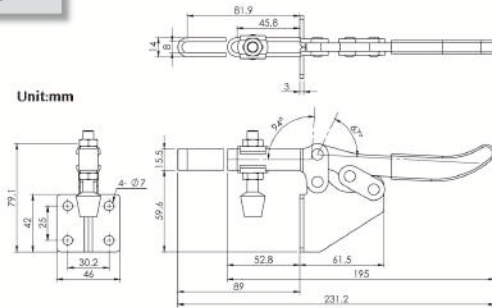
GH 202-FL

- Holding Capacity 227Kg
- Bar Opens 86°
- Handle Opens 60°
- Weight 0.41Kg
- Spindle Supplied FC-086312
- Flanged Washers FW-516



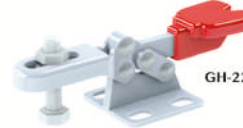
GH-202-FL

Unit:mm



GH 22005 / 22010 / 22015 / 22020

- Holding Capacity 22.7Kg
- Bar Opens 90°
- Handle Opens 69°
- Weight 0.03Kg
- Spindle Supplied SA-042007(Nylon)



GH-22005



GH-22010

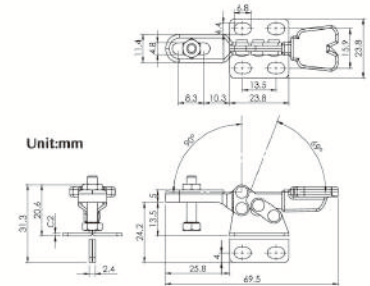


GH-22015



GH-22020

Unit:mm



Part No.	Description	C2
22005	FLANGED BASE	1.2
22010	STRAIGHT BASE	1.2
22015	RIGHT HAND FLANGED BASE	2.5
22020	LEFT HAND FLANGED BASE	2.5

GH 204-G

- Holding Capacity 630Kg
- Bar Opens 91°
- Handle Opens 93°
- Weight 1.23Kg
- Spindle Supplied SA-121017
- Flanged Washers FW-120



GH-204-G

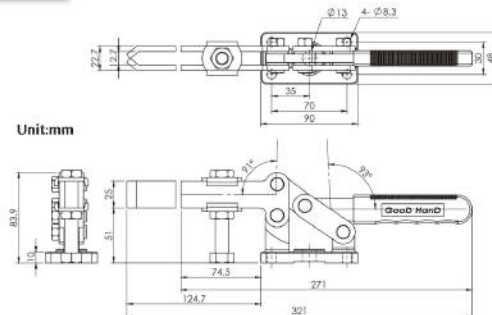
GH 204-GL

- Holding Capacity 630Kg
- Bar Opens 90°
- Handle Opens 92°
- Weight 1.34Kg
- Spindle Supplied SA-121017
- Flanged Washers FW-120



GH-204-GL

Unit:mm



GH 22025 / 22030 / 22035 / 22040

- Holding Capacity 22.7Kg
- Bar Opens 90°
- Handle Opens 69°
- Weight 0.03Kg
- Spindle Supplied SA-042007(Nylon)



GH-22025



GH-22030

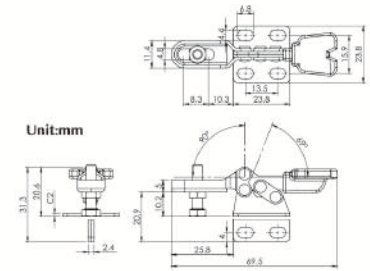


GH-22035



GH-22040

Unit:mm



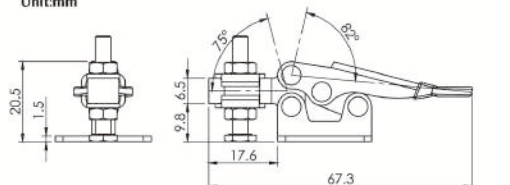
Part No.	Description	C2
22025	FLANGED BASE	1.2
22030	STRAIGHT BASE	1.2
22035	RIGHT HAND FLANGED BASE	2.5
22040	LEFT HAND FLANGED BASE	2.5

GH 20400

- Holding Capacity 20Kg
- Bar Opens 75°
- Handle Opens 82°
- Weight 0.04Kg
- Spindle Supplied SA-042507
- Flanged Washers FW-080


GH-20400

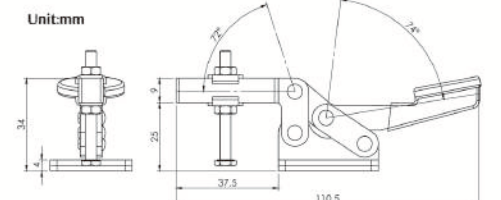
Unit:mm


GH 20300

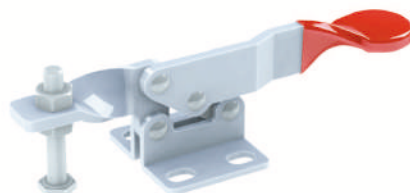
- Holding Capacity 30Kg
- Bar Opens 72°
- Handle Opens 74°
- Weight 0.1Kg
- Spindle Supplied SA-04407
- Flanged Washers FW-100


GH-20300

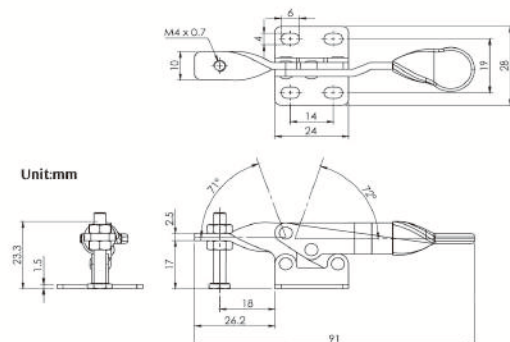
Unit:mm


GH 20100

- Holding Capacity 20Kg
- Bar Opens 71°
- Handle Opens 72°
- Weight 0.04Kg
- Spindle Supplied SA-042507


GH-20100

Unit:mm

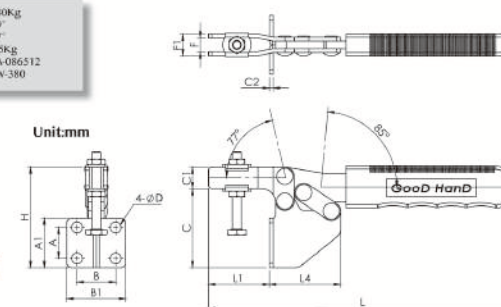

GH 21383

- Holding Capacity 250Kg
- Bar Opens 77°
- Handle Opens 85°
- Weight 0.26Kg
- Spindle Supplied SA-065010
- Flanged Washers FW-516


GH-21383
GH 25383

- Holding Capacity 280Kg
- Bar Opens 79°
- Handle Opens 87°
- Weight 0.3Kg
- Spindle Supplied SA-086512
- Flanged Washers FW-380

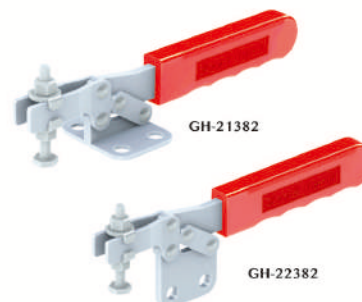
Unit:mm



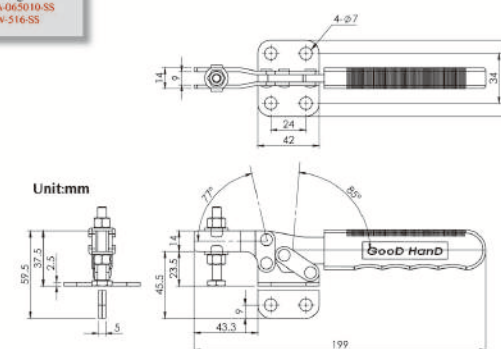
Part No.	A	A2	B	B1	C	C1	C2	D	F	F1	H	L	L1	L4
21383	20	32	25	38	51	14	2.5	7	9	14	65	199	39.3	46
25383	23	38	28	44	71	20	3	7	12	18	91	252.8	80.3	62

GH 21382 / 22382

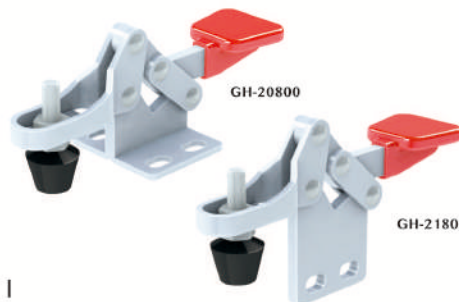
- Holding Capacity 250Kg
- Bar Opens 77°
- Handle Opens 85°
- Weight 0.22Kg
- Spindle Supplied SA-065010
- Flanged Washers FW-516


GH-21382
GH-22382

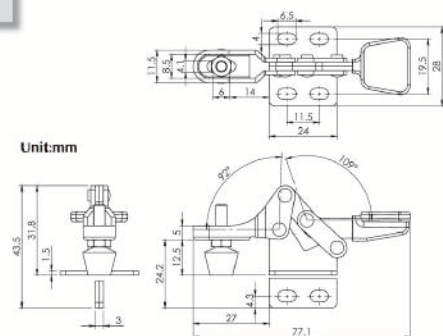
Unit:mm


GH 20800 / 21800

- Holding Capacity 30Kg
- Bar Opens 92°
- Handle Opens 109°
- Weight 0.04Kg
- Spindle Supplied FC-042507


GH-20800
GH-21800

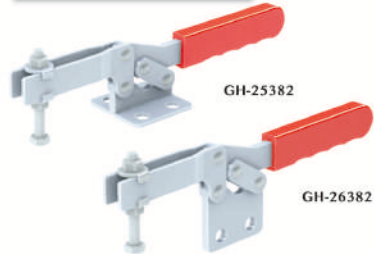
Unit:mm


GH 20800-SS (STAINLESS STEEL)

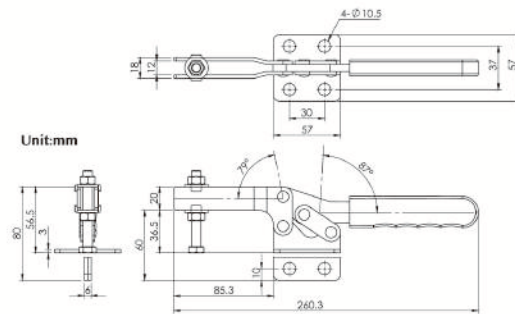
- Holding Capacity 30Kg
- Bar Opens 92°
- Handle Opens 109°
- Weight 0.04Kg
- Spindle Supplied SA-042507-SS

GH 25382 / 26382

- Holding Capacity 280Kg
- Bar Opens 79"
- Handle Opens 87"
- Weight 0.46Kg
- Spindle Supplied SA-106512
- Flanged Washers FW-380



Unit:mm

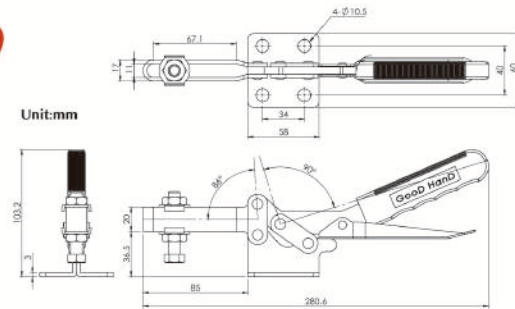

GH 21385

- Holding Capacity 300Kg
- Bar Opens 86"
- Handle Opens 90"
- Weight 0.55Kg
- Spindle Supplied SA-106515
- Flanged Washers FW-380

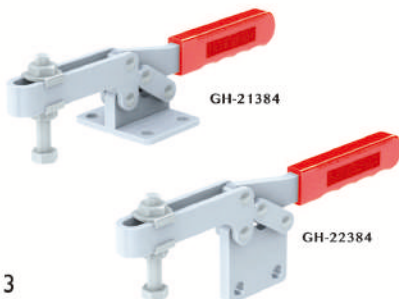


GH-21385

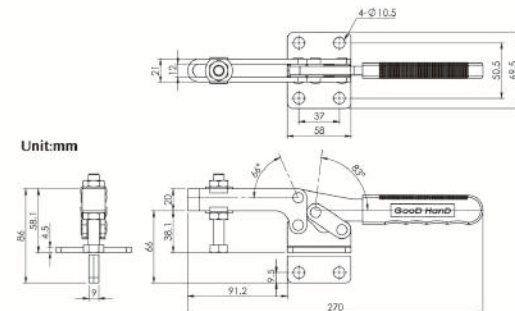
Unit:mm


GH 21384 / 22384

- Holding Capacity 500Kg
- Bar Opens 66"
- Handle Opens 83"
- Weight 0.74Kg
- Spindle Supplied SA-106515
- Flanged Washers FW-121



Unit:mm


GH 200-W

- Holding Capacity 400Kg
- Bar Opens 84"
- Handle Opens 90"
- Weight 0.57Kg
- Spindle Supplied FC-108515
- Flanged Washers FW-380

GH 200-WL

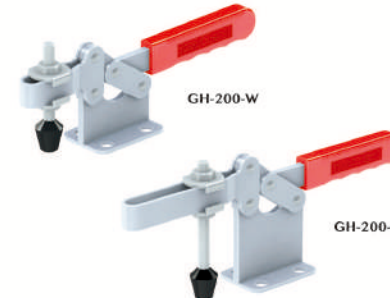
- Holding Capacity 400Kg
- Bar Opens 84"
- Handle Opens 90"
- Weight 0.62Kg
- Spindle Supplied FC-108515
- Flanged Washers FW-380

GH 200-WH

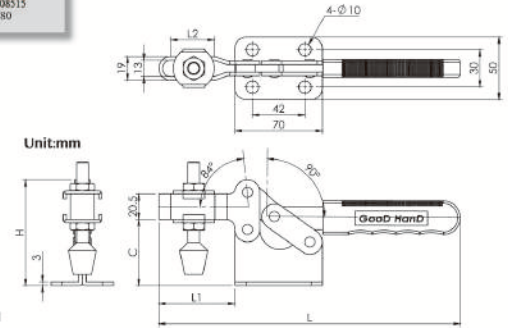
- Holding Capacity 400Kg
- Bar Opens 84"
- Handle Opens 90"
- Weight 0.66Kg
- Spindle Supplied FC-108515
- Flanged Washers FW-380

GH 200-WLH

- Holding Capacity 400Kg
- Bar Opens 84"
- Handle Opens 90"
- Weight 0.7Kg
- Spindle Supplied FC-108515
- Flanged Washers FW-380



Unit:mm



Part No.	Description	C	H	L	L1	L2
200-W	SHORT BAR, LOW BASE	53	85	241	61	35
200-WL	LONG BAR, LOW BASE	53	85	291	111	85
200-WH	SHORT BAR, HIGH BASE	78	110	241	61	35
200-WLH	LONG BAR, HIGH BASE	78	110	291	111	85

GH 220-WH

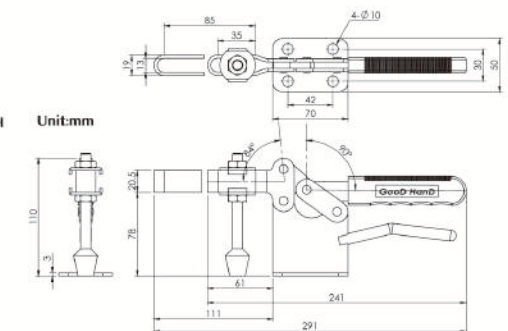
- Holding Capacity 400Kg
- Bar Opens 84"
- Handle Opens 90"
- Weight 0.74Kg
- Spindle Supplied FC-108515
- Flanged Washers FW-380

GH 220-WLH

- Holding Capacity 400Kg
- Bar Opens 84"
- Handle Opens 90"
- Weight 0.78Kg
- Spindle Supplied FC-108515
- Flanged Washers FW-380

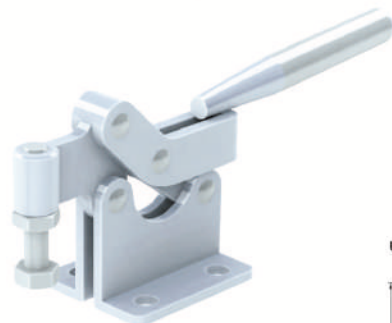


Unit:mm

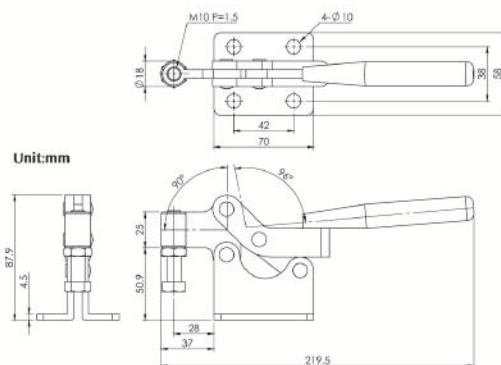


GH 20448

- Holding Capacity 700kg
- Bar Opens 90°
- Handle Opens 90°
- Weight 0.81kg
- Spindle Supplied SA-105015



GH-20448



GH-3 series

Push-Pull toggle clamps use a plunger mechanism to produce a positive straight-line action. They have the advantage of having a low profile, using side or end clamping and so are most suitable for applications having a height restriction.

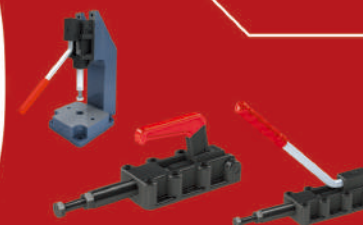
Features include:

- Red vinyl hand grip with cushioned rib profile for improved user comfort.
- All body and linkage components on the light duty range are zinc plated to resist corrosion.
- The heavy-duty range has ductile cast iron bases and frame for strength and rigidity.
- All Toggle Presses incorporate a Push-Pull toggle clamp plunger mechanism to produce a positive straight-line action. They have the advantage of delivering the maximum output force in the fully extended position of the stroke and so are most suitable for applications such as shearing, piercing, swaging, punching and riveting.
- A close tolerance is maintained between the base and plunger to allow use for pin location and gauging as well as clamping applications.
- Pivot points are fitted with hardened steel or stainless steel rivets to maintain accuracy and provide a long service life.

