VOLUME II

Auto Engineers

Government of India Recognised Star Export House





TRACTOR PARTS

Manufacturers of

- Three Point Tractor Linkage Parts
- Agricultural Equipments
- Forged and Machined Parts
- General Farm Hardware Items
- Sheet Metal Components
- Fasteners
- Garden Tools

UNITED REGISTRAR OF SYSTEMS URS ISO 9001:2008 UKAS QUALITY MANAGEMENT 008



COMPANY PROFILE

With our humble beginning in1996, we Auto Engineers continually strive to achieve excellence. In India, we are amongst the prominent manufacturer & exporter of Tractor Parts, Agricultural Parts and other engineering goods. Our competencies enable us to provide components of major automobile manufacturers. We are expert in development of new products specifically suited for overseas markets based on specifications – Samples – Drawings provided by our customers. Our Company is dedicated to manufacture good quality parts allowing us to offer our clients the best quality at most comprehensive prices and highly professional services.

A Reliable name in the Domestic and International Market

The state-of-the-art infrastructure, industry experience and reliable products & services made us a preferred company by our clients. We manufacture as per client's exact specification and our customers depend upon us, for high quality tractor parts. We have earned a considerable presence in the domestic and international market.

Customization - We Can Develop products of Your Specific Needs We are 9001:2008 Certified Company

Besides the extensive range that we offer we have facility to manufacture as per clients specifications. We offer high quality standard products and at a very competitive industrial prices.

Our Mission

To satisfy our customers by giving best quality on best prices and timely delivery. To create niche place in the market by creating long term business relations with our customers. To give growth to our employees by providing them ample opportunities.

Goals

Our sole objective is to satisfy our customers and employees to the highest level. We want to increase our market share to become one of the top manufacturer of the country. We are well on the path of our planned growth which is to double the turnover in next year.

Team And Management

Being a part of global market, we have hired highly qualified professionals. Our team comprises excellent R&D personnel, skilled workmen, quality control analyst, efficient management & administration professionals and other technicians. Our team members are well trained and very committed towards their work. Each of our members takes complete initiative for the best production. The staff has been working hard to manufacture the best material with priority to provide easy customized solutions for our clients.

Markets We Serve

As a trusted business concern, we have been able to expand our empire by crossing all the geographic boundaries.
In India we are serving prominent O.E's

Why Us?

- Recognition in the international market
- Strong focus on safe packaging.
- Use of latest machinery
- Facilitated with excellent staff of sales and marketing professionals
- Utilization of modern machinery



CERTIFICATES

GOVERNMENT OF INDIA
RECOGNIZED
ONE STAR EXPORT HOUSE CERTIFICATE

सत्यमेव जयते

भारत सरकार
GOVERNMENT OF INDIA
वाणिज्य एवं उद्योग मंत्रालय
MINISTRY OF COMMERCE & INDUSTRY
विदेश व्यापार महानिदेशालय
DIRECTORATE GENERAL OF FOREIGN TRADE

मान्यता प्रमाण पत्र
Certificate of Recognition

एक सितारा निर्यात सदन 300116000106
ONE STAR EXPORT HOUSE

मैसर्स AUTO ENGINEERS OPP.NANAKSAR KANDA,NEAR-CHHABRA FORGINGS, SUA ROAD,DHANDARI KALAN LUDHIANA-141010
(आई ई सी 3008018254 और आयकर पैन AFKPD6201P)
को विदेश व्यापार नीति, 2015–2020 के प्रावधानों के अनुसार एक सितारा निर्यात सदन का स्तर प्रदान किया जाता है। यह प्रमाण पत्र, प्रक्रिया पुस्तक (2015 –2020) के पैरा 3.20 (बी) में दी गयी शर्तों के निहित 5 वर्ष की अवधि के लिए दिनांक 30.03.2016 29.03.2021 तक होगा।

M/s AUTO ENGINEERS OPP.NANAKSAR KANDA,NEAR-CHHABRA FORGINGS, SUA ROAD,DHANDARI KALAN LUDHIANA-141010
(IEC 3008018254 and Income Tax PAN AFKPD6201P)
are hereby accorded the status of One Star Export House in accordance with the provisions of the Foreign Trade Policy, 2015-2020. This Certificate is valid for a period of 5 years effective from 30.03.2016 to 29.03.2021 subject to the conditions prescribed in Para 3.20(b) of the Hand Book of Procedures (2015-2020).

सं./No. A/ 5704
तारीख/Date 29.04.2016
स्थान/Place Ludhiana
(फाइल सं./File No.) 30/21/058/80104/AM16/ dated 29.03.2016

M.S.DHILLON,JT.DGFT/संयुक्त/उप महानिदेशक,
विदेश व्यापार/विकास आयुक्त (एस.ई.झेड.)
Additional/ Joint/ Deputy
Director General of Foreign Trade/
Development Commissioner (SEZ)

ISO 9001:2008 CERTIFICATE

URS

Certificate of Registration

This certificate has been awarded to

Auto Engineers

Opp. Nanaksar Kanda, Sua Road, Dhandari Kalan, Ludhiana, Punjab, India

In recognition of the organization's Quality Management System which complies with

ISO 9001:2008

The scope of activities covered by this certificate is defined below

Manufacturer and Exporter of Tractor Linkage Parts

Certificate Number:	Date of Issue: (Original)	Date of Issue:
29549/A/0001/UK/En	18 March 2008	18 March 2014
Issue No:	**Expiry Date:**	
4	17 March 2017	

Issued by: *On behalf of the Schemes Manager*

ACTIVE MEMBER OF CHAMBER OF INDUSTRIAL & COMMERCIAL UNDERTAKINGS

CHAMBER OF INDUSTRIAL & COMMERCIAL UNDERTAKINGS
(Government of india Recognized)
CICU
ESTD. 1968

AUTO ENGINEERS
A/73
VALID TILL: 03/2017
Membership Card



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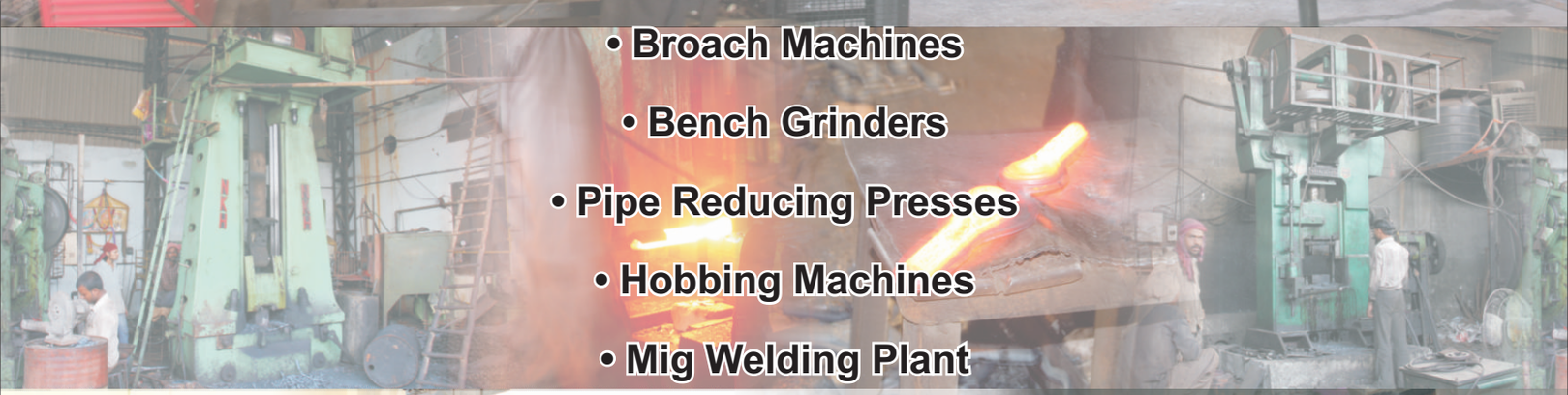
INFRASTRUCTURE



- Drop Forged Hammer
- Friction Screw Forging
- CNC Turning Lathes
- Hydraulic Presses
- Auto Lathes



- Power Presses
- Milling Machines
- Drills
- Thread Rolling Machines
- Norton/Semi Norton Lathes



- Broach Machines
- Bench Grinders
- Pipe Reducing Presses
- Hobbing Machines
- Mig Welding Plant



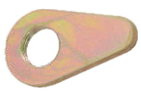
- Arc Welding Plant
- Paint Plant
- Nut Cutting Machines
- Tapping Machines
- Lathes



- Vertical Milling Machines
- Centreless Grinding

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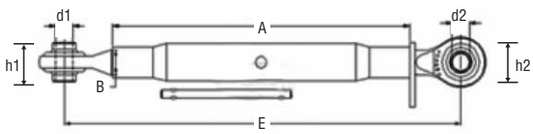
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Standard Top Link Assembly

Standard Duty Top Links in Cat 0,1, 1&2 Combination, 2&3 Sizes. Yellow Zinc Dichromate Plated Centre Tube and Clear Zinc Plated Repair Ends Unless Otherwise Specified.



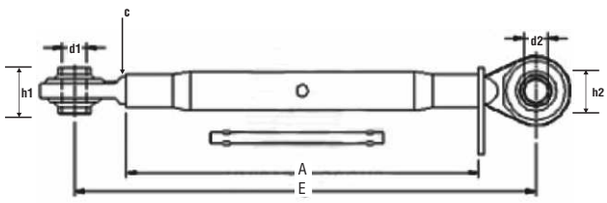


Part No.	CAT (d1 - d2)	Tube Length (A) INCHES	Tube Length (A) MM	Thread Size (B)	LH Ball Id/ Height D1/H1	RH Ball Id/ Height D2/H2	Min/ Max. (E)
AETLA 1001	0-0	7-1/2	190	3/4 UNC	16/25.4	16/25.4	265/385
AETLA 1002	0-0	9-3/4	248	3/4 UNC	16/25.4	16/25.4	325-470
AETLA 1003	1-1	7	178	1-1/8 UNC	19/44	19/44	290-370
AETLA 1004	1-2	7	178	1-1/8 UNC	19/44	25.4/51	295-375
AETLA 1005	2-2	7	178	1-1/8 UNC	25.4/51	25.4/51	300-380
AETLA 1006	1-1	9	229	1-1/8 UNC	19/44	19/44	340-470
AETLA 1007	1-2	9	229	1-1/8 UNC	19/44	25.4/51	345-475
AETLA 1008	2-2	9	229	1-1/8 UNC	25.4/51	25.4/51	350-480
AETLA 1009	1-1	11-1/4	285	1-1/8 UNC	19/44	19/44	395-480
AETLA 1010	1-2	11-1/4	285	1-1/8 UNC	19/44	25.4/51	400-585
AETLA 1011	2-2	11-1/4	285	1-1/8 UNC	25.4/51	25.4/51	405-590
AETLA 1012	1-1	13	330	1-1/8 UNC	19/44	25.4/51	440-665
AETLA 1013	1-2	13	330	1-1/8 UNC	19/44	25.4/51	445-665
AETLA 1014	2-2	13	330	1-1/8 UNC	25.4/51	25.4/51	450-680
AETLA 1015	1-1	14-1/2	370	1-1/8 UNC	19/44	19/44	480-695
AETLA 1016	1-2	14-1/2	370	1-1/8 UNC	19/44	25.4/51	485-720
AETLA 1017	2-2	14-1/2	370	1-1/8 UNC	25.4/51	25.4/51	490-760
AETLA 1018	1-1	16	406	1-1/8 UNC	19/44	19/44	515-730
AETLA 1019	1-2	16	406	1-1/8 UNC	19/44	25.4/51	520-765
AETLA 1020	2-2	16	406	1-1/8 UNC	25.4/51	25.4/51	525-800
AETLA 1021	1-1	17-1/4	438	1-1/8 UNC	19/44	19/44	745-760
AETLA 1022	1-2	17-1/4	438	1-1/8 UNC	19/44	25.4/51	550-795
AETLA 1023	2-2	17-1/4	438	1-1/8 UNC	25.4/51	25.4/51	555-830
AETLA 1024	1-1	20	508	1-1/8 UNC	19/44	19/44	615-830
AETLA 1025	1-2	20	508	1-1/8 UNC	19/44	25.4/51	620-865
AETLA 1026	2-2	20	508	1-1/8 UNC	25.4/51	25.4/51	625-900
AETLA 1027	1-1	24	610	1-1/8 UNC	19/44	19/44	715-930
AETLA 1028	1-2	24	610	1-1/8 UNC	19/44	25.4/51	720-965
AETLA 1029	2-2	24	610	1-1/8 UNC	25.4/51	25.4/51	725-1000
AETLA 1030	2-2	15	381	1-1/4 UNC	25.4/51	25.4/51	510-785
AETLA 1031	2-2	19	483	1-1/4 UNC	25.4/51	25.4/51	610-885
AETLA 1032	2-2	15	381	1-3/8 UNC	25.4/51	25.4/51	540-830
AETLA 1033	2-2	19	483	1-3/8 UNC	25.4/51	25.4/51	640-915
AETLA 1034	3-3	19	483	1-3/8 UNC	32/51	32/51	640-915



