



TRACTOR ATTACHMENT & HITCH SYSTEMS



Agricultural 3 Point Linkage & Rear Hitch Systems

TAS CATALOGUE



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Version 4.0 TAS

Australian Edition

Tractor Attachment Systems

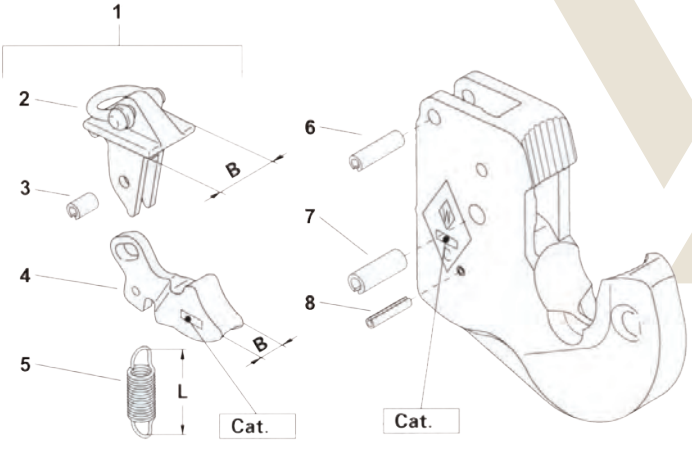
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HOOK SET & COMPONENTS

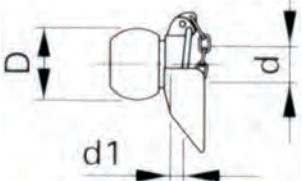
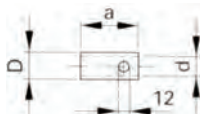
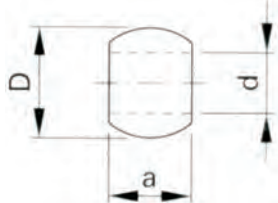
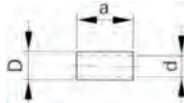
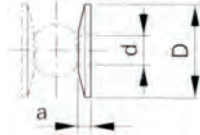
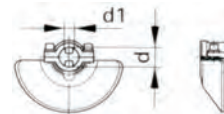
			Cat 1 (55HP)	Cat 2 (100HP)	Cat 3L (125HP)	Cat 3 (225HP)	Cat 4 (400HP)
							
Complete Hook Set	Set includes:		200325	200050	200051	200052	200053
Hook for Lower Link		2	200182	200016	200018	200020	309746
Spacer		1	084734	084734	084734	090243	-
Ball guide Cone		2	305209 (Cat 1)	099032 (Cat 2)	099035 (Cat 3/2)	099035 (Cat 3/2)	-
Adaptor Bush		2	-	082651 (Cat 1/2)	-	-	-
Lower Ball Bush		2	305051 (Cat 1)	308800 (Cat 2)	309246 (Cat 3/2)	309246 (Cat 3/2)	306330 (Cat 4) 200049 (Cat4/3)
Release Cable		1	305393 (L = 3.5m)	305393 (L = 3.5m)	305393 (L = 3.5m)	305451 (L = 4.0m)	
Double Clamp		1	305432	305432	305432	305432	
Double Eye		2	098647	098647	098647	098647	
Electrodes		1	094008	094008	094008	094008	3 x 094008

HOOK SPARE PARTS

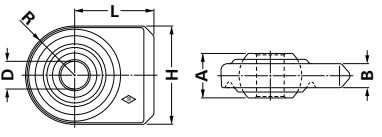
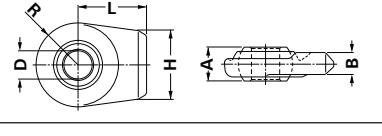
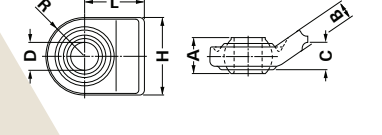
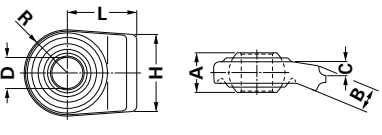
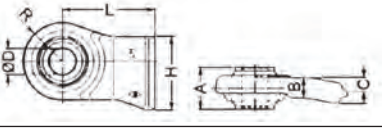
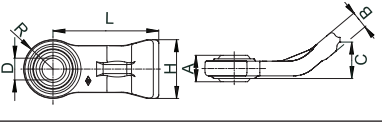
		Ref	Description	Cat	Dimension	Part Number
	1	1	Latch Kit	1,2		200001
				3L, 3		200002
				4		309751
	2	2	Actuation cover	1,2	B = 34	200029
				3L, 3	B = 38	200030
				4	B = 50	200031
	3	3	Spring type - straight pin	1,2	8x16	308511
				3L, 3	8x18	309988
				4	10x24	020608
	4	4	Latch	1,2	B = 16	308515
				3L, 3	B = 18	309758
				4	B = 24	309352
	5	5	Tension Spring	1,2	L = 46.8	308524
				3L, 3	L = 46.8	308524
				4	L = 65	309755
	6	6	Spring type - straight pin	1	10x28	200274
				2	10x32	099432
				3L, 3	10x36	308520
	7	7	Spring type - straight pin	4	13x50	304299
				1	10x28	200274
				2	10x32	099432
	8	8	Spring type - straight pin	3L, 3	13x36	099599
				4	18x50	306342
				1	6x22	305049
				2	6x28	010486
				3L, 3	6x32	099435
				4	8x45	306345

Recommended Note:

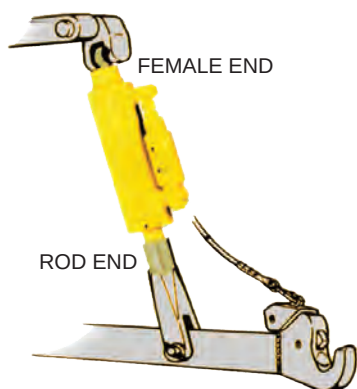
- The latch kit should always be relaced as a complete unit.
- Ref 3 install as shown (slot downwards).

HOOK ACCESSORIES							
Description	CAT		Dimension			Part Number	
	Hook	Implement Side					
Ball guide cone (inc pin)			D	d	d1		
	1	1	44	22.4	12	305209	
	2	2	56	28.7	12	099032	
	3	2	64	28.7	12	099035	
	3	3	64	37.3	12	099034	
	3	3	64	37.3	17	099033	
Linch pin				L	d1		
		1		45	12	200322	
		2		52	12	305855	
		3		61	17	305854	
Adaptor bush for ball guide cone			D	d	a		
	2	1 / 2	28	22.4	63	082651	
	3	2 / 3	37	28.7	62	305281	
Lower ball bush for implement pins with all-side bearings			D	d	a		
	1	1	44	22.4	35	305051	
	2	2	56	28.7	45	308800	
	3	2	64	28.7	45	309246	
	3	3	64	37.3	45	308801	
	3	3	64	37.3	45	202332*	
	4	3	85	37.3	57	200049	
	4	4	85	51.0	57	306330	
Adaptor bush for lower ball bush			D	d	a		
	2	1 / 2	28	22.4	45	305279	
	3	2 / 3	37	28.7	45	305280	
Spacer washer for lower implement pins with all-side bearings			D	d	a		
		2	90	28.7	13.5	305753	
		3	100	37.3	13.5	305754	
		4	125	51.0	18.5	306422	
Spacer	1, 2, 3L		L = 555 - 735			084734	
	3		L = 555 - 860			090243	
Guide Rod	1, 2, 3L		L = 292			088202	
	3		L = 417			099416	
Tension Spring			L = 500			088099	
Spring pin				dia 4		088205	
Guide Cone (inc pin)				d	d1		
		2		28.7	12	082646	
Clamp-type guide cone				d	d1		
		2		28.0	12	089714	
		3		36.6	17	089716	
		4		50.8	17	204371	
Welding fixture	1, 2, 3L, 3	1, 2, 3L, 3				090940	
Lower release cable Double clamp Double eye Set of special electrodes	refer to Hook Set Components section						* Hardened and Tempered

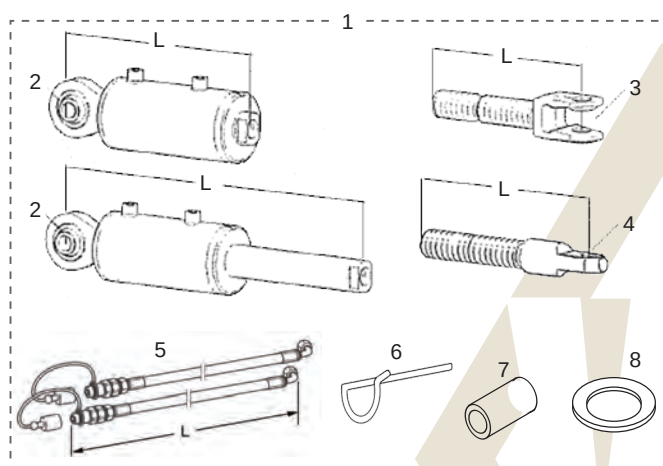
WELD ON BALL ENDS

CAT	Dimension							Part Number	Installing Walterscheid Ball End Stick Weld (using Walterscheid Electrodes Part. 094008) or gas shielded arc welding only. An anhydrogenous high-strength, deep penetration weld is required.
	Ø D	A	L	H	R	B	C		
1	22.1	35	60	70	35	18	-	307547	
2H	28.4	45	75	90	42.5	22	-	306832	
3/2	28.1	45	80	100	50	25	-	307342	
3/2H	28.4	45	80	100	50	25	-	306382	
3H	37	45	80	100	50	25	-	306332	
3	32	51	80	100	50	25	-	308187	
2	26.2	35	70	70	42.5	22	-	307196	
2H	28.4	35	70	70	42.5	22	-	306383	
3	37	47.5	80	100	50	25	32	308762	
3	37	45	80	90	50	25	20	200438	
1/2	28.7	30.73	100.3	-	38	17.6	-	200911	
3	37	45	80	100	50	25	37	201505	
3	29	45	80	100	50	25	37	201506	
3/2	28	45	80	90	50	25	20	202296	
2	28.4	45	80	90	45	25	17	307339	
4	45	57	100	110	63.5	32	28	309303	
4H	45.4	52	100	110	63.5	32	28	205804	
4H	51	45	80	113.5	39	33	28	204335	
3	30	45	80	90	50	30	16	308756	
3	37	47.5	80	90	50	30	16	308806	
3H	37	45	80	90	50	30	16	307427	
3H	37	45	80	75	50	30	16	306665	
2H	28.4	45	100	80	42.5	22	16	309559	
2H	28.4	45	100	80	42.5	22	16	309560	
2	28	45	120	90	42.5	22	-	200750	
3	37	51	120	90	50	22	-	200752	
3	37	45	180	100	50	30	73.3	205512	
3H	37	50	180	100	50	30	73.3	206245	

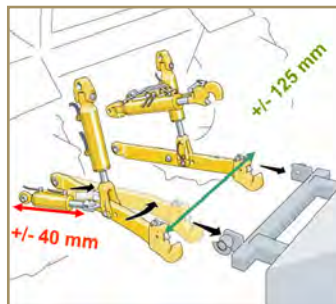
*Note: Other Weld on Ball Ends Variations available

HYDRAULIC LIFT LINK


Cat	Length	Part Number
Cat 3	430 - 585	306222
(Supplied with screw on Weldable Ends & Loctite)		
Rod end	M36x3	306215
Female end	M33X2	306216
Cat	Dia - Length	Part Number
Shank	M36x3	306022
Nut	M36x3	306373
Roll Pin	6x45	61.04.01

HYDRAULIC SIDE SHIFT


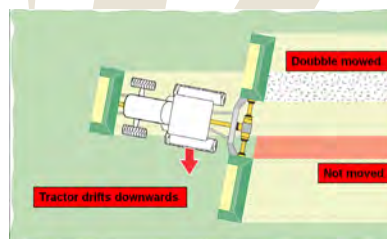
Ref	Description	L / size (mm)	Part Number
1	Hyd. Side Shift Complete Kit (Max Working Length 420 - 650)	310	203508
	Hyd. Side Shift Complete Kit (Max Working Length 650 - 900)	340	203509
2	Hyd Cylinder	310	203060
	Hyd Cylinder	340	203485
3	Fork Rod	370	203495
4	Rod Head	370	203497
5	Hyd Hose Kit	1500	203498
6	Lock Spring	-	203496
7	Adapter bush Cat 2-1	-	082649
8	Spacer Washer	26x44x4	200647
		21x37x2	309253

Hydraulically Adjustable Stabilizer HVST


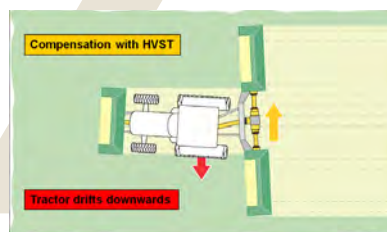
The Hydraulically adjustable stabilizer gives the opportunity to side shift the complete 3 point linkage including any implement laterally up to +/- 250mm.