Flat Base



Heavy Duty



Nose Mounted



Straight Base



GH 301-AM

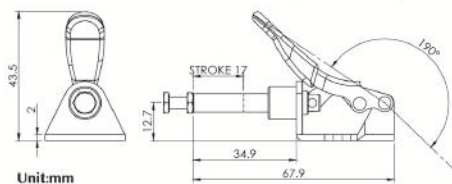
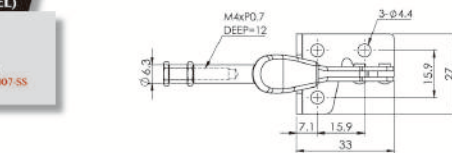
- Holding Capacity 45Kg
- Plunger Stroke 17mm
- Handle Opens 190°
- Weight 0.04Kg
- Spindle Supplied SA-042007(Nylon)



GH-301AM

GH 301-AMSS (STAINLESS STEEL)

- Holding Capacity 45Kg
- Plunger Stroke 17mm
- Handle Opens 190°
- Weight 0.04Kg
- Spindle Supplied SA-042007-SS



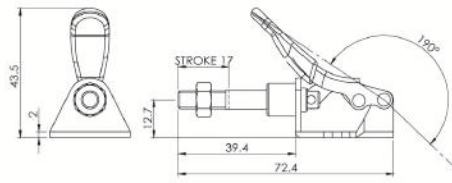
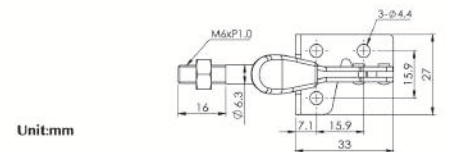
Unit:mm

GH 301-BM

- Holding Capacity 45Kg
- Plunger Stroke 17mm
- Handle Opens 190°
- Weight 0.04Kg



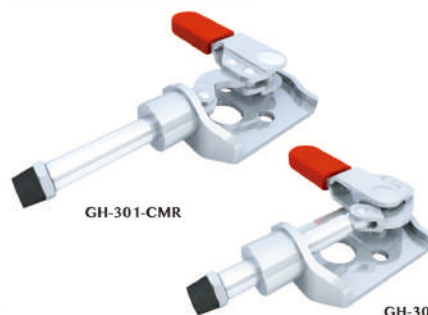
GH-301BM



Unit:mm

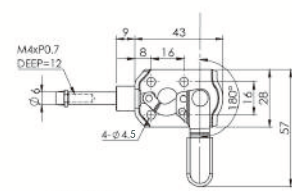
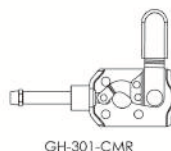
GH 301-CML / 301-CMR

- Holding Capacity 50Kg
- Plunger Stroke 16mm
- Handle Opens 180°
- Weight 0.06Kg
- Spindle Supplied FC-041807



GH-301-CMR

GH-301-CML



Unit:mm

GH 302-FM

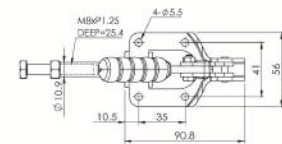
- Holding Capacity 136Kg
- Plunger Stroke 32mm
- Handle Opens 180°
- Weight 0.3Kg
- Spindle Supplied SA-085012



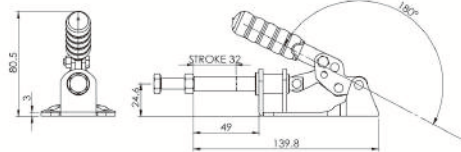
GH-302-FM

GH 302-FMSS (STAINLESS STEEL)

- Holding Capacity 136Kg
- Plunger Stroke 32mm
- Handle Opens 180°
- Weight 0.3Kg
- Spindle Supplied SA-085012-SS



Unit:mm

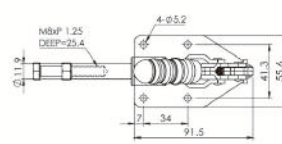


GH 36092M

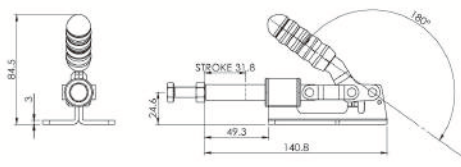
- Holding Capacity 180Kg
- Plunger Stroke 31.8mm
- Handle Opens 180°
- Weight 0.38Kg
- Spindle Supplied SA-085012



GH-36092M

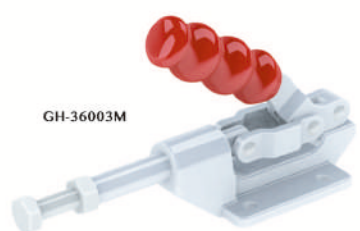


Unit:mm



GH 36003M

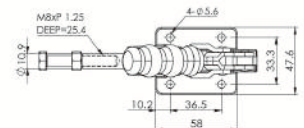
- Holding Capacity 272Kg
- Plunger Stroke 31.8mm
- Handle Opens 180°
- Weight 0.42Kg
- Spindle Supplied SA-085012



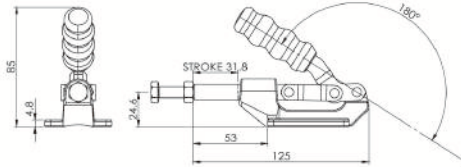
GH-36003M

GH 36003-MSS (STAINLESS STEEL)

- Holding Capacity 272Kg
- Plunger Stroke 31.8mm
- Handle Opens 180°
- Weight 0.42Kg
- Spindle Supplied SA-085012-SS

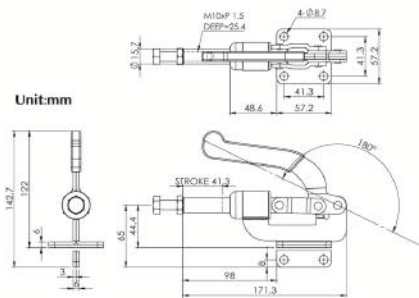


Unit:mm



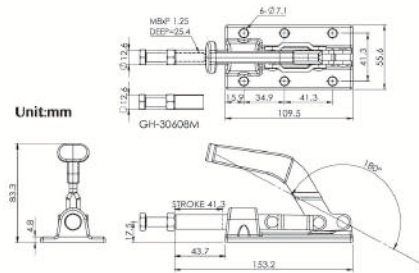
GH 36010M / 36012M

- Holding Capacity 364Kg
- Plunger Stroke 41.3mm
- Handle Opens 180°
- Weight 0.8Kg / 0.77Kg
- Spindle Supplied SA-105015



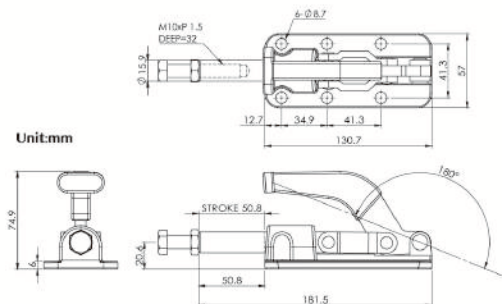
GH 30607M / 30608M

- Holding Capacity 318Kg
- Plunger Stroke 41.3mm
- Handle Opens 180°
- Weight 0.66Kg
- Spindle Supplied SA-085012



GH 36330M

- Holding Capacity 1136Kg
- Plunger Stroke 50.8mm
- Handle Opens 180°
- Weight 1.03Kg
- Spindle Supplied SA-105015



GH 36202M

- Holding Capacity 91Kg
- Plunger Stroke 20.3mm
- Handle Opens 180°
- Weight 0.12Kg
- Spindle Supplied SA-064010
- Optional Bracket GH-36203

GH 36202-MSS

- Holding Capacity 91Kg
- Plunger Stroke 20.3mm
- Handle Opens 180°
- Weight 0.12Kg
- Spindle Supplied SA-064010-SS

GH 36204M

- Holding Capacity 135Kg
- Plunger Stroke 40mm
- Handle Opens 186°
- Weight 0.28Kg
- Spindle Supplied SA-085012
- Optional Bracket GH-36205

GH 36204-MSS

- Holding Capacity 135Kg
- Plunger Stroke 40mm
- Handle Opens 186°
- Weight 0.28Kg
- Spindle Supplied SA-085012-SS

GH 36224M

- Holding Capacity 318Kg
- Plunger Stroke 66.7mm
- Handle Opens 181°
- Weight 0.78Kg
- Spindle Supplied SA-105015
- Optional Bracket GH-36225

GH 36224-MSS

- Holding Capacity 318Kg
- Plunger Stroke 66.7mm
- Handle Opens 181°
- Weight 0.78Kg
- Spindle Supplied SA-105015-SS

Part No.	B5	D2	H	L	L1	L2	L3	L4	M	M1	N
36202M	24	9.4	78	64.3	21.3	15.8	34	42.3	M6xP1.0	M16xP1.5	23
36204M	28.6	10.9	100.9	118.7	40.7	25.4	56.7	74.2	M8xP1.25	M20xP1.5	30
36224M	40	15.9	143	169.2	69	32	91	116.5	M10xP1.5	M27xP2.0	41
36202-MSS	STAINLESS STEEL										
36204-MSS	STAINLESS STEEL										
36224-MSS	STAINLESS STEEL										

GH-36202M

OPTIONAL MOUNTING BRACKET

GH 36203

- Weight 0.08Kg
- Bracket to suit GH-36202M

GH 36205

- Weight 0.2Kg
- Bracket to suit GH-36204M

GH 36225

- Weight 0.33Kg
- Bracket to suit GH-36224M



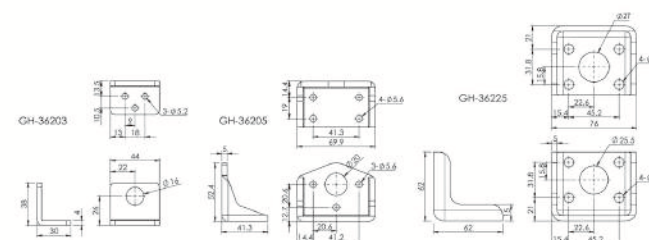
GH-36203



GH-36205



GH-36225



GH 304-CM

- Holding Capacity 227kg
- Plunger Stroke 32mm
- Handle Opens 183°
- Weight 0.35kg
- Spindle Supplied SA-085012

GH 304-HM

- Holding Capacity 680kg
- Plunger Stroke 60mm
- Handle Opens 183°
- Weight 1.43kg
- Spindle Supplied SA-125017

GH 304-EM

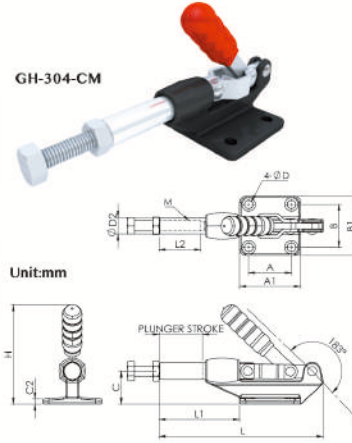
- Holding Capacity 386kg
- Plunger Stroke 42mm
- Handle Opens 183°
- Weight 0.59kg
- Spindle Supplied SA-105015

GH 304-EMSS

- Holding Capacity 386kg
- Plunger Stroke 42mm
- Handle Opens 183°
- Weight 0.59kg
- Spindle Supplied SA-105015.SS

Part No.	A	A1	B	B1	C	C2	D	D2	H	L	L1	L2	M
304-CM	35	52.4	41.4	57.2	25.4	5	6.7	12.6	75	125.5	53.3	30.2	M8xP1.25
304-EM	41.4	58.8	41.4	57.2	31.8	5	8.3	15.9	95.7	157.2	78	40	M10xP1.5
304-HM	50.8	73.2	50.8	71.4	44.4	6.4	8.3	18.9	142	235.6	118.4	50	M12xP1.75
304-EMSS	STAINLESS STEEL												

GH-304-CM

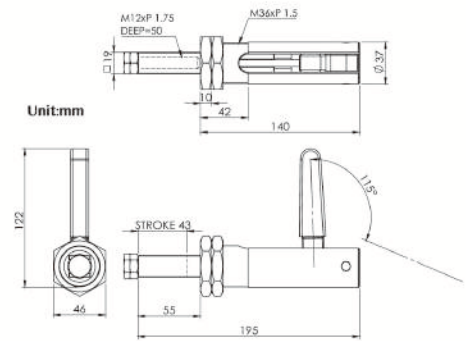


Unit:mm

GH 30511M

- Holding Capacity 305kg
- Plunger Stroke 43mm
- Handle Opens 115°
- Weight 1.28kg
- Spindle Supplied SA-125017

GH-30511M



Unit:mm

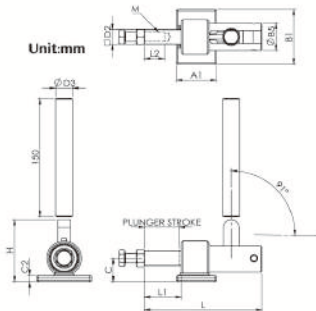
GH 30509M

- Holding Capacity 1136kg
- Plunger Stroke 43.8mm
- Handle Opens 91°
- Weight 1.4kg
- Spindle Supplied SA-125017

GH 30609M

- Holding Capacity 2273kg
- Plunger Stroke 55mm
- Handle Opens 88°
- Weight 2.94kg
- Spindle Supplied SA-165020

GH-30509M



Unit:mm

GH 305-CM

- Holding Capacity 227kg
- Plunger Stroke 32mm
- Handle Opens 183°
- Weight 0.35kg
- Spindle Supplied SA-085012

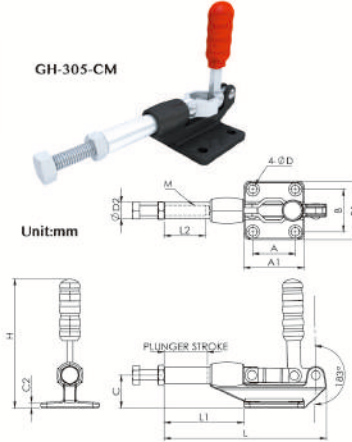
GH 305-HM

- Holding Capacity 680kg
- Plunger Stroke 60mm
- Handle Opens 183°
- Weight 1.43kg
- Spindle Supplied SA-125017

GH 305-EM

- Holding Capacity 386kg
- Plunger Stroke 42mm
- Handle Opens 183°
- Weight 0.59kg
- Spindle Supplied SA-105015

GH-305-CM



Unit:mm

Part No.	A	A1	B	B1	C	C2	D	D2	H	L	L1	L2	M
305-CM	35	52.4	41.4	57.2	25.4	5	6.7	12.6	97.9	125.5	53.3	30.2	M8xP1.25
305-EM	41.4	58.8	41.4	57.2	31.8	5	8.3	15.9	124.9	157.2	78	40	M10xP1.5
305-HM	50.8	73.2	50.8	71.4	44.4	6.4	8.3	18.9	174	235.6	118.4	50	M12xP1.75

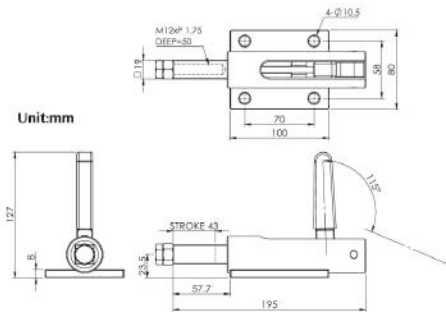
GH 30510M

- Holding Capacity 305kg
- Plunger Stroke 43mm
- Handle Opens 115°
- Weight 1.06kg
- Spindle Supplied SA-125017

GH-30510M



Unit:mm



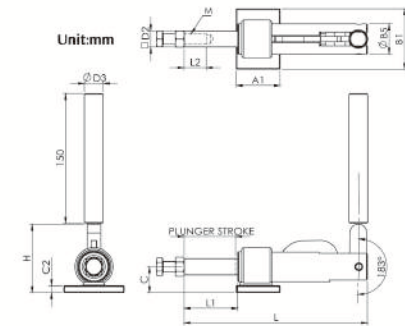
GH 30519M

- Holding Capacity 1136kg
- Plunger Stroke 59.5mm
- Handle Opens 183°
- Weight 1.69kg
- Spindle Supplied SA-125017

GH 30619M

- Holding Capacity 2273kg
- Plunger Stroke 77.8mm
- Handle Opens 183°
- Weight 3.6kg
- Spindle Supplied SA-165020

GH-30619M



Unit:mm

Part No.	A1	B1	B5	C	C2	D2	D3	H	L	L1	L2	M
30519M	50.8	69.8	35	30	8	18.6	21.7	79	212	62	25.4	M12xP1.75
30619M	70	90	45	40	11.1	25	27.2	87	272	78.4	38.1	M16xP2.0

GH 30600HL

- Holding Capacity 600Kg
- Plunger Stroke 32 mm
- Handle Opens 185°
- Weight 0.68Kg
- Spindle Supplied SA-086512

GH 31200HL

- Holding Capacity 1200Kg
- Plunger Stroke 50 mm
- Handle Opens 185°
- Weight 1.73Kg
- Spindle Supplied SA-107515

GH 32500HL

- Holding Capacity 2500Kg
- Plunger Stroke 75 mm
- Handle Opens 185°
- Weight 4.27 Kg
- Spindle Supplied SA-127517

GH 35000HL

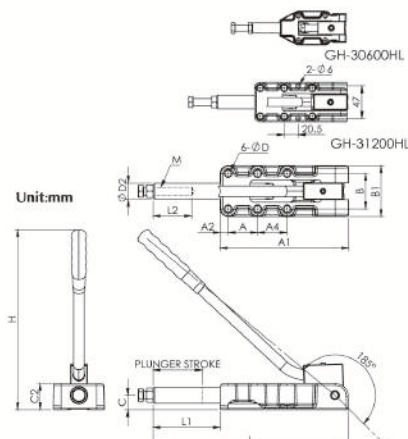
- Holding Capacity 5000Kg
- Plunger Stroke 100 mm
- Handle Opens 185°
- Weight 7.97Kg
- Spindle Supplied SA-167520