Metric Top Link Assemblies

Standard Duty Top Links in Cat 0,1, 1&2 Combination, 2&3 Sizes. Yellow Zinc Dichromate Plated Centre Tube and Clear Zinc Plated Repair Ends Unless Otherwise Specified.

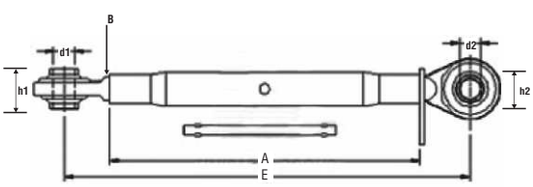




Part No.	CAT. (d1 - d2)	Tube Length (A) MM	Thread Size (B)	LH Ball Id/ Height D1/H1	RH Ball Id/ Height D2/H2	Min/ Max. (E)
AE TLA 2001	1-1	190	M20 X 2.5	19/44	19/44	275/415
AE TLA 2002	1-1	160	M22 X 2.5	19/44	19/44	250/350
AE TLA 2003	1-1	230	M22 X 2.5	19/44	19/44	330/500
AE TLA 2004	1-1	300	M22 X 2.5	19/44	19/44	400/560
AE TLA 2005	1-1	320	M24 X 2	19/44	19/44	430/580
AE TLA 2006	1-1	370	M24 X 2	19/44	19/44	480/620
AE TLA 2007	1-1	180	M27 X 3	19/44	19/44	285/335
AE TLA 2008	1-1	220	M27 X 3	19/44	19/44	320/450
AE TLA 2009	1-1	275	M27 X 3	19/44	19/44	380/530
AE TLA 2010	1-1	320	M27 X 3	19/44	19/44	430/640
AE TLA 2011	1-1	370	M27 X 3	19/44	19/44	480/690
AE TLA 2012	1-1	400	M27 X 3	19/44	19/44	505/685
AE TLA 2013	1-1	430	M27 X 3	19/44	19/44	540/750
AE TLA 2014	1-1	470	M27 X 3	19/44	19/44	580/790
AE TLA 2015	1-1	550	M27 X 3	19/44	19/44	655/835
AE TLA 2016	1-1	570	M27 X 3	19/44	19/44	680/890
AE TLA 2017	1-2	275	M27 X 3	19/44	25.4/51	400/550
AE TLA 2018	1-2	320	M27 X 3	19/44	25.4/51	435/605
AE TLA 2019	1-2	360	M27 X 3	19/44	25.4/51	480/680
AE TLA 2020	1-2	400	M27 X 3	19/44	25.4/51	520/730
AE TLA 2021	1-2	470	M27 X 3	19/44	25.4/51	580/820
AE TLA 2022	1-2	550	M27 X 3	19/44	25.4/51	670/880
AE TLA 2023	2-2	180	M27 X 3	25.4/51	25.4/51	315/365
AE TLA 2024	2-2	220	M27 X 3	25.4/51	25.4/51	350/550
AE TLA 2025	2-2	275	M27 X 3	25.4/51	25.4/51	410/560
AE TLA 2026	2-2	320	M27 X 3	25.4/51	25.4/51	445/645
AE TLA 2027	2-2	320	M27 X 3	25.4/51	25.4/51	460/680
AE TLA 2028	2-2	350	M27 X 3	25.4/51	25.4/51	485/685
AE TLA 2029	2-2	380	M27 X 3	25.4/51	25.4/51	510/710
AE TLA 2030	2-2	400	M27 X 3	25.4/51	25.4/51	510/750
AE TLA 2031	2-2	430	M27 X 3	25.4/51	25.4/51	540/780
AE TLA 2032	2-2	450	M27 X 3	25.4/51	25.4/51	580/820
AE TLA 2033	2-2	500	M27 X 3	25.4/51	25.4/51	625/830
AE TLA 2034	2-2	550	M27 X 3	25.4/51	25.4/51	670/920

TOP LINK ASSEMBLY HEAVY DUTY

Standard Duty Top Links in Cat 1, 1&2 Combination, 2&3 Sizes. Yellow Zinc Dichromate Plated/ Powder Coated Centre Tube and Clear Zinc Plated Repair Ends Unless Otherwise Specified.





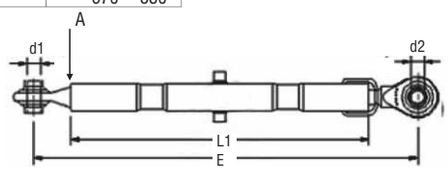
Part No.	CAT (d1 - d2)	Tube Length (A) MM	Thread Size (B)	LH Ball Id/ Height D1/H1	RH Ball Id/ Height D2/H2	Min/ Max. (E)
AE TLA 3001	1-1	400	M30 X 3	19/44	19/44	520/760
AE TLA 3002	1-1	450	M30 X 3	19/44	19/44	580/820
AE TLA 3003	1-1	500	M30 X 3	19/44	19/44	620/860
AE TLA 3004	1-1	650	M30 X 3	19/44	19/44	770/1010
AE TLA 3005	1-2	400	M30 X 3	19/44	25.4/51	520/760
AE TLA 3006	1-2	450	M30 X 3	19/44	25.4/51	580/820
AE TLA 3007	1-2	500	M30 X 3	19/44	25.4/51	625/865
AE TLA 3008	2-2	320	M30 X 3	25.4/51	25.4/51	450/680
AE TLA 3009	2-2	350	M30 X 3	25.4/51	25.4/51	480/700
AE TLA 3010	2-2	400	M30 X 3	25.4/51	25.4/51	520/760
AE TLA 3011	2-2	425	M30 X 3	25.4/51	25.4/51	540/800
AE TLA 3012	2-2	450	M30 X 3	25.4/51	25.4/51	580/820
AE TLA 3013	2-2	500	M30 X 3	25.4/51	25.4/51	620/860
AE TLA 3014	2-2	520	M30 X 3	25.4/51	25.4/51	640/890
AE TLA 3015	2-2	560	M30 X 3	25.4/51	25.4/51	680/930
AE TLA 3016	2-2	610	M30 X 3	25.4/51	25.4/51	750/980
AE TLA 3017	2-2	730	M30 X 3	25.4/51	25.4/51	850/1080
AE TLA 3018	2-2	360	M36 X 3	25.4/51	25.4/51	480/700
AE TLA 3019	2-2	400	M36 X 3	25.4/51	25.4/51	530/770
AE TLA 3020	2-2	460	M36 X 3	25.4/51	25.4/51	590/830
AE TLA 3021	2-2	520	M36 X 3	25.4/51	25.4/51	640/870
AE TLA 3022	2-2	570	M36 X 3	25.4/51	25.4/51	730/1020
AE TLA 3023	3-3	400	M36 X 3	32/51	32/51	560/850
AE TLA 3024	3-3	460	M36 X 3	32/51	32/51	620/910
AE TLA 3025	3-3	500	M36 X 3	32/51	32/51	660/950
AE TLA 3026	3-3	520	M36 X 3	32/51	32/51	680/970
AE TLA 3027	3-3	570	M36 X 3	32/51	32/51	730/1020

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Special Top Link Assemblies :
MF Top Link Assembly

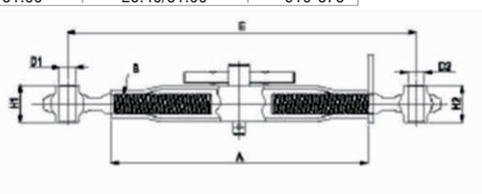
Part No.	d1 - d2 CAT.	L1 Tube Length	A Thread Size"	E MIN. - MAX
AE TLA 4001	1-1	438	1"1/16 UNF	590 - 750
AE TLA 4002	1-1	476	1"1/16 UNF	610 - 770
AE TLA 4003	1-2	476	1"1/16 UNF	610 - 770
AE TLA 4004	1-1	546	1"1/16 UNF	670 - 830
AE TLA 4005	1-2	546	1"1/16 UNF	670 - 830
AE TLA 4006	2-2	546	1"1/16 UNF	670 - 830





Top Link Assembly Zetor/ Ursus

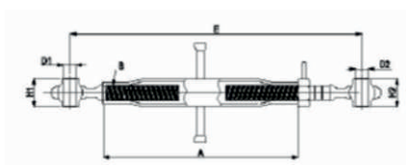
Part No.	A Tube Length	B Thread Size	D1/H1 Ball Id/ Height	D2/H2 Ball Id/ Height	E Min/ Max.
AE TLA 5001	400	M27 X 3	25.40/44.00	25.40/44.00	520-770
AE TLA 5002	400	M27 X 3	25.40/51.00	25.40/44.00	520-770
AE TLA 5003	430	M27 X 3	25.40/51.00	25.40/51.00	550-800
AE TLA 5004	430	M27 X 3	25.40/51.00	19.00/44.00	545-770
AE TLA 5005	330	M27 X 3	25.40/51.00	25.40/51.00	450-680
AE TLA 5006	470	M30 X 3	25.40/51.00	25.40/51.00	590-830
AE TLA 5007	470	M36 X 3	32.00/51.00	25.40/51.00	610-875





Top Link Assembly (DEUTZ)

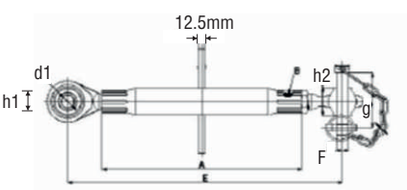
Part No.	A Tube Length	B Thread Size	D1/H1 Ball Id/ Height	D2/H2 Ball Id/ Height	E Min/ Max.
AE TLA 6001	340	M27 X 2	25.40/51.00	25.40/51.00	595-815





Top Link Assembly Mtz-umz

Part No.	A Tube Length	B Thread Size	d1/h1 Ball Id/ Height	d2/h2 Ball Id/ Height	E Min/ Max.	F/G Pin
AE TLA 7001	360	M30 TPZ	22.10-51.00	22.10-51.00	495-715	22 X 100 RHS
AE TLA 7002	360	M30 TPZ	25.40/51.00	25.40/51.00	495-715	25 X 100 RHS

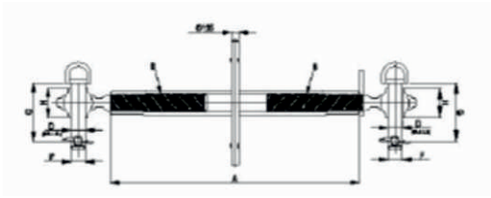






Top Link Assembly MTZ-UMZ

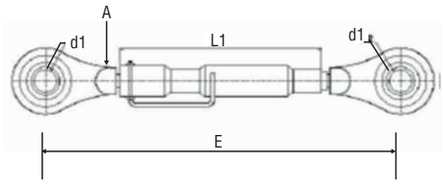
Part No.	A Tube Length	B Thread Size	D1/H1 Ball Id/ Height	D2/H2 Ball Id/ Height	E Min/ Max.	F/G PIN	Linch Pin
AE TLA 8001	440	M30 X 3.5	25.40/51.00	25.40/51.00	555-805	25 X 117	11 X 45





Top Link Assembly Ford

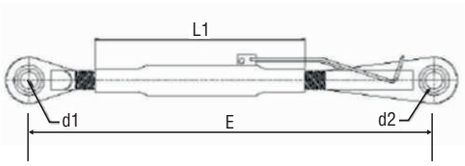
Part No.	d1-d2 CAT	L1 Tube Length	Thread Size	Min. - Max.
AE TLA 9001	1-1	425	1"1/4 UNC	625 - 800
AE TLA 9002	1-2	425	1"1/4 UNC	625 - 800
AE TLA 9003	2-2	425	1"1/4 UNC	625 - 800
AE TLA 9004	2-2	485	1"1/4 UNC	685 - 800





Top Link Assembly John Deere

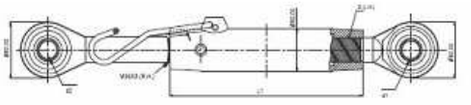
Part No.	d1-d2 CAT	L1 Tube Length	Thread Size	E Min. - Max.
AE TLA 10001	1(20.2)-2	318	M27 X 3	550 - 760
AE TLA 10002	1(20.2)-2	318	1"1/8 UNC	550 - 760
AE TLA 10003	2-2	318	1"1/8 UNC	550 - 760





Top Link Assembly Heavy Duty JD 6000 Series- Cast Pipe

Part No.	d1-d2 CAT	L1 pipe	D Thread Size
AE TLA 11001	2-2	280	M36x3
AE TLA 11002	2-2	280	M36x4
AE TLA 11003			



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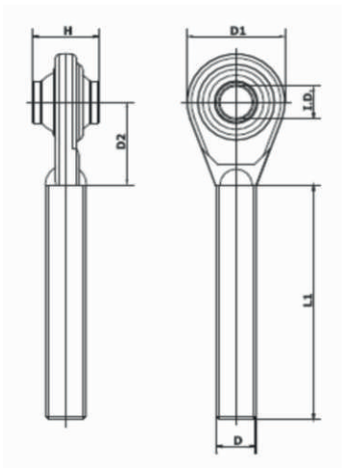



Forged Top Link Replacement Ends



Forged Top Link Replacement Ends for Cat 0,1,2 & 3 Top Links. Yellow Zinc Plated.

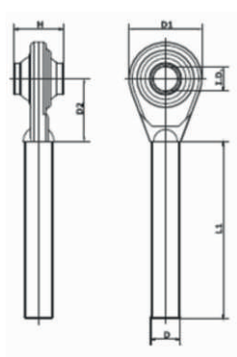
Our Top Link Ends are made from highest grade of metals & alloys. Ends are tested in labs on different parameters like dimensional accuracy, tensile strength, resistance property etc. All are available in METRIC & UNC Threads as per customer drawing or sample.



PART No.	CAT	I.D.	THREAD D	L1	D1	D2	H
AE TLE 12001	0	16	M20X2.5R	85	48	40	25.4
AE TLE 12002	0	16	M20X2.5L	85	48	40	25.4
AE TLE 12003	1	19	M22X2.5R	95	58	50	44
AE TLE 12004	1	19	M22X2.5L	95	58	50	44
AE TLE 12005	1	19	M22X2.5R	115	58	50	44
AE TLE 12006	1	19	M22X2.5L	115	58	50	44
AE TLE 12007	1	19	M24X2.5R	115	58	50	44
AE TLE 12008	1	19	M24X2.5L	115	58	50	44
AE TLE 12009	1	19	M24X3 R	115	58	50	44
AE TLE 12010	1	19	M24X3 L	115	58	50	44
AE TLE 12011	1	19	M24X3 R	155	62	50	44
AE TLE 12012	1	19	M24X3 L	155	62	50	44
AE TLE 12013	2	25.4	M24X3 R	165	75	55	51
AE TLE 12014	2	25.4	M24X3 L	165	75	55	51
AE TLE 12015	1	19	M27X3 R	150	58	50	44
AE TLE 12016	1	19	M27X3 L	150	58	50	44
AE TLE 12017	2	25.4	M27X3 R	165	66	50	51
AE TLE 12018	2	25.4	M27X3 L	165	66	50	51
AE TLE 12019	2	25.4	M27X3 R	165	75	50	51
AE TLE 12020	2	25.4	M27X3 L	165	75	50	51
AE TLE 12021	1	19	M30X3 R	155	58	50	44
AE TLE 12022	1	19	M30X3 L	155	58	50	44
AE TLE 12023	1	19	M30X3.5 R	155	58	50	44
AE TLE 12024	1	19	M30X3.5 L	155	58	50	44
AE TLE 12025	2	25.4	M30X3 R	165	75	55	51
AE TLE 12026	2	25.4	M30X3 L	165	75	55	51
AE TLE 12027	2	25.4	M30X3.5 R	165	75	55	51
AE TLE 12028	2	25.4	M30X3.5 L	165	75	55	51
AE TLE 12029	2	25.4	M36X3 R	165	80	55	51
AE TLE 12030	2	25.4	M36X3 L	165	80	55	51
AE TLE 12031	2	25.4	M36X3 R	175	80	55	51
AE TLE 12032	2	25.4	M36X3 L	175	80	55	51
AE TLE 12033	2	25.4	M36X3 R	200	96	70	51
AE TLE 12034	2	25.4	M36X3 L	200	96	70	51
AE TLE 12035	3	32	M36X3 R	200	96	70	51
AE TLE 12036	3	32	M36X3 L	200	96	70	51
AE TLE 12037	2	25.4	M40X3 R	170	80	60	51
AE TLE 12038	2	25.4	M40X3 L	170	80	60	51



TOP LINK END (UNC)



Part No.	CAT	I.D.	THREAD D	L1	D1	D2	H
AE TLE 13001	0	16	3/4"UNC R	105	47	30	25.4
AE TLE 13002	0	16	3/4"UNC L	105	47	30	25.4
AE TLE 13003	1	19	1.1/8"UNC R	150	58	53	44
AE TLE 13004	1	19	1.1/8"UNC L	150	58	53	44
AE TLE 13005	2	25.4	1.1/8"UNC R	180	66	55	51
AE TLE 13006	2	25.4	1.1/8"UNC L	180	66	55	51
AE TLE 13007	2	25.4	1.1/4"UNC R	180	76	62	51
AE TLE 13008	2	25.4	1.1/4"UNC L	180	76	62	51
AE TLE 13009	3	32	1.3/8"UNC R	155	89	76	51
AE TLE 13010	3	32	1.3/8"UNC L	155	89	76	51



Locking Collars

Locking Collars are used for locking centre tube of Top Link Assembly.

Available in all kinds of Thread size.

Color Yellow Zinc Plated.

Part Number	Flat Locking Collar Thread size	Forged Locking Collar Thread size
AE LC 14001	16x2	27x3
AE LC 14002	20x2½	30x3
AE LC 14003	22x2½	36x3
AE LC 14004	27x3	40x3
AE LC 14005	30x3	
AE LC 14006	36x3	
AE LC 14007	40x3	
AE LC 14008	1-1/8x7UNC	



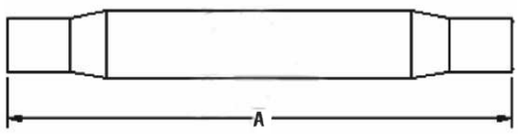




Center Tubes

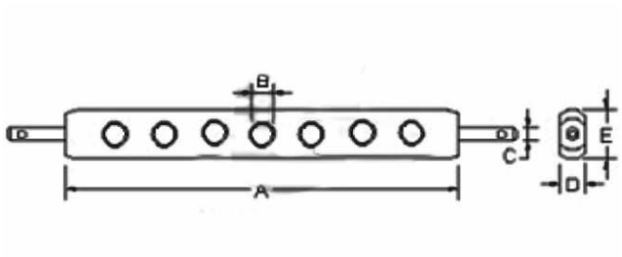
Center Tubes for all kinds of Top Link Assembly & Stabilizer Chains.

* Note : Available in yellow zinc plated & colored powder coated as per requirement.
  Thread size as per drawing or sample.
  Available in all sizes as per customer requirements



Part Number	A(mm)
AE CT 15001	335
AE CT 15002	405
AE CT 15003	438
AE CT 15004	476
AE CT 15005	480
AE CT 15006	508
AE CT 15007	546





Drawbars

We offer high quality draw bars for safe and comfortable towing. Our range of drawbars are made from highest grade of metal and alloys that ensures a long life performance. We specializes in manufacturing both cross type as well as swinging draw bars in diverse specifications.

Part Number	CAT	NOOF HOLES	LIFT ARM SPACING (A (mm	HOLE DIAM. (B(mm)	PIN DIAM. (C(mm	THICKNESS (D(mm))	WIDTH (E)	SHIP WEIGHT IN KG.
AE DB 16001	1	4	304	22	22	22	62	3.59
AE DB 16002	1	5	400	22	22	24	62	5.495
AE DB 16003	1	5	407	19	22	27	62	5.3
AE DB 16004	1	5	510	26	22	27	62	5.35
AE DB 16005	1	7	404	20	22	29	62	5.34
AE DB 16006	1	7	550	20	22	29	62	7.34
AE DB 16007	1	7	550	20	22	29	62	7.34
AE DB 16008	1	7	550	20	22	29	62	7.34
AE DB 16009	1	7	595	26	22	29	62	7.66
AE DB 16010	1	7	604	22	22	29	62	8.02
AE DB 16011	1	7	660	26	22	29	62	8.555
AE DB 16012	1	9	524	26	22	29	62	6.02
AE DB 16013	1	9	657	20	22.2	29	62	8.865
AE DB 16014	1	9	657	20	22.2	29	62	8.865
AE DB 16015	1	9	684	22	22	29	62	8.935
AE DB 16016	1	11	661	20	22.2	29	62	8.575
AE DB 16017	1	11	661	20	22.2	29	62	8.575
AE DB 16018	1	11	661	20	22.2	29	62	8.575
AE DB 16019	2	5	400	22	28.5	29	62	5.83
AE DB 16020	2	7	661	26	28	31	75	11.55
AE DB 16021	2	7	662	26	28	29	62	8.86
AE DB 16022	2	7	764	28	28	29	79	13.25
AE DB 16023	2	7	802	32	28.5	44	89	21.94
AE DB 16024	2	7	802	32	28.5	44	89	21.94
AE DB 16025	2	7	842	28	28.5	29	62	11.15
AE DB 16026	2	7	842	28	28.5	29	62	11.15
AE DB 16027	2	9	660	22	28.5	29	62	9.02
AE DB 16028	2	9	661	20	28.5	29	62	9.055
AE DB 16029	2	9	661	20	28.5	29	62	9.055
AE DB 16030	2	9	760	22	28..5	29	62	10.375
AE DB 16031	2	9	762	26	28	29	62	9.7
AE DB 16032	2	9	762	26	28	31	75	12.96
AE DB 16033	2	9	819	26	28	29	62	10.77
AE DB 16034	2	9	819	26	28	29	62	10.77
AE DB 16035	2	9	819	26	28	29	62	10.77
AE DB 16036	2	9	819	26	28	31	75	14.05
AE DB 16037	2	9	820	33	28.5	29	79	13.275
AE DB 16038	2	9	864	26	28	44	89	23.91
AE DB 16039	2	11	661	20	28.5	29	62	8.905
AE DB 16040	2	11	661	20	28.5	29	62	8.905
AE DB 16041	2	11	824	22	28.5	29	62	10.92
AE DB 16042	2	11	824	22	28.5	31	75	14.23
AE DB 16043	3	7	965	32	36.5	44	89	27.225
AE DB 16044	3	7	965	32	36.5	44	89	27.225
AE DB 16045	3	7	965	32	36.5	44	89	27.225
AE DB 16046	2	9	820	33	28.5	29	79	13.275

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Swinging Drawbar Assembly

Part No. AE SDA 17001

Our Swinging Drawbar fits Massey Ferguson tractor model 135, 135 petrol, 148, 165, 175, 178, 185, 188
Available in red & black powder coated finish.



SWINGING DRAWBAR WITH CLEVIS

Part No. AE SDC 17002

This swinging Drawbar with clevis is used to attach machinery or implements to a tractor 's 3 point hitch system.
Fits:



Swinging Drawbar

Part No. AE SDA 18001

This swinging Drawbar is used to attach machinery or implements to a tractor 's 3 point hitch system.
Fits:
Ford 2N,8N,9N,NAA,630,631,640,641,650,651,660 & 661.
Ferguson T020 & TP030
Massey Ferguson 35 & 50
Available in black powder coated finish.



Lift Arm Assembly

Part No. AE LA 19001

Our category 1 right or left hand forged lift arm contains 7/8" pin holes, 31-3/4" overall length and comes in red. Lift arms fit all Ferguson models, Ford 2N, 8N, 9N, NAA, Massey-Ferguson 35, 50, Oliver 550 and Oliver 3-point conversion and John Deere 1010.



Lift Arm Assembly

Part No. AE LA 19002

Our category 1 right or left hand forged lift arm contains 7/8" pin holes, center to center 800 mm length. Lift arms fit Ford New Holland: 10 Series, 100 series, 1000 series



Lower Link Lift Arm (Cat. 1)

Part No. AE LA 19003

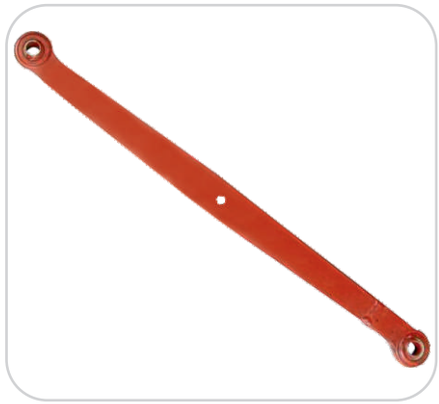
This Lower Link Lift Arm (Cat. 1)fits
Ford new holland, Fordson, Dexta, super dexta
Massey Ferguson
100 Series: 133, 135, 135 Petrol, 140, 148, 152



Lower Link Lift Arm (Cat. 1/1)

Part No. AE LA 19004

This Lower Link Lift Arm (Cat. 1)fits
Massey Ferguson : 35, 35 Petrol



Lower Link Lift Arm (Cat. 2)

Part No. AE LA 19005

This Lower Link Lift Arm (Cat. 2)fits
Massey Ferguson
100 Series: 133, 135, 135 Petrol, 148, 152
200 Series: 230, 235, 240, 245, 250
300 Series: 340
500 Series: 550



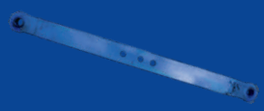
Lower Link Lift Arm (Cat 1) , LH/RH

Part No. AE LA 19006

This Lower Link Lift Arm (Cat. 1)fits
Ford New Holland
10 Series : 2610, 2810, 2910, 3610, 3910, 4110, 4610
100 Series : 2600, 3600, 4600
1000 Series : 2000, 2100, 2110, 2120, 2150, 2310, 3000, 3100, 3120, 3310, 3330, 4000, 4140



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Lower Link Lift Arm (Cat. 2)

Part No. AE LA 19007

This Lower Link Lift Arm (Cat. 2)fits
Ford New Holland
Fordson, Major, Power Major



Lower Link Lift Arm (Cat. 2)

Part No. AE LA 19008

This Lower Link Lift Arm (Cat. 2)fits
Massey Ferguson: 165



Lower Link Lift Arm, RH (Cat. 2/2)

Part No. AE LA 19009

This Lower Link Lift Arm (Cat. 1)fits
Massey Ferguson
200 Series: 265, 275, 285, 290, 298
300 Series: 362, 365, 372, 375, 382, 390, 398, 399
500 Series: 575, 590
600 Series: 675, 690, 698, 699



Lower Link Lift Arm, LH (Cat. 2/2)

Part No. AE LA 19010

This Lower Link Lift Arm (Cat. 1)fits
Massey Ferguson
200 Series: 265, 275, 285, 290, 298
300 Series: 362, 365, 372, 375, 382, 390, 398, 399
500 Series: 575, 590
600 Series: 675, 690, 698, 699

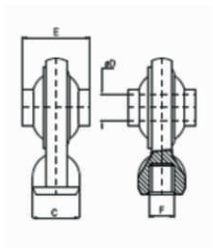




WELD ON END



Part No.	D	E	A	B	C	F
AE WE 21001	32	51	83	65	50	
AE WE 21002	35	35	83	65	50	
AE WE 21003	35	55	83	65	50	
AE WE 21004	19	51	85	70	50	
AE WE 21005	22.1	51	85	70	50	
AE WE 21006	22.1	51	85	70	50	M 27 X 2
AE WE 21007	25.4	51	85	70	50	
AE WE 21008	25.4	51	85	70	50	M 27 X 2
AE WE 21009	30	51	85	70	50	
AE WE 21010	30	51	85	70	50	M 27 X 2
AE WE 21011	30	42	92	65	50	
AE WE 21012	30	55	92	65	50	
AE WE 21013	32	51	92	65	50	
AE WE 21014	35	35	92	65	50	
AE WE 21015	40	75	108	60	58	
AE WE 21016	45	75	108	60	58	
AE WE 21017	50	75	108	60	58	
AE WE 21018	40	75	108	85	60	
AE WE 21019	40	75	108	85	60	M 38 X 2
AE WE 21020	45	75	108	85	60	
AE WE 21021	45	75	108	85	60	M 38 X 2
AE WE 21022	50	75	108	85	60	
AE WE 21023	50	75	108	85	60	M 38 X 2

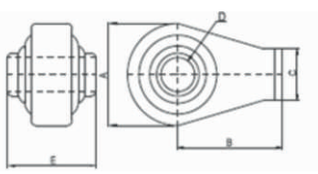




WELD ON END



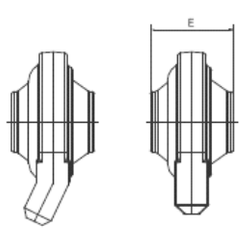
Part No.	D	E	A	B	C
AE WE 21024	19	44	57	50.8	28.5
AE WE 21025	19	44	62	34	30
AE WE 21026	20	44	62	34	30
AE WE 21027	22.1	44	62	34	30
AE WE 21028	25.4	51	66	60	28.5

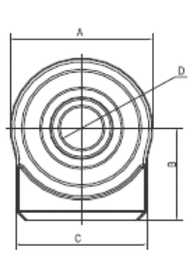


WELD ON END



Part No.	D	E	A	B	C
AE WE 21029	16	20	46	26	30
AE WE 21030	16	20	46	60	30
AE WE 21031	18	35	65	43	50
AE WE 21032	19	35	65	43	50
AE WE 21033	22.1	35	65	43	50
AE WE 21034	22.1	35	66	70	55
AE WE 21035	22.1	35	68	90	50
AE WE 21036	22.1	35	68	90	60
AE WE 21037	22.1	35	76	50	70
AE WE 21038	25.4	35	76	50	70
AE WE 21039	25.4	35	76	50	70
AE WE 21040	28.4	35	76	50	70
AE WE 21041	28.4	35	76	50	70
AE WE 21042	25.4	38	78	80	70
AE WE 21043	28.4	38	78	80	70
AE WE 21044	22/28	45	80	65	70
AE WE 21045	22/28	45	80	65	70
AE WE 21046	25.4	45	80	65	70
AE WE 21047	28.4	45	80	65	70
AE WE 21048	28.4	45	80	65	70
AE WE 21049	25.4	38	80	80	70
AE WE 21050	28.4	38	80	80	70
AE WE 21051	28.4	45	80	80	70
AE WE 21052	22.1	35	83	55	70
AE WE 21053	25.4	35	83	55	70
AE WE 21054	28.4	35	83	55	70
AE WE 21055	28.4	45	83	55	70
AE WE 21056	28.4	45	83	75	79
AE WE 21057	28.4	45	90	82	76
AE WE 21058	28.4	45	96	65	70
AE WE 21059	30	45	96	65	70
AE WE 21060	32	45	96	65	70
AE WE 21061	34	45	96	65	70

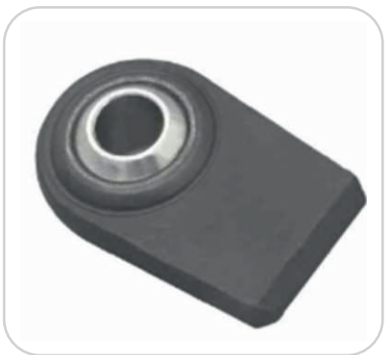




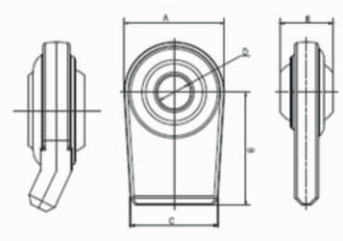
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WELD ON END



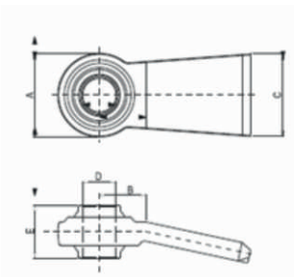
Part No.	D	E	A	B	C
AE WE 21062	19	44	52	50	52
AE WE 21063	19	35	67	50	60
AE WE 21064	22.1	35	67	50	60
AE WE 21065	22.1	35	67	50	56
AE WE 21066	22.1	35	67	70	60
AE WE 21067	22.1	35	67	75	58
AE WE 21068	28.4	45	82	55	70
AE WE 21069	25.4	38	83	89	70
AE WE 21070	28.4	38	83	89	70
AE WE 21071	28.4	45	85	80	70
AE WE 21072	22/28	45	85	80	70
AE WE 21073	28.4	35	85	80	70
AE WE 21074	28.4	45	94	86	94
AE WE 21075	38	45	94	86	94
AE WE 21076	28.4	45	90	75	85
AE WE 21077	38	45	90	75	85



WELD ON END BEND TYPE (URSUS)



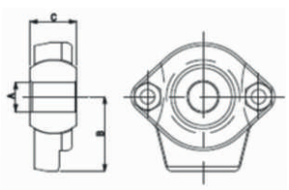
Part No.	D	E	A	B	C
AE WE 22001	28.4	45	71	40	70



LOWER LINK BALL END FLAT TYPE



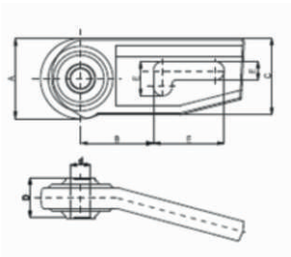
Part No.	CAT	A	C	B
AE WE 23001	1	22.1	35	55
AE WE 23002	2	25.4	35	55
AE WE 23003	2	28.4	35	55
AE WE 23004	2	28.4	45	55



BALL JOINT WITH SLOT



Part No.	d	D	A	B	C	E-SLOT	
AE WE 24001	28.4	45	76	85	95	28X45X95	L
AE WE 24002	28.4	45	76	85	95	28X45X95	R
AE WE 24003	37	45	94	90	95	28X45X95	L
AE WE 24004	37	45	94	90	95	28X45X95	R

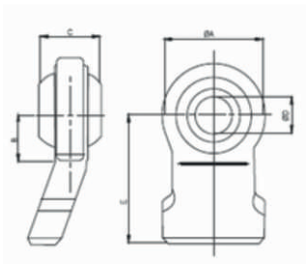






WELD ON END WITH BASE

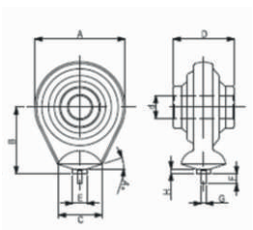
Part No.	D	E	A	B	C
AE WE 25001	28.4	45	100	130	100
AE WE 25002	37	45	100	130	100
AE WE 25003	38	45	100	130	100





TOP LINK BALL END WITH CENTERING PIN

Part No.	d	D	A	B	C	E	F	G	H
AE WE 26001	19	51	75	55	35	12	6	4	4
AE WE 26002	22.1	51	75	55	35	12	6	4	4
AE WE 26003	25.4	51	75	55	35	12	6	4	4
AE WE 26004	30	51	75	55	35	12	6	4	4

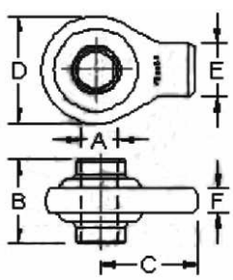




Top Link Weld on Ball Ends

Forged Top Link Weld-on Ball Ends for Cat 1 & Cat 2 Tractors. Black Phosphate Housing and Zinc Plated Ball.

Part Number	CAT	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	WEIGHT IN KG.
AE TWE 27001	1	19	44	51	56	28	13	0.404
AE TWE 27002	2	25.4	51	60	67	28	16	0.675

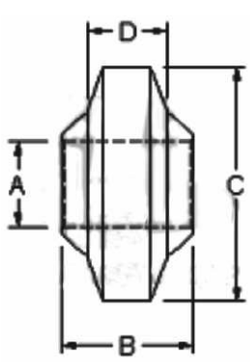




Lift Arm Ball Sockets

Weld-on lift arm Ball Sockets to fit cat 0 through cat 3 tractors. Yellow zinc dichromate plated or black phosphate finish.

Part Number	CAT	Pin Hole Size(A) mm	Length Thru Bore(B) mm	Sleeve Outer Dia(C) mm	Sleeve Width (D) mm	WEIGHT IN KG.
AE BS 28001	0	16	25.4	51	19	0.260
AE BS 28002	1	22	35	60	22	0.390
AE BS 28003	1 & 2	22 & 28.5	45	70	30	0.650
AE BS 28004	1 & 2	22 & 28.5	45	80	35	0.400
AE BS 28005	2	29	32	60	24	0.320
AE BS 28006	2	29	45	70	32	0.885
AE BS 28007	2	29	45	80	35	0.870
AE BS 28008	3	36	45	89	34	1.130
AE BS 28009	0	16	25	51	19	0.260
AE BS 28010	1	22	35	60	22	0.390
AE BS 28011	1 & 2	22 & 28.5	45	70	30	0.650
AE BS 28012	1 & 2	22 & 28.5	45	80	35	0.400
AE BS 28013	2	29	32	60	24	0.320
AE BS 28014	2	29	45	70	32	0.885
AE BS 28015	2	29	45	80	35	0.870
AE BS 28016	3	36	45	89	34	1.130



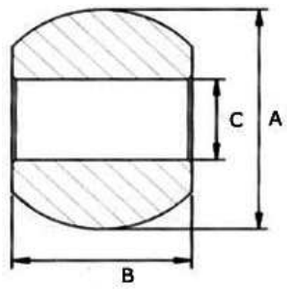
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Replacement Ball

Replacement Balls for Cat 0,1,2 & 3 Hardened Yellow Zinc Plated.

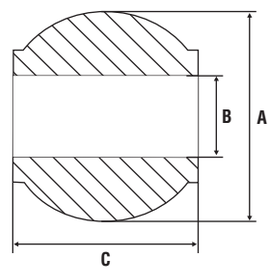


Part Number	A	B	C
AE LLB 29001	40	28	18
AE LLB 29002	44	35	22
AE LLB 29003	46	35	22
AE LLB 29004	46	35	25
AE LLB 29005	46	35	28
AE LLB 29006	48	35	28
AE LLB 29007	50	35	22
AE LLB 29008	50	35	28
AE LLB 29009	56	35	22
AE LLB 29010	56	35	28
AE LLB 29011	56	45	22
AE LLB 29012	56	45	28
AE LLB 29013	57	35	28
AE LLB 29014	57	35	22
AE LLB 29015	57	38	25
AE LLB 29016	57	38	28
AE LLB 29017	60	44	32
AE LLB 29018	60	44	36
AE LLB 29019	62	45	28
AE LLB 29020	64	45	28
AE LLB 29021	64	45	35
AE LLB 29022	64	45	37
AE LLB 29023	64	45	38



Top Link Replacement Ball

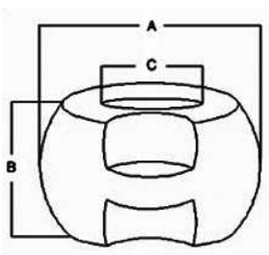
Replacement Balls for Cat 0,1,2 & 3 Hardened Yellow Zinc Plated.



Part Number	A(mm)	B(mm)	Length C mm
AE TLB 30001	38	19	44
AE TLB 30002	42	19	44
AE TLB 30003	50	25	51
AE TLB 30004	54	25	51
AE TLB 30005	54	32	51
AE TLB 30006	60	25	51
AE TLB 30007	60	32	51
AE TLB 30008	62	25	51
AE TLB 30009	62	32	51
AE TLB 30010	57	32	51
AE TLB 30011	78	40	75
AE TLB 30012	78	45	75
AE TLB 30013	78	40	65



Ball with Cut



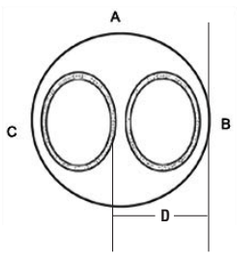
Part Number	A(mm)	B(mm)	C mm
AE BC 31001	56	35	22
AE BC 31002	56	35	28
AE BC 31003	56	45	22
AE BC 31004	56	45	28





Dual Category Ball

Replacement Balls for Cat 0,1,2 & 3 Hardened Yellow Zinc Plated. Ball also available with cut.

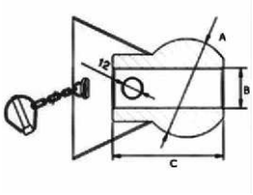


Part Number	A mm	B mm	C mm	D mm
AE DCB 32001	57.00	22.50	28.70	44.50
AE DCB 32002	56.50	22.50	28.70	44.50



Guide Cone Ball

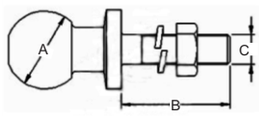
Replacement Balls for Cat 0,1,2 & 3 Hardened Yellow Zinc Plated.



Part Number	A mm	B mm	C mm
AE GCB 33001	56	28.4	69
AE GCB 33002	64	28.4	72
AE GCB 33003	64	38	72
AE GCB 33004	44	22	56



Hitch Balls

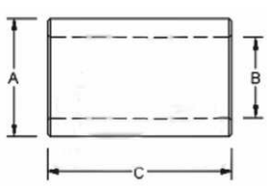


PART NUMBER	BALL DIA (mm)	LENGTH B(mm)	THREAD (C)	WEIGHT IN KG.
AE HB 34001	50.00	70.00	3/4" UNF	0.950
AE HB 34002	50.00	70.00	7/8" UNF	1.030
AE HB 34003	50.00	70.00	1" UNF	1.155
AE HB 34004	51.00	51.00	5/8" UNF	0.850
AE HB 34005	50.00	51.00	3/4" UNF	0.880
AE HB 34006	50.00	40.00	3/4" UNF	0.895
AE HB 34007	50.00	40.00	7/8" UNF	0.820
AE HB 34008	50.00	45.00	3/4" UNF	0.920
AE HB 34009	50.00	51.00	1" UNF	1.100
AE HB 34010	50.00	76.00	1" UNF	1.082
AE HB 34011	47.00	46.00	3/4" UNF	0.720
AE HB 34012	58.50	63.50	1" UNF	1.585
AE HB 34013	58.50	63.50	1-1/4" UNF	1.855
AE HB 34014	58.50	63.50	1-3/8" UNF	2.035
AE HB 34015	50.00	43.00	3/4" UNF	0.950
AE HB 34016	50.00	40.00	3/4" UNF	0.771
AE HB 34017	50.00	40.00	3/4" UNF	0.820
AE HB 34018	47.50	70.00	3/4" UNF	0.920
AE HB 34019	47.50	70.00	3/4" UNF	0.780
AE HB 34020	46.75	28.00	5/8x11 UNC R.H.	1.040
AE HB 34021	46.75	14.75	5/8x11 UNC R.H.	0.850



Conversion Bushes

For Reducing the Pin Hole of Lift Arms or Top Links to Accommodate a Smaller Category Pin. Yellow Zinc Dichromate Plated.



Part Number	CAT	A mm	B mm	C mm	WEIGHT IN KG.
AE CB 35001	0-1	25.4	19.05	16.5	0.035
AE CB 35002	0-1	16.00	11.00	41.00	0.027
AE CB 35003	1-2	25.40	19.00	51.00	0.077
AE CB 35004	1-2	28.00	22.00	45.00	0.082
AE CB 35005	0-1	22.00	16.00	35.00	0.047
AE CB 35006	1-2	25.40	19.00	41.00	0.065
AE CB 35007	2-3	32.00	25.40	49.00	0.101
AE CB 35008	2-3	36.50	28.00	45.00	0.132
AE CB 35009	2-3	36.50	28.00	52.00	0.152

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Levelling Box Assembly

Part No. AE LA 36001

This Levelling Box Assembly fits Massey Ferguson
100 Series: 133, 135, 135 Petrol, 140, 152, 165
200 Series: 240
300 Series: 340
500 Series: 550



Levelling Box Assembly

Part No. AE LA 36002

This levelling Box Assembly Fits
Massey Ferguson
200 Series: 265, 275, 285, 290, 298
300 Series: 350, 362, 365, 372, 375, 382, 390, 398, 399
500 Series: 575, 590
600 Series: 675, 690, 698, 699



Levelling Box Assembly

Part No. AE LB 36003

This Leveling Box Assembly fits Ford New Holland
10 Series : 4410
1000 Series : 3000, 3055, 4000, 4100, 4200
30 Series : 4330
40 Series : 4340



Levelling Box Yoke Assembly

Part No. AE LA 36004

This Levelling Box Assembly fits
Ford New Holland, Fordson, Massey Ferguson



Levelling Box Yoke Assembly

Part No. AE LA 36005

This Levelling Box Assembly fits
Ursus C -330



Levelling Box Yoke Assembly

Part No. AE LA 36006

This Levelling Box Assembly fits
Ursus C -360





Levelling Box Assembly

Part No. AE LB 36007

This Leveling Box Assembly fits
Ford New Holland, Fordson, Major, Power Major, Super Major



Levelling Box Assembly

Part No. AE LB 36008

This Leveling Box Assembly fits Ford New Holland
10 Series : 5610, 7610, 7710
100 Series : 5600, 5700, 6600, 6700, 7600, 7700
1000 Series : 5000, 5100, 5200, 6000, 7000, 7100, 7200



Levelling Box Assembly

Part No. AE LB 36009

This Leveling Box Assembly fits Massey Ferguson: 165



Levelling Box Assembly

Part No. AE LA 36010

This Levelling Box Assembly Fits David Brown Tractor



LIFT ARM LEVELING ASSEMBLY

Part No. AE LB 36011

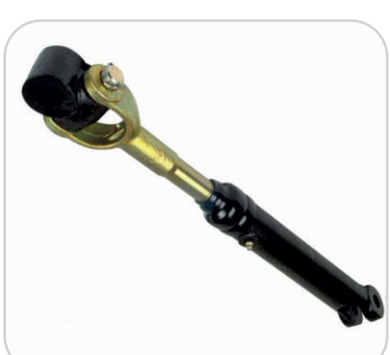
lift arm leveling assembly replaces Ford NCA577A. Each assembly is 18-1/2" closed, 25" open and has 7/8" UNF threading.
Available in black & blue.



Levelling Box Yoke Assembly

Part No. AE LA 36012

This Levelling Box Assembly LH fits
Massey Ferguson: 35, 35X



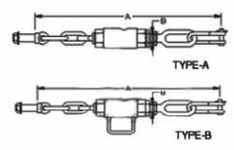
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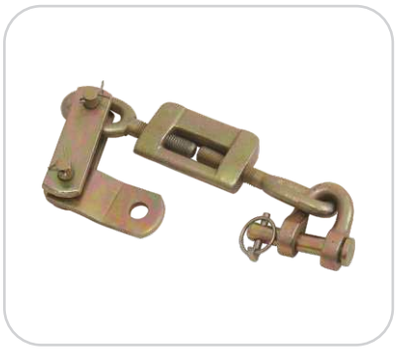




Stablizer Chain Ford

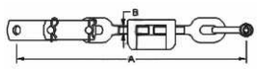
Part Number	TYPE	A MIN. (mm)	A MAX. (mm)	B THREAD	WEIGHT IN KG.
AE SCA 37001	A	565	620	3/4" UNC	2.850
AE SCA 37002	B	565	620	3/4" UNC	3.030
AE SCA 37003	B	580	365	3/4" UNC	3.570
AE SCA 37004	A	580	635	3/4" UNC	3.385





Stabilizer Chain Assemblies (M.F.)

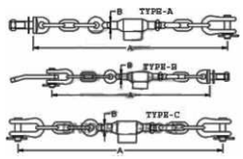
Part Number	A MIN. (mm)	A MAX. (mm)	B THREAD	WEIGHT IN KG.
AE SCA 38001	565	640	3/4 ins UNC	4.410
AE SCA 38002	440	510	3/4 ins UNC	2.633





Universal Stabilizer Chain Assly. (UTB)

Part Number	TYPE	A MIN.		A MAX.		B (THREAD)	WEIGHT IN KG.
		mm	inch	mm	inch		
AE US 39001	A	650	25-19/32	720	28-11/32	M16x2	2.450
AE US 39002	B	630	24-13/16	700	27-9/16	M20x2.5	3.500
AE US 39003	C	590	23-1/4	660	26	M20x2.5	2.345
AE US 39004	C	655	25-25/32	725	28-17/32	M20x2.5	2.515
AE US 39005	C	790	31-1/8	870	34-1/4	M20x2.5	2.905





STABILIZER CHAINS

Part No. AE SE 40001

Pair of universal stabilizer chains work with our stabilizer kit and are for most category 1 applications. Yellow zinc plated.







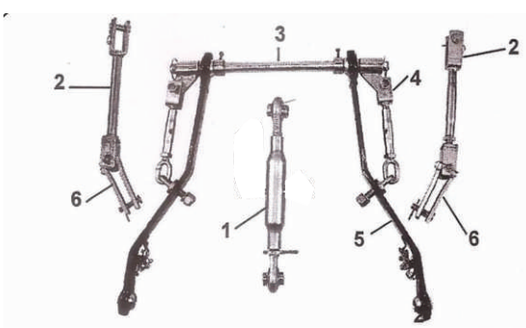


3 POINT LINKAGE KIT

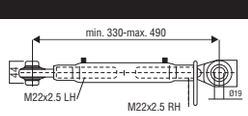
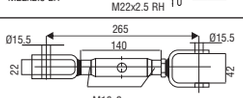
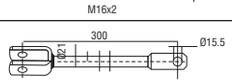
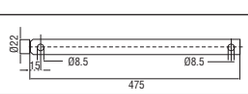
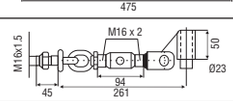
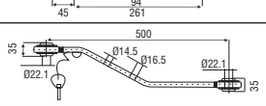
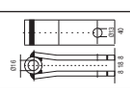
This kit will convert most 2 point link tractors upto 25hp into 3 point linkage tractor. These kits are manufactured from high grade steel.







Part Number	LIFT ARM	T.L. ASSY.	TRACTOR MAKE
AE KK 41001	12x50x500	M22X2.5-230	KUBOTA
AE IK 41002	12x50x500	M22X2.5-230	ISEKI
AE KK 41003	12x50x500	M22X2.5-320	KUBOTA
AE IK 41004	12x50x500	M22X2.5-320	ISEKI
AE KK 41005	16x50x500	M24X2.5-320	KUBOTA
AE IK 41006	16x50x500	M24.2.5-320	ISEKI
AE KK 41006	16x50x600	M27X3.0-400	KUBOTA
AE IK 41007	16x50x600	M27X3.0-400	ISEKI

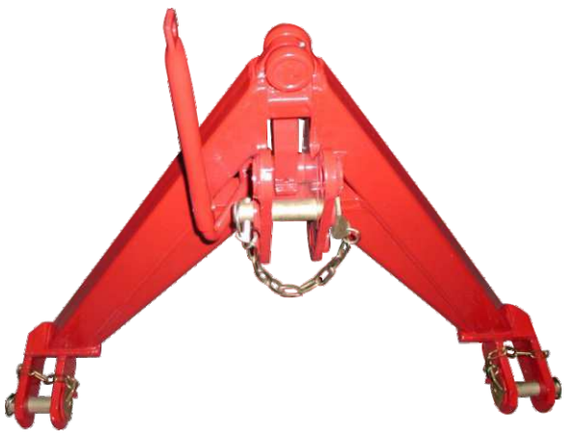
Description	No.	
Top Link Assembly	1	
Adjustable Levelling arm	2	
Levelling Assembly	2	
Draw Bar	3	
Adjustable Stabilizer	4	
Lower Link Arm	5	
Kubota Type	6	
Iseki Type		

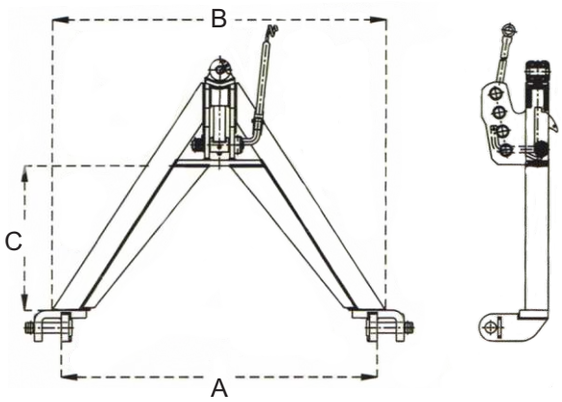
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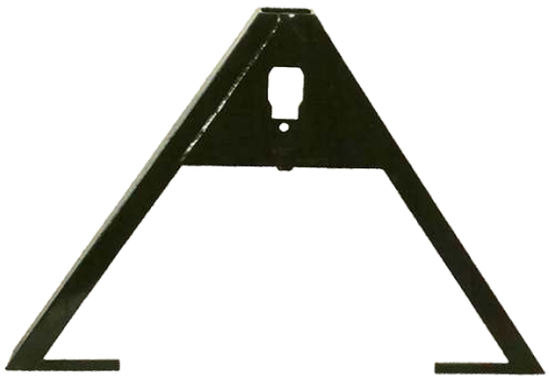
REAR LINKAGE QUICK HITCH (A-FRAME)

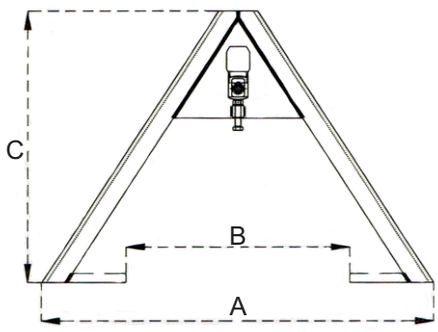




PART NO.	DIM.A		DIM.B		DIM-C	
	MM	INCHES	MM	INCHES	MM	INCHES
AE AF 42001	825	32.5"	864	34"	376	14.8"

REAR LINKAGE QUICK HITCH (COUNTER-FRAME)





PART NO.	DIM.A		DIM.B		DIM-C	
	MM	INCHES	MM	INCHES	MM	INCHES
AE CF 43001	861	33.90"	492	19.37"	598	23.54"





URSUS TRACTOR PARTS

TOP LINK ASSEMBLY

FOR URSUS C-330



FOR URSUS C-360



FOR URSUS C-385



LOWER LINK (URSUS)



LEVELING BOX ASSEMBLY



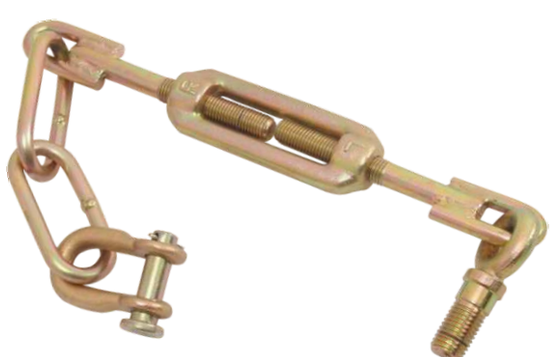
FOR URSUS C-360

FOR URSUS C-330

STABILIZER CHAINS FOR URSUS

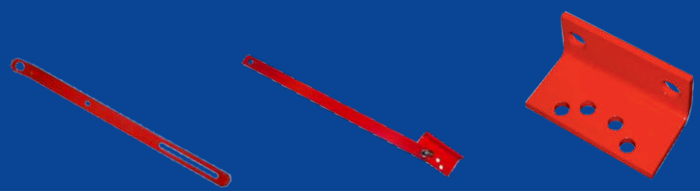


FOR URSUS C-330



FOR URSUS C-360

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UNIVERSAL STABILIZER ARM

Part No. AE SA 44001

Right or left universal stabilizer arm; 7/8" pin holes on 31-9/6" centers; fits stabilizer Kit



UNIVERSAL STABILIZER ARM

Part No. AE SA 44002

Right or left universal stabilizer arm; replaces Massey Ferguson ST 96362358; 7/8 pin holes on 33-1/8" centers



UNIVERSAL STABILIZER ARM

Part No. AE SA 44003

To increase the stability of the tractor lift arms it is designed. These stabilizer kits reduce side sway of the 3-point hitch when adjusted.



STABILIZER BRACKET

Part No. AE SB 44004

Our right or left universal stabilizer bracket fits a variety of stabilizer kits and category 1 tractors.



STAY STRAP

Part No. AE SS 45001

Our upper and lower stay straps are designed for category 1 tractors and used to maintain an implement on a 3-point hitch at a set height. Fits all Ferguson models, Ford 2N, 8N, 9N, NAA, 600, 700, 800, 900, Oliver 550 and all Oliver 3-point conversion, Massey-Ferguson 35 and 50 models.



ADJUSTABLE STABILIZER ARM

Part No. AE SA 46001

Heavy Duty adjustable forged stabilizer arm; fits all ferguson models, Ford 2N, 8N, 9N, NAA, 600, Massey-Ferguson 35, 50, 175, 165, 180; adjustable from 28-1/2" to 36", 7/8" pin holes; 7/8" NF threads; yellow zinc plated



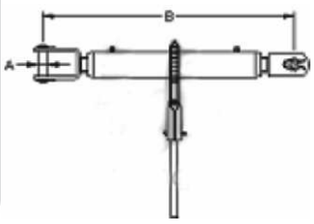






Ratchet Jacks

Ratchet jack are mechanical device used for moving, lifting and bracing loads of all kinds. Our range of ratchet jacks provide major advantages of high lifting capacity, low toe height and light weight. These jacks are available with standards accessories including clevis pins, clips and handle with powder coated finish. Designed to reduce work hazards, our range of ratchet jacks strictly comply with industrial safety standards.



Part Number	Pin Hole Dia (ins)	Tube Dia and Thickness	THREAD	Open Length (ins)	Handle Dia, Thickness & Length
AE RJ 47001	1	50.8 x 4	1-1/4"x7 UNC	27.953	12.7 x 208
AE RJ 47002	1	50.8 x 4	1-1/4"x5 ACME	27.953	21 x 2 x 302
AE RJ 47003	1	50.8 x 4	1-1/4"x5 ACME	67.992	21 x 2 x 606
AE RJ 47004	1	50.8 x 4	1-1/4"x7 UNC	22.244	21 x 2 x 159
AE RJ 47005	1	50.8 x 4	1-1/4"x5 ACME	27.953	21 x 2 x 302

DRILL DRAG CHAIN

Grain drill chains help cover seeds planted in furrows with out back tracking over the seeds that were just planted. Drill drag chains are precision engineered to fit standard seed drills.

PART NO.	RING DIAMETER	RING THICKNESS
AE DC 48001	3-1/2 "	1/2 "



ADAPTER BUSHINGS

Part No. AE SB 49001

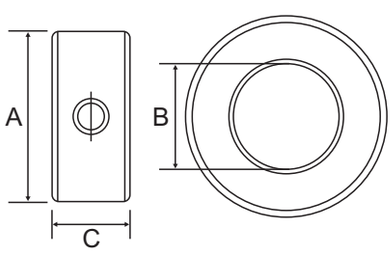
Adapter bushings for CAT 1 & CAT 2 quick hitches.
Yellow zinc dichromate.



Shaft Locking Collars

Shaft collars are used as mechanical stops, locating components & bearing faces. It is very easy to install. Yellow zinc dichromate plated.





Part Number	SHAFT SIZE	OUT SIDE DIA A(mm)	INSIDE DIA B (mm)	WIDTH C(mm)	SCREWSIZE
AE SLC 50001	1/4	12.7	6.86	7.14	10 32
AE SLC 50002	5/16	15.88	8.46	8.74	10 32
AE SLC 50003	3/8	19.05	10.03	9.53	1/4 x20
AE SLC 50004	7/16	22.23	11.63	11.13	1/4 x20
AE SLC 50005	1/2	25.4	13.21	12.7	1/4 x20
AE SLC 50006	9/16	28.58	14.81	14.3	1/4 x20
AE SLC 50007	5/8	28.58	16.38	14.3	5/16 x 18
AE SLC 50008	11/16	34.93	17.98	15.88	5/16 x 18
AE SLC 50009	3/4	34.93	19.56	15.88	5/16 x 18
AE SLC 50010	13/16	38.1	21.16	15.88	5/16 x 18
AE SLC 50011	7/8	38.1	22.73	15.88	5/16 x 18
AE SLC 50012	15/16	41.28	24.33	15.88	5/16 x 18
AE SLC 50013	1	41.28	25.91	15.88	5/16 x 18
AE SLC 50014	1 1/16	44.45	27.51	15.88	5/16 x 18
AE SLC 50015	1 3/16	50.8	30.68	17.48	3/8 x 16
AE SLC 50016	1 1/4	50.8	32.26	17.48	3/8 x 16
AE SLC 50017	1 5/16	53.98	33.86	19.05	3/8 x 16
AE SLC 50018	1 3/8	53.98	35.43	19.05	3/8 x 16
AE SLC 50019	1 7/16	57.15	37.03	19.05	3/8 x 16
AE SLC 50020	1 1/2	57.15	38.61	20.65	3/8 x 16
AE SLC 50021	1 5/8	63.5	41.78	22.23	3/8 x 16
AE SLC 50022	1 3/4	69.85	44.96	22.23	1/2 x 13
AE SLC 50023	1 7/8	69.85	48.13	22.23	1/2 x 13
AE SLC 50024	1 15/16	76.2	49.73	22.23	1/2 x 13
AE SLC 50025	2	76.2	51.31	22.23	1/2 x 13

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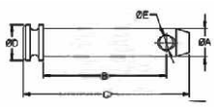


LINKAGE PINS

Top Link Pins

Available in a Variety of Sizes from Cat 0 to Cat 3. Yellow Zinc Dichromate Plated.



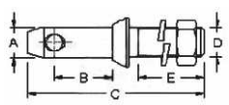


Part Number	CAT	A(mm)	(B)mm	(C)mm	(D)mm	(E)mm	WEIGHT IN KG.
AE TLP 51001	0	16	43	70	22	8	0.110
AE TLP 51002	0	16	71	102	22	9	0.166
AE TLP 51003	0	16	80	113	19	7	0.166
AE TLP 51004	1	19	52	90	22	12	0.181
AE TLP 51005	1	19	57	90	22	12	0.181
AE TLP 51006	1	19	76	113	22	12	0.226
AE TLP 51007	1	19	92	127	22	12	0.260
AE TLP 51008	1	19	102	138	22	12	0.285
AE TLP 51009	1	19	102	138	24	12	0.285
AE TLP 51010	1	19	127	163	22	12	0.345
AE TLP 51011	1	19	127	163	24	12	0.380
AE TLP 51012	2	25.4	102	140	28	12	0.512
AE TLP 51013	2	25.4	109	148	28	12	0.532
AE TLP 51014	2	25.4	115	154	28	12	0.752
AE TLP 51015	2	25.4	116	154	28	12	0.570
AE TLP 51016	2	25.4	120	156	28	12	0.462
AE TLP 51017	2	25.4	142	180	28	12	0.668
AE TLP 51018	2	28	77	116	32	12	0.571
AE TLP 51019	2	28	95	133	32	12	0.625
AE TLP 51020	2	28	101.6	127	32	12	0.640
AE TLP 51021	2	28	115	154	32	12	0.694
AE TLP 51022	2	28	129	164	32	12	0.731
AE TLP 51023	3	32	90	127	38	12	0.775

Forged Lift Arm Pin

Available in a Variety of Sizes from Cat 0 to Cat 3. Yellow Zinc Dichromate Plated.

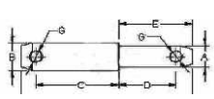




Part Number	CAT	A(mm)	(B)mm	(C)mm	(D)mm	(E)mm	WEIGHT IN KG.
AE LAP 52001	1	22	25.4	110	7/8"UNF	41	0.480
AE LAP 52002	1	22	19	121	5/8" UNF	19	0.382
AE LAP 52003	1	22	51	137	5/8" UNF	35	0.397
AE LAP 52004	1	22	51	137	7/8" UNF	41	0.502
AE LAP 52005	1	22	51	137	3/4" UNF	48	0.435
AE LAP 52006	1	22	51	144	1" UNF	51	0.610
AE LAP 52007	1	22	51	145	1-1/8" UNF	60	0.712
AE LAP 52008	1	22	51	146	7/8" UNF	35	0.572
AE LAP 52009	1	22	51	146	7/8" UNF	35	0.490
AE LAP 52010	1	22	51	146	1-1/8" UNC	51	0.755
AE LAP 52011	1	22	51	148	7/8" UNF	53	0.517
AE LAP 52012	1	22	52	138	M20	39	0.457
AE LAP 52013	1	22	64	163	7/8" UNF	58	0.578
AE LAP 52014	2	28	51	141	3/4" UNF	35	0.637
AE LAP 52015	2	28	51	146	1-1/8" UNF	51	0.748
AE LAP 52016	2	28	57	163.5	1-1/8" UNF	60	0.988
AE LAP 52017	2	28	60	137	7/8" UNF	35	0.679
AE LAP 52018	2	28	60	144	7/8" UNF	40	0.702
AE LAP 52019	2	28	60	149	3/4" UNF	54	0.643
AE LAP 52020	2	28	60	149	7/8" UNF	35	0.759
AE LAP 52021	2	28	60	149	1" UNF	51	0.820

Dual Category Pins





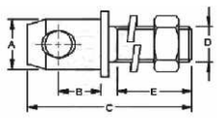
Part Number	A (mm)	(B) mm	(C) mm	(D) mm	(E) mm	(F) mm	(G) mm	WEIGHT IN KG.
AE TLP 53001	16	22	-	53	60	85	5	0.082
AE TLP 53002	19	25.4	-	100	111	175	12	0.840
AE TLP 53003	22	28	60	87	105	181	12	0.631
AE TLP 53004	22	28	60	87	105	181	12	0.602
AE TLP 53005	22	28	60	50	65	140	12	0.600
AE TLP 53006	22	28	62	85	105	190	12	0.675
AE TLP 53007	22	28	87	60	78	181	12	0.670
AE TLP 53008	22	28	113	60	78	206	12	0.354
AE TLP 53009	35	40	132	31	47	195	12	1.722
AE TLP 53010	21.6	28.5	109.5	87	100	220.726	12	0.909
AE TLP 53011	28	22	-	104	118	208	12	0.795





Stabilizer Pins

Stabilizer Pins for a Variety of Tractors and Stabilizer Kits. Available with or without the Nut and Spring Washer.Yellow Zinc Dichromate Plated.

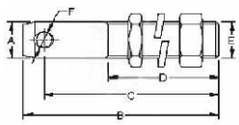


Part Number	(A) mm	(B) mm	(C) mm	(D) Thread	(E) mm	WEIGHT IN KG.
AE SP 54001	19	16	70	3/4" UNF	28	0.201
AE SP 54002	22	17	68	5/8" UNF	28	0.174
AE SP 54003	22	17	68	5/8" UNF	28	0.129
AE SP 54004	22	17	87	3/4" UNF	28	0.188
AE SP 54005	22	31	76	5/8" UNF	27	0.200
AE SP 54006	22	31	76	5/8" UNF	27	0.196
AE SP 54007	22	13	67	5/8" UNF	28	0.168
AE SP 54008	22	13	67	5/8" UNF	28	0.126
AE SP 54009	22	19	73	5/8" UNF	34	0.179
AE SP 54010	22	16	67	5/8" UNF	30	0.161
AE SP 54011	22	19	114	5/8" UNF	25.4	0.300
AE SP 54012	22	19	69	5/8" UNF	28	0.130
AE SP 54013	22	22	103	3/4" UNF	57	0.694
AE SP 54014	22	22	103	3/4" UNF	57	0.400
AE SP 54015	22	17	83	3/4" UNF	28	0.280



Adjustable Lift Arm Pins

Available in a Variety of Sizes in Cat 1 and Cat 2 with Adjustable Usable Length.Yellow Zinc Dichromate Plated.

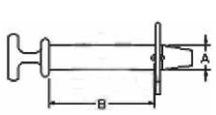


Part Number	CAT	A(mm)	B(mm)	C(mm)	D(mm)	E	F(mm)	WEIGHT IN KG.
AE ALP 55001	0	16	102	89	56	5/8"UNF	7	0.200
AE ALP 55002	0-1	22	114	102	51	5/8" UNF	12	0.260
AE ALP 55003	1-0	16	117	107	67	7/8" UNF	7	0.937
AE ALP 55004	1-0	16	127	113 & 122	57	7/8" UNF	7 & 4	0.250
AE ALP 55005	1	22	83	72	51	7/8" UNF	12	0.332
AE ALP 55006	1	22	108	69	43	7/8" UNF	12	0.400
AE ALP 55007	1	22	135	116	70	7/8" UNF	12	0.512
AE ALP 55008	1	22	160	143	86	7/8" UNF	12	0.542
AE ALP 55009	1	22	190	178	124	7/8" UNF	12	0.632
AE ALP 55010	1-2	28	133	116	65	7/8" UNF	12	0.620
AE ALP 55011	2	28	152	79	73	1" UNC	12	0.807
AE ALP 55012	2	28	152	136	76	1-1/8" UNC	12	0.954
AE ALP 55013	2	28	152	136	86	1-1/8" UNF	12	1.032
AE ALP 55014	2	28	190	171	114	1-1/8" UNF	12	1.132
AE ALP 55015	2-3	36.5	165	146	89	1-1/8" UNF	12	1.240

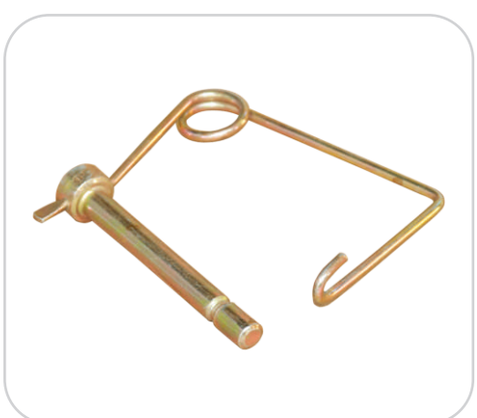


T Handle Clevis Pins

For Use with straight & twisted clevises. Made from high tensile steel and heat treated to grade 5 specification. Drop forged one piece. Clip pin is included. Yellow zinc dichromate plated.

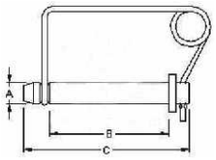


Part Number	Pin Hole Size(A) mm	Usable Length (B) mm	Pin Hole Size(A)inch	Usable Length (B)inch	WEIGHT IN KG.
AE THP 56001	12.7	57	0.500	2.244	0.100
AE THP 56002	16	79	0.630	3.110	0.208
AE THP 56003	19	83	0.748	3.268	0.290
AE THP 56004	22	95	0.866	3.740	0.476
AE THP 56005	25.4	108	1.000	4.252	0.680



Safety Lock Hitch Pins

Medium carbon steel forged Hitch pins with Spring Steel wire lock handle to hold pin in place. Yellow zinc dichromate plated.



Part Number	Pin Hole Size (A)mm	Usable Length (B)mm	Overal Length (C) mm	Pin Hole Size (A)inch	Usable Length (B)inch	Overal Length (C) mm	WEIGHT IN KG.
AE LHP 57001	12.7	108	152	0.5	4.25	5.98	0.220
AE LHP 57002	16	108	152	0.63	4.25	5.98	0.318
AE LHP 57003	19	108	152	0.75	4.25	5.98	0.415
AE LHP 57004	19	159	203	0.75	6.26	7.99	0.532
AE LHP 57005	22	159	203	0.87	6.26	7.99	0.694
AE LHP 57006	25.4	159	203	1	6.26	7.99	0.864

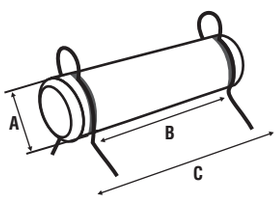
Phone : +91-161-5045090 Mobile : +91-93566-09944, +91-98558-56443 E-mail : info@autoengineersindia.com Website : www.autoengineersindia.com





Hydraulic Cylinder Pins

Pins in Various Lengths for Hydraulic Cylinders and Jacks.Clip Pins Included.Yellow Zinc Dichromate Plated

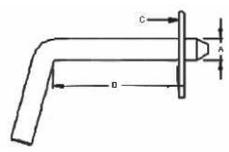


Part Number	A (mm)	B (mm)	C (mm)	A (inch)	B (inch)	C (inch)	WEIGHT IN KG.
AE CP 58001	25.4	52	71	1"	2-1/32"	2-13/16"	0.290
AE CP 58002	25.4	70	90	1	2-3/4"	3-9/16"	0.345
AE CP 58003	25.4	79	100	1	3-1/8"	3-15/16"	0.372
AE CP 58004	25.4	86	102	1	3-3/8"	4"	0.400
AE CP 58005	28	50	71	1-1/8"	1-31/32"	2-13/16"	0.330
AE CP 58006	19.05	42.3	83	3/4	1-2/3	3-19/71	0.135
AE CP 58007	19	65	72	3/4	2-52/93	2-5/6	0.158
AE CP 58008	25.4	65	80.95	1	2-52/93	3-3/16	0.310
AE CP 58009	19.8	53	61	7/9	2-2/23	2-2/5	0.125
AE CP 58010	25.4	70	84.5	1	2-65/86	3-17/52	0.323
AE CP 58011	25.4	63.5	79	1	2-1/2	3-1/9	0.300

Bent Hitch Pins

For Use with Farm & Lawn Tractors.Also Used on Snow Plows & Other Industrial Applications.Clip Pin is Included.Yellow Zinc Dichromate Plated.



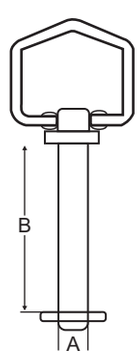


Part Number	A(mm)	B(mm)	A (inch)	B (inch)	WEIGHT IN KG.
AE BHP 59001	12.700	76.000	1/2	3	0.153
AE BHP 59002	12.700	76.000	1/2	3	0.160
AE BHP 59003	12.700	102.000	1/2	4	0.180
AE BHP 59004	12.700	92.000	1/2	3-5/8	0.155
AE BHP 59005	16.000	76.000	5/8	3	0.240
AE BHP 59006	19.000	108.000	3/4	4-1/4	0.470
AE BHP 59007	19.000	89.000	3/4	3-1/2	0.380
AE BHP 59008	15.621	85.852	8/13	3-19/50	0.220
AE BHP 59009	15.621	85.852	8/13	3-19/50	0.217
AE BHP 59010	15.621	85.852	8/13	3-19/50	0.220
AE BHP 59011	12.446	60.477	24/49	2-8/21	0.211
AE BHP 59012	12.446	60.477	24/49	2-8/21	0.114
AE BHP 59013	12.446	60.477	24/49	2-8/21	0.110
AE BHP 59014	15.621	85.852	8/13	3-19/50	0.217
AE BHP 59015	20.000	150.000	37/47	5-48/53	0.676
AE BHP 59016	12.000	60.985	43/91	2-2/5	0.113

Hitch Pins Swivel Handle

Medium Carbon Steel Forged Hitch Pins with a Swivel Handle. Available with Clip Pin or Lynch Pin. Yellow Zinc Dichromate Plated.



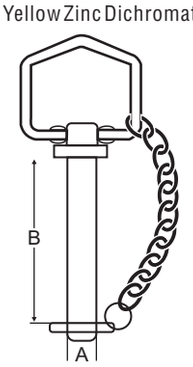


Part Number	PIN DIAM. A(ins)	Usable Length (B) mm
AE SHP 60001	3/8 "	4-1/4 "
AE SHP 60002	1/2 "	4-1/4 "
AE SHP 60003	1/2 "	6-1/4 "
AE SHP 60004	5/8 "	4-1/4 "
AE SHP 60005	5/8 "	6-1/4 "
AE SHP 60006	3/4 "	4-1/4 "
AE SHP 60007	3/4 "	6-1/4 "
AE SHP 60008	7/8 "	4-1/4 "
AE SHP 60009	7/8 "	6-1/4 "
AE SHP 60010	1 "	4-1/4 "
AE SHP 60011	1 "	6-1/4 "
AE SHP 60012	1-1/8 "	6-1/4 "
AE SHP 60013	1-1/4 "	6-1/4 "

Hitch Pins Swivel Handle With Chain

Medium Carbon Steel Forged Hitch Pins with a Swivel Handle. Available with Clip Pin or Lynch Pin. Yellow Zinc Dichromate Plated.



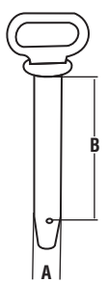


Part Number	PIN DIAM. A(ins)	Usable Length (B) mm
AE SHP 61001	3/8 "	4 "
AE SHP 61002	1/2 "	4 "
AE SHP 61003	1/2 "	5-3/4 "
AE SHP 61004	5/8 "	4 "
AE SHP 61005	5/8 "	5-3/4 "
AE SHP 61006	3/4 "	4 "
AE SHP 61007	3/4 "	6-1/4 "
AE SHP 61008	7/8 "	7 "
AE SHP 61009	1 "	7 "
AE SHP 61010	1-1/8 "	7 "
AE SHP 61011	1-1/4 "	7 "



Drop Forged Grade 5 Hitch Pