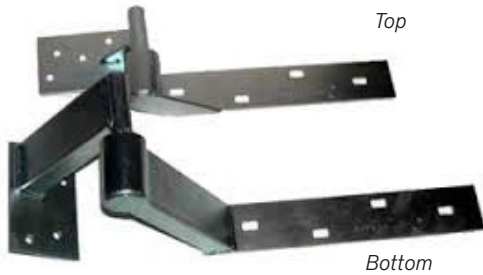


## **GATE HARDWARE** **Hinges**

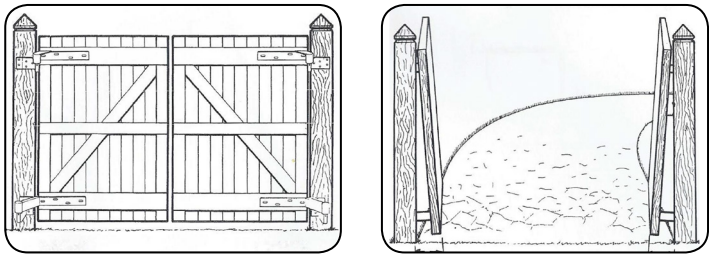
**2018**

HINGES

Rising Hinges

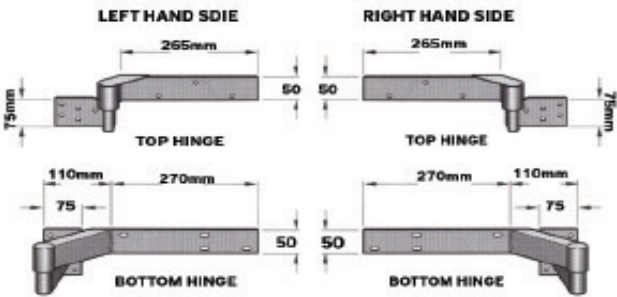


CODE	DESCRIPTION	CTN
G7RH	RIGHT HAND	1
G7LH	LEFT HAND	1



RISING HINGES OVER COME THE PROBLEM ENCOUNTERED WHEN INSTALLING GATES ON SLOPING OR STEEP DRIVEWAYS. IT IS NORMAL PRACTICE FOR GATES TO MAINTAIN A CONSTANT GROUND CLEARANCE OF APPROXIMATELY 50MM IN BOTH THE OPEN AND CLOSED POSITION. BELOW ARE SOME EXAMPLES OF CAN WHAT BE ACHIEVED IF INSTALLED CORRECTLY.

GATE RISES EXAMPLE



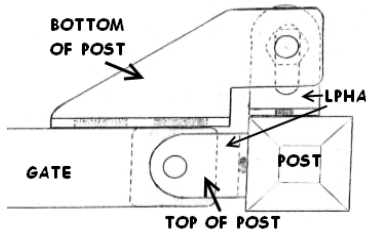
GATE HEIGHT	GATE WIDTH	RISE @ 90°	HINGE SEPARATION
960mm	900mm	275mm	750mm
960mm	1200mm	330mm	750mm
960mm	1500mm	400mm	750mm
960mm	2100mm	530mm	750mm
1250mm	1200mm	240mm	1060mm
1250mm	1800mm	330mm	1060mm
1250mm	2100mm	380mm	1060mm
1840mm	1200mm	165mm	1650mm
1840mm	2100mm	250mm	1650mm
2145mm	2100mm	225mm	1900mm

\*Above chart is a example only.

Rising Plate



CODE	DESCRIPTION	CTN
RHRH	RIGHT HAND ZINC	1
RHLH	LEFT HAND ZINC	1



Right side of the gate.  
 Example Only,  
 Long Plate not Included

RISING PLATES SUITS THE FIXED OR ADJUSTABLE LONG PLATED HINGES. LONG PLATED HINGES CAN BE FOUND ON PAGE 107. ONLY 1 PLATE IS REQUIRED AND IS POSITIONED AT THE BOTTOM OF THE GATE. SUITABLE FOR SMALL RISES ONLY

HINGES

Weld On Hinges

CODE	DESCRIPTION	MATERIAL	PIN/HOLE SIZE	CTN
WS12	SLEEVE	ZINC PLATED	12mm	20
WS16	SLEEVE	ZINC PLATED	16mm	20
WS20	SLEEVE	ZINC PLATED	20mm	20
WS27	SLEEVE	ZINC PLATED	27mm	1
WP12	PIN	ZINC PLATED	12mm	20
WP16	PIN	ZINC PLATED	16mm	20
WP20	PIN	ZINC PLATED	20mm	20
WP27	PIN	ZINC PLATED	27mm	1

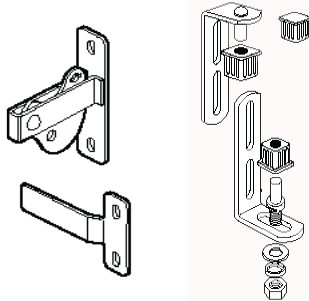


SLEEVE - WS

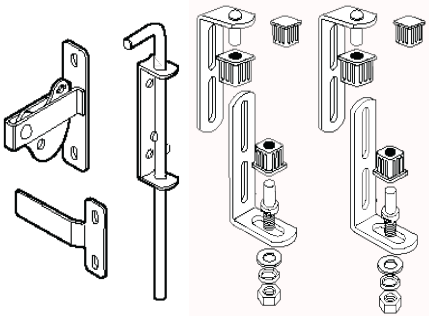


PIN - WP

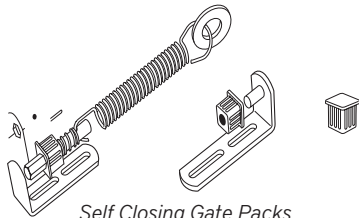
Gate Packs



Singles Gate Packs



Double Gate Packs

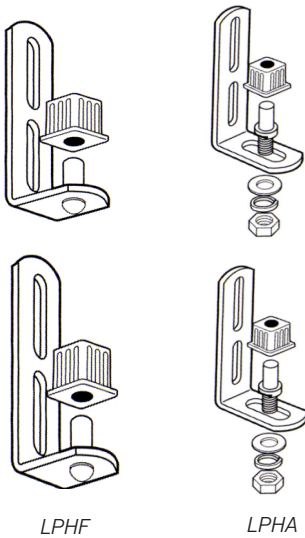


Self Closing Gate Packs

CODE	PRODUCT FEATURE	CTN
SGP25(JONO)	1xLPHA (Adjustable Plated Hinges) 1x LPHF(Fixed Plated Hinge) 1x DLSI (D-Latch & Strike) 1x PEC25SQ (End Closure) 2x NB2525 (Nylon Bush)	10
SGP38(JONO)	1xLPHA (Adjustable Plated Hinge) 1x LPHF(Fixed Plated Hinge) 1x DLSI (D-Latch & Strike) 1x PEC3825 (End Closure) 2x NB2538 (Nylon Bush)	10
DGP25(JONO)-300	1 Pair LPHA(Adjustable Plated Hinge) 1 Pair LPHF (Fixed Plated Hinge) 1x DLSI (D-Latch & Strike) 1x DBI300 (Drop Bolt) 2x PEC25SQ (End Closure) 4x NB2525 (Nylon Bush)	10
DGP25(JONO)-450	1 Pair LPHA(Adjustable Plated Hinge) 1 Pair LPHF (Fixed Plated Hinge) 1x DLSI (D-Latch & Strike) 1x DBI450 (Drop Bolt) 2x PEC25SQ (End Closure) 4x NB2525 (Nylon Bush)	10
TGP250	FIXED TOP SELF CLOSING FIXED BOTTOM SUPPLIED WITH 25x25, 38x25, 30x30. BUSH	10
TGP260	ADJUSTABLE TOP FIXED SELF CLOSING BOTTOM SUPPLIED WITH 25x25, 38x25, 30x30 BUSH	10

HINGES

Long Plated



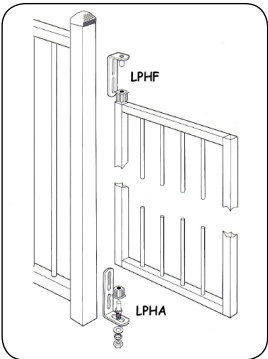
\* Example Only  
\* Bush sold separately  
\* Back adjustment slots may vary

CODE	PRODUCT FEATURE	CTN
LPHF	LONG PLATED HINGE 12mm FIXED PIN ZINC PLATED	10 Pair
LPHA	LONG PLATED HINGE ADJUSTABLE 12mm PIN ZINC PLATED (Bushes Not Included)	10 Pair
NB2525	BUSH NYLON INSERTS 12mm PIN 25x25mm	1 Each
NB2538	BUSH NYLON INSERTS 12mm PIN 25x38mm	1 Each
NB3030	BUSH NYLON INSERTS 12mm PIN 30x30mm	1 Each

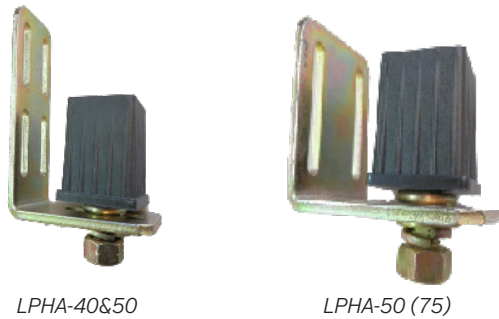
LONG PLATED HINGES ARE AVAILABLE IN FIXED OR ADJUSTABLE WITH A 12mm PIN. NYLON BUSH ARE AVAILABLE IN 25x25mm, 30x30mm AND 38x25mm THATS FITS OVER THE PIN AND INSERTS INSIDE THE TUBING.



Bushes



Long Plated Hinges

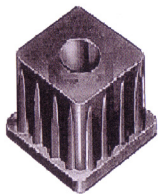
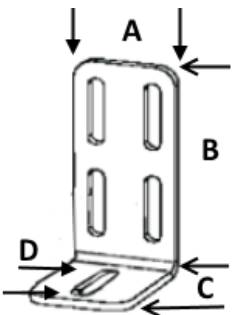


LPHA-40&50

LPHA-50 (75)

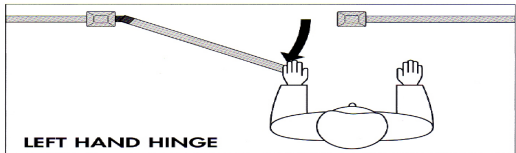
CODE	INSERT TYPE	SIZE	PIN SIZE	CTN
LPHA-40	NYLON	40x40mm	12mm	20 Pair
LPHA-50/16	NYLON	50x50mm	16mm	20 Pair
LPHA-50-75	NYLON	50x50mm	16mm	20 Pair
NB4040	NYLON	40x40mm	12mm	1 Only
NB5050	NYLON	50x50mm	16mm	1 Only

HEAVY DUTY LONG PLATED HINGE IS INSERTED INSIDE 40 & 50mm TUBING. LONG PLATE HAS A 12mm & 16mm PINS.

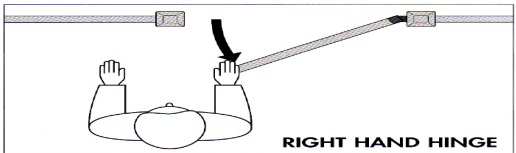


Replacement Bush

TYPE	A	B	C	D
LPHA-40	50mm	125mm	70mm	40mm
LPHA-50/16	50mm	125mm	95mm	55mm
LPHA-50(75)	76mm	85mm	95mm	55mm



LEFT HAND HINGE

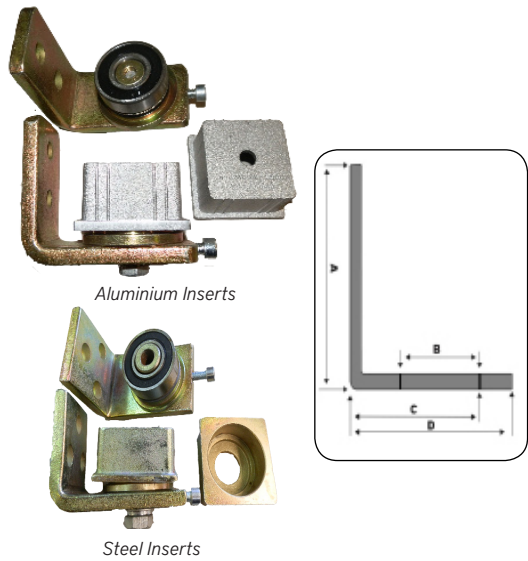


RIGHT HAND HINGE

Specified hinges system is based on the person standing on the inside of the gate looking at the gate. Unless specify different.

HINGES

Bearing Hinges



Aluminium Inserts

Steel Inserts

CODE	INSERT TYPE	SIZE	LOAD kg	CTN
LPHA-BB40S	STEEL	40x40mm	250kg	Per Pair
LPHA-BB50A	ALUMINIUM	50x50mm	250kg	Per Pair
LPHA-BB50S	STEEL	50x50mm	250kg	Per Pair
LPHA-BB65A	ALUMINIUM	65x65mm	400kg	Per Pair
LPHA-BB65S	STEEL	65x65mm	400kg	Per Pair
LPHA-BB75A	ALUMINIUM	75x75mm	400kg	Per Pair
LPHA-BB75S	STEEL	75x75mm	400kg	PerPair

TYPE	A	B	C	D
40 Series	68mm	19mm	65mm	78mm
50 Series	68mm	19mm	65mm	78mm
65 Series	72mm	31mm	85mm	98mm
75 Series	72mm	31mm	85mm	98mm

Swinging Gates

UPPER BEARING HINGE - Bolt On



CODE	RATED	DIA.Ø
86L-P	200kg	45 Ø
85L-M	350kg	50 Ø
85L-G	500kg	70 Ø

BOTTOM BEARING HINGE - Bolt On



CODE	RATED	DIA.Ø
87L-P	200kg	45 Ø
87L-M	350kg	50 Ø
87L-G	500kg	70 Ø

UPPER BEARING HINGE - Concrete Post



85PST

CODE	RATED	DIA.Ø
85PST-M	350kg	50 Ø
85PST-G	500kg	70 Ø
85XL	4000kg	110 Ø

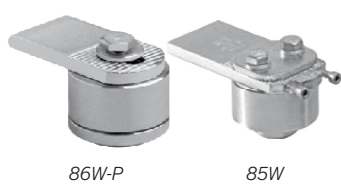
BOTTOM BEARING HINGE - Bolt Down



87PST-P

CODE	RATED	DIA.Ø
87PST-P	200kg	45 Ø
87PST-M	350KG	50 Ø
87PST-G	500kg	70 Ø
87XL	4000kg	110 Ø

UPPER BEARING HINGE - Weld On



86W-P

85W

CODE	RATED	DIA.Ø
86W-P	200kg	45 Ø
85W-M	450kg	50 Ø
85W-G	650kg	70 Ø

\* Extra plate required is not supplied

BOTTOM BEARING HINGE - Weld On - Concrete In



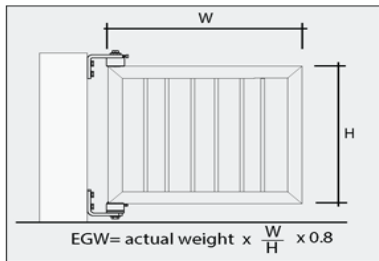
CODE	RATED	DIA.Ø
87W-P	200kg	45 Ø
87W-M	450kg	50 Ø
87W-G	650kg	70 Ø

\* Extra plate required is not supplied

Hinge Rating

Hinge rating are based on the EGW. A 100kg gate 2 meter wide with hinges 2 meter apart needs two hinges rated at 100kg+. Knowing the EGW is important and easy to work out.

(Actual gate weight x width/height = EGW)

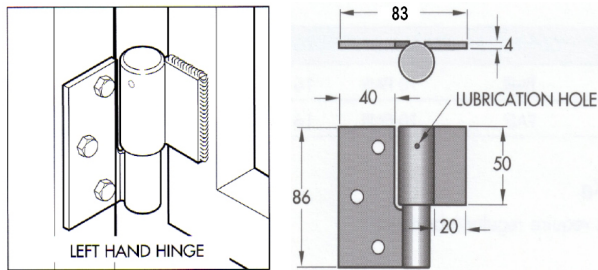


\* All measurement are in millimeters



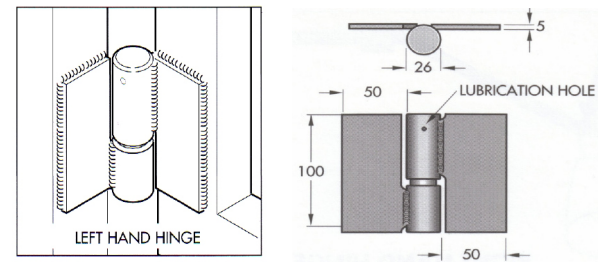
BEARING HINGES

WELD ON BOLT ON

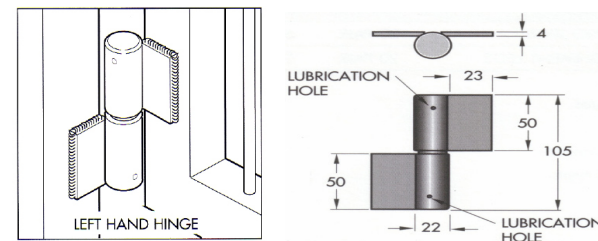


CODE	TYPE / STYLE	CTN
BBGHWZRZ	RIGHT HAND SIDE ZINC PLATED	20 Pairs
BBGHWLZ	LEFT HAND SIDE ZINC PLATED	20 Pairs
BBGHWZRZ-GAL	RIGHT HAND SIDE GALVANISED	20 Pairs
BBGHWLZ-GAL	LEFT HAND SIDE GALVANISED	20 Pairs

WELD ON WELD ON

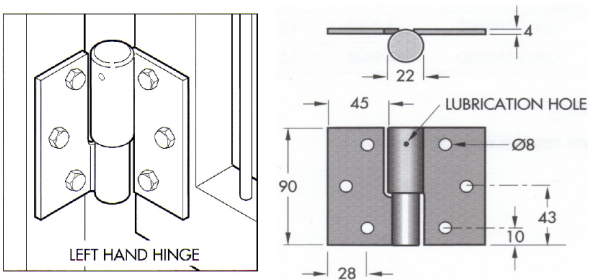


CODE	TYPE / STYLE	CTN
BBH10050R	RIGHT HAND SIDE ZINC PLATED	10 Pairs
BBH10050L	LEFT HAND SIDE ZINC PLATED	10 Pairs



SSBBHR	RIGHT HAND SIDE ZINC PLATED	10 Pair
SSBBHL	LEFT HAND SIDE ZINC PLATED	10 Pair

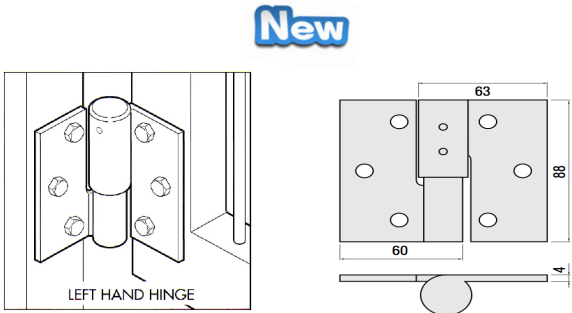
BOLT ON BOLT ON



CODE	TYPE / STYLE	CTN
DBBH9045R	RIGHT HAND SIDE ZINC PLATED	20 Pair
DBBH9045L	LEFT HAND SIDE ZINC PLATED	20 Pair
DBBH9045R-GAL	RIGHT HAND SIDE GALVANISED	20 Pair
DBBH9045L-GAL	LEFT HAND SIDE GALVANISED	20 Pair

HINGES

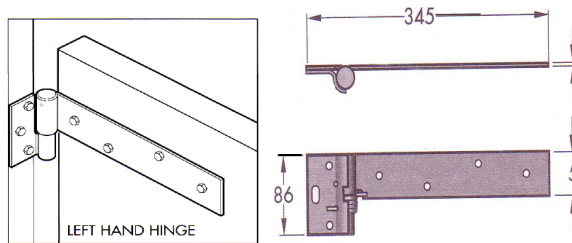
SECURITY HINGE  
BOLT ON BOLT ON



SECURITY PIN HINGES, THE GATE CAN ONLY BE  
REMOVED WHEN THE GATE IS IN THE OPEN POSITION.

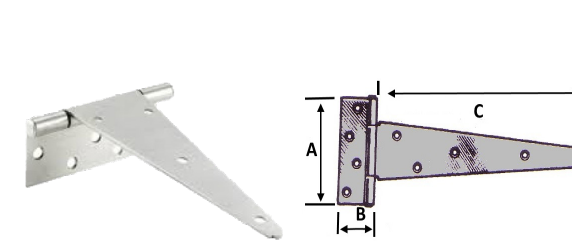
CODE	TYPE / STYLE	CTN
SP-8860L	LEFT HAND SIDE ZINC PLATED	10 Pairs
SP-8860R	RIGHT HAND SIDE ZINC PLATED	10 Pairs

STRAP HINGES



CODE	TYPE / STYLE	CTN
BBGHRZ	RIGHT HAND SIDE ZINC PLATED	12 Pair
BBGHLZ	LEFT HAND SIDE ZINC PLATED	12 Pair

SCOTCH TEES



TYPE	A	B	C
H150G	110mm	45mm	150mm
H200G	110mm	45mm	200mm
H250G	115mm	45mm	250mm
H300G	115mm	45mm	300mm

CODE	TYPE / STYLE	CTN
H150G	GALVANISED BRASS PIN	20 Pair
H200G	GALVANISED BRASS PIN	20 Pairs
H250G	GALVANISED BRASS PIN	20 Pairs
H300G	GALVANISED BRASS PIN	20 Pairs

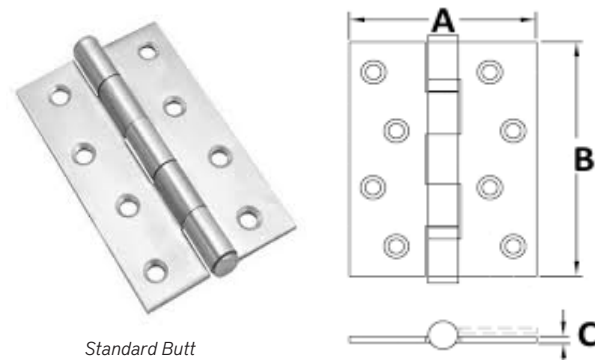
HASP & STAPLE



CODE	DESCRIPTION	CTN
HS185X50	SPRING COIL ADJUSTABLE 360mm LONG ZINC PLATED	1 Set

BUTT HINGES

ZINC PLATED

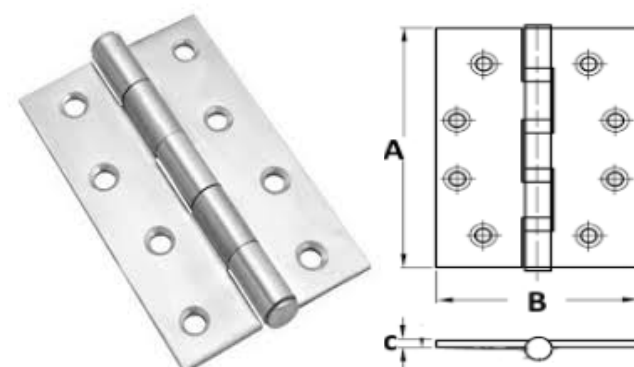


Standard Butt

TYPE	A	B	C
BH100x75x2.5	100mm	75mm	2.5mm
BH85x60x1.6	85mm	60mm	1.6mm
BH75x50x1.6	75mm	50mm	1.6mm
BH100x75-BLACK	100mm	75mm	2.5mm
BH100x100x2.5	100mm	100mm	2.5mm

CODE	DESCRIPTION	CTN
BH100x75x2.5	FIXED PIN ZINC	50 Pair
BH85x60x1.6	FIXED PIN ZINC	50 Pair
BH76x50	FIXED PIN ZINC	50 Pair
BH100x75-BLACK	FIXED PIN SATIN BLACK	50 Pair
BH100x100x2.5	FIXED PIN ZINC	50 Pair

STAINLESS STEEL BUTT



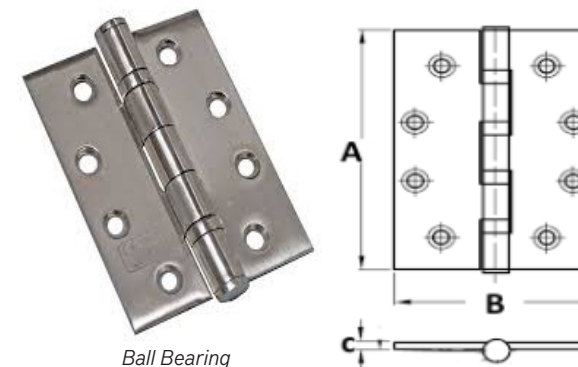
Standard Butt

TYPE	A	B	C
SSBH10075	100mm	75mm	2.5mm
SSBH10075L	100mm	75mm	1.5mm
SSBH10075-E	100mm	75mm	2.5mm
SSBH7650	76mm	50mm	1.6mm
SSBH8560	85mm	60mm	1.5mm
SSBH100100	100mm	100mm	2.5mm
SSBH100125	100mm	125mm	3.0mm
SSBH100150	100mm	150mm	3.5mm
SSBH100150-316	100mm	75mm	2.5mm

CODE	PIN TYPE	GRADE	CTN
SSBH10075	FIXED PIN	304	50 Only
SSBH10075L	FIXED PIN	304	20 Only
SSBH10075-E (Suitable for Powdercoating)	FIXED PIN	304	20 Only
SSBH7650	FIXED PIN	304	20 Only
SSBH8560	FIXED PIN	304	20 Only
SSBH100100	FIXED PIN	304	50 Only
SSBH100125	FIXED PIN	304	10 Only
SSBH100150	FIXED PIN	304	6 Only
SSBH100200	FIXED PIN	301	1 Only
SSBH10075-316	FIXED PIN	316	6 Only

**NOTE!**  
All Stainless Steel Butt Hinges  
Are Sold As Only

STAINLESS STEEL BEARING



Ball Bearing

TYPE	A	B	C
SSBH10075BB	100mm	75mm	3.0mm
SSBH100100BB	100mm	100mm	2.5mm
SSBH100100BB-J	100mm	100mm	3.0mm
SSBH200100BB	100mm	200mm	3.5mm

CODE	PIN TYPE	GRADE	CTN
SSBH10075BB	FIXED PIN BALL BEARING	304	50 Only
SSBH100100BB	FIXED PIN BALL BEARING	304	50 Only
SSBH100100BB-J	FIXED PIN BALL BEARING	304	20 Only
SSBH200100BB	FIXED PIN BALL BEARING	304	1 Only

**NOTE!**  
All Stainless Steel Butt Hinges  
Are Sold As Only

HIRLINE

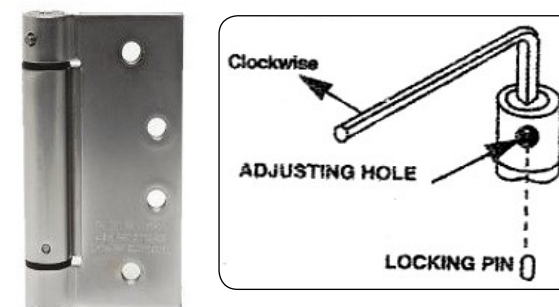


SSHBB10060 Stainless Steel

TYPE	A	B	C
SSHBBH10060A	100mm	68mm	54mm
SSHBBH10060T	100mm	68mm	54mm
DHHC120CA	130mm	85mm	65mm
DHHC130BK	130mm	85mm	65mm

CODE	DESCRIPTION	CTN
SSHBBH10060A	ALUMINIUM DOORS STAINLESS STEEL 304	20 Only
SSHBBH10060T	TIMBER DOORS STAINLESS STEEL 304	20 Only
DHHC130CA	ANODIZED FIXED PIN ALUMINIUM	10 Each
DHHC130BK	BLACK FIXED PIN ALUMINIUM	10 Each

SPRING BUTT

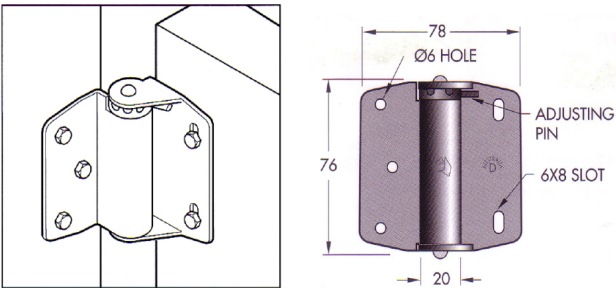


CODE	DESCRIPTION	CTN
SBH-1SC	ADJUSTABLE TENSION BY HEX KEY SATIN FINISH LOAD RATED TO 38 kg PAIR 3 HINGES 50kg	1 Pair

BUTT HINGES

HINGES

BUTTERFLY HINGES

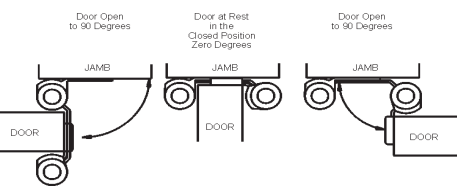


CODE	DESCRIPTION	CTN
BFHI	ADJUSTABLE TENSION GATE ZINC PLATED	20 Pair
SSBFHI	ADJUSTABLE TENSION GATE RATED 80Kg BRUSHED FINISH STAINLESS STEEL	20 Pair

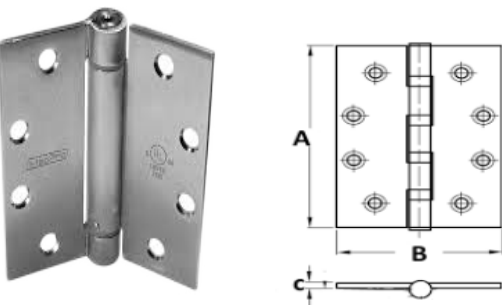
DOUBLE ACTION



Top View of Double Acting Spring Hinge Operation



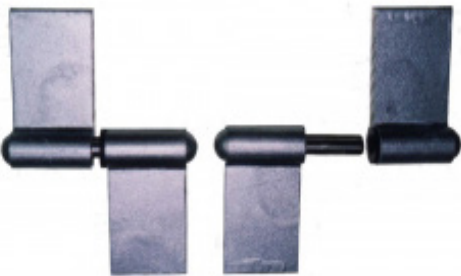
CODE	DESCRIPTION	CTN
SSDAH04-5SN	HEAVY DUTY 125mm SATIN NICKEL PERMITS DOORS TO OPEN EITHER DIRECTION AND AUTOMATICALLY RETURN TO CLOSED POSITION. ONLY ADJUST TENSION AFTER DOOR HAS BEEN FITTED	1 Pair



SS8114	ADJUSTABLE SPRING ACTION. RATED 38kg Pair STAINLESS STEEL 304	1 Pair
--------	---	--------

TYPE	A	B	C
SS8114	100mm	100mm	3.0mm

HINGE ELBOW



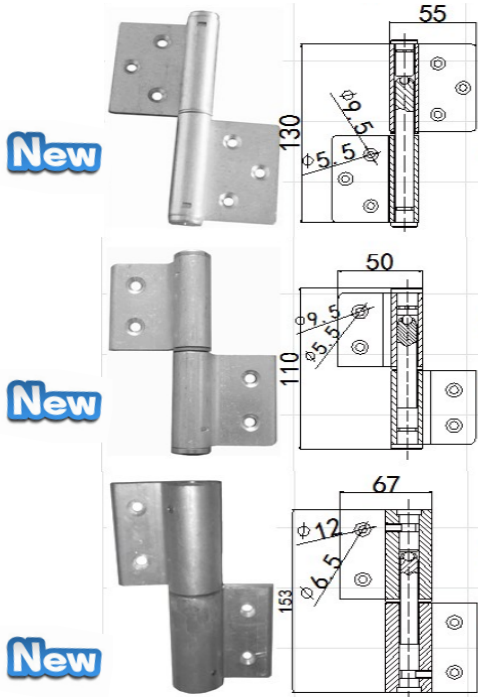
WH90150

SLEEVED HINGE WITH  
PVC INSERT  
LIGHT DUTY

CODE	DESCRIPTION	CTN
WH90150R	ALUMINIUM ELBOW HINGE 90x150mm RIGHT HAND	1 Pair
WH90150L	ALUMINIUM ELBOW HINGE 90x150mm LEFT HAND	1 Pair
WH80100R	ALUMINIUM ELBOW HINGE 80x100mm RIGHT HAND	1 Pair
WH80100L	ALUMINIUM ELBOW HINGE 80x100mm LEFT HAND	1 Pair

HINGES

HINGES

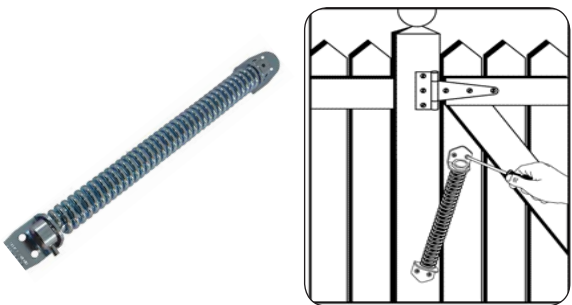


CODE	DESCRIPTION	CTN
MS-130-L	CENTER PIN LIFT OFF 130mm STEEL HINGES LEFT	10 Pair
MS-130-R	CENTER PIN LIFT OFF 130mm STEEL HINGES RIGHT	10 Pair
MS-110-LA	CENTER PIN 110mm ALUMINIUM LEFT	10 Pair
MS-110-RA	CENTER PIN 110mm ALUMINIUM RIGHT	10 Pair
MS-153-LA	CENTER PIN 153mm ALUMINIUM LEFT	10 Pair
MS-153-RA	CENTER PIN 153mm ALUMINIUM RIGHT	10 Pair



CODE	DESCRIPTION	CTN
MS-13-AR	ANODISED 78mm SELF CLOSE RIGHT	5 Pair
MS-13-AL	ANODISED 78mm SELF CLOSE LEFT	5 Pair
MS-13-BK-R	BLACK 78mm SELF CLOSE RIGHT	5 Pair
MS-13-BK-L	BLACK 78 mm SELF CLOSE LEFT	5 Pair
MS-18-AR	ANODISED 78mm SELF CLOSE RIGHT	5 Pair
MS-18-AL	ANODISED 78mm SELF CLOSE LEFT	5 Pair

SPRING COIL



CODE	DESCRIPTION	CTN
SPRING COIL	SPRING COIL ADJUSTABLE 360mm LONG ZINC PLATED	1 Only