GH-30600HL



GH-31200HL



Unit:mm

Part No.	A	A1	A2	A4	B	B1	C	C2	D	D2	H	L	L1	L2	M
30600HL	36.5	90	25	-	33.4	46	12	22	5.5	13.9	130	128	38	30	M8xP1.25
31200HL	35	135	8	41	41	58	18	32	8.5	19.9	200	190	55	40	M10xP1.5
32500HL	45	196	12	45	54	78	22	40	10.3	24.9	275	298	102	60	M12xP1.75
35000HL	70	254	12	70	57	84	28	50	10.3	30	347	392	138	60	M16xP2.0

GH 30600

- Holding Capacity 600Kg
- Plunger Stroke 32 mm
- Handle Opens 185°
- Weight 0.51Kg
- Spindle Supplied SA-086512

GH 31200

- Holding Capacity 1200Kg
- Plunger Stroke 50 mm
- Handle Opens 185°
- Weight 1.48Kg
- Spindle Supplied SA-107515

GH 32500

- Holding Capacity 2500Kg
- Plunger Stroke 75 mm
- Handle Opens 185°
- Weight 3.89 Kg
- Spindle Supplied SA-127517

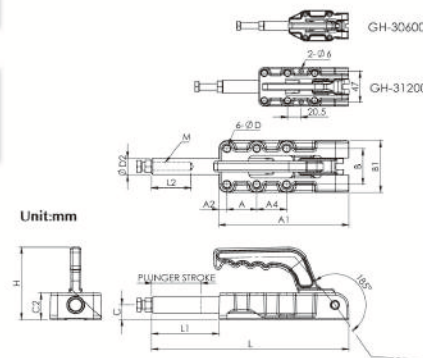
GH 35000

- Holding Capacity 5000Kg
- Plunger Stroke 100 mm
- Handle Opens 185°
- Weight 6.69Kg
- Spindle Supplied SA-167520



GH-31200

GH-30600



Unit:mm

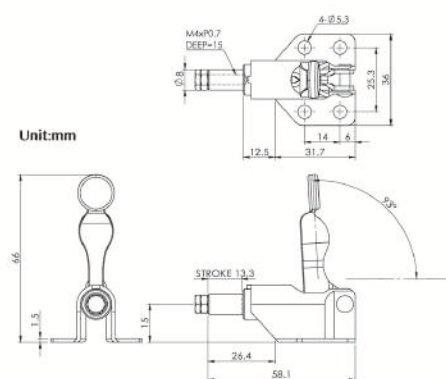
Part No.	A	A1	A2	A4	B	B1	C	C2	D	D2	H	L	L1	L2	M
30600	36.5	90	25	-	33.4	46	12	22	5.5	13.9	67	128	38	30	M8xP1.25
31200	35	135	8	41	41	58	18	32	8.5	19.9	88	190	55	40	M10xP1.5
32500	45	196	12	45	54	78	22	40	10.3	24.9	110	298	102	60	M12xP1.75
35000	70	254	12	70	57	84	28	50	10.3	30	125	392	138	60	M16xP2.0

GH 36006

- Holding Capacity 50Kg
- Plunger Stroke 13.3mm
- Handle Opens 93°
- Weight 0.06Kg
- Spindle Supplied SA-041507



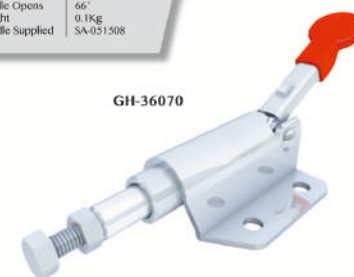
GH-36006



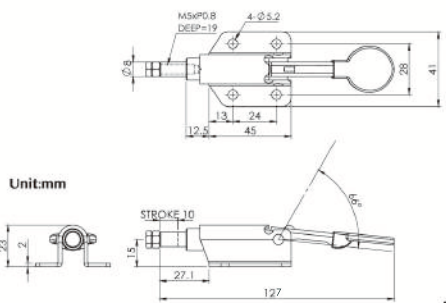
Unit:mm

GH 36070

- Holding Capacity 50Kg
- Plunger Stroke 10mm
- Handle Opens 66°
- Weight 0.1Kg
- Spindle Supplied SA-051508



GH-36070



Unit:mm

GH 30600PR

- Holding Capacity 600Kg
- Plunger Stroke 32mm
- Handle Opens 185°
- Weight 3.63Kg
- Spindle Supplied SA-086512

GH 31200PR

- Holding Capacity 1200Kg
- Plunger Stroke 50mm
- Handle Opens 185°
- Weight 8.55Kg
- Spindle Supplied SA-107515

GH 32500PR

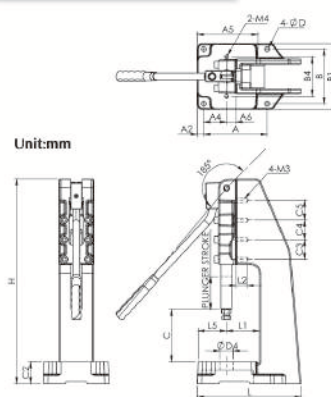
- Holding Capacity 2500Kg
- Plunger Stroke 75 mm
- Handle Opens 185°
- Weight 17.25Kg
- Spindle Supplied SA-127517



GH-30600PR



GH-32500PR

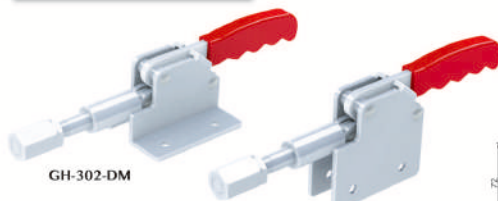


Unit:mm

Part No.	A	A2	A4	A5	A6	B	B1	B4	C	C2	C3	C4	C5	D	D4	H	L	L1	L2	L5	M3	M4
30600PR	95	10.5	46.5	95	12	80	105	70	75	32	18.25	18.25	18.25	9	15.5	234	157	44	12	56	M8xP0.8	M8xP1.25
31200PR	115	12.5	49.6	115	18	95	126	80	100	40	35	41	41	11	20	330	210	60	16	62	M8xP1.25	M10xP1.5
32500PR	145	15	52	139	22	125	150	90	120	50	45	45	45	11	30	468	238	75	25	65	M10xP1.5	M10xP1.5

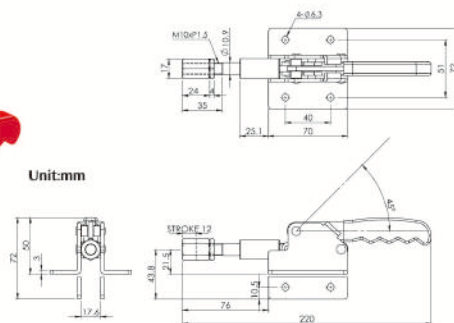
GH 302-DM / 30282M

- | | |
|--------------------|--------|
| ● Holding Capacity | 160Kg |
| ● Plunger Stroke | 12mm |
| ● Handle Opens | 45° |
| ● Weight | 0.46Kg |



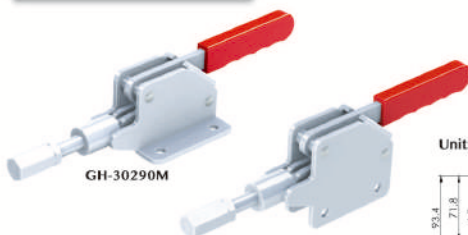
GH-302-DM

GH-30282M



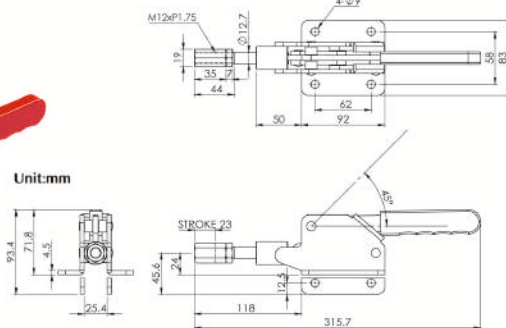
GH 30290M / 30292M

- Holding Capacity 295Kg
- Plunger Stroke 23 mm
- Handle Opens 45°
- Weight 1.27Kg



GH-30290M

GH-30292M

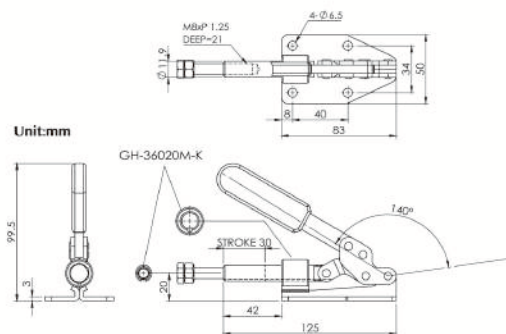


GH 36020M /36020M-K

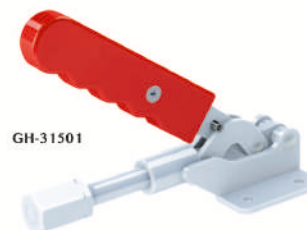
- | | |
|--------------------|-----------|
| • Holding Capacity | 180Kg |
| • Plunger Stroke | 30 mm |
| • Handle Opens | 140° |
| • Weight | 0.37Kg |
| • Spindle Supplied | SA-085012 |



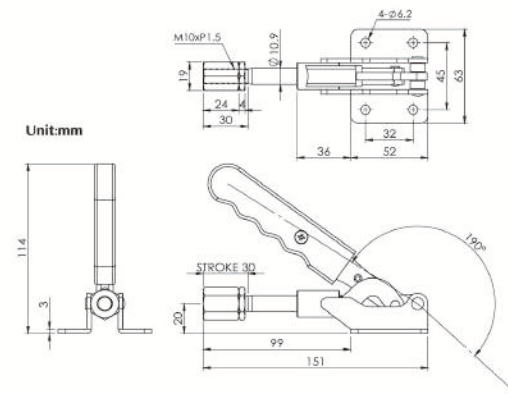
GH-36020M



- | | |
|--------------------|--------|
| ● Holding Capacity | 200Kg |
| ● Plunger Stroke | 30 mm |
| ● Handle Opens | 190° |
| ● Weight | 0.38Kg |

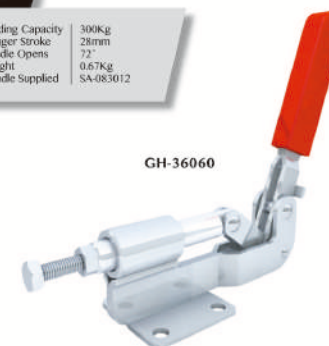


GH-31501

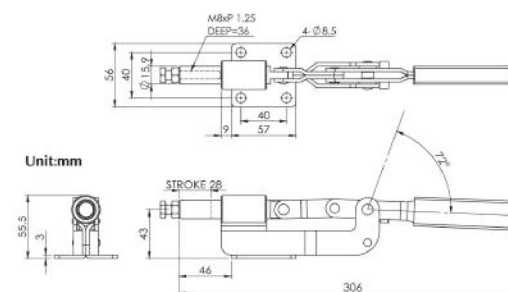


GH 36060

- Holding Capacity 300Kg
- Plunger Stroke 28mm
- Handle Opens 72°
- Weight 0.67Kg
- Spindle Supplied SA-083012



GH-36060

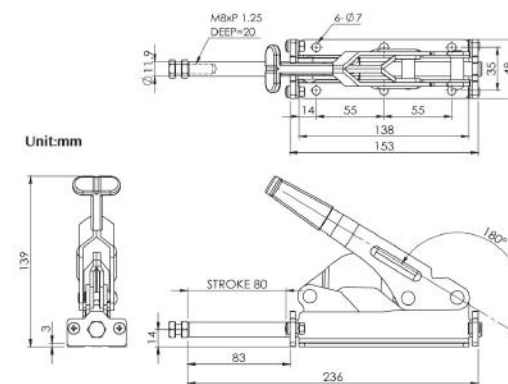


GH 36080

- Holding Capacity 305Kg
- Plunger Stroke 80mm
- Handle Opens 180°
- Weight 1.04Kg
- Spindle Supplied SA-083012



GH-36080

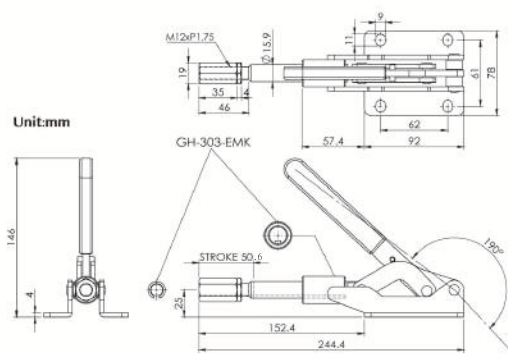


GH 303-EM / 303-EMK

- Holding Capacity 454Kg
- Plunger Stroke 50.6mm
- Handle Opens 190°
- Weight 0.95Kg



GH-303-EM

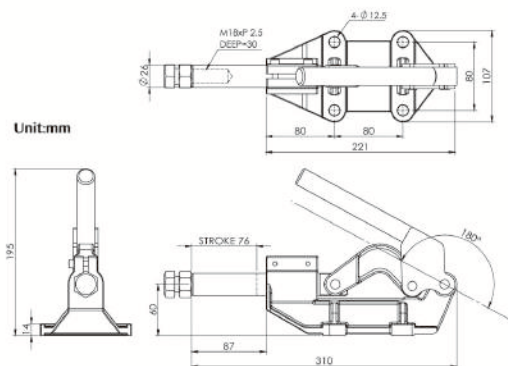


GH 30513

- Holding Capacity 1600Kg
- Plunger Stroke 76mm
- Handle Opens 190°
- Weight 4.32Kg
- Spindle Supplied SA-185025



GH-30513



GH 30250M

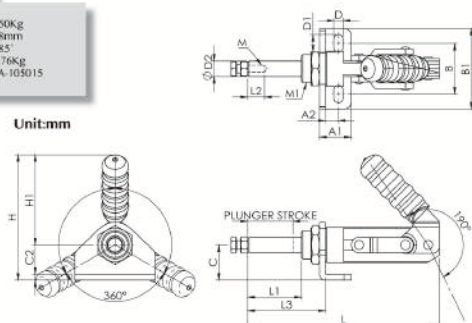
- Holding Capacity 250Kg
- Plunger Stroke 31.4mm
- Handle Opens 190°
- Weight 0.38Kg
- Spindle Supplied SA-062510



GH-30250M

GH 30450M

- Holding Capacity 450Kg
- Plunger Stroke 38mm
- Handle Opens 185°
- Weight 0.76Kg
- Spindle Supplied SA-105015



Part No.	A1	A2	B	B1	C	C2	D	D1	D2	H	H1	L	L1	L2	L3	M	M1
30250M	22.4	9.4	36	57	25	4	6.5	12.5	11	85	60	136	37.7	12	55	M6xP1.0	M20xP1.5
30450M	28	11	37.5	64	30	4.5	8.5	16	16	120	90	173	42	20	64	M10xP1.5	M24xP1.5

GH-4 series

Latch action toggle clamps are available in three types, with a horizontal, vertical or hook action. The latch action allows two faces to be fastened together on the same plane or at 90°.

They have the advantage of having a low profile and so are most suitable for applications having a height restriction.

The latch action makes this clamp ideally suited for applications on mould box lids, quick release covers, hatches and doors.

Features include:

- Red vinyl hand grip with cushioned rib profile for improved user comfort.
- All body and linkage components on the light duty range are zinc plated to resist corrosion.
- The heavy-duty range has wide flanged bases for strength and rigidity.
- Some latch clamps are fitted with a safety lock feature designed to stop the clamp opening without operation.
- Pivot points are fitted with hardened steel or stainless steel rivets to maintain accuracy and provide a long service life.

**Clamps With
Safety Lock**



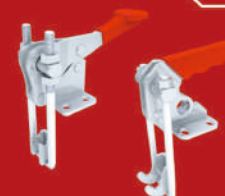
Hook Versions



**Horizontal
Versions**



Vertical Versions



TOGGLE CLAMPS LATCH TYPE



GH 40323 / 40323-SS

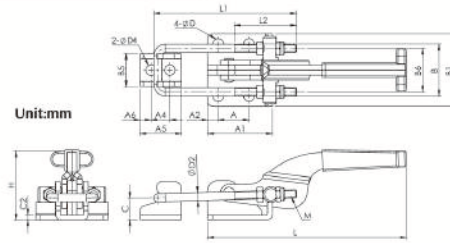
- Holding Capacity 163Kg
- Weight 0.07Kg
- Latch Plate Supplied GH-40323-LP / GH-40323-LPSS

GH 40341 / 40341-SS

- Holding Capacity 900Kg
- Weight 0.68Kg
- Latch Plate Supplied GH-40341-LP / GH-40341-LPSS

GH 431 / 431-SS

- Holding Capacity 318Kg
- Weight 0.23Kg
- Latch Plate Supplied GH-431-LP / GH-431-LPSS



Part No.	A	A1	A2	A4	A5	A6	B	B1	B5	B6	C	C2	D	D2	D4	H	L	L1	L2	M
40323	15.9	26.2	5.2	9.9	19.8	6	19	28.2	13	19	12	2	4.4	4	4.4	31.3	77	55	34	M4xP0.7
431	19	39.7	6.4	11.5	25.4	6.8	31.8	44.4	20	26.6	13.5	3	6.7	5	6.3	42	121.8	87.5	38	M5xP0.8
40341	41.3	60.3	9.5	19.1	38.1	9.5	38.1	54	30.2	44.5	23.4	4	8.6	8	8.5	76.1	171.8	114.5	52	M8xP1.25
40323-SS	STAINLESS STEEL																			
431-SS	STAINLESS STEEL																			
40341-SS	STAINLESS STEEL																			

GH 40324 / 40324-SS

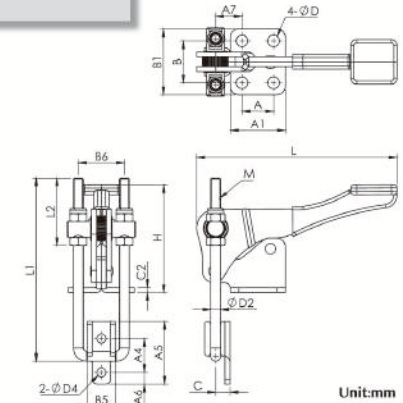
- Holding Capacity 225Kg
- Weight 0.09Kg
- Latch Plate Supplied GH-40324-LP / GH-40324-LPSS

GH 40334 / 40334-SS

- Holding Capacity 450
- Weight 0.3Kg
- Latch Plate Supplied GH-40334-LP / GH-40334-LPSS

GH 40344 / 40344-SS

- Holding Capacity 900Kg
- Weight 0.65Kg
- Latch Plate Supplied GH-40344-LP / GH-40344-LPSS



Part No.	A	A1	A7	A4	A5	A6	B	B1	B5	B6	C	C2	D	D2	D4	H	L	L1	L2	M
40324	13	26	10.9	14.3	25.4	4	22	35	13.5	20.5	4.7	2	5.3	4	4.4	55	81	78.5	26.5	M4xP0.7
40334	19.1	33.3	16	20.6	38.1	7.1	25.4	40	17	28	8.7	3	7.1	6	5.6	65.4	121.5	111	40.5	M6xP1.0
40344	31.8	47.6	20.6	27	54	9.5	36.5	53	30	44.5	12.7	4	8.7	8	8.7	85.5	132.4	154	58	M8xP1.25
40324-SS	STAINLESS STEEL																			
40334-SS	STAINLESS STEEL																			
40344-SS	STAINLESS STEEL																			

GH 40323-R / 40323-RSS

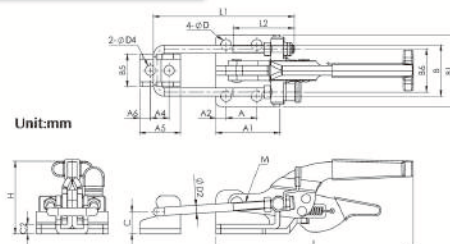
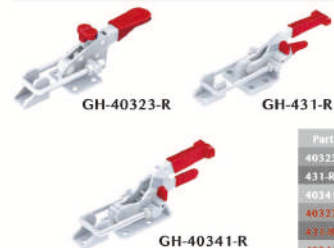
- Holding Capacity 163Kg
- Weight 0.09Kg
- Latch Plate Supplied GH-40323-LP / GH-40323-LPSS

GH 431-R / 431-RSS

- Holding Capacity 318Kg
- Weight 0.27Kg
- Latch Plate Supplied GH-431-LP / GH-431-LPSS

GH 40341-R / 40341-RSS

- Holding Capacity 900Kg
- Weight 0.75Kg
- Latch Plate Supplied GH-40341-LP / GH-40341-LPSS



Part No.	A	A1	A2	A4	A5	A6	B	B1	B5	B6	C	C2	D	D2	D4	H	L	L1	L2	M
40323-R	15.9	26.2	5.2	9.9	19.8	6	19	28.2	13	19	12	2	4.4	4	4.4	37	77	55	34	M4xP0.7
431-R	19	39.7	6.4	11.5	25.4	6.8	31.8	44.4	20	26.6	13.5	6	6.7	5	6.3	45	121.8	87.5	38	M5xP0.8
40341-R	41.3	60.3	9.5	19.1	38.1	9.5	38.1	54	30.2	44.5	23.4	4	8.6	8	8.5	76.1	171.8	114.5	52	M8xP1.25
40323-RSS	STAINLESS STEEL																			
431-RSS	STAINLESS STEEL																			
40341-RSS	STAINLESS STEEL																			

GH 40324-R

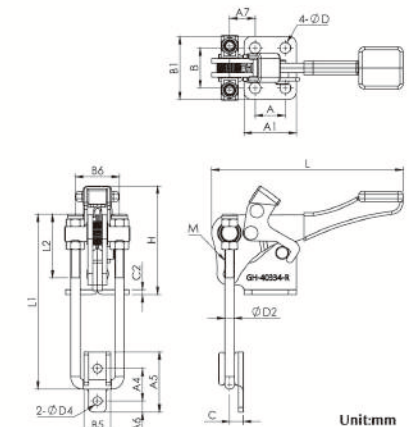
- Holding Capacity 225Kg
- Weight 0.12Kg
- Latch Plate Supplied GH-40324-LP

GH 40334-R

- Holding Capacity 450
- Weight 0.32Kg
- Latch Plate Supplied GH-40334-LP

GH 40344-R

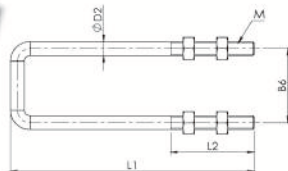
- Holding Capacity 900Kg
- Weight 0.7Kg
- Latch Plate Supplied GH-40344-LP



Part No.	A	A1	A7	A4	A5	A6	B	B1	B5	B6	C	C2	D	D2	D4	H	L	L1	L2	M
40324-R	13	26	10.9	14.3	25.4	4	22	35	13.5	20.5	4.7	2	5.3	4	4.4	55	81	78.5	26.5	M4xP0.7
40334-R	19.1	33.3	16	20.6	38.1	7.1	25.4	40	17	28	8.7	3	7.1	6	5.6	68.9	121.5	111	40.5	M6xP1.0
40344-R	31.8	47.6	20.6	27	54	9.5	36.5	53	30	44.5	12.7	4	8.7	8	8.7	85.5	132.4	154	58	M8xP1.25

GH 40323 series LUB(Longer U Bolt)

©Notice : U Bolt Only



Part No.	Weight	L1	L2	B6	D2	M
40323-LUB	0.03Kg	80	24	19	4	M4xP0.7
431-LUB	0.05Kg	120	38	26.5	5	M5xP0.8
40341-LUB	0.14Kg	160	52	44.5	8	M8xP1.25
40323-LUBSS	STAINLESS STEEL					
431-LUBSS	STAINLESS STEEL					
40341-LUBSS	STAINLESS STEEL					



GH 40370

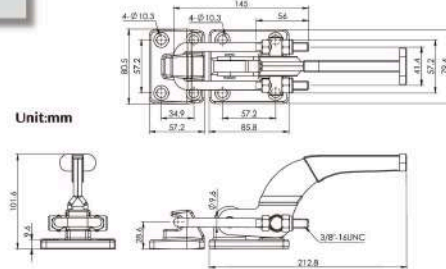
- Holding Capacity 1818Kg
- Weight 1.23Kg
- Optional Latch Plate GH-40370-LP

GH 40370-LP

- Weight 0.43Kg



Unit:mm



GH 40380-R

- Holding Capacity 3400Kg
- Weight 1.61Kg
- Optional Latch Plate GH-40370-LP

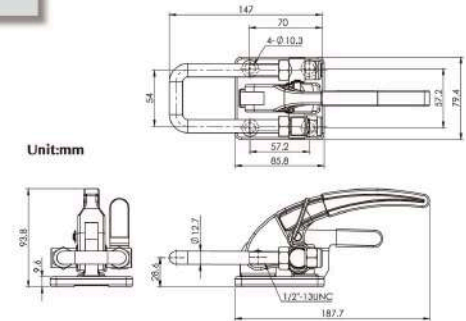
GH 40380-RSS (STAINLESS STEEL)

- Holding Capacity 3400Kg
- Weight 1.61Kg
- Optional Latch Plate GH-40370-LPSS



GH-40380-R

Unit:mm

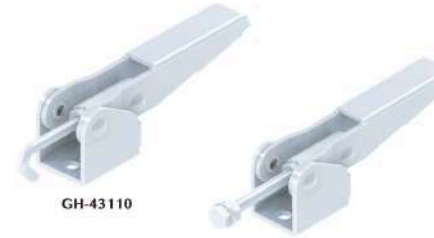


GH 43110 / 43120

- Holding Capacity 170Kg
- Weight 0.18Kg

GH 43110-SS / 43120-SS (STAINLESS STEEL)

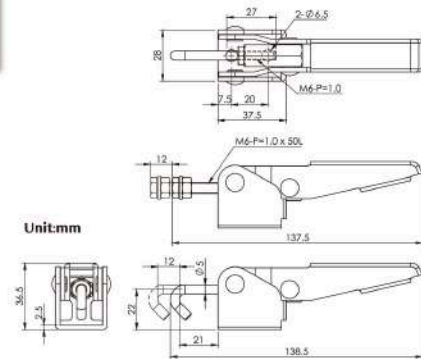
- Holding Capacity 170Kg
- Weight 0.18Kg



GH-43110

GH-43120

Unit:mm

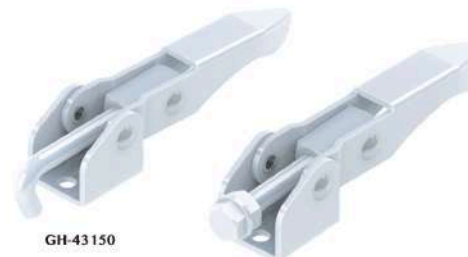


GH 43150

- Holding Capacity 300Kg
- Weight 0.38Kg

GH 43160

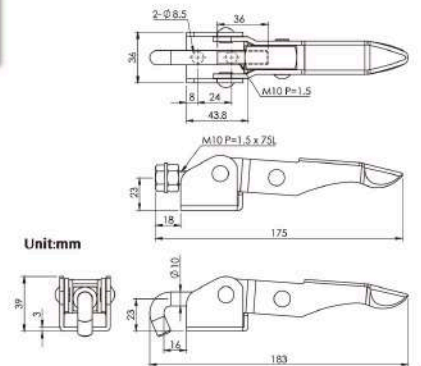
- Holding Capacity 300Kg
- Weight 0.38Kg



GH-43150

GH-43160

Unit:mm



GH 40380

- Holding Capacity 3400Kg
- Weight 1.57Kg
- Optional Latch Plate GH-40370-LP

GH 40380-SS (STAINLESS STEEL)

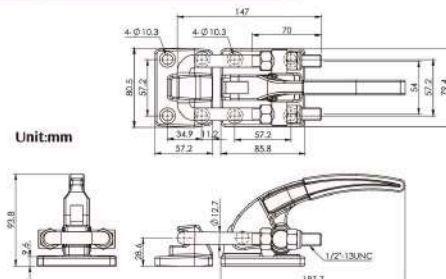
- Holding Capacity 3400Kg
- Weight 1.57Kg
- Optional Latch Plate GH-40370-LPSS

GH 40370-LPSS (STAINLESS STEEL)

- Weight 0.48Kg



Unit:mm



TOGGLE CLAMPS LATCH TYPE

GH 40402 / 40402-SS

● Holding Capacity | 130Kg
● Weight | 0.13Kg

GH 40702

● Holding Capacity | 190Kg
● Weight | 0.25Kg



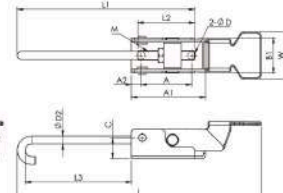
GH-40402



GH-40702

Part No.	A	A1	A2	B1	C	C2	D	D2	H	H1	L	L1	L2	L3	M	W
40402	36	50	7	20	12	2	6.5	6	23	41.7	183.8	140	40	92.8	M6xP1.0	28
40702	44.5	65.1	8.4	31	18.2	2	6.8	7	32	37.3	214	155.8	50	93.2	5/16"-18UNC	41
40402-SS	STAINLESS STEEL															

Unit:mm



GH 43101

● Holding Capacity | 170Kg
● Weight | 0.3Kg

GH 43311

● Holding Capacity | 540Kg
● Weight | 0.47Kg



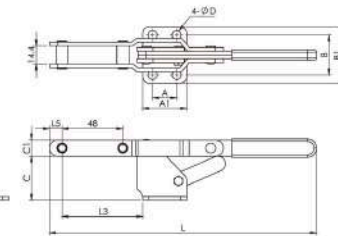
GH-43101



GH-43311

Part No.	A	A1	B	B1	C	C1	D	H	L	L1	L2	L3	L5
43101	19	34.8	31.6	44.4	35	12.7	7.1	48.7	211.3	63.7	10		
43311	31.8	48.4	45.5	64.4	44.4	16	8.4	63.9	242.2	67.6	9.4		

Unit:mm



GH 40550

● Holding Capacity | 142Kg
● Weight | 0.27Kg
● Latch Plate Supplied | GH-40550-LP

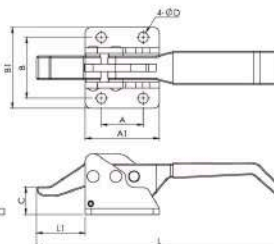
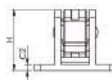
GH 40580

● Holding Capacity | 226Kg
● Weight | 1.01Kg
● Latch Plate Supplied | GH-40580-LP



GH-40580 / GH-40580-LP

Unit:mm



Part No.	A	A1	B	B1	C	C2	D	H	L	L1	L2	L3	L5
40550	19	31	32	42	17.5	4	5.2	33	115.3	22			
40580	35	62	51	68	23.2	5	8.5	50.9	205.7	40.9			

GH-5 series

Toggle pliers have the advantage of a pivoting jaw mechanism to allow a deep throat depth to open and close easily when clamping awkward profiles such as steel angle section.

The jaw spindle can be pre-set to achieve the optimum clamping distance and pressure which is most useful for repetitious clamping applications.

Features include:

- Heavy duty forged steel jaws and handles to achieve high clamping forces without flexing.
- All pliers and fabricating clamps are zinc plated finish to resist corrosion and have profiled handles for improved operator comfort.
- Models GH-50380 & GH-50450 & GH-50480 are manufactured with an integral central release trigger to facilitate quick release with minimum effort.
- Most spindles are supplied with a copper plated surface finish to resist weld spatter.
- Pivot points are fitted with hardened steel or stainless steel rivets to maintain accuracy and provide a long service life.



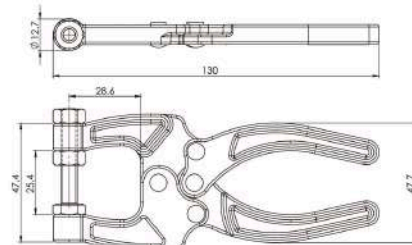
GH 50350

- Holding Capacity 99Kg
- Weight 0.19Kg
- Spindle Supplied SA-14112



GH-50350

Unit:mm



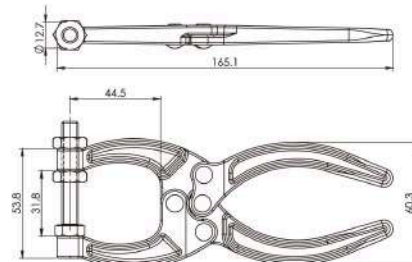
GH 50360

- Holding Capacity 159Kg
- Weight 0.29Kg
- Spindle Supplied SA-56200



GH-50360

Unit:mm



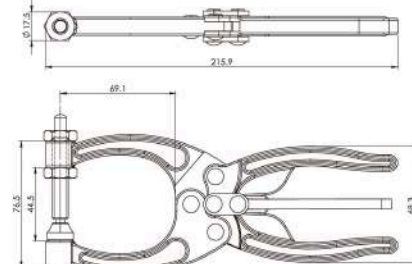
GH 50380

- Holding Capacity 318Kg
- Weight 0.63Kg
- Spindle Supplied SF-38300



GH-50380

Unit:mm



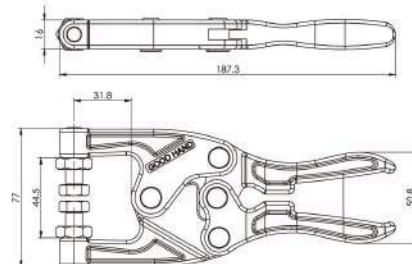
GH 50385

- Holding Capacity 820Kg
- Weight 0.73Kg
- Spindle Supplied SA-38114



GH-50385

Unit:mm

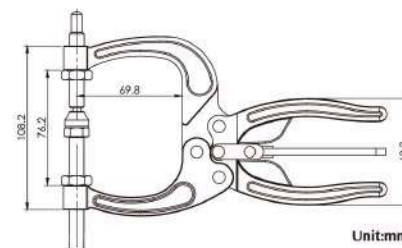
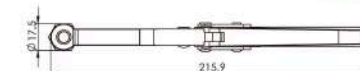


GH 50450

- Holding Capacity 318Kg
- Weight 0.74Kg
- Spindle Supplied SF-38300 & SA-38300



GH-50450



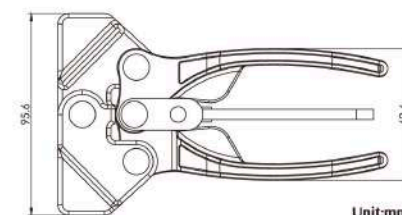
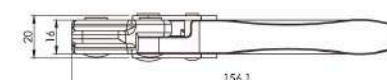
Unit:mm

GH 50480

- Holding Capacity 500Kg
- Weight 0.61Kg



GH-50480



Unit:mm

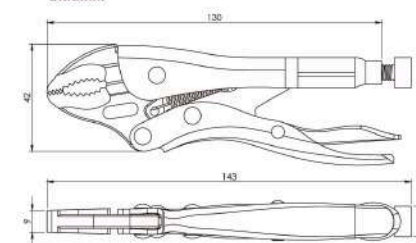
GH 51105

- Holding Capacity 102Kg
- Weight 0.18Kg



GH-51105

Unit:mm



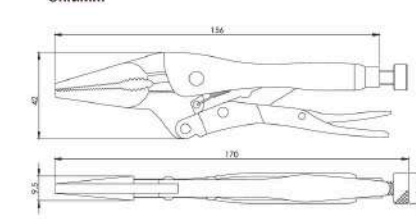
GH 51106

- Holding Capacity 102Kg
- Weight 0.19Kg



GH-51106

Unit:mm



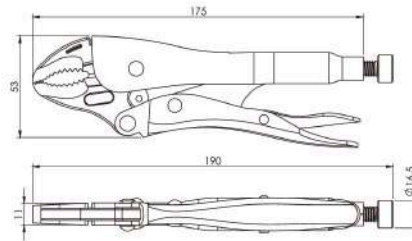
GH 51150

● Holding Capacity | 350Kg
● Weight | 0.34Kg



GH-51150

Unit:mm



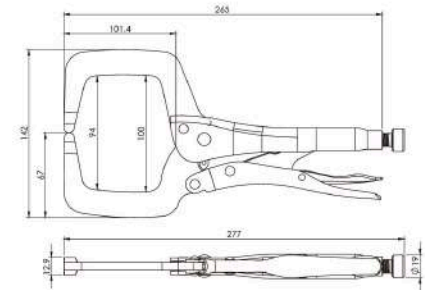
GH 51111

● Holding Capacity | 350Kg
● Weight | 0.85Kg



GH-51111

Unit:mm



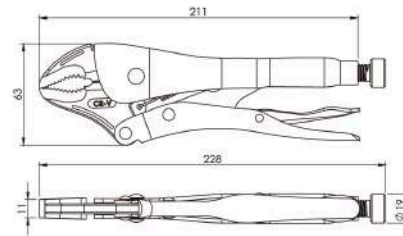
GH 51152

● Holding Capacity | 400Kg
● Weight | 0.52Kg



GH-51152

Unit:mm



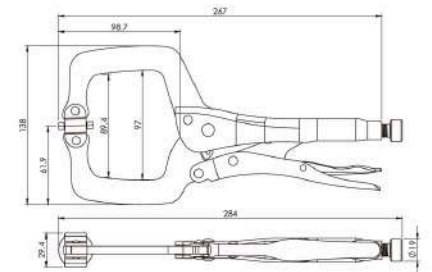
GH 511SP

● Holding Capacity | 350Kg
● Weight | 0.85Kg



GH-511SP

Unit:mm



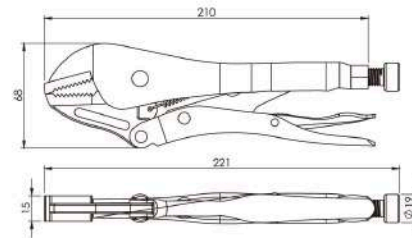
GH 51151

● Holding Capacity | 580Kg
● Weight | 0.52Kg



GH-51151

Unit:mm



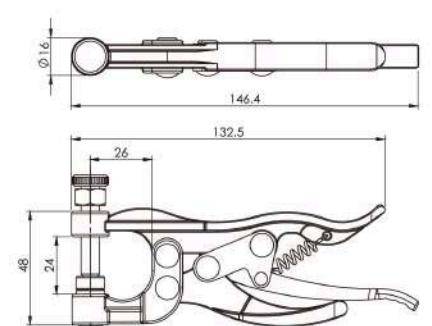
GH 51000

● Holding Capacity | 200Kg
● Weight | 0.27Kg
● Spindle Supplied | SA-56112

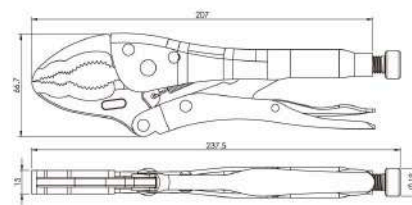


GH-51000

Unit:mm



Unit:mm

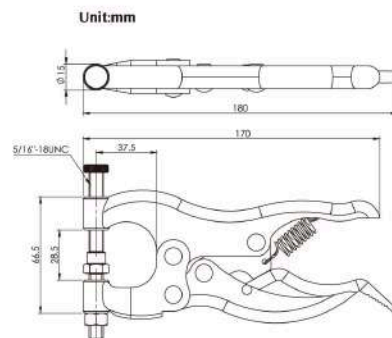


GH 51010

- Holding Capacity | 250Kg
- Weight | 0.48Kg
- Spindle Supplied | SA-56112



GH-51010

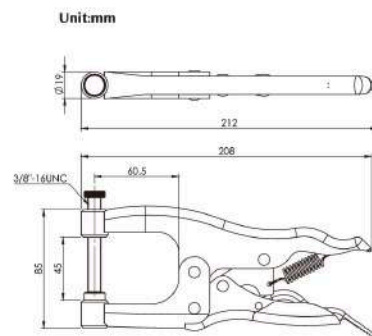


GH 51020

- Holding Capacity | 300Kg
- Weight | 0.66Kg



GH-51020

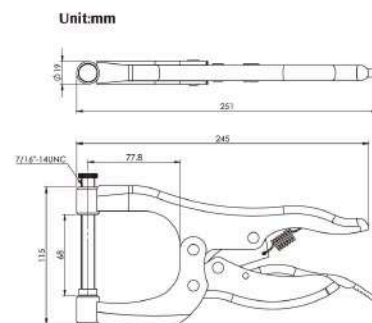


GH 51030

- Holding Capacity | 260Kg
- Weight | 0.86Kg



GH-51030



GH-7 series

This range of clamps has been developed to withstand the most arduous welding conditions and are very well suited to repetitive production areas such as the automotive industry. They have the advantage of having the basic toggle mechanism, onto which the bar and handle can be welded at the desired position to suit the specific application.

Features include:

- Holding forces of up to 2000 kg can be achieved.
- Two types of base mounting are available;
 - (1) A short swivel base to allow the clamp to be mounted at an angle relative to the bar and handle.
 - (2) A long straight base to allow the mechanism to be welded directly on to a dedicated jig or fixture.
- All body and linkage components are drop forged high alloy steel for strength and rigidity.
- All pivot pins are manufactured from hardened and ground steel, and the main pivot pins run in hardened steel bushes to maintain accuracy and provide a long service life.
- Chemi-black surface finish to resist corrosion.

Flat Base Type



**Weldable All Base
& Bar Type**

GH 70305

- Holding Capacity 500Kg
- Bar Opens 214°
- Handle Opens 134°
- Weight 0.79Kg
- Handle ø17.3x125 mm

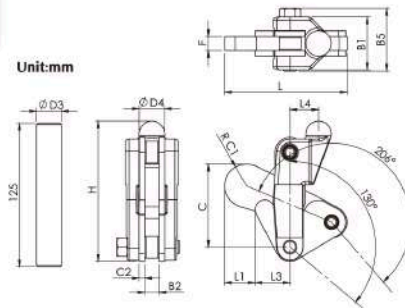
GH 70505

- Holding Capacity 1000Kg
- Bar Opens 206°
- Handle Opens 130°
- Weight 1.36Kg
- Handle ø21.7x125 mm

GH 70605

- Holding Capacity 2000Kg
- Bar Opens 206°
- Handle Opens 130°
- Weight 2.59Kg
- Handle ø27.2x125 mm

GH-70505



Part No.	B1	B2	B5	C	C1	C2	D3	D4	F	H	L	L1	L3	L4
70305	37	10	44	51	13.5	4.8	17.3	19	10	100	79.5	15	24	21
70505	46	12.3	54.6	72.1	19	4.8	21.7	22	12.3	122.2	106.6	26.5	30.4	25
70605	51	16	65	91	22.8	5.8	27.2	29	16	151.4	133.2	33	40.4	32

GH 70310

- Holding Capacity 500Kg
- Bar Opens 214°
- Handle Opens 134°
- Weight 0.8Kg
- Handle ø17.3x125 mm

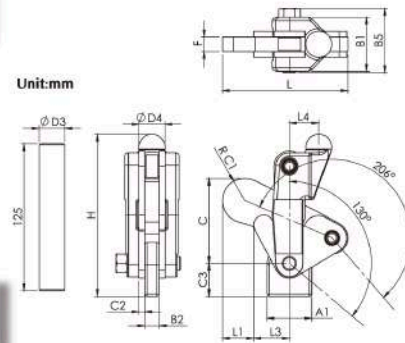
GH 70510

- Holding Capacity 1000Kg
- Bar Opens 206°
- Handle Opens 130°
- Weight 1.51Kg
- Handle ø21.7x125 mm

GH 70610

- Holding Capacity 2000Kg
- Bar Opens 206°
- Handle Opens 130°
- Weight 2.83Kg
- Handle ø27.2x125 mm

GH-70310



Part No.	A1	B1	B2	B5	C	C1	C2	C3	D3	D4	F	H	L	L1	L3	L4
70310	28.6	37	10	44	51	13.5	4.8	20	17.3	19	10	109.5	79.5	15	24	21
70510	38	46	12.3	54.6	72.1	19	4.8	28	21.7	22	12.3	137.7	106.6	26.5	30.4	25
70610	50.4	51	16	65	91	22.8	5.8	33	27.2	29	16	167.9	133.2	33	40.4	32

GH 70315

- Holding Capacity 500Kg
- Bar Opens 214°
- Handle Opens 134°
- Weight 0.9Kg
- Handle ø17.3x125 mm

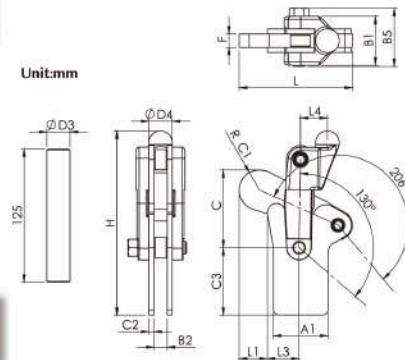
GH 70515

- Holding Capacity 1000Kg
- Bar Opens 206°
- Handle Opens 130°
- Weight 1.62Kg
- Handle ø21.7x125 mm

GH 70615

- Holding Capacity 2000Kg
- Bar Opens 206°
- Handle Opens 130°
- Weight 2.95Kg
- Handle ø27.2x125 mm

GH-70515



Part No.	A1	B1	B2	B5	C	C1	C2	C3	D3	D4	F	H	L	L1	L3	L4
70315	45	37	10	44	51	13.5	4.8	50	17.3	19	10	139.5	79.5	15	24	21
70515	51	46	12.3	54.6	72.1	19	4.8	63.2	21.7	22	12.3	172.5	106.6	26.5	30.4	25
70615	63.5	51	16	65	91	22.8	5.8	76	27.2	29	16	210.9	133.2	33	40	32

GH 70710

- Holding Capacity 700Kg
- Bar Opens 205°
- Handle Opens 130°
- Weight 0.9Kg
- Handle ø17.3x125 mm

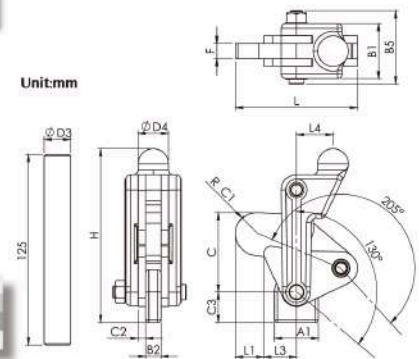
GH 71210

- Holding Capacity 1200Kg
- Bar Opens 195°
- Handle Opens 130°
- Weight 1.58Kg
- Handle ø21.7x125 mm

GH 72410

- Holding Capacity 2400Kg
- Bar Opens 195°
- Handle Opens 130°
- Weight 2.96Kg
- Handle ø27.2x125 mm

GH-71210



Part No.	A1	B1	B2	B5	C	C1	C2	C3	D3	D4	F	H	L	L1	L3	L4
70710	29	36	10	48	52	14	5	20	17.3	20	10	114	80	18.5	21.5	24
71210	38	43	12	58	73	19	6	28	21.7	22	12	141	106	34.5	22.5	25
72410	52	51	16	67	91	22	8	33	27.2	30	16	177	130	36.1	35.9	32

GH 70715

- Holding Capacity 700Kg
- Bar Opens 205°
- Handle Opens 130°
- Weight 1.01Kg
- Handle ø17.3x125 mm

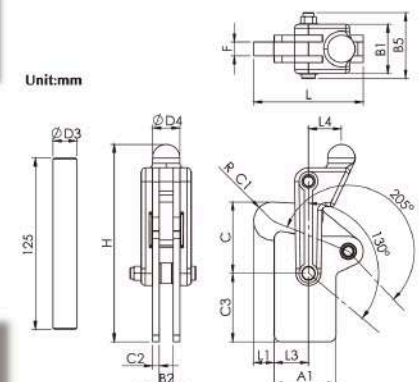
GH 71215

- Holding Capacity 1200Kg
- Bar Opens 195°
- Handle Opens 130°
- Weight 1.75Kg
- Handle ø21.7x125 mm

GH 72415

- Holding Capacity 2400Kg
- Bar Opens 195°
- Handle Opens 130°
- Weight 3.29Kg
- Handle ø27.2x125 mm

GH-70715



Part No.	A1	B1	B2	B5	C	C1	C2	C3	D3	D4	F	H	L	L1	L3	L4
70715	45	36	10	48	52	14	5	50	17.3	20	10	144	80	15	25	24
71215	50	43	12	58	73	19	6	63	21.7	22	12	176	106	32	25	25
72415	63	51	16	67	91	22	8	76	27.2	30	16	220	130	32	40	32

GH 75027

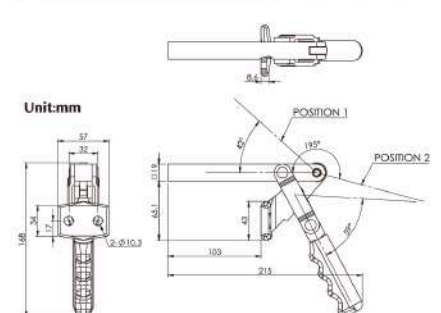
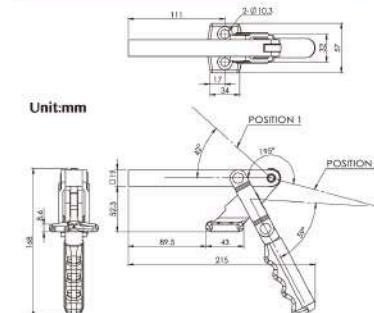
- Holding Capacity 450Kg
- Bar Opens 195°
- Handle Opens 59°
- Weight 1.19Kg

GH-75027

GH 75027-SM

- Holding Capacity 450Kg
- Bar Opens 195°
- Handle Opens 59°
- Weight 1.19Kg

GHJ-75027-SM



GH 75048

- Holding Capacity 700Kg
- Bar Opens 195°
- Handle Opens 127°
- Weight 2.7Kg

GH 75078

- Holding Capacity 1600Kg
- Bar Opens 198°
- Handle Opens 127°
- Weight 4.22Kg

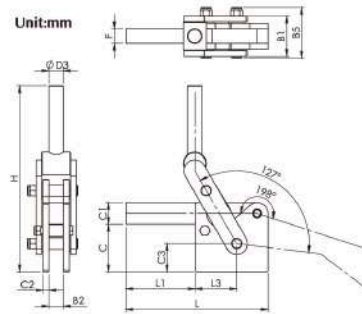
GH 75088

- Holding Capacity 2500Kg
- Bar Opens 198°
- Handle Opens 127°
- Weight 6.55Kg

GH-75078

Part No.	B1	B2	B5	C	C1	C2	C3	D3	F	H	L	L1	L3
75048	56	19	73.9	67.2	25.4	8	43.9	20	19	252	190.6	108	50
75078	65.2	22.2	83.1	69.6	32	9	43.6	22	22.2	276	219.1	117.5	57
75088	70	25.4	87.9	82.6	38	10	49.1	25.4	25.4	324	247.7	120.7	72.3

Unit:mm

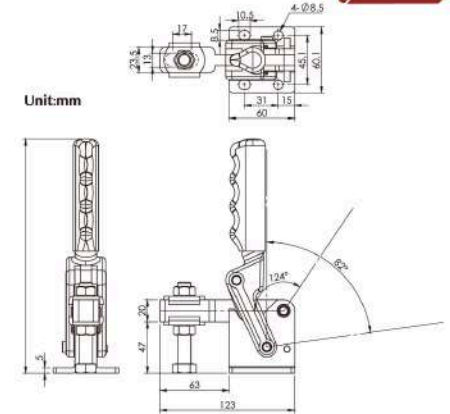


GH 70533

- Holding Capacity 700Kg
- Bar Opens 124°
- Handle Opens 82°
- Weight 1.26Kg
- Spindle Supplied SA-127517
- Flanged Washers FW-120

GH-70533

Unit:mm



GH 70720

- Holding Capacity 700Kg
- Bar Opens 130°
- Handle Opens 205°
- Weight 1.4Kg
- Spindle Supplied SA-121017

GH 71220

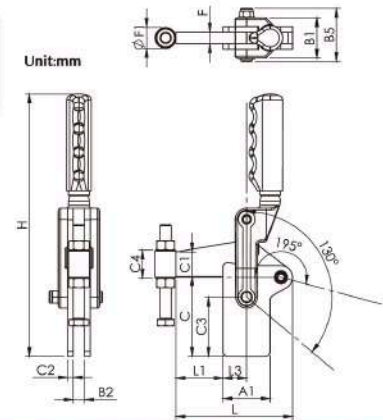
- Holding Capacity 1200Kg
- Bar Opens 130°
- Handle Opens 195°
- Weight 2.16Kg
- Spindle Supplied SA-121017

GH 72420

- Holding Capacity 2400Kg
- Bar Opens 130°
- Handle Opens 195°
- Weight 3.91Kg
- Spindle Supplied SA-161520

GH-71220

Unit:mm



Part No.	A1	B1	B2	B5	C	C1	C2	C3	C4	F	F1	H	L	L1	L3
70720	45	36	10	49.5	70	22	5	50	30	10	22.2	243	105	40	25
71220	50	43	12	56.5	85	26	6	63	30	12	22.2	279	124	50	25
72420	63	51	16	70.9	105	32	8	76	38	16	25.4	325	158	60	40

GH 70725

- Holding Capacity 700Kg
- Bar Opens 120°
- Handle Opens 180°
- Weight 1.24Kg
- Spindle Supplied SA-121017

GH 71225

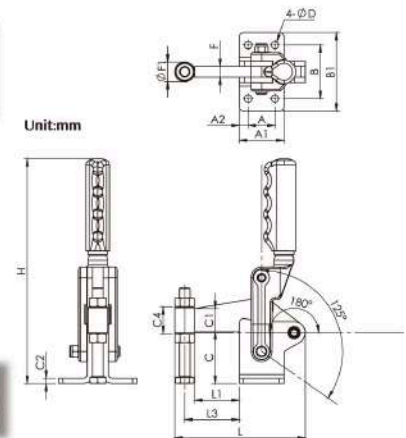
- Holding Capacity 1200Kg
- Bar Opens 125°
- Handle Opens 180°
- Weight 2.14Kg
- Spindle Supplied SA-121017

GH 72425

- Holding Capacity 2400Kg
- Bar Opens 130°
- Handle Opens 195°
- Weight 3.98Kg
- Spindle Supplied SA-161520

GH-70725

Unit:mm

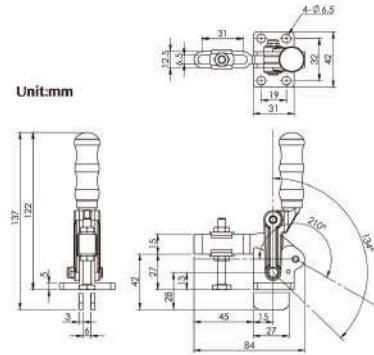


Part No.	A	A1	A2	B	B1	C	C1	C2	C4	D	F	F1	H	L	L1	L3
70725	25	45	10	50	67	48	22	5	30	8.3	10	22.2	221	127.2	40	51.1
71225	30	50	10	60	88	58	26	6	30	8.3	12	22.2	252	146.2	50	61.1
72425	40	63	12	75	105	75	32	8	38	10.3	16	25.4	295	188	60	75

GH-70320

GH-70320-B

Unit:mm



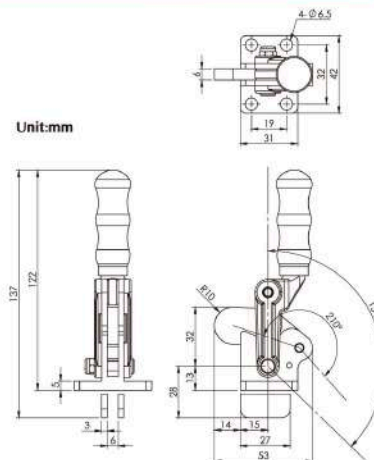
GH 70300

GH 70300-B

- Holding Capacity 300Kg
- Bar Opens 134°
- Handle Opens 210°
- Weight 0.25Kg

- Holding Capacity 300Kg
- Bar Opens 134°
- Handle Opens 210°
- Weight 0.27Kg

Unit:mm



GH-70300

GH-70300-B

GH 702-C

- Holding Capacity 200Kg
- Bar Opens 196°
- Handle Opens 122°
- Weight 0.61Kg
- Handle ø17.3x150 mm

GH 702-D

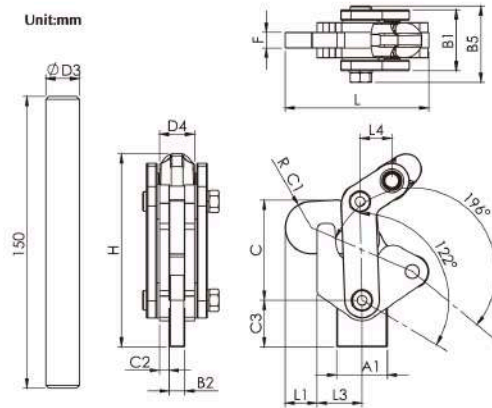
- Holding Capacity 500Kg
- Bar Opens 191°
- Handle Opens 122°
- Weight 1.51Kg
- Handle ø21.7x150 mm

GH 702-K

- Holding Capacity 1000Kg
- Bar Opens 197°
- Handle Opens 128°
- Weight 2.58Kg
- Handle ø27.2x150 mm

GH-702-C

Unit:mm



Part No.	A1	B1	B2	B5	C	C1	C2	C3	D3	D4	F	H	L	L1	L3	L4
702-C	26	31	8	39	51.5	13.5	4.5	24	17.3	18	8	99.4	74	16.5	23	16.4
702-D	37.1	41	13	52.5	73.8	19	6	33.7	21.7	24.5	13	139.8	97.6	24.6	24.2	25
702-K	50.4	47.6	16	60.2	91.6	25	6	37.2	27.2	31	16	172.5	122	26.4	35	31.3

GH 701-C

- Holding Capacity 200Kg
- Bar Opens 196°
- Handle Opens 122°
- Weight 0.69Kg
- Handle ø17.3x150 mm

GH 701-D

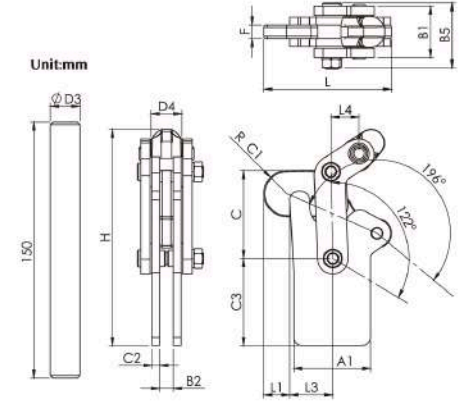
- Holding Capacity 500Kg
- Bar Opens 191°
- Handle Opens 122°
- Weight 1.62Kg
- Handle ø21.7x150 mm

GH 701-K

- Holding Capacity 1000Kg
- Bar Opens 197°
- Handle Opens 128°
- Weight 2.72Kg
- Handle ø27.2x150 mm

GH-701-C

Unit:mm



Part No.	A1	B1	B2	B5	C	C1	C2	C3	D3	D4	F	H	L	L1	L3	L4
701-C	45	30	8	38	51.5	13.5	4.5	51	17.3	18	8	126.6	74.9	15.2	25.3	16.4
701-D	50.5	41	13	52.5	73.8	19	6	66.8	21.7	24.5	13	173.4	97.3	24.6	24.2	25
701-K	63	47.6	16	60.2	91.6	25	6	78	27.2	31	16	214.4	122	26.4	35	31.3

GH 70201

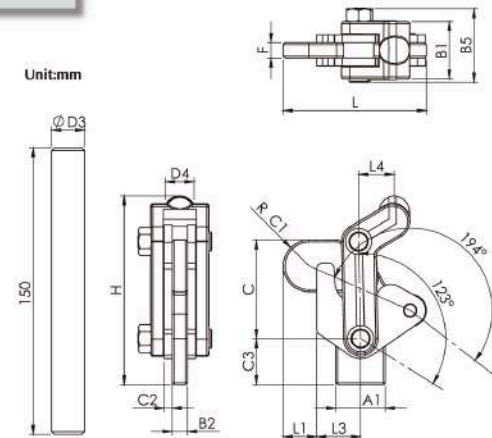
- Holding Capacity 200Kg
- Bar Opens 194°
- Handle Opens 123°
- Weight 0.58Kg
- Handle ø17.3x150 mm

GH 70203

- Holding Capacity 500Kg
- Bar Opens 191°
- Handle Opens 122°
- Weight 1.41Kg
- Handle ø21.7x150 mm

GH-70201

Unit:mm



Part No.	A1	B1	B2	B5	C	C1	C2	C3	D3	D4	F	H	L	L1	L3	L4
70201	26	30	8	38	51.5	13.5	4.2	24	17.3	14.9	8	98.7	74.9	17.5	23	18.7
70203	37.1	41.5	13	50.8	73.8	19	5	33.7	21.7	24.5	13	142.1	97.3	24.6	24.2	23.6

GH 70101

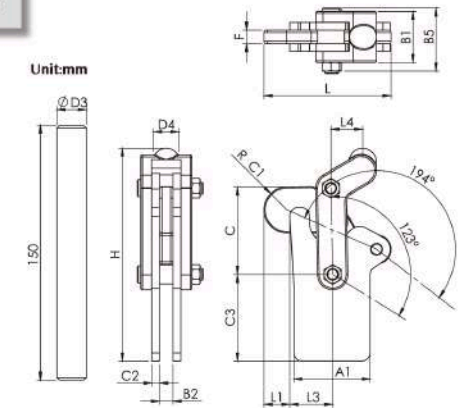
- Holding Capacity 200Kg
- Bar Opens 194°
- Handle Opens 123°
- Weight 0.67Kg
- Handle ø17.3x150 mm

GH 70103

- Holding Capacity 500Kg
- Bar Opens 191°
- Handle Opens 122°
- Weight 1.49Kg
- Handle ø21.7x150 mm

GH-70101

Unit:mm



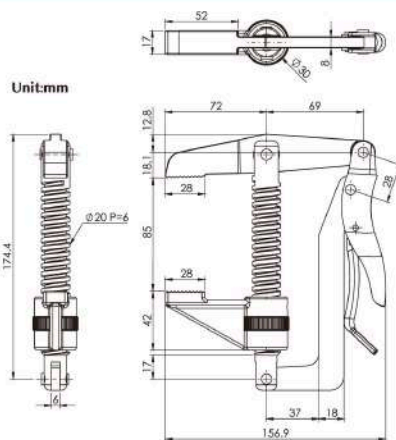
Part No.	A1	B1	B2	B5	C	C1	C2	C3	D3	D4	F	H	L	L1	L3	L4
70101	45	30	8	38	51.5	13.5	4.2	51	17.3	14.9	8	125.4	74.9	15.2	25.3	18.7
70103	50.5	42	13	53	73.8	19	5	66.8	21.7	24.5	13	175.2	97.3	24.6	24.2	23.6

GH 80070

- Holding Capacity 200Kg
- Weight 0.93Kg
- Screw Stroke 85 mm



GH-80070



GH 80325

- Holding Capacity 340Kg
- Jaw Opens 90°
- Handle Opens 50°
- Weight 0.48Kg
- Spindle Supplied SA-12212

GH 80379

- Holding Capacity 340Kg
- Jaw Opens 90°
- Handle Opens 50°
- Weight 0.53Kg
- Spindle Supplied SA-12212

GH 80325-SS (STAINLESS STEEL)

- Holding Capacity 340Kg
- Jaw Opens 90°
- Handle Opens 50°
- Weight 0.48Kg
- Spindle Supplied SA-12212-SS

GH 80379-SS (STAINLESS STEEL)

- Holding Capacity 340Kg
- Jaw Opens 90°
- Handle Opens 50°
- Weight 0.53Kg
- Spindle Supplied SA-12212-SS

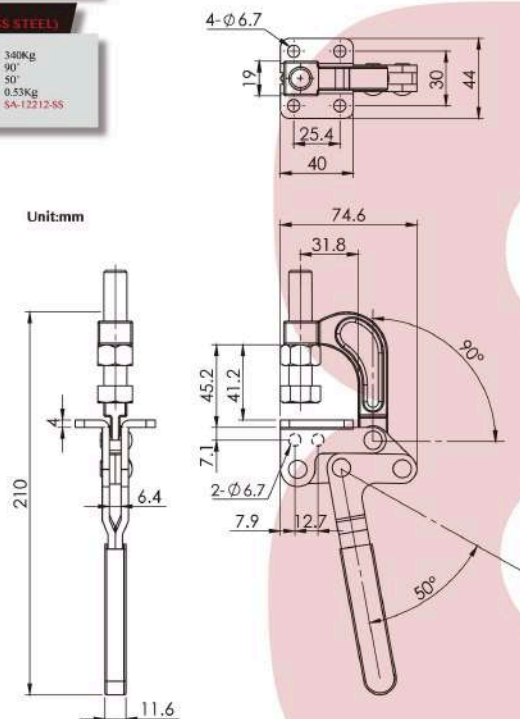


GH-80379



GH-80325

Unit:mm



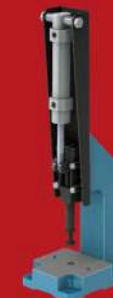
Good Hand air-powered clamps are available in three distinctive versions. Vertically acting mechanisms, which share the features of the equivalent manual series, from which they are derived. Straight line action mechanisms providing a push-pull output force.

Swing action cylinder clamps operating on a helix principle.

The obvious benefits offered by air powered clamps are the increased productivity and safety offered by fully automatic hands free operation. Prevention of accidental handle opening even if the air supply is disconnected.

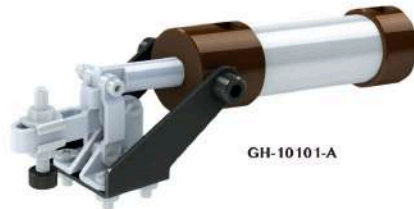
Features include:

- The heavy-duty range has ductile cast iron bases for strength and rigidity.
- Cylinder ports are fitted with air-flow restrictors to control the cycle speed and to provide cushioning at each end of the stroke.
- Chromed piston rods for protection against weld spatter.
- Pivot points are fitted with hardened steel or stainless steel rivets to maintain accuracy and provide a long service life.



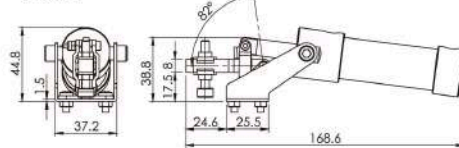
GH 10101-A

- Holding Capacity 50kg
- Bar Opens 82°
- Weight 0.28kg
- Spindle Supplied FC-10138 LP
- Flanged Washers FW-100
- Air Connection Size 1/8 PT
- Cylinder Bore 20mm
- Max Cylinder Air Pressure 10kgf/cm²



GH-10101-A

Unit:mm



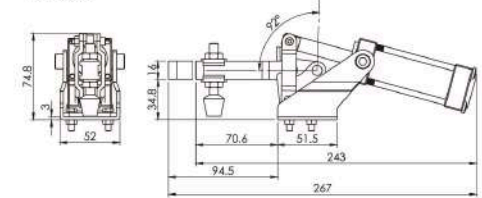
GH 12130-A / 12132-A

- Description Short U-Bar / Long U-Bar
- Holding Capacity 227kg
- Bar Opens 92°
- Weight 0.87kg / 0.88kg
- Spindle Supplied FC-56212
- Flanged Washers FW-516
- Air Connection Size 1/8 PT
- Cylinder Bore 30mm
- Max Cylinder Air Pressure 10kgf/cm²



GH-12130-A

Unit:mm



GH 12050-A

- Holding Capacity 91kg
- Bar Opens 95°
- Weight 0.61kg
- Spindle Supplied FC-14134
- Air Connection Size 1/8 PT
- Cylinder Bore 30mm
- Max Cylinder Air Pressure 10kgf/cm²



GH-12050-A

GH 12050-UA

- Holding Capacity 91kg
- Bar Opens 95°
- Weight 0.62kg
- Spindle Supplied FC-14134
- Flanged Washers FW-142
- Air Connection Size 1/8 PT
- Cylinder Bore 30mm
- Max Cylinder Air Pressure 10kgf/cm²



GH-12050-UA

GH 12265-A

- Holding Capacity 340kg
- Bar Opens 86°
- Weight 1.69kg
- Spindle Supplied FC-38312
- Flanged Washers FW-380
- Air Connection Size 1/8 PT
- Cylinder Bore 40mm
- Max Cylinder Air Pressure 10kgf/cm²



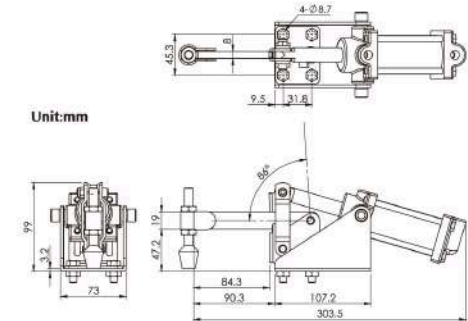
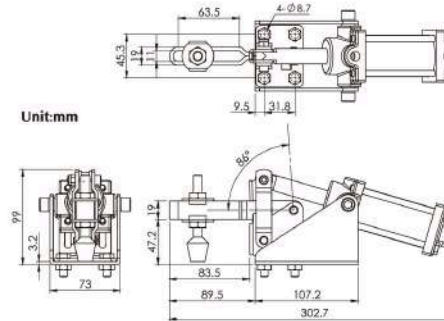
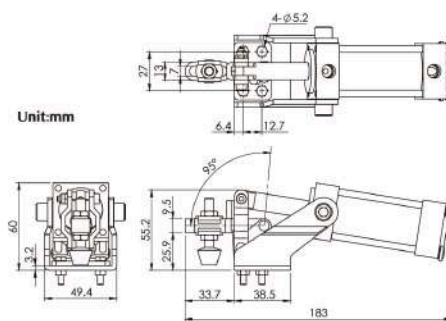
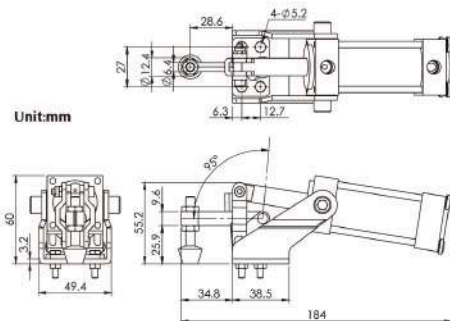
GH-12265-A

GH 12275-A

- Holding Capacity 340kg
- Bar Opens 86°
- Weight 1.71kg
- Spindle Supplied FC-38312
- Flanged Washers FW-380
- Air Connection Size 1/8 PT
- Cylinder Bore 40mm
- Max Cylinder Air Pressure 10kgf/cm²



GH-12275-A



GH 10247-A

- Holding Capacity 450Kg
- Bar Opens 100°
- Weight 3.73Kg
- Spindle Supplied SA-12300
- Flanged Washers FW-120
- Air Connection Size 1/8 PT
- Cylinder Bore 50mm
- Max Cylinder Air Pressure 10Kg/cm²



GH-10247-A

GH 10249-A

- Holding Capacity 450Kg
- Bar Opens 100°
- Weight 3.7Kg
- Spindle Supplied SA-12300
- Flanged Washers FW-120
- Air Connection Size 1/8 PT
- Cylinder Bore 50mm
- Max Cylinder Air Pressure 10Kg/cm²



GH-10249-A

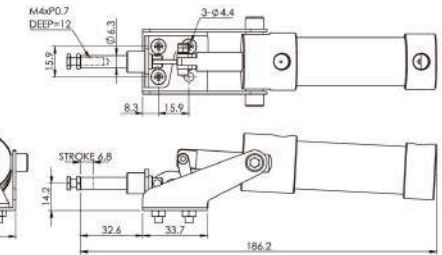
GH 36301-A

- Holding Capacity 45Kg
- Bar Opens 6.8mm
- Weight 0.26Kg
- Spindle Supplied SA-042007(NYLON)
- Air Connection Size 1/8 PT
- Cylinder Bore 20mm
- Max Cylinder Air Pressure 10Kg/cm²



GH-36301-A

Unit:mm



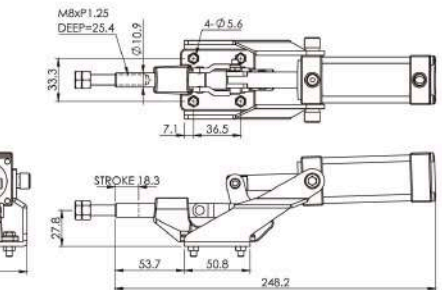
GH 36003-A

- Holding Capacity 272Kg
- Bar Opens 18.3mm
- Weight 0.94Kg
- Spindle Supplied SA-085012
- Air Connection Size 1/8 PT
- Cylinder Bore 30mm
- Max Cylinder Air Pressure 10Kg/cm²



GH-36003-A

Unit:mm



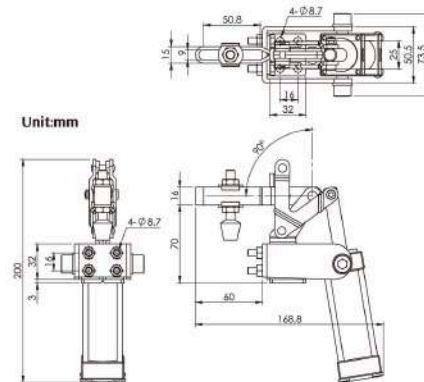
GH 20820-A

- Holding Capacity 100Kg
- Bar Opens 90°
- Weight 0.96Kg
- Spindle Supplied FC-S6212
- Flanged Washers FW-S16
- Air Connection Size 1/8 PT
- Cylinder Bore 30mm
- Max Cylinder Air Pressure 10Kg/cm²



GH-20820-A

Unit:mm



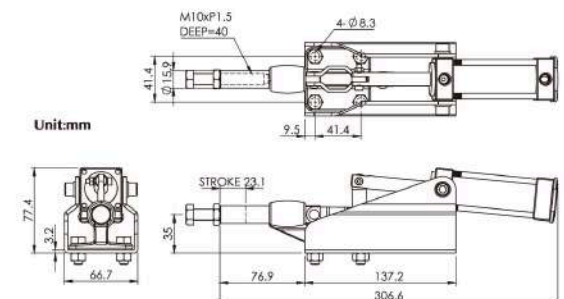
GH 305-EA

- Holding Capacity 386Kg
- Bar Opens 23.1mm
- Weight 1.53Kg
- Spindle Supplied SA-105015
- Air Connection Size 1/8 PT
- Cylinder Bore 30mm
- Max Cylinder Air Pressure 10Kg/cm²



GH-305-EA

Unit:mm

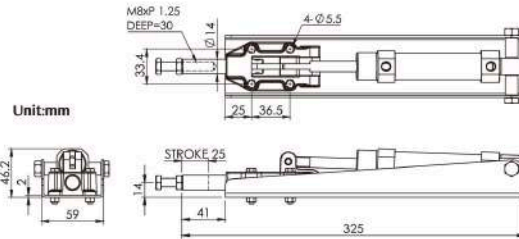


GH 30600HL-A

- Holding Capacity 600Kg
- Bar Opens 25mm
- Weight 1.23Kg
- Spindle Supplied SA-086512
- Air Connection Size 1/8 PT
- Cylinder Bore 25mm
- Max Cylinder Air Pressure 9kgf/cm²



GH-30600HL-A

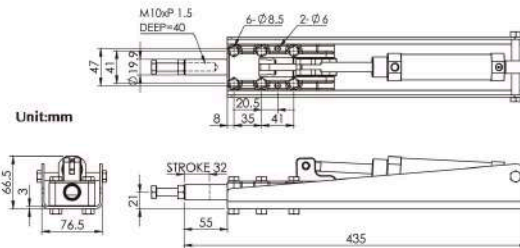


GH 31200HL-A

- Holding Capacity 1200Kg
- Bar Opens 32mm
- Weight 3.37Kg
- Spindle Supplied SA-107515
- Air Connection Size 1/8 PT
- Cylinder Bore 32mm
- Max Cylinder Air Pressure 9kgf/cm²



GH-31200HL-A

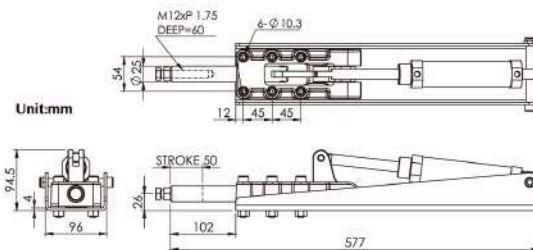


GH 32500HL-A

- Holding Capacity 2500Kg
- Bar Opens 50mm
- Weight 7.03Kg
- Spindle Supplied SA-127517
- Air Connection Size 1/8 PT
- Cylinder Bore 40mm
- Max Cylinder Air Pressure 9kgf/cm²



GH-32500HL-A



GH 30600PR-A

- Holding Capacity 600Kg
- Bar Opens 25mm
- Weight 4.2Kg
- Spindle Supplied SA-086512
- Air Connection Size 1/8 PT
- Cylinder Bore 25mm
- Max Cylinder Air Pressure 9kgf/cm²

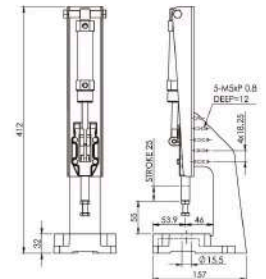
GH-30600HL-A

GH-30600MB



GH-30600PR-A

Unit:mm



GH 31200PR-A

- Holding Capacity 1200Kg
- Bar Opens 32mm
- Weight 10Kg
- Spindle Supplied SA-107515
- Air Connection Size 1/8 PT
- Cylinder Bore 32mm
- Max Cylinder Air Pressure 9kgf/cm²

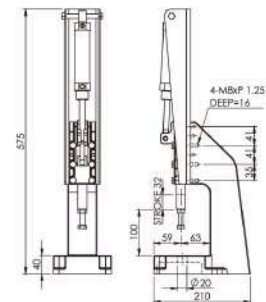
GH-31200HL-A

GH-31200MB



GH-31200PR-A

Unit:mm



GH 32500PR-A

- Holding Capacity 2500Kg
- Bar Opens 50mm
- Weight 19.62Kg
- Spindle Supplied SA-127515
- Air Connection Size 1/8 PT
- Cylinder Bore 40mm
- Max Cylinder Air Pressure 9kgf/cm²

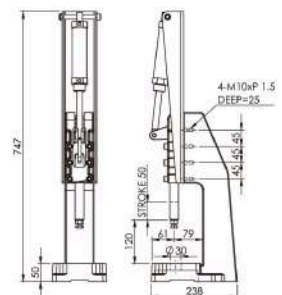
GH-32500HL-A

GH-32500MB



GH-32500PR-A

Unit:mm

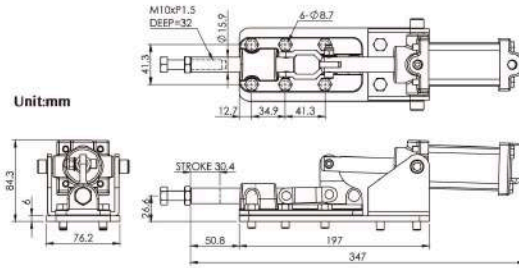


GH 36330-A

- Holding Capacity 1136kg
- Bar Opens 30.4mm
- Weight 2.66kg
- Spindle Supplied SA-105015
- Air Connection Size 1/8 PT
- Cylinder Bore 40mm
- Max Cylinder Air Pressure 10kgf/cm²



GH-36330-A



GH 702-CA

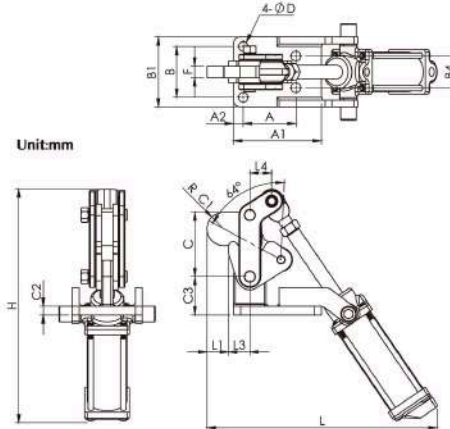
- Holding Capacity 200kg
- Bar Opens 83°
- Weight 1.47kg
- Air Connection Size 1/8 PT
- Cylinder Bore 30mm
- Max Cylinder Air Pressure 10kgf/cm²



GH-702-CA

GH 702-DA

- Holding Capacity 500kg
- Bar Opens 64°
- Weight 3kg
- Air Connection Size 1/8 PT
- Cylinder Bore 40mm
- Max Cylinder Air Pressure 10kgf/cm²

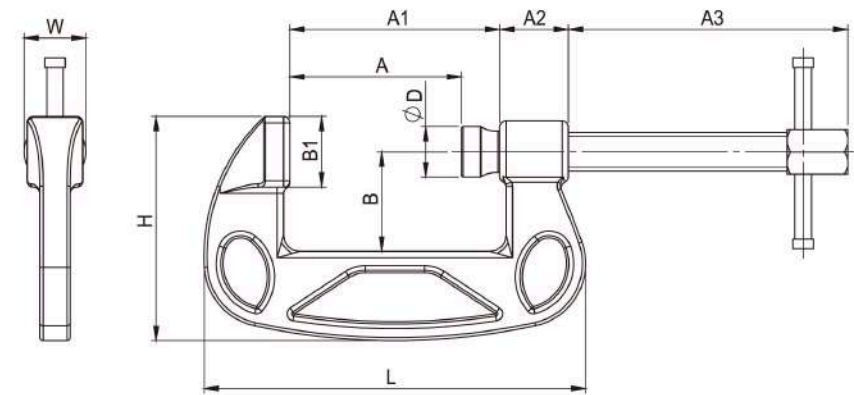


Part No:	A	A1	A2	B	B1	B4	C	C1	C2	C3	D	F	H	L	L1	L3	L4
702-CA	30	80	8	41	58	-	51.5	13.5	10	34	8.5	8	161	247	16.5	23	16.4
702-DA	60	100	11	58	80	36	73.8	19	10	43.7	11	13	264	262	24.6	24.2	25



GH-C CLAMPS

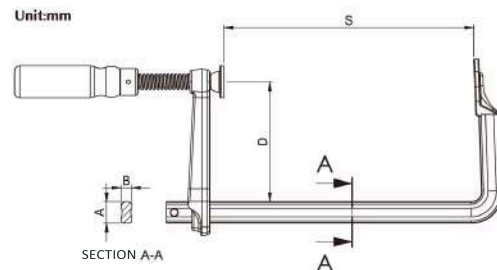
Unit:mm



Part No:	Size	Holding Capacity	Weight	A	A1	A2	A3	B	B1	ØD	H	L	W	Material	Hardness
M25	1"	1300	0.2	25.5	36	20	49	24.5	20	16	58	80	17.6	Medium Carbon Steel	HRC38°
M38	1-1/2"	1500	0.29	39	50	20	69	31	20	16	68	97	17.6		
M50	2"	2000	0.45	54	66	21.6	87.8	31.3	22.2	16	70.5	120	19.5		
M75	3"	2800	1.25	69.7	85.3	27	107.4	40	27.4	19	83.7	148.4	25		
M100	4"	3000	1.4	98.2	117.5	32.4	143	51.5	31.5	22.2	106	192.2	25.5		
M125	5"	3300	2.17	118.7	140	36.7	176.4	60.8	35.5	25	122.5	225	31		
M150	6"	3600	3.17	155	175	40	198.8	72.3	41.5	25	137.8	270	34		
M200	8"	6000	4.55	185.2	209.5	44	239.8	96	41.7	32	174.4	323	53.3	Medium Carbon Steel	HRC38°
M250	10"	7000	6.1	243.5	270	44.5	330	124	43	32	203	380	56.5		
M300	12"	8000	9	290	320	55	360	130	50	35	223	435	61		



GH-G12C-GH-SG150C



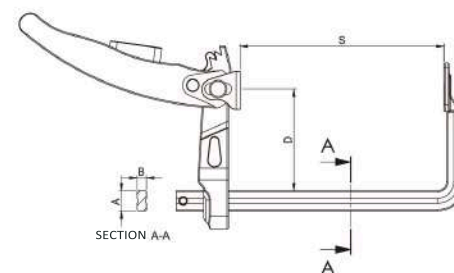
Part No:	Holding Capacity	Weight	S	D	RAIL	PACK
	Kg	Kg	mm	mm	AxB(mm)	pcs/ctn
G12C	270	0.28	120	60	13.5x6.5	10
G16C	300	0.5	160	80	16x7.5	10
G20C	450	0.88	200	100	19.5x9.5	10
G25C	550	1.23	250	120	22x10.5	10
G30C	670	1.85	300	140	25x12	10
G40C	700	2.57	400	175	27x13	10
G60C	700	3.06	600	175	27x13	6
G80C	700	3.55	800	175	27x13	6
SG40C	750	1.97	400	120	25x12	10
SG50C	750	2.18	500	120	25x12	10
SG60C	750	2.39	600	120	25x12	10
SG80C	1000	3.27	800	120	27x13	6
SG100C	1000	3.75	1000	120	27x13	6
SG125C	1000	4.35	1250	120	27x13	4
SG150C	1000	4.98	1500	120	27x13	4



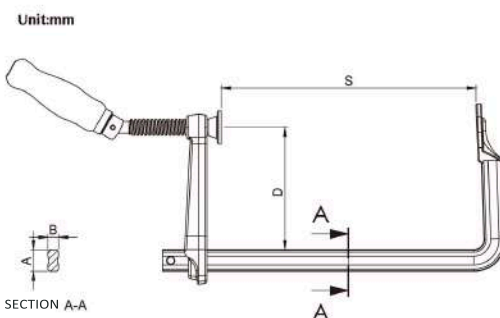
GH-G16L-GH-G100L

Part No:	Weight	S	D	RAIL	PACK	Holding Capacity
	Kg	mm	mm	AxB(mm)	pcs/ctn	Kgf
G16L	0.63	160	80	16 x 7.5	10	300
G20L	1.13	200	100	19.5 x 9.5	10	350
G25L	1.5	250	120	22 x 10.5	10	400
G30L	2.26	300	140	25 x 12	10	500
G40L	2.4	400	120	25 x 12	10	550
G50L	2.62	500	120	25 x 12	10	550
G60L	2.83	600	120	25 x 12	6	550
G80L	3.64	800	120	27 x 13	6	600
G100L	4.22	1000	120	27 x 13	6	600

Unit:mm



REG-C Series



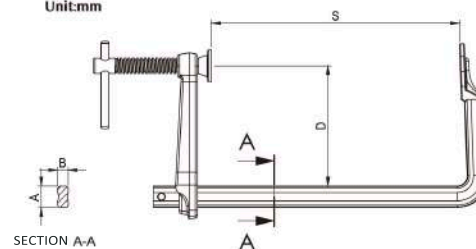
G-CS Series

Part No:		Holding Capacity	Weight	S	D	RAIL	PACK
		Kg	Kg	mm	mm	AxB(mm)	pcs/ctn
REG16C	G16CS	300	0.59 0.5	160	80	16x7.5	10
REG20C	G20CS	450	0.98 0.88	200	100	19.5x9.5	10
REG25C	G25CS	550	1.33 1.23	250	120	22x10.5	10
REG30C	G30CS	670	1.98 1.85	300	140	25x12	10
REG40C	G40CS	700	2.7 2.57	400	175	27x13	10
REG60C	G60CS	700	3.19 3.06	600	175	27x13	6
REG80C	G80CS	700	3.68 3.55	800	175	27x13	6
RESG40C	SG40CS	750	2.04 1.97	400	120	25x12	10
RESG50C	SG50CS	750	2.25 2.18	500	120	25x12	10
RESG60C	SG60CS	750	2.46 2.39	600	120	25x12	10
RESG80C	SG80CS	1000	3.4 3.27	800	120	27x13	6
RESG100C	SG100CS	1000	3.88 3.75	1000	120	27x13	6
RESG125C	SG125CS	1000	4.5 4.38	1250	120	27x13	4
RESG150C	SG150CS	1000	5.11 4.9	1500	120	27x13	4



GH-S15C6-GH-S30C10

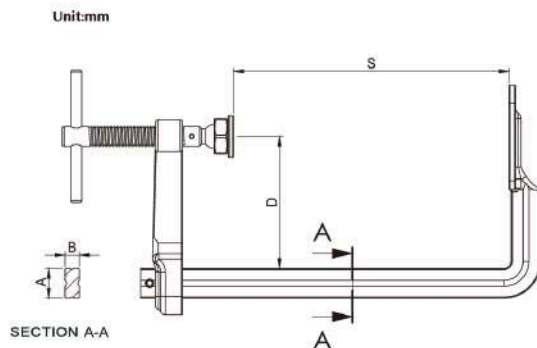
Unit:mm



Part No:	Holding Capacity	Weight	S	D	RAIL	PACK
	Kg	Kg	mm	mm	AxB(mm)	pcs/ctn
S15C6	600	0.72	150	60	19.5x9.5	10
S20C10	800	1.5	200	100	25x12	10
S25C10	800	1.61	250	100	25x12	10
S30C10	800	1.72	300	100	25x12	10



GH-S20C12~GH-S100C12



There are 3 types of clamping pad available for change.



P PAD



R PAD

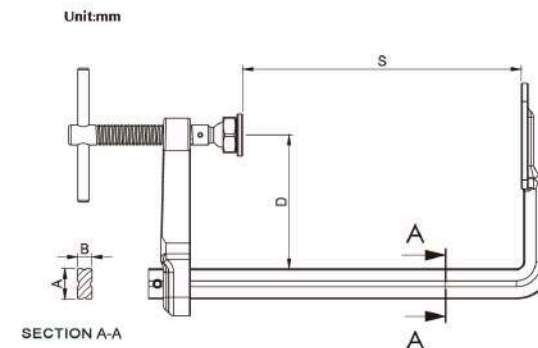


V PAD

Part No:	Holding Capacity Kg	Weight Kg	S mm	D mm	RAIL Ax(B)(mm)	PACK pcs/ctn
S20C12	1000	1.97	200	120	27 x 13	10
S25C12	1000	2.09	250	120	27 x 13	10
S30C12	1000	2.21	300	120	27 x 13	10
S40C12	1000	2.46	400	120	27 x 13	10
S50C12	1000	2.71	500	120	27 x 13	10
S60C12	1000	2.96	600	120	27 x 13	6
S100C12	1000	3.88	1000	120	27 x 13	6



GH-SS30C~GH-SS150C



There are 3 types of clamping pad available for change.



P PAD



R PAD

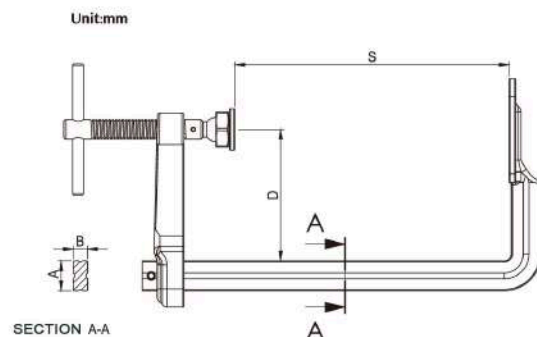


V PAD

Part No:	Holding Capacity Kg	Weight Kg	S mm	D mm	RAIL Ax(B)(mm)	PACK pcs/ctn
SS30C	2200	5.5	300	175	40 x 20	4
SS40C	2200	6.06	400	175	40 x 20	4
SS50C	2200	6.62	500	175	40 x 20	4
SS60C	2200	7.18	600	175	40 x 20	4
SS80C	2200	8.3	800	175	40 x 20	2
SS100C	2200	9.43	1000	175	40 x 20	2
SS125C	2200	10.83	1250	175	40 x 20	2
SS150C	2200	12.05	1500	175	40 x 20	2



GH-GS25C~GH-GS150C



There are 3 types of clamping pad available for change.



P PAD



R PAD



V PAD

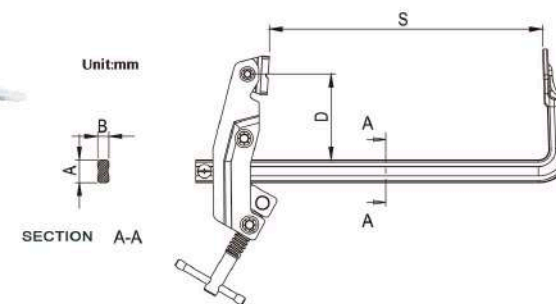
Part No:	Holding Capacity Kg	Weight Kg	S mm	D mm	RAIL Ax(B)(mm)	PACK pcs/ctn
GS25C	1200	2.76	250	120	30 x 15	6
GS30C	1200	2.96	300	140	30 x 15	6
GS40C	1200	3.2	400	120	30 x 15	6
GS50C	1200	3.66	500	140	30 x 15	6
GS60C	1200	3.87	600	120	30 x 15	6
GS80C	1200	4.62	800	140	30 x 15	6
GS100C	1200	5.15	1000	120	30 x 15	4
GS125C	1200	5.94	1250	120	30 x 15	4
GS150C	1200	6.65	1500	120	30 x 15	4



GH-CTL series-1



GH-CTL series-2



GH-CTD



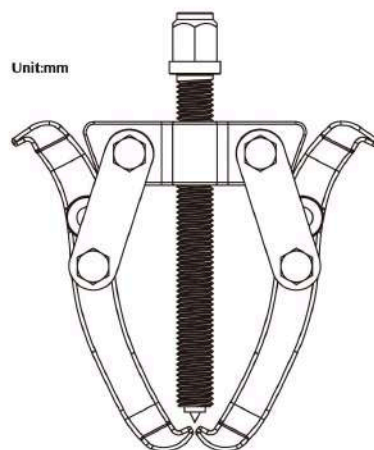
GH-CTV

Part No:	Holding Capacity Kg	Weight Kg	S mm	D mm	RAIL Ax(B)(mm)	PACK pcs/ctn
CTL15	600	1.36	150	80	22 x 10.5	10
CTL20	600	1.44	200	80	22 x 10.5	10
CTL30	700	2.72	300	100	27 x 13	6
CTL50	600	1.93	500	80	22 x 10.5	10
CTL60	700	3.46	600	100	27 x 13	6
CTL80	600	2.42	800	80	22 x 10.5	10
CTL100	700	4.41	1000	100	27 x 13	6
CTD1	for rail 22 mm					1
CTD2	for rail 27 mm					1
CTV						1

* CTD1 · CTD2 and CTV are optional parts.



TWO-JAW GEAR PULLER

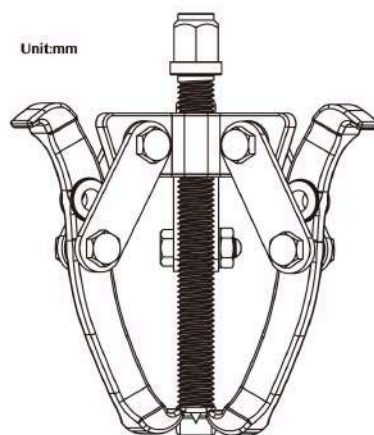


Unit:mm

Part No.	Description	Size	Spread	Reach	Thread Length	Hex Head
P0752		3"	40-75	60	45	14
P1002	CR.V. FORGED HARDENED	4"	50-100	70	55	17
P1502	JAWS CHROME PLATED	6"	60-150	120	95	19
P2002		8"	80-200	175	135	23
P3002		12"	120-300	215	170	32



THREE-JAW GEAR PULLER



Unit:mm

Part No.	Description	Size	Spread	Reach	Thread Length	Hex Head
P0753		3"	40-75	60	45	14
P1003	CR.V. FORGED HARDENED	4"	50-100	70	55	17
P1503	JAWS CHROME PLATED	6"	60-150	120	95	19
P2003		8"	80-200	175	135	23
P3003		12"	120-300	215	170	32



GH-YP series

GH-YN series

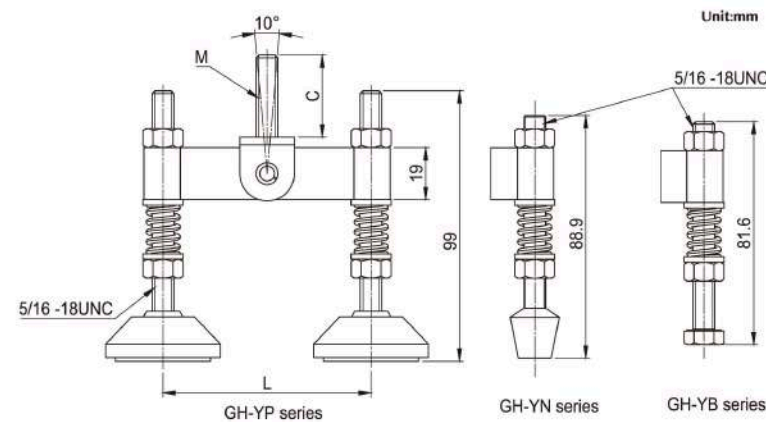
GH-YB series



GH-12130-HB+GH-YP

GH-200-WH+GH-YN

GH-304-E+GH-YB



GH-YP series

GH-YN series

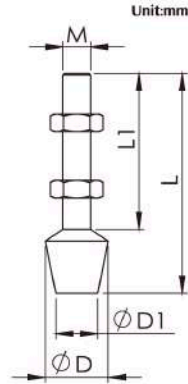
GH-YB series

Plastic Pad Part No.	Neoprene Cap Part No.	Plain Spindle Part No.	L	M (metric size is available)	C
YP-3130	YN-3130	YB-3130	76.2 [3"]	5/16"-18(M8)	30
YP-3160	YN-3160	YB-3160	152.4 [6"]	5/16"-18(M8)	30
YP-3730	YN-3730	YB-3730	76.2 [3"]	3/8"-16(M10)	35
YP-3760	YN-3760	YB-3760	152.4 [6"]	3/8"-16(M10)	35

NEOPRENE TIPPED SPINDLES



Part No. - METRIC	M	L	L1	D	D1
FC-042507/ FC-043207-SS	M4 P=0.7	25	15	12	8
FC-043207	M4 P=0.7	32	22	12	8
FC-043207-LP	M4 P=0.7	34	28	9.6	-
FC-044207	M4 P=0.7	42	32	12	8
FC-053008	M5 P=0.8	31	21	13	10
FC-053708-LP	M5 P=0.8	37	31	10.6	-
FC-053808	M5 P=0.8	38	28	13	10
FC-064410	M6 P=1.0	44	30	16	10
FC-065110/ FC-065110-SS	M6 P=1.0	51	37	16	10
FC-086312/ FC-086312-SS	M8 P=1.25	63	44	19	12.5
FC-087512	M8 P=1.25	75	56	19	12.5
FC-081212	M8 P=1.25	123	104	19	12.5
FC-108515/ FC-108515-SS	M10 P=1.5	85	59	24	16
FC-121017	M12 P=1.75	100	74	30.5	24.5



Part No. - IMPERIAL	M	L	L1	D	D1
FC-10138	#10 - 24UNC	37	26	13.8	11
FC-10138-LP	#10 - 24UNC	35	29	10.6	-
FC-14134	1/4" - 20UNC	46.6	32.6	16.8	11.2
FC-14214	1/4" - 20UNC	57.4	44.4	16.8	11.2
FC-56212	5/16" - 18UNC	63.5	45	18	12
FC-56300	5/16" - 18UNC	76.2	57.7	18	12
FC-38312	3/8" - 16UNC	88.9	63.4	22	14
FC-38412	3/8" - 16UNC	115.5	90	22	14
FC-12334	1/2" - 13UNC	95	69	30.5	24.5

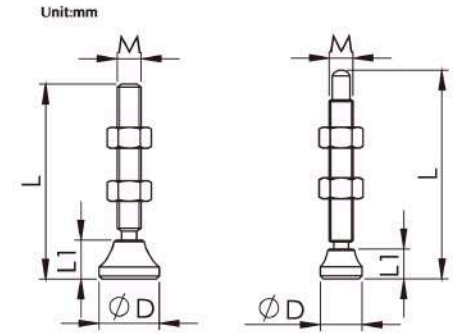
GH-FC-SS : NEOPRENE TIPPED STAINLESS STEEL SPINDLES

SWIVEL FOOT SPINDLES



GH-SF-METRIC series

GH-SF-UNC series

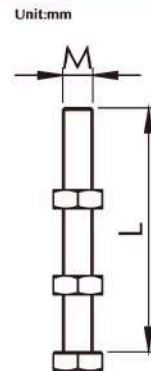


METRIC				
Part No.	M	L	D(mm)	L1(mm)
SF-05035	M5 P=0.8	35mm	12	10
SF-06050	M6 P=1.0	50mm	12	10
SF-08065	M8 P=1.25	65mm	20	15
SF-10085	M10 P=1.5	85mm	20	15
SF-12100	M12 P=1.75	100mm	25	20
SF-16150	M16 P=2.0	150mm	45	30
IMPERIAL				
Part No.	M	L	D(mm)	L1(mm)
SF-14214	1/4" - 20UNC	2-1/4"	12.7	9.4
SF-56234	5/16" - 18UNC	2-3/4"	14	10
SF-38300	3/8" - 16UNC	3"	16	10.9
SF-12400	1/2" - 13UNC	4"	19	11.8

STANDARD SPINDLES



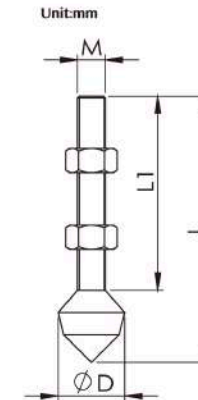
METRIC	
Part No.	Description(M x L)
SA-041507	M4 x 15mm
SA-042007(Nylon)/ SA-042007-SS	M4 x 20mm
SA-042507	M4 x 25mm
SA-044007	M4 x 40mm
SA-051508	M5 x 15mm
SA-054008	M5 x 40mm
SA-064010/	M6 x 40mm
SA-064010-SS	M6 x 40mm
SA-065010/	M6 x 50mm
SA-065010-SS	M6 x 50mm
SA-083012	M8 x 30mm
SA-085012/	M8 x 50mm
SA-085012-SS	M8 x 50mm
SA-086512	M8 x 65mm
SA-105015/	M10 x 50mm
SA-105015-SS	M10 x 50mm
SA-107515	M10 x 75mm
SA-109015	M10 x 90mm
SA-125017	M12 x 50mm
SA-121017	M12 x 100mm



IMPERIAL	
Part No.	Description(M x L)
SA-08034(Nylon)	#8 - 32UNC x 3/4"
SA-10118	#10 - 24UNC x 1-1/8"
SA-14112	1/4" - 20UNC x 1-1/2"
SA-14134/	1/4" - 20UNC x 1-3/4"
SA-18134-SS	1/4" - 20UNC x 1-3/4"
SA-56200	5/16" - 18UNC x 2"
SA-56212	5/16" - 18UNC x 2-1/2"
SA-38300	3/8" - 16UNC x 3"
SA-38400	3/8" - 16UNC x 4"
SA-12300	1/2" - 13UNC x 3"
SA-12412	1/2" - 13UNC x 4-1/2"
SA-58500	5/8" - 11UNC x 5"

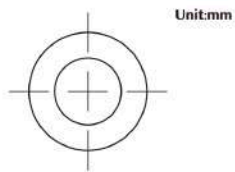
GH-SA-SS : STAINLESS STEEL SPINDLES

CONE CUSHION-TIP BONDED NEOPRENE CAP

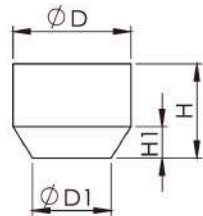


Part No. - IMPERIAL	M	L	L1	D
CC-10138	#10 - 24UNC	34.9	22.2	14.3
CC-14134	1/4" - 20UNC	44.5	26.5	19.1
CC-14214	1/4" - 20UNC	57.2	39.7	19.1
CC-14218	1/4" - 20UNC	54	36.5	19.1
CC-56212	5/16" - 18UNC	63.5	44	19.1
CC-56300	5/16" - 18UNC	76.2	56.5	19.1
CC-38312	3/8" - 16UNC	88.9	67	22.2

NEOPRENE CAPS FOR STANDARD SPINDLES

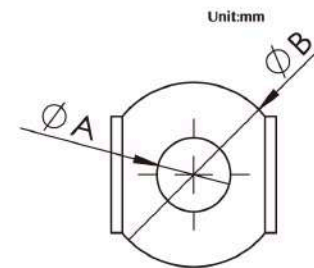


Unit:mm

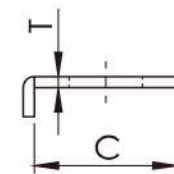


METRIC					
Part No.	Description	D	D1	H	H1
NC-04	For M4 spindles	11	7	8.5	4
NC-05	For M5 spindles	12.5	8	10	4
NC-06	For M6 spindles	15	10	12	4
NC-08	For M8 spindles	19	13	15	6
NC-10	For M10 spindles	22	15	17.5	7
NC-12	For M12 spindles	26	19	20	7
NC-16	For M16 spindles	33	24	27	8
IMPERIAL					
Part No.	Description	D	D1	H	H1
NC-140	For 1/4" spindles	15	10	12	4
NC-516	For 5/16" spindles	19	-	12.5	-
NC-380	For 3/8" spindles	22	15	17.5	7
NC-120	For 1/2" spindles	29	-	16	-

FLANGED WASHERS



Unit:mm

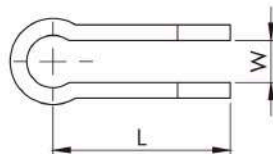


Part No.	Description	A	B	C	T
FW-080 / FW-080-SS	For 4mm & #8 spindles	4.3	12.7	8.3	1
FW-100 / FW-100-SS	For 5mm & #10 spindles	5	12.6	9.3	1.2
FW-140 / FW-140-SS	For 6mm & 1/4" spindles	6.3	14	12	1.5
FW-142 / FW-142-SS	For 6mm & 1/4" spindles	6.3	15	13.5	1.5
FW-516 / FW-516-SS	For 8mm & 5/16" spindles	8.3	22	15.6	2
FW-380 / FW-380-SS	For 10mm & 3/8" spindles	10	25	19.4	2
FW-120	For 12mm & 1/2" spindles	13	33	24	3
FW-580	For 16mm & 5/8" spindles	16.2	35	27.4	3

GH-FW-SS : STAINLESS STEEL FLANGED WASHERS

BOLT RETAINERS

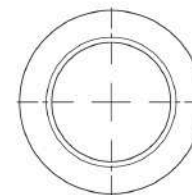
Unit:mm



Part No.	Description	H	L	W
BR-140	For 6mm & 1/4" spindles	12.7	25.5	5
BR-516	For 8mm & 5/16" spindles	15.9	25.3	6.5
BR-380	For 10mm & 3/8" spindles	20	32	8
BR-120	For 12mm & 1/2" spindles	23.2	31.8	10
BR-580	For 16mm & 5/8" spindles	32	39	10

PLASTIC COVERS FOR SWIVEL FOOT SPINDLES

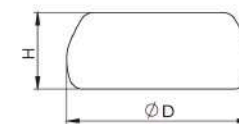
Unit:mm



GH-NPC-0810



GH-NPC-0506



Part No.	Description	ØD	H
GH-NPC-0506	Fits M5/M6 Swivel Foot Spindles	16	6
GH-NPC-0810	Fits M8/M10 Swivel Foot Spindles	24	10