Therefore as an example for front and rear mower combination results in:

- Much better overlapping during curved driving
- Much better overlapping at slope mowing (anti-shift)
- Much better adjusting of implements along obstacles.



Example:
Slope moving without any anti-drift system.



Example:
Slope moving with the hydraulically adjustable stabilizer HVST


Function:

The hydraulically adjustable stabilizer allows the following lateral movement (side-shift):

- Stabilizer: +/- 40mm*
- Lower Link: +/- 125mm*
- Implement: +/- 250mm*

The HVST is installed into the same area as our market leading automatic stabilizer the ASST-B. The hydraulics are connected to and operated by a double acting SCV.



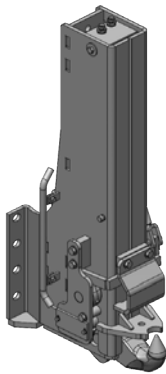
LOWER LINK STABILISER & COMPONENTS

  			KIT COMPONENTS							
										
TRACTOR MAKE / MODEL			COMPLETE KIT	Body	Fork Rod Rod Head Eye Bolt	F R E	Link Kit Fork Rod Kit	LK FK	Chain Kit	Optional Mounting Bracket
CASE	633,644,745,946,1055,1056,		309021/99	309021	308959	R			309099	
	844		309021/49	309021	309014	R			309099	
	12,551,455		309021/09	309021	308960	R			309099	
	CS110,120,130,150 Steyr 9105,9115,9125,9145		309381/859	309381	309008	F	201025	LK	309099	
	MX80,90,100,110,120,135		309200/569	309200	309445	R	201026	FK	201029	
	MX150,170		309021/979	309021	308739	R	201027	FK	201029	
	Maxxum 5120,5130,5140,5150		309200/562	309200	309445	R	201026	FK	309392	
CLAAS	Xerion 2500,3000		309381/79	309381	308817	F			309099	
DEUTZ-FAHR	Agroplus 75,85,95,100		309021/259	309021	200292	F	201025	LK	201029	
	Agrostar 6.05,6.11,6.31,6.38,6.61, Agratron 6.06 Agroextra 6.07 6.17		309100/05	309100	308350	R			309115	
	Agrotron 80,85,90,95,100,105,4.7,4.85, 4.90,4.95,6.01 DX6.10,6.30,6.50		309100/89	309100	308968	F			201029	
	Agrotron 106,110,120,135,150,160,180, 6.0,6.05,6.15,6.16,6.20,6.30,6.45		309381/99	309381	308769	F			201029	
	Agrotron 200,230,260		201967/359	201967	309963	F	201035	LK	201029	
	DX3.05,3.60,3.65,4.07,6.71,6.81		309381/159	309381	308481	F	201025	LK	201029	
	DX MHR&EHR 4.31,4.47,4.51,4.56,4.57		309100/379	309100	309113	F	201037	LK	201029	309073 (left) 309072 (right)
	DX MHR&EHR 4.61,4.68,4.71,4.78,6.06,6.07		309100/669	309100	309116	F	201036	LK	201029	309069 (left) 309068 (right)
	DX MHR 4.70,6.05		309100/769	309100	309117	F	201036	LK	201029	309069 (left) 309068 (right)
	DX MHR 6.50,6.60		309100/05	309100	308350	R			309115	
FENDT	Favorit 816,818,822,824		309381/42	309381	309384	R			309392	309119 (left) 309118 (right)
JCB	JCB 2115,2125,3135,3155,3185		201967/639	201967	308546	F	201033	LK	201029	

LOWER LINK STABILISER & COMPONENTS

TRACTOR MAKE / MODEL		COMPLETE KIT	Body	Fork Rod	F	Link Kit	LK	Chain Kit	Optional Mounting Bracket
				Rod Head	R	Fork Rod			
				Eye Bolt	E	Kit	FK		
JOHN DEERE	2850	309021/63	309021	309116	F	-		309213	-
	3040, 3140, 3640, 3650	309021/89	309021	200788	R	-		201029	-
	3100,3110R,3200,3210R,3300,3310R,3400,3410R	309307/88	309307	309308	R	-		309358	-
	5000 series	309307/48	309307	309394	R	-		309358	-
	6000 series	309200/643	309200	308596	F	201024	LK	309213	309188 or 309189 (left&right)
	7000 series	309201/653	309201	308596	F	201035	LK	309213	309186 (left&right)
	8000 series	308943/9	308943	*		-		309099	-
LAMBORGHINI	Champion 120,135,150 Racing 150,165,190, Hi Per	309381/859	309381	308138	F	201025	LK	201029	-
	Premium 1050,1060,850,950	309021/259	309021	200292	F	201015	LK	201029	-
	Victory 230,260	201967/359	301967	309963	F	201035	LK	201029	-
MC CORMACK	CX90,100	309200/569	309200	309445	R	201026	LK	201029	-
	CX155 MTX200	309021/99	309021	308739	R	-		201029	-
MASSEY FERGUSON	3065, 3070, 3075, 3085	309100/639	309100	308596	F	201033	LK	201029	-
	3120	309381/659	309381	309116	F	201025	LK	201029	-
	4270	309200/369	309200	309963	F	201036	LK	201029	-
	6180, 6245, 6255, 6270, 6290	309100/659	309100	308596	F	201025	LK	201029	-
	81,708,180	201967/439	201967	308934	F	201033	LK	201029	-
	8250, 8260, 8270, 8280	309381/459	309381	308934	F	201035	LK	201029	-
	8460	309100/679	309100	308596	F	201037	LK	201029	-
NEW HOLLAND	G170,G210,8650,8970	309381/419	309381	308434	F	201031	LK	201029	-
	L60,65,75,85,95,4635,4835,5635,6635,7635	309021/408	309021	309394	R	201030	FK	309398	-
	M MHR 100,115,135,160,165 MHR 8160,8260, 8360,8560 TM 115,125,135,150,165	309100/409	309100	200284	R	201030	FK	201029	-
	TL100	309021/669	309021	309116	F	201036	LK	201029	-
	TS90,100,110,115	309021/369	309021	309113	F	201036	LK	201029	-
	Winner EHR F100,110,115,120,130,140	309021/309	309021	309393	R	201030	FK	201029	-
RENAULT	Ares 500,600,700	201967/439	201967	308934	F	201033	LK	201029	-
	Ceres 65,75,75X,85,85X,95,95X	309307/88	309307	309308	R	-		309358	-
SAME	Diamont 230,260	201967/359	201967	309963	F	201035	LK	201029	-
	Rubin 120,135,150 SuperTitan,Titan // 150,165,190, Titan 145,160,190	309381/859	309381	308138	F	201025	LK	201029	-
	Silver 80,90,100.4,100.6	309021/259	309021	200292	F	201025	LK	201029	-
VALTRA		201960	All included in Complete Kit						-

TELEHANDLER VERTICAL HITCH



Part Number	Application / Description
00.400.00.1	Claas Scorpion / Liebherr
00.400.05.0	Claas Scorpion / Liebherr (with sensor monitoring device)
422854	JCB
* Note: Hydraulic option shown, manual option is also available on request.	



HYDRAULIC TOP LINKS



Hydraulic Top Link Options with:	EYEBALL to HOOK	SWIVEL FORK END to HOOK	SWIVEL FORK END to EYEBALL	SWIVEL FORK END to HOOK with intergrated shock absorber	SWIVEL FORK END to FORK END
					
Available with different connecting dimensions and adjustment ranges	Cat. 2/63 Cat. 3/70	Cat. 2/63 Cat. 3/70 Cat. 3/90* Cat. 4/120	Cat. 4/3 120	Cat. 3/70DS Cat. 3/105DS Cat. 4/130DS	Cat. 4/120
Equipped with the original Walterscheid hook	✓	✓		✓	
Convenient operation by cable	✓	✓		✓	
Wide range of accessories	✓	✓	✓	✓	✓
Long service life	✓	✓	✓	✓	✓
Components can be replaced separately	✓	✓	✓	✓	✓
Valve block protected by special, reinforced retainer		✓	✓	✓	
Optional also with integrated valve block		✓ *			
Versatile use due to interchangeable swivelling forkend		✓	✓	✓	✓

* Cat. 3/90 only

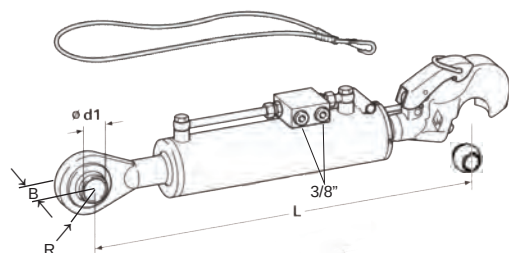
Important note:

Some tractor types do not offer enough space for top links with eyeball in the tractor-side mount. Top links with swivelling fork ends should be used in these cases.

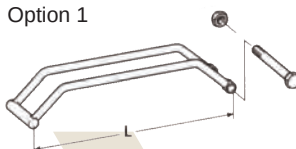


HYDRAULIC TOP LINK: INTEGRAL EYEBALL + HOOK (Implement Side)

Important Note: some tractor types do not have enough space for the top links with eyeball on the tractor side.
Top links with fork ends should be used in these cases.



Option 1



Option 2

Top Link Includes

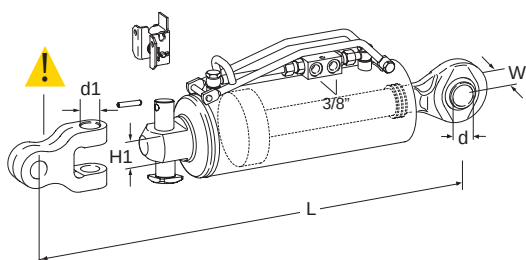
Cat	Description	Part Number
ALL	Release Cable	305453
2 / 63	Ball Bush	099042
3 / 70	Ball Bush	099044

Tractor Power (max.)	Cat / Type	Length	Stroke	d1	B	R	Part Number
90 Hp	2 / 63	567 - 747	180	25.4	51	40	203550
		617 - 847	230	25.4	51	40	203551
140 Hp	3 / 70	626 - 836	210	25.4	51	48	203552
				32.2	51	48	203553
		666 - 916	250	25.4	51	48	203554
				32.2	51	48	203555

OPTIONAL ACCESSORIES

Option 1	Retainer for Top Link with stroke 180 / 210	L = 325	202526
Option 1	Retainer for Top Link with stroke 230 / 250	L = 365	202525
Option 2	Hydraulic Hose Kit with Quick-Fitting couplings	L = 950	202527

HYDRAULIC TOP LINK: FORK END + EYEBALL (Implement Side)



Option 2

Top Link Includes

Cat	Description	Part Number
4-3 / 120	Support Clip	308347

Tractor Power (max.)	Cat / Type	Length	Stroke	W	d	d1	H1	Part Number
300 Hp	4-3 / 120	669 - 892	223	51	32.2	32.2	55.5	205129
				51	37.3	32.2	55.5	205130

OPTIONAL ACCESSORIES

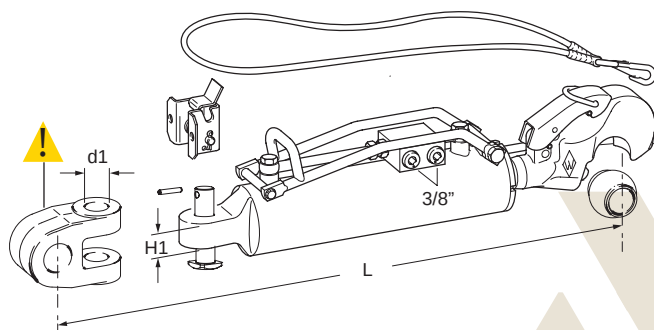
Option 2	Hydraulic Hose Kit with Quick-Fitting couplings	L = 950	202527
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WHEN ORDERING PLEASE NOTE:

All Hydraulic Top Links to suit Fork End (Tractor Side) Part Numbers do not include the Fork End. Refer to Fork Section (Page 25) for desired end and order separately.

HYDRAULIC TOP LINK: FORK END + HOOK (Implement Side)



Top Link Includes		
Cat	Description	Part Number
All	Release Cable	307612
2	Ball Bush	099042
3 / 70	Ball Bush	099044
3 / 90	Ball Bush	099043
4	Ball Bush	204783
4 / 3	Ball Bush	205125
ALL	Support Clip	308347

Tractor Power (max.)	Cat / Type	Length	Stroke	d1	H1	Part Number
100 Hp	2 / 63	550 - 730	180	20.2	27.5	309534
		600 - 830	230	20.2	27.5	309535
150 Hp	3 / 70	575 - 760	185	25.2	39.5	203020
		612 - 797*	185	25.2	39.5	203020
		600 - 785	185	25.2	39.5	309536
		637 - 822*	185	25.2	39.5	309536
		665 - 915	250	25.2	39.5	309537
		702 - 952*	250	25.2	39.5	309537
200 Hp	3 / 90	590 - 775	185	25.2	39.5	203021
		627 - 812*	185	25.2	39.5	203021
		625 - 810	185	25.2	39.5	309538
		662 - 847*	185	25.2	39.5	309538
		700 - 950	250	25.2	39.5	309539
		737 - 987*	250	25.2	39.5	309539
250 Hp	3 / 90	629 - 814	185	28.2	55.0	204484
		704 - 954	250	28.2	55.0	204404
400 Hp	4 / 120	704 - 887	183	32.1	55.5	205131
		769 - 1017	248	32.1	55.5	205132

* Length is determined by using the 100mm Long Fork End

OPTIONAL ACCESSORIES

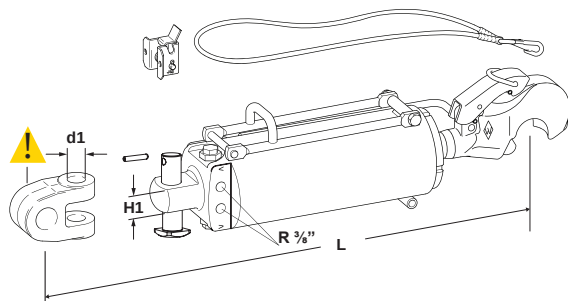
Option 2	Hydraulic Hose Kit with Quick-Fitting couplings	L = 950	202527
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WHEN ORDERING PLEASE NOTE:

All Hydraulic Top Links to suit Fork End (Tractor Side) Part Numbers do not include the Fork End. Refer to Fork Section (Page 25) for desired end and order separately.

HYDRAULIC TOP LINK: FORK END + HOOK (Implement Side) WITH INTEGRAL CHECK VALVE



Top Link Includes		
Cat	Description	Part Number
3 / 90	Release Cable	307612
	Support Clip	308347
	Ball Bush	099043

Tractor Power (max.)	Cat / Type	Length	Stroke	d1	H1	Part Number
200 Hp	3 / 90	625-810	185	25.2	39.5	206176
		662-847*				206176
		700-950	250			206177
		737-987*				206177

* Length is determined by using the 100mm Long Fork End

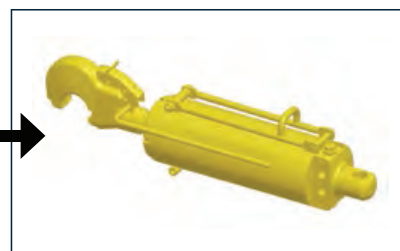
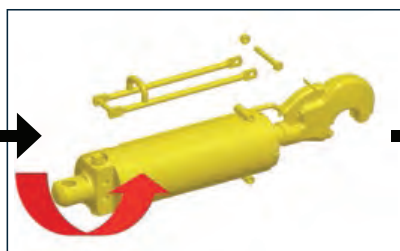
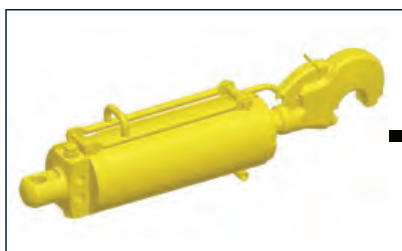
OPTIONAL ACCESSORIES

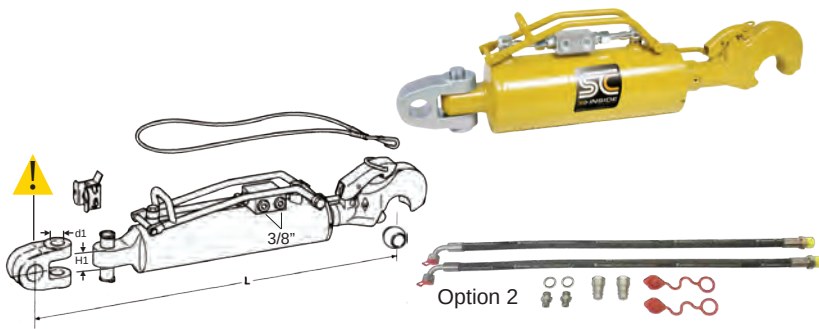
Option 2	Hydraulic Hose Kit with Quick-Fitting couplings	L = 950	202527
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WHEN ORDERING PLEASE NOTE:

All Hydraulic Top Links to suit Fork End (Tractor Side) Part Numbers do not include the Fork End. Refer to Fork Section (Page 25) for desired end and order separately.



**HYDRAULIC TOP LINK: FORK END + HOOK (Implement Side)
WITH INTEGRATED SHOCK ABSORBER**


Top Link Includes		
Cat	Description	Part Number
All	Release Cable	305453
3 / 70	Ball Bush	099044
3 / 105	Ball Bush	099043
4	Ball Bush	204783
4 / 3	Ball Bush	205125
ALL	Support Clip	308347

Tractor Power (max.)	Cat / Type	Length	Stroke	d1	H1	Part Number
100 Hp	3 / 70DS	600 - 785	185	25.2	39.5	207238
		637 - 822*	185	25.2	39.5	207238
		665 - 915	250	25.2	39.5	207239
		702 - 952*	250	25.2	39.5	207239
200 Hp	3 / 105DS	625 - 810	185	25.2	39.5	207240
		662 - 847*	185	25.2	39.5	207240
		700 - 950	250	25.2	39.5	207241
		737 - 987*	250	25.2	39.5	207241
250 Hp	3 / 105DS	672 - 857	185	32.2	55.5	207875
		747 - 997	250	32.2	55.5	207876
400 Hp	4 / 130DS	702 - 887	185	32.2	55.5	207242
		767 - 1017	250	32.2	55.5	207243

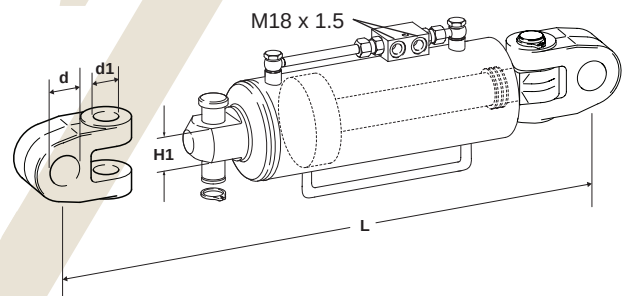
* Length is determined by using the 100mm Long Fork End

OPTIONAL ACCESSORIES

Option 2	Hydraulic Hose Kit with Quick-Fitting couplings	L = 950	202527
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WHEN ORDERING PLEASE NOTE:

All Hydraulic Top Links to suit Fork End (Tractor Side) Part Numbers do not include the Fork End. Refer to Fork Section (Page 25) for desired end and order separately.

HYDRAULIC TOP LINK: FORK END ON BOTH ENDS


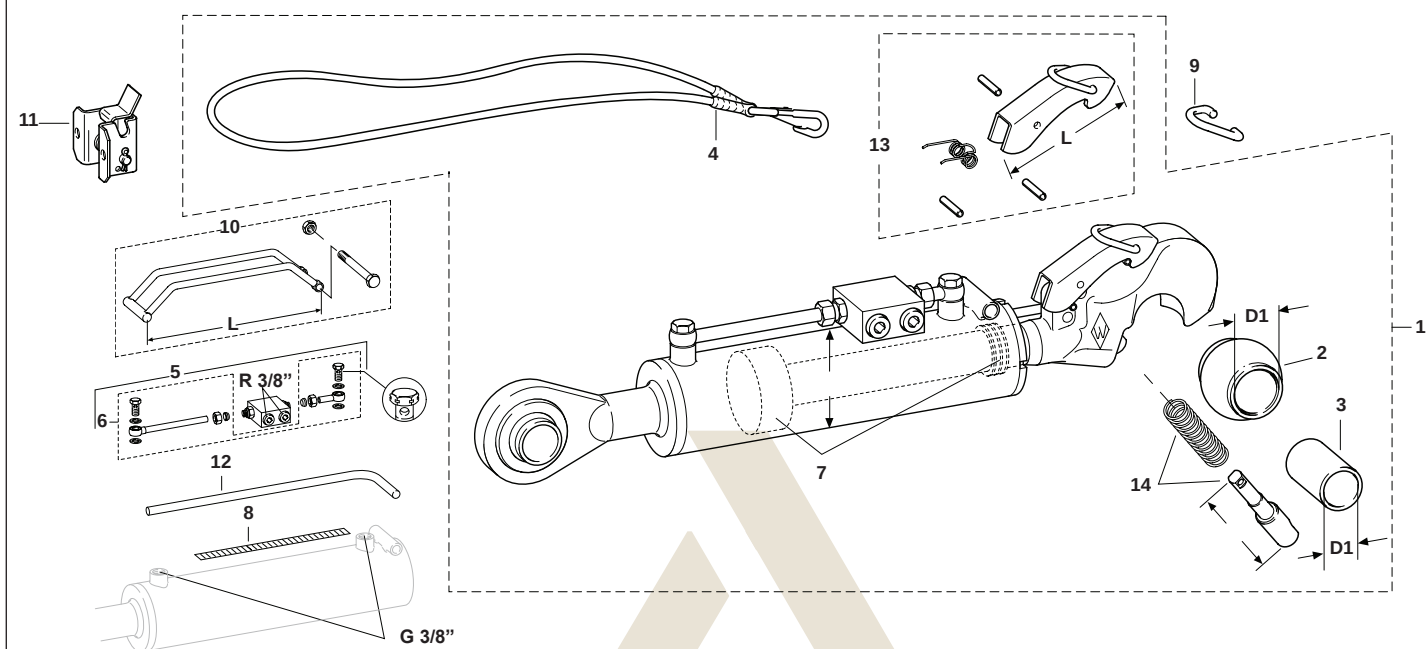
Top Link Includes		
Cat	Description	Part Number
	Fork Ends	204060

Tractor Power (max.)	Cat / Type	Length	Stroke	d	d1	H1	Part Number
400 Hp	4 / 120	706-879	173	45.2	32.2	55.5	206010

OPTIONAL ACCESSORIES

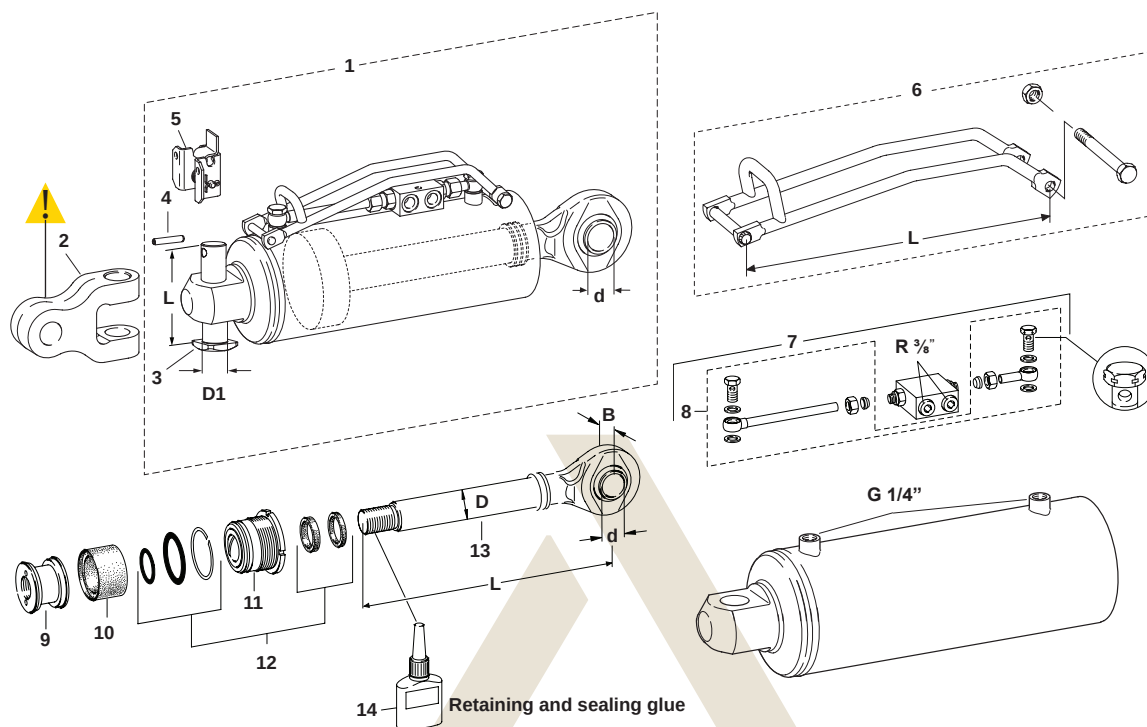
Option 2	Hydraulic Hose Kit with Quick-Fitting couplings	L = 950	202527-1
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COMPONENTS: HYDRAULIC TOP LINK: INTEGRAL EYEBALL & HOOK



Item	Description	Cat	Type	D1 mm	L mm	Stroke	Technical Data	Part Number
1	Top Link	All						Refer page 10
2	Ball Bush	2		25.7			Ø 50 x Ø 25.7	099042
		3/2		25.7			Ø 60 x Ø 25.7	099044
		3		32.2			Ø 60 x Ø 32.2	099043
		3HD		32.2			Ø 60 x Ø 32.2	202484
3	Adaptor Bush	1/2		19.4			Ø 25 x Ø 19.4	082649
		2/3		25.7			Ø 32 x Ø 25.7	305278
4	Release Cable	All					L = 1800	305453
5	Non-Return Valve complete with fittings	All						202958
6	Hyd Fittings (12L Pipe & 3/8" BSPP Banjo)	All						202959
7	Sealing Kit	2/63						202956
		3/70						202957
8	Marking Label				181			309530
					241			305934
9	Clip	All						099015
10	Retainer	All			325			202526
					365			202525
11	Support Clip	All						308347
12	Marking Rod	All			391			309520
13	Release Lever Kit	2/63			98			306841
		3/70			115			306842
14	Locking Pin + Spring	2/63			109			305767
		3/70			119			305765

COMPONENTS: HYDRAULIC TOP LINK: FORKEND & EYEBALL

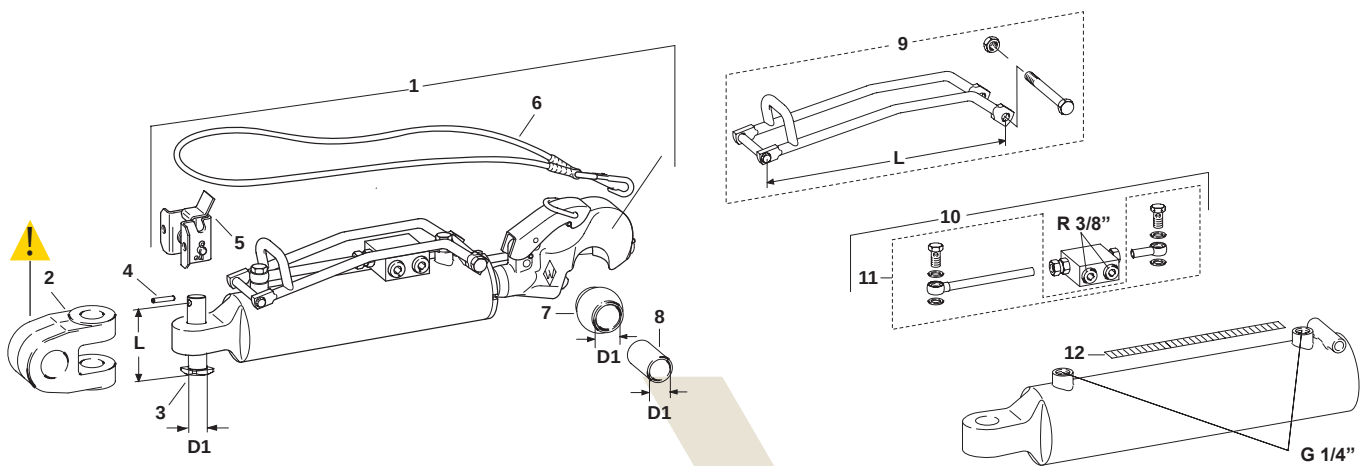


Item	Description	Cat / Type	D mm	d mm	D1 mm	B mm	L mm	Stroke	Technical Data	Part Number
1	Top Link	4-3/120								Refer page 10
2	Fork End	4-3/120								Refer page 25
3	Bolt + Roll Pin				32		112			201577
4	Roll Pin								Ø 8x45	207070
5	Support Clip									308347
6	Retainer						340			203617
7	Non-Return Valve complete with fitting									202194
8	Hyd Fittings (12L Pipe & 1/4" BSPP Banjo)									202195
9	Piston								M42x2	204066
10	Piston Seal									203435
11	Cylinder Cover								M125x2	204068
12	Sealing Kit									203620
13	Piston Rod Complete		50	32.2		51	472	223	M42x2	204296
				37.3						204295
14	Glue								Omnifit Seal 58H	304833


WHEN ORDERING PLEASE NOTE:

All Hydraulic Top Links to suit Fork End (Tractor Side) Part Numbers do not include the Fork End. Refer to Fork Section (Page 25) for desired end and order separately.

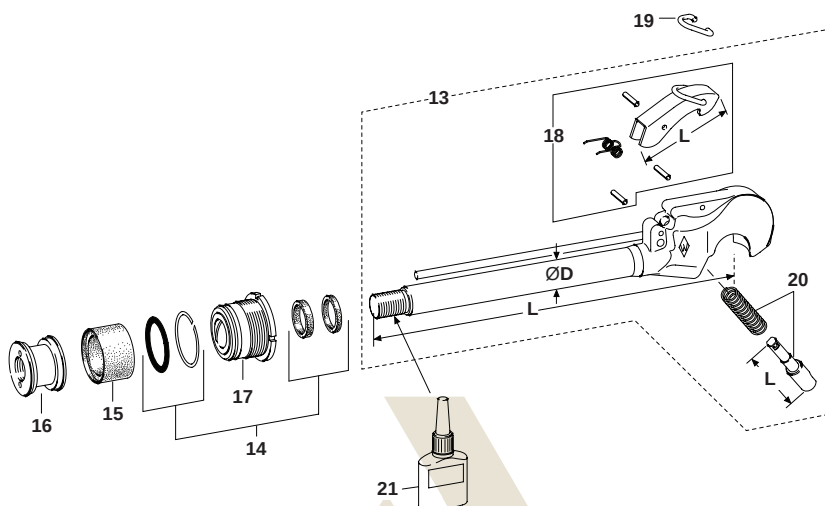
COMPONENTS HYDRAULIC TOP LINK: FORK END + HOOK



Item	Description	Cat	Type	D (mm)	D1 (mm)	Length L (mm)	Stroke (mm)	Technical Data	Part No.
1	Top Link	All							Refer page 11
2	Fork End	All							Refer page 25
3	Bolt & Roll Pin	2/63			20	71			207071
		3/70+3/90	200 HP		25	100			206750
		3/90	250 HP		28	127.3			205750
		4/120			32	112			201577
4	Roll Pin	All						Ø 8x45	207070
5	Support Clip	All							308347
6	Release Cable	All						L = 1750	307612
7	Ball Bush	2			25.7			Ø 50 x Ø 25.7	099042
		3/2			25.7			Ø 60 x Ø 25.7	099044
		3			32.2			Ø 60 x Ø 32.2	099043
		3HD			32.2			Ø 60 x Ø 32.2	202484
		4/3HD			32.2			Ø 78 x Ø 32.2	205125
		4HD			45.2			Ø 78 x Ø 45.2	204783
8	Adapter Bush	1/2			19.4			Ø 25 x Ø 19.4	082649
		2/3			25.7			Ø 32 x Ø 25.7	305278
9	Retainer	All				285			203616
						340			203617
10	Non-Return Valve complete with fitting	All							202194
11	Hyd Fittings (12L Pipe & 1/4" BSPP Banjo)	All							202195
12	Marking Label	All						L = 181	309530
								L = 241	305934

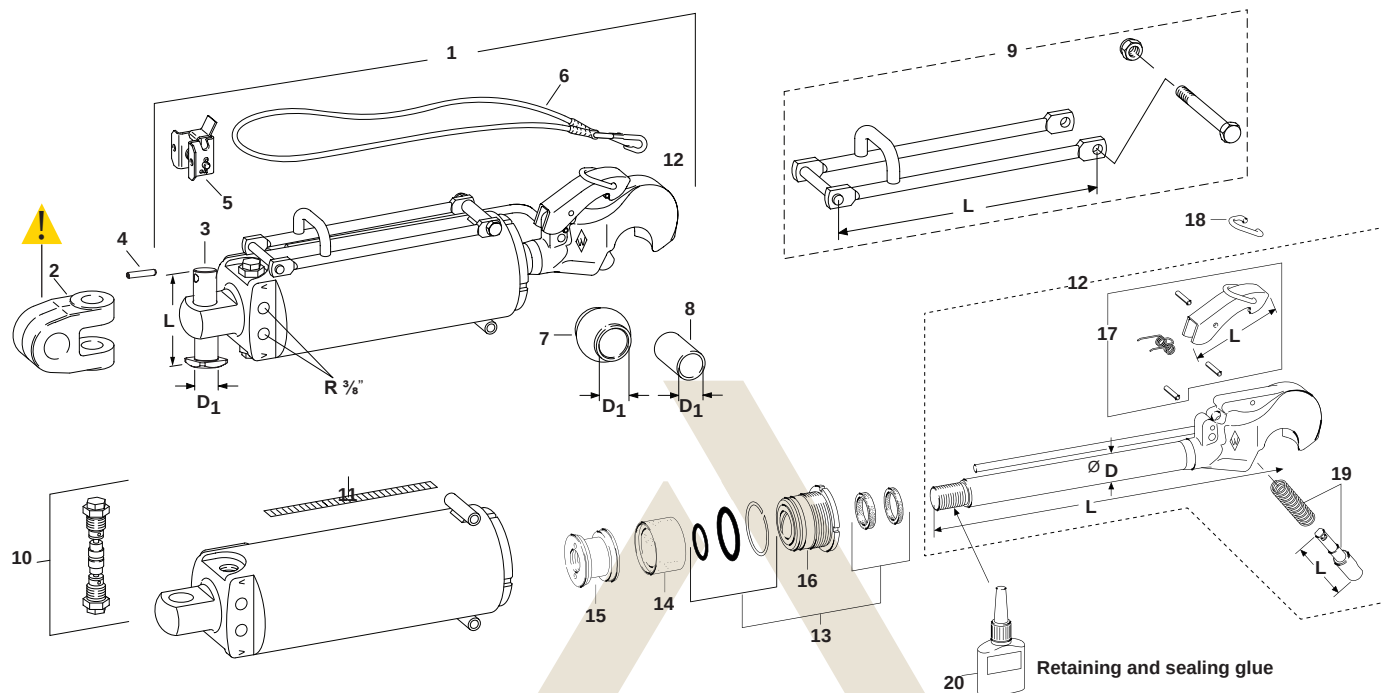
**WHEN ORDERING PLEASE NOTE:**

All Hydraulic Top Links to suit Fork End (Tractor Side) Part Numbers do not include the Fork End. Refer to Fork Section (Page 25) for desired end and order separately.

COMPONENTS HYDRAULIC TOP LINK: FORK END + HOOK


Item	Description	Cat	Type	D (mm)	D1 (mm)	Length L (mm)	Stroke (mm)	Technical Data	Part No.
13	Piston Rod Complete	2/63		36		419	180	M28x1.5	309503
		2/63		36		469	230	M28x1.5	309502
		3/70		36		437	185	M30x2	309473
		3/70		36		502	250	M30x2	309472
		3/90		40		462	185	M34x2	201223
		3/90		40		537	250	M34x2	201224
		4/120		50		507	183	M42x2	205114
		4/120		50		572	248	M42x2	205108
14	Sealing Kit	2/63							309532
		3/70							309533
		3/90							309540
		4/120							203620
15	Piston Seal	2/63						Ø 63	309511
		3/70						Ø 70	309483
		3/90						Ø 90	309525
		4/120						Ø 120	203435
16	Piston	2/63						Ø 61.5 x M28x1.5	309509
		3/70						Ø 68.5 x M30x2	309475
		3/90						Ø 88.5 x M34x2	309523
		4/120						Ø 118.5 x M42x2	204066
17	Cylinder Cover	2/63						M68x1.5	309508
		3/70						M74x1.5	309474
		3/90						M94x2	309524
		4/120						M125x2	204068
18	Release Lever Kit	2/63+3/90				98			306841
		3/70				115			306842
		4/120				110			205576
19	Clip	All							099015
20	Locking Pin + Spring	2/63				109			305767
		3/70+3/90				119			305765
		4/120				146			205577
21	Glue	All						Omnifit Seal 58H	304833

COMPONENTS HYDRAULIC TOP LINK WITH FORK END WITH INTEGRATED CHECK VALVE

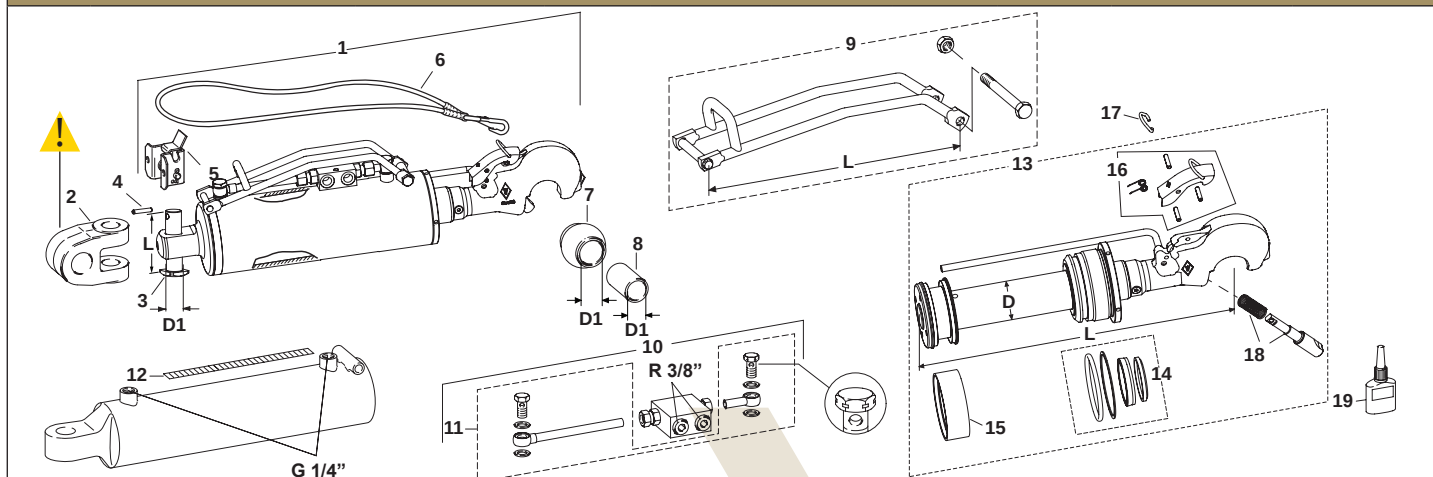


Item	Description	Cat	D mm	d mm	D1 mm	L mm	Stroke	Technical Data	Part Number
1	Top Link	3/90							Refer page 12
2	Fork End	3/90							Refer page 25
3	Bolt + Roll Pin	3/90			25	100			206750
4	Roll Pin	3/90						Ø 8x45	207070
5	Support Clip	3/90							308347
6	Release Cable	3/90						L = 1750	307612
7	Ball Bush	3/2			25.7			Ø 60 x Ø 25.7	099044
		3			32.2			Ø 60 x Ø 32.2	099043
		3HD			32.2			Ø 60 x Ø 32.2	202484
8	Adapter Bush	1/2			19.4			Ø 25 x Ø 19.4	082649
		2/3			25.7			Ø 32 x Ø 25.7	305278
9	Retainer	3/90				285			206089
						340			206092
10	Non-Return Valve	3/90							206097
11	Marking Label	3/90						L = 181	309530
								L = 241	305934
12	Piston Rod Complete	3/90	40			462	185	M34x2	206099
		3/90	40			537	250	M34x2	206101
13	Sealing Kit	3/90						Ø 90	309540
14	Piston Seal	3/90							309525
15	Piston	3/90						M34x2	309523
16	Cylinder Cover	3/90						M94x2	309524
17	Release Lever Kit	3/90				98			306841
18	Clip	3/90							099015
19	Locking Pin + Spring	3/90				119			305765
20	Glue	3/90						Omnifit Seal 58H	304833



WHEN ORDERING PLEASE NOTE:

All Hydraulic Top Links to suit Fork End (Tractor Side) Part Numbers do not include the Fork End. Refer to Fork Section (Page 25) for desired end and order separately.

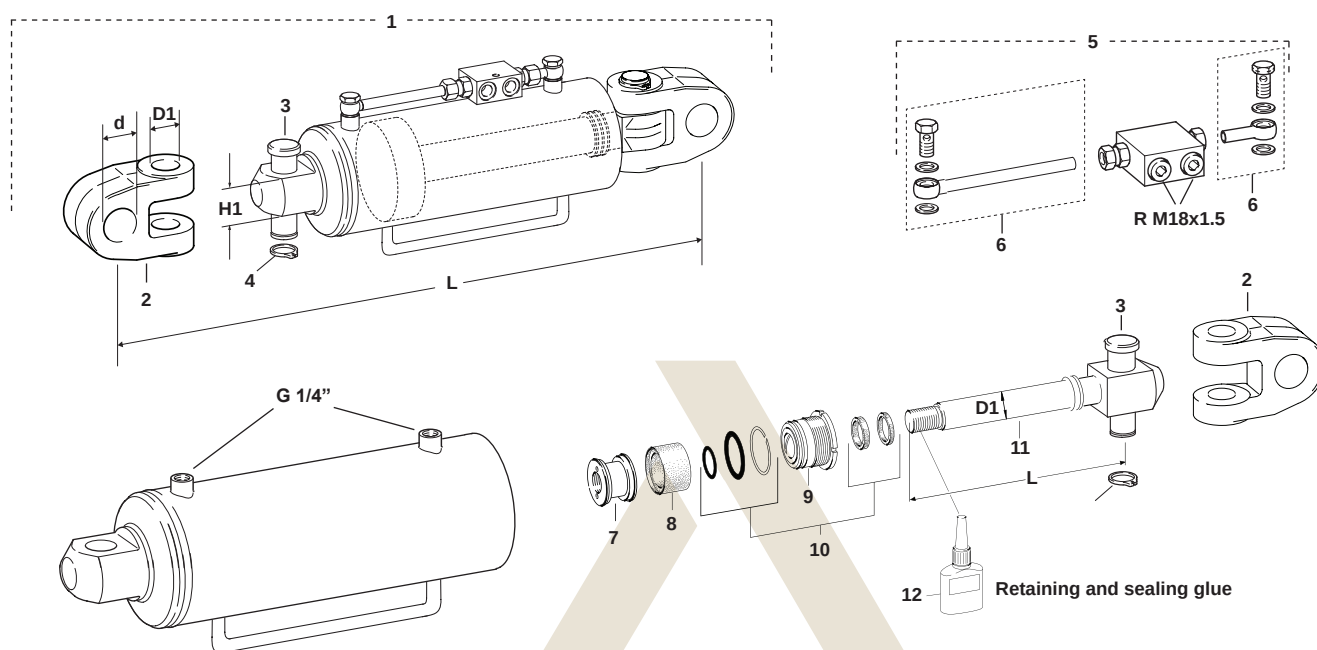
**COMPONENTS HYDRAULIC TOP LINK: FORK END + HOOK
WITH INTEGRATED SHOCK ABSORBER**


Item	Description	Cat	Type	D (mm)	D1 (mm)	Length L (mm)	Stroke (mm)	Technical Data	Part No.
1	Top Link	All							Refer page 13
2	Fork End	All							Refer page 25
3	Bolt + Roll Pin	3/70DS			25	92			206750
		3/105DS	200HP						
		4/130DS	250HP		32	112.5			206440
4	Roll Pin	All						Ø 8x45	207070
5	Support Clip	All							308347
6	Release Cable	All						L = 1750	307612
7	Ball Bush	3/2			25.7			Ø 60 x Ø 25.7	099044
		3			32.2			Ø 60 x Ø 32.2	099043
		3HD			32.2			Ø 60 x Ø 32.2	202484
		4/3HD			32.2			Ø 78 x Ø 32.2	205125
		4HD			45.2			Ø 78 x Ø 45.2	204783
8	Adapter Bush	2/3			25.7			Ø 32 x Ø 25.7	305278
9	Retainer	All				285			203616
						340			203617
10	Non-Return Valve complete with fitting	All					185		207503
							250		207504
11	Hyd Fittings	All					185		207525
							250		207526
12	Marking Label	All						L = 181	309530
								L = 241	305934
13	Piston Rod Complete	3/70DS		45		467	185		207339
						532	250		207340
		3/105DS	200HP	60		488	185		207341
						563	250		207342
		250HP		60		480	185		207886
						555	250		207887
		4/130DS		70		512	185		207343
14	Sealing Kit	3/70DS							207344
		3/105DS							207346
		4/130DS							207347
15	Piston Seal	3/70DS							207348
		3/105DS							207429
		4/130DS							207236
16	Release Lever Kit	3/70DS & 3/105DS				98			207403
		4/130DS				110			306841
17	Clip	All							205576
18	Locking Pin + Spring	3/70DS & 3/105DS				119			099015
		4/130DS				146			305765
19	Glue	All						Omnifit Seal 58H	205577
									304833


WHEN ORDERING PLEASE NOTE:

All Hydraulic Top Links to suit Fork End (Tractor Side) Part Numbers do not include the Fork End. Refer to Fork Section (Page 25) for desired end and order separately.

COMPONENTS HYDRAULIC TOP LINK: FORK END ON BOTH ENDS



Item	Description	Type	d (mm)	D1 (mm)	Width H1 (mm)	Length L (mm)	Stroke (mm)	Technical Data	Part No.
1	Top Link	4/120				706-879			Refer page 13
2	Fork End	4/120	45	32	55.5	110.0			204060*
3	Bolt	4/120		32		118.5			202032
4	Circlip	4/120						Ø 31.75x2.36	201692
5	Non-Return Valve complete with fitting	4/120							203773
6	Hyd Fittings (12L Pipe & 1/4" BSPP Banjo)	4/120							202195
7	Piston	4/120						M42x2	204066
8	Piston Seal	4/120							203435
9	Cylinder Cover	4/120						M125x2	204068
10	Sealing Kit	4/120							206361
11	Piston Rod	4/120		50			173		205728
12	Glue	4/120						Omnifit Seal 58H	304833

* More Fork end versions available, refer to page 25

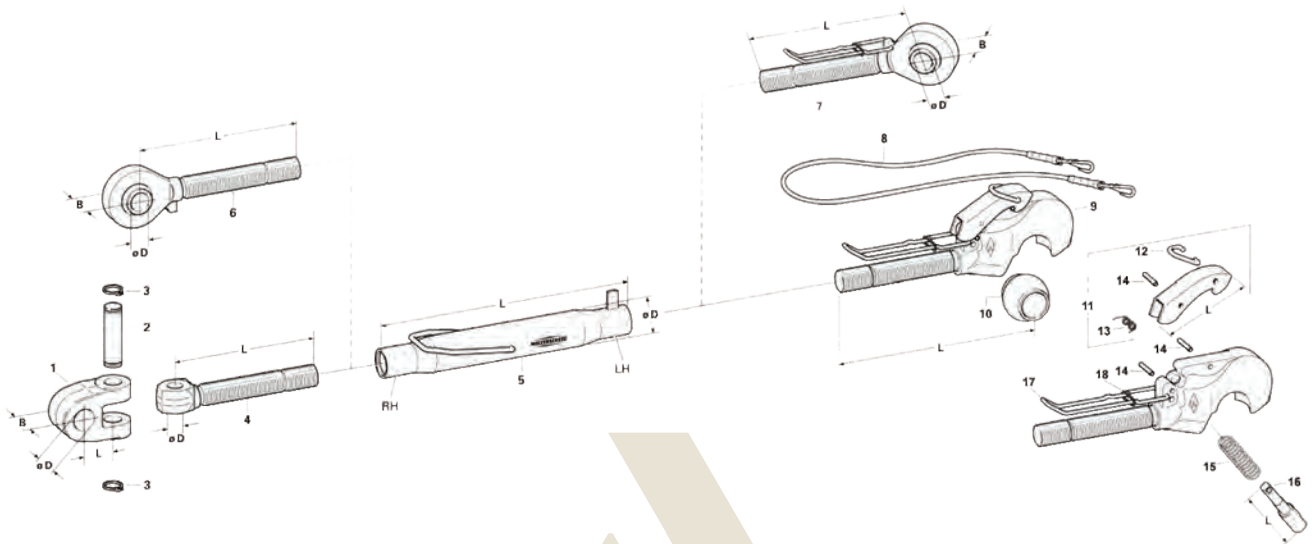
MANUAL TOP LINK

IMPLEMENT SIDE HOOK		Cat	Length	Part Number
		TRACTOR-SIDE FORK		
		2	522 - 737	200187
		2	557 - 787	200188
		2	622 - 937	200189
		3	585 - 815	200190
		3	622 - 852*	200190
		3	625 - 855	200191
		3	662 - 892*	200191
		3	665 - 975	200192
		3	702 - 1012*	200192
		3	705 - 1015	200193
		3	742 - 1052*	200193
		3	745 - 1055	200194
		3	782 - 1092*	200194
		* Length is determined by using the 100mm Long Fork End		
		TRACTOR-SIDE EYEBALL		
		2	510 - 725	309955
		2	545 - 775	309956
		2	610 - 925	309957
		3	565 - 795	309950
		3	645 - 955	309952
		3	725 - 1035	309954
		3s	640 - 850	308658*
		*Includes Tractor Side Eyeball End		
		IMPLEMENT HOOK Include		
		Cat	Description	Part Number
		2	Release Cable	305392
		3	Release Cable	305453
		2	Ball Bush	099042
		3	Ball Bush	099043

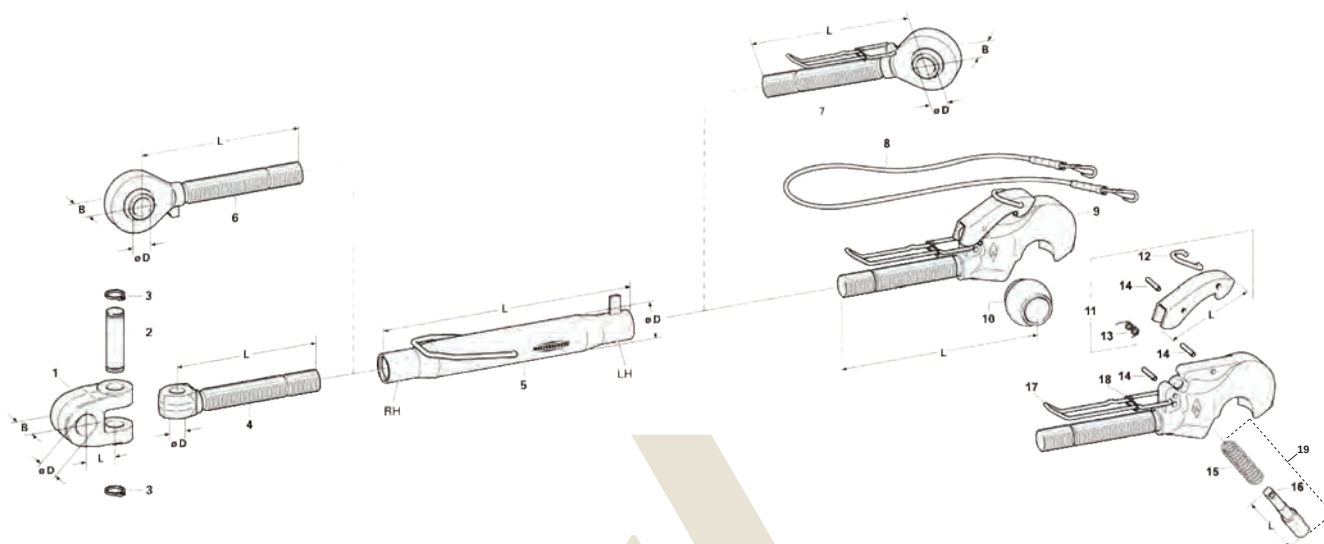
Manual Top Link part numbers do not include the Tractor Side Ends. Refer to Eyeball & Fork Section for desired Tractor Side End (Page 22 & 25)



COMPONENTS: MANUAL TOP LINK



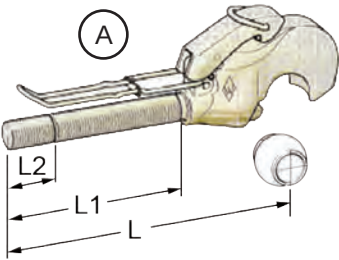
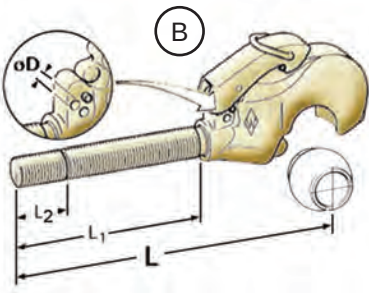
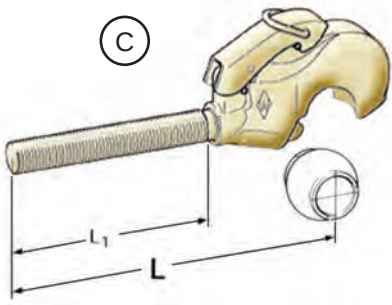
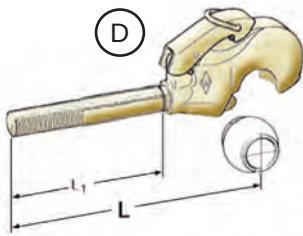
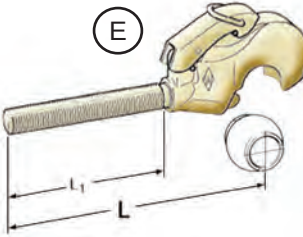
Ref	CAT	Ø D	L	Part Number	Dimension	Description
1				REFER TO FORK END SECTION		
2	2			306402	20x70	Pin
3	3			308609	25x101	Pin
3	2			304117	DIN 471 - 20x1.75	Retaining Ring
3	3			702048	DIN 471 - 25x2	Retaining Ring
4	2	20.1	185	200057	M30	Rod Head
4	2	20.1	235	200058	M30	Rod Head
4	3	25.1	197	309680	M36x3	Rod Head
4	3	25.1	247	309739	M36x3	Rod Head
5	2	50	320	309695		Centre Tube
5	2	50	370	309696		Centre Tube
5	2	50	420	309697		Centre Tube
5	3	60	360	309690		Centre Tube
5	3	60	400	309691		Centre Tube
5	3	60	440	309692		Centre Tube
5	3	60	480	309693		Centre Tube
5	3	60	520	309694		Centre Tube
6	2	19.2	220	309681	B = 44 M30	Eye Ball
6	2	22.2	220	309683	B = 44 M30	Eye Ball
6	2	25.7	220	309685	B = 51 M30	Eye Ball
6	2	19.2	270	309682	B = 44 M30	Eye Ball
6	2	22.2	270	309684	B = 44 M30	Eye Ball
6	2	25.7	270	309686	B = 51 M30	Eye Ball
6	3	25.7	240	309679	B = 51 M36x3	Eye Ball
6	3	28.2	240	309677	B = 51 M36x3	Eye Ball
6	3	32.3	240	309675	B = 51 M36x3	Eye Ball
6	3	25.7	280	309678	B = 51 M36x3	Eye Ball
6	3	28.2	280	309676	B = 51 M36x3	Eye Ball
6	3	32.3	280	309659	B = 51 M36x3	Eye Ball
6	3S	32.3	280	201540	B = 51 1 3/4x5 UNC	Eye Ball
6	3S	37.3	300	200263	B = 51 M42x3	Eye Ball
6	4	44.8	270	204087	B = 63.5 M60x4	Eye Ball
6	4	45.2	280	204202	B = 64.4 1 3/4x5 UNC	Eye Ball

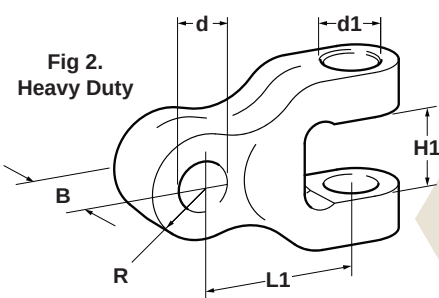
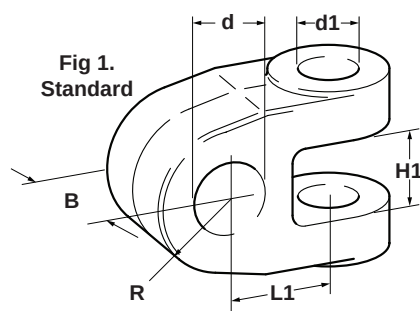
COMPONENTS: MANUAL TOP LINK


Ref	CAT	Ø D	L	Part Number	Dimension	Description
7	2	25.7	270	307770	B = 51 M30 LH	Eye Ball (inc Retainer Spring)
	2	25.7	255	201920	B = 51 M30 LH	Eye Ball (inc Retainer Spring)
	3	25.7	280	309795	B = 51 M36x3 LH	Eye Ball (inc Retainer Spring)
	3	32.3	280	309796	B = 51 M36x3 LH	Eye Ball (inc Retainer Spring)
	3S	32.3	280	201539	B = 51 1 3/4x5 UNC LH	Eye Ball (inc Retainer Spring)
	3S	32.3	280	200455	B = 51 M42x3 LH	Eye Ball (inc Retainer Spring)
	4	44.8	270	205492	B = 63.5 M60x4 LH	Eye Ball (inc Retainer Spring)
	4	45.2	270	204694	B = 63.5 1 3/4x5 UNC LH	Eye Ball (inc Retainer Spring)
8				305392	L = 1500	Release Cable
				305453	L = 1800	Release Cable
9				REFER TO TOP LINK HOOK SECTION (TYPE A)		
10	2			099042	D50x d25.7	Ball Bush
	3 / 2			099044	D60x d25.7	Ball Bush
	3			099043	D60x d32.3	Ball Bush
11	2		98	306841		Release Lever Kit
	3		115	306842		Release Lever Kit
12				099015		Clip
13				099049		Spring
14				010486	DIN 1481 - 6x28	Roll Pin
15	2			305198	19.6x95.5	Compression Spring
	3			099050	19.8x84.2	Compression Spring
16	2		109	305031		Locking Pin
	3		119	099113		Locking Pin
17				307440		Retainer Spring
18				307632		Link Clip
19	2		109	305767		Locking Pin & Spring
	3		119	305765		Locking Pin & Spring

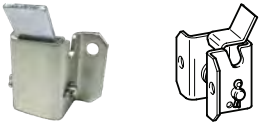
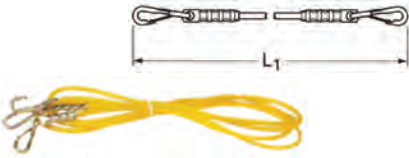
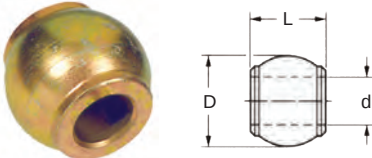
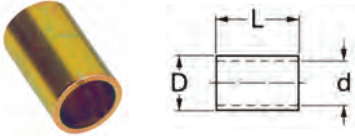
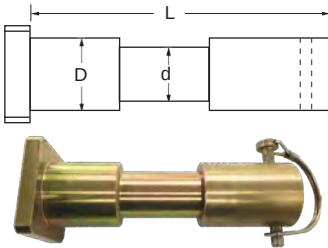
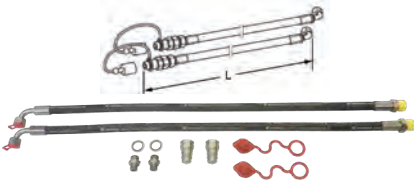
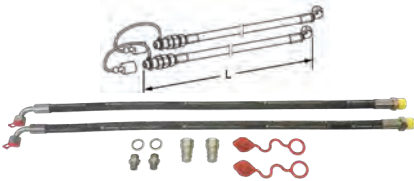


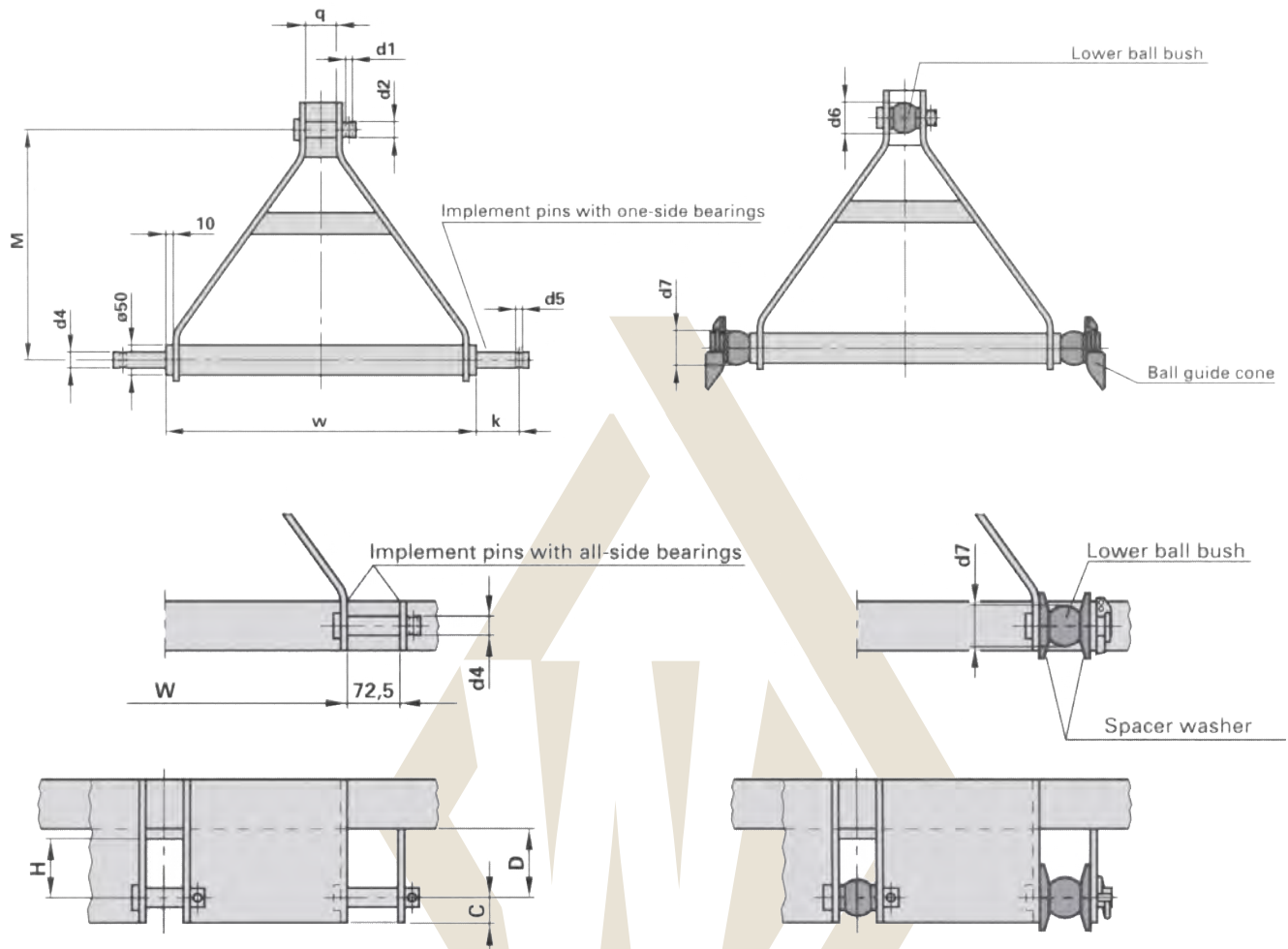
MANUAL TOP LINK THREADED HOOKS

TYPE	CAT	THREAD		Dimension				Part Number
		RH	LH	L	L1	L2	D	
	2		M30x3.5	270	165	45		307441
	2		M30x3.5	320	210	45		309673
	3		M36x4	330	210	55		308343
	3		M36x3	280	160	45		309918
	3		M36x3	330	210	55		309671
	1		M24x3	254	158	36		202076
	2	M27x3		305	195		7.5	305008
	2	M30x3.5		320	210		7.5	306229
	2		M36x4	280	170	62	6.5	306297
	2		M27x3	275	165	45		305249
	2	M30x3		320	210			305626
	3		M36x4	300	180	55	6.5	306299
	3	M36x3		330	210		7.5	305009
	3	M36x4		330	260			305540
	3		1 1/4x7UNC	297	177			305365
	2	M24x3		320	210			305612
	2		M30x3	320	210			305525
	2	M33x3.5		320	210			305640
	2		1 1/16x12UN	250	140			305824
	2	1 1/8x7 UNC		320	210			305812
	2		1 1/8x7UNC	320	210			305818
	2		1 1/4x7UNC	320	210			305537
	2	1 1/4x7UNC		320	210			305813
	3		M30x3	330	210			305823
	3		M30x3.5	330	210			305836
	3	M30x3.5		330	210			305286
	3	M36x3		382	157			307005
	3	M39x3		310	190			306017
	3	1 3/8x8UN		340	145			306277
	3S		1 5/8x8UNC	382	202	55		309067
	2	1 1/4x7UNC		310	205			309396
	2		1 1/4x7UNC	335	134			305391
	2	M36x3		320	210			307217
	3	M36x3		330	210			308276
	3S	1 3/4x5UNC		320	190			308701
	3S		1 3/4x5UNC	416	228			308670

FORK END - HYDRAULIC / MANUAL


CAT	FIG#	B	Ø d	Ø d1	L1	H1	R	PART NUMBER
2	1	41	19.3	20.2	46.5	28.1	26	306403
2	1	44	20.2	20.2	46.5	28.1	26	306400
2	1	44	22.2	20.2	46.5	28.1	26	306401
2	1	44	25.7	20.2	46.5	28.1	26	306404
2	1	44	28.2	20.2	46.5	28.1	26	306405
3	1	45 / 50	25.7	25.2	68	40.1	35	200043
3	1	50	25.7	25.2	63	40.1	35	306372
3	1	50	28.2	25.2	63	40.1	35	306406
3	1	50	32.3	25.2	63	40.1	35	306399
3	1	50	35.2	25.2	63	40.1	35	309181
3	1	50	37.3	25.2	63	40.1	35	309125
3	1	50	32.3	28.2	67	55.6	35	309881
3	1	50	35.2	28.2	67	55.6	35	204402
3	1	50	37.3	28.2	67	55.6	35	204403
3	1	50	25.7	25.2	100	40.1	35	309341
3	1	50	28.2	25.2	100	40.1	35	309143
3	1	50	32.3	25.2	100	40.1	35	308016
3	1	50	35.2	25.2	100	40.1	35	309144
3	1	50	37.3	25.2	100	40.1	35	309126
3	1	66	28.2	25.2	57	40.1	25	202307
3	1	66	28.2	28.2	57	40.1	35	201588
4-3	2	50	32.3	32.2	110	56.1	35	202031
4-3	2	50	35.2	32.2	110	56.1	35	207877
4-3	2	50	37.3	32.2	110	56.1	35	202023
4	2	50	45.2	32.2	110	56.1	41	204337
4	2	60	32	32.2	110	56.1	40	207001
4	2	60	37	32.2	110	56.1	40	207002
4	2	60	40.5	32.2	110	56.1	40	205633
4	2	60	45	32.2	110	56.1	40	204060

TOP LINK ACCESSORIES						
	Description	Cat	Technical Data			Part Number
	Support Clip	ALL	For All Hyd Top Link			308347
	Release Cables	-	For Hydraulic Top Links with Integral Eyeball & Hook			
		-	L=1800			305453
		-	For All other Hydraulic Top Links			
		-	L=1750			307612
	Upper Ball Bushes		D	d	L	
		1	38	19	44	305277
		2	50	25.4	44	306674
		2	50	25.4	51	099042
		2	50	28.4	45	307593
		3-2	60	25.4	51	099044
		3	60	32.2	51	099043
		3HD	60	32.2	51	202484 hardened & tempered
		4-3HD	78	32.2	64	205125 hardened & tempered
		4HD	78	45.2	64	204783 hardened & tempered
	Adapter Bushes	2-1	25	19.4	44	082649
		3-2	32	25.7	51	305278
		4-3	37	32	51	8401580
	Special Made Tractor Pins	4-3 3/70 3/70DS 3/90 3/105DS	45	32	160	84015JD1
			45	35	160	84015JD2
			45	37	160	84015JD
	Hydraulic Hose Kit with QR Couplings (Excludes Hydraulic Top Link part # 206010)	ALL	L=950			202527
	Hydraulic Hose Kit with QR Couplings (Suits Hydraulic Top Link Part # 206010)	4	L=950			202527-1

IMPORTANT CHARACTERISTICS for 3 POINT IMPLEMENT ATTACHMENT
Implement connection for Tractors without 3Pt Quick Coupler
Implement connection for Tractors with 3Pt Quick Coupler (Hook Type)


Cat	Tractor Power	d1	d2	d4	d6	d7	k	d5	q	M	w	C	D	H
1	...50 Hp	12	19	22	38	44	39	12	44.5	460	683	35	95	80
2	...100 Hp	12	25.4	28	50	56	49	12	52	610	825	35	95	80
3	...225 Hp	12	31.7	36.6	60	64	52	17	52	685	965	40	105	90
4	...475 Hp	17.5	45	50.8	78	85	68	17.5	65	685	1166.5	50	140	120

TRACTOR HITCH SYSTEMS

The Walterscheid Tractor Hitch System is a modular coupling system allowing many various combinations for different region requirements in the International Agriculture market. The modular K80 Ball Coupling System has been developed over time setting new standards in safety and convenience for driving drawn implements like trailers, loader wagons and spreaders with high drawbar loads.

The modular system consists of support frames (also known as ladders), adjustable coupler inserts with either a ball or pin, drawbars, accessories and various components. Contact your nearest Walterscheid sales centre to ensure the correct hitch system for your tractor.

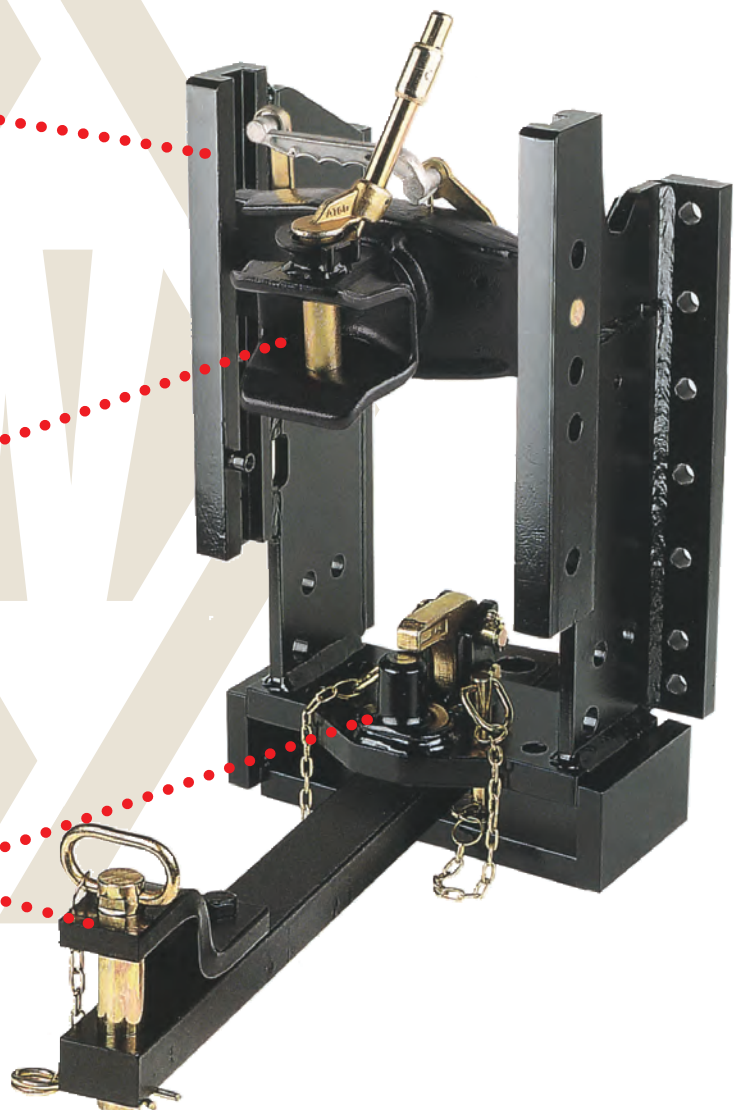
SUPPORT FRAMES

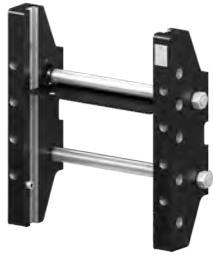


ADJUSTABLE COUPLER INSERTS WITH BALL OR PIN



DRAWBARS, ACCESSORIES AND COMPONENTS



SUPPORT FRAMES (LADDERS)


Short Ladder Frame



Long Ladder Frame

COUPLER SUPPORT FRAMES (LADDER)

- Short & Long Frames
- Frames with 80mm Ball & Guide
- Frames with Piton-Fix
- Frames with Drawbar Support

The modular support frames are designed to accommodate a large variety of combinations to suit all tractor applications and hitch requirements.

With an extensive growing range of different frames, please contact your local Walterscheid Branch with all your requirements to ensure the correct hitch system for your tractor.

All systems can be fitted with fixed or adjustable coupler inserts to suit K80 Ball Cup or various Ring Eyes. Drawbar options are also available for selected models.



Ladder Frame with Piton Fix & Drawbar Option



Ladder Frame with Piton Fix



Ladder Frame with Piton Fix & Drawbar Option



Long Frame with Adjustable Pin Type Insert & Fixed 80mm Ball



Ladder Frame with Piton-Fix & Drawbar Option Fitted



Long Ladder Frame with fixed 80mm Ball

HITCH ADJUSTABLE COUPLER INSERTS

K80 BALL HITCH INSERTS



Flange Mount Coupling
with K80 Ball Type



Pin Lock Adjustable Coupling
with K80 Ball Type

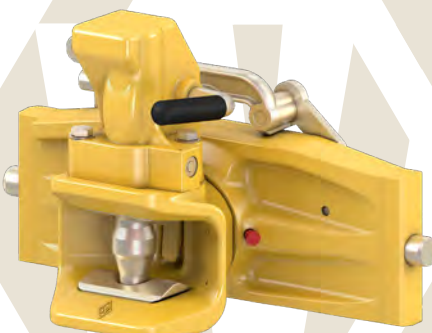


Pin Lock Adjustable Coupling
with K80 Ball Type

CYLINDRICAL PIN HITCH INSERTS



Flange Mount Coupling
with Cylindrical Pin Type



Pin Lock Adjustable Coupling
with Cylindrical Pin Type



Pin Lock Adjustable Coupling
with Cylindrical Pin Type

STRAIGHT PIN HITCH INSERTS



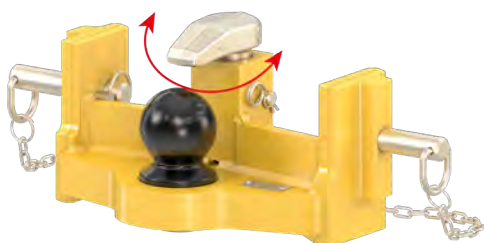
Flange Mount Coupling
with Straight Pin Type



Pin Lock Adjustable Coupling
with Straight Pin Type



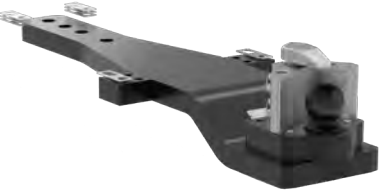
Pin Lock Adjustable Coupling
with Straight Pin Type



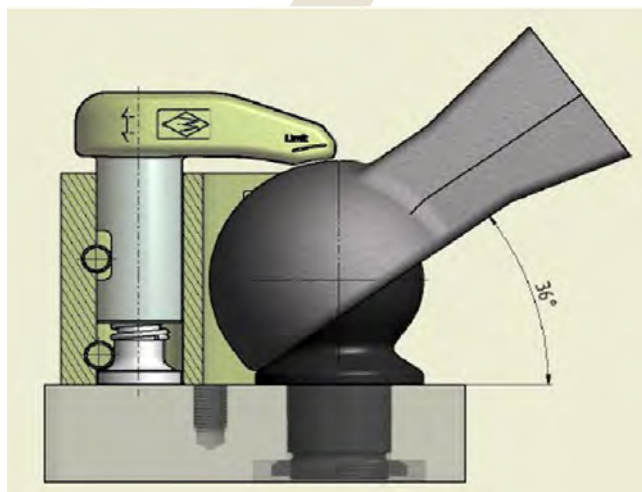
Couplings from Walterscheid are made from forged parts designed for heavy duty conditions.

Forged tool-free locking device is designed to compensate high negative forces. The locking device can rotate 360 degrees allowing easy connection.

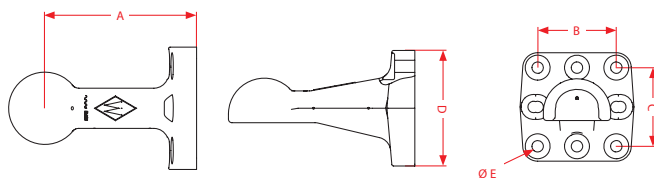
DRAWBARS

	Straight Drawbar with 80mm ball The straight drawbar is a great alternative for conventional Pin type drawbars that handles higher vertical loads & pulling forces. It also eliminates any shocks & bounces during driving and working in the field. It can be used in combination with a standard PTO Shaft or a smaller size Wide-Angle PTO Shaft.
	Curved Drawbar with 80mm ball The curved drawbar has the same characteristics as the straight drawbar. Additionally, due to the lowered location of the ball it gives more clearance for the Wide-Angle PTO Shaft. It is especially an advantage if a large Wide-Angle PTO Shaft is used in the application.
	Curved Drawbar with extra support of 80mm ball The curved drawbar with the extra support is designed for heavy duty applications where high pulling forces are required. The support plate sits level on the drawbar.
	Curved Drawbar with heavy duty support of 80mm ball The curved drawbar with the heavy-duty support is designed for applications in tough field conditions (hard soil / clay) where heavy machinery is used and high pulling forces are required. This drawbar is designed for large tractors with 350HP and more. The support plate sits on a 15-degree angle.

Note: There are many drawbar options available, please contact Walterscheid Australia for the correct fitment for your application.

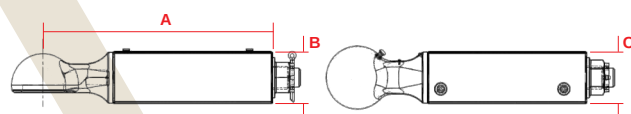


TOWING SOCKETS K80 BALL CUP



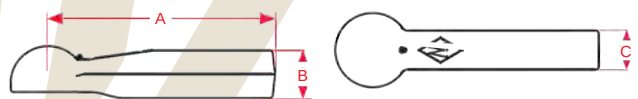
80mm Flange Ball Cup

Part No.	Vertical Load (Maximum)	A	B	C	D	E	Bolt Hole Qty	
		mm						
8003309	3000 daN	250	100	110	154	17	8	
00.664.91.1-A02	3000 daN	250	120	120	162	20	4	
8003310	4500 daN	260	145	145	200	20	8	
00.665.90.1-A02	4000 daN	250	160	160	200	20	12	
00.665.90.3-A02	6000 daN	250	160	160	200	20	12	



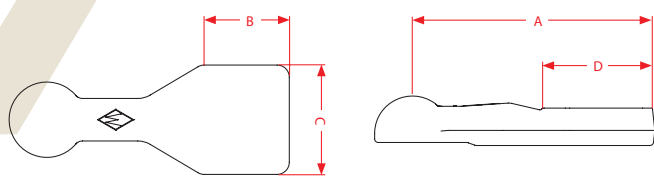
80mm Swivel Ball Cup

Part No.	Vertical Load (Maximum)	A	B	C				
		mm						
00.663.931.0	4000 daN	571	102	102				



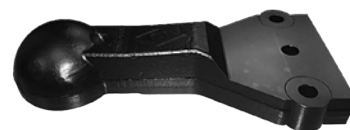
80mm Weld On Ball Cup

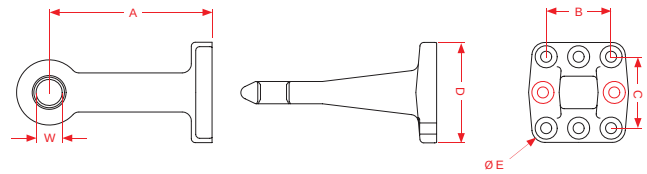
Part No.	Vertical Load (Maximum)	A	B	C				
		mm						
00.651.91.1	2000 daN	375	80	65				
00.651.90.0	1500 daN	336	80	65				



80mm Weld On Ball Cup Flat

Part No.	Vertical Load (Maximum)	A	B	C	D			
		mm						
8004642	2000 daN	385	145	180	185			

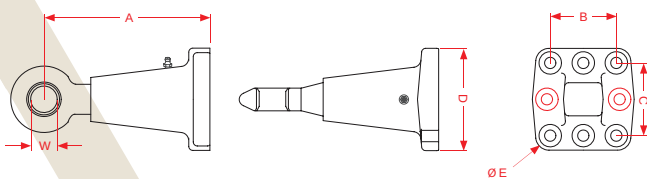


TOWING RING EYES

Ring Eye Flange with Bush

Part No.	Vertical Load (Maximum)	A	B	C	D	E	Bolt Hole Qty	W
		mm						
8000616	2500 daN	240	100	110	154	17	6	40
8000537	2500 daN	250	100	110	154	17	8	50
8003466	3000 daN	246	145	145	200	20	8	40



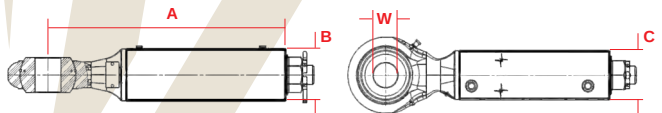
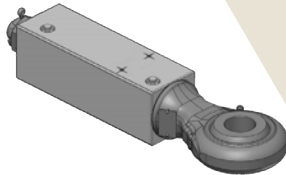
With Swivel Bush


Swivel Ring Eye Flange

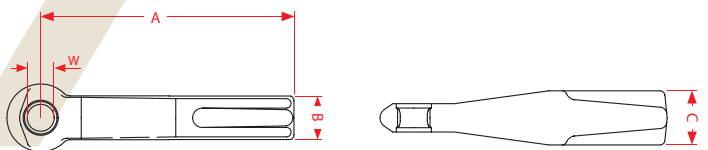
Part No.	Vertical Load (Maximum)	A	B	C	D	E	Bolt Hole Qty	W
		mm						
8005146	3000 daN	268	100	110	154	17	4	50
8005147	3600 daN	268	145	145	200	20	8	50

Swivel Ring Eye Flange with Swivel Bush

8005577	3000 daN	348	145	145	200	20	8	50
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Swivel Ring Eye with Swivel Bush

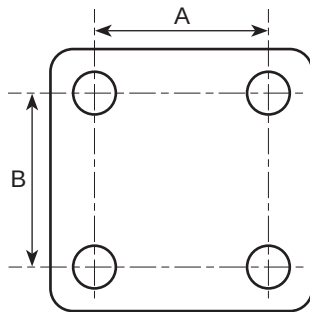
Part No.	Vertical Load (Maximum)	A	B	C				W
		mm						
00.663.17.0	3000 daN	571	102	102				50


Ring Eye Weld On with Bush

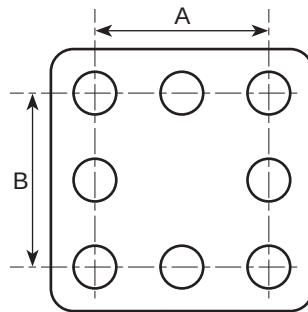
Part No.	Vertical Load (Maximum)	A	B	C				W
		mm						
8002252	2200 daN	350	65	80				40
8004931	1000 daN	380	70	80				50



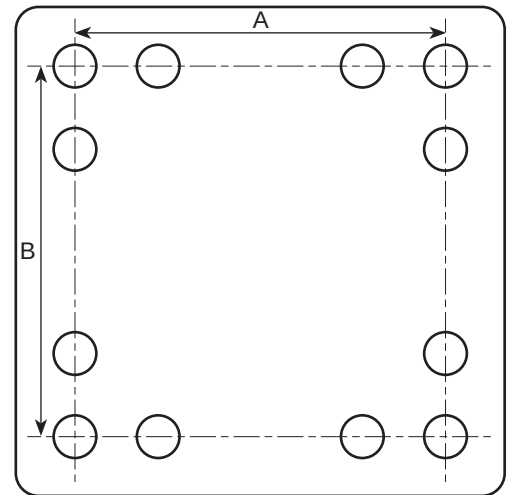
MOUNTING PLATES



4 Hole Pattern



8 Hole Pattern



12 Hole Pattern

Mounting Plate (Weldable)

	Part No.	A	B	Threaded Holes	Bolt Hole Qty	Notes
		mm				
	8003241	100	110	M16	8	
	8005500	120	120	M20	4	
	8004472	145	145	M20	8	
	8004835	160	160	M20	12	

*Additional mounting plates are available on request.

SPARE PARTS



REF #	PART NO.	DESCRIPTION
1	8002937	Complete Locking Device
2	8004852	Complete Basic Locking Device
3	8003635	Locking Device
4	8002153	Spring to suit Locking Device
5	8002154	Screw M20 to suit Locking Device
6	8003639	Pin 14x108mm
7	8002846	Allen Screw M16
8	8003164	K80 Ball incl. Locknut (non-weldable)
9	8004401	Locknut M48 x 1.5mm (Suit 8003164 Ball)
10	8004664	Ball Cover
11	8004588	Foam Ring
12	8004971	Special Socket 1/2" for Locknut
13	8005408	Power Steering Ball & Locking Device
14	8004669	Power Steering Pin & Locking Device

NOTES

BRANCH LOCATIONS**Victoria**

17-31 Discovery Road, Dandenong South 3175

Email: melbourne@walterscheid.com.au**Web:** www.walterscheid.com.au**Ph:** (03) 9580 7300**Fax:** (03) 9580 0379**New South Wales**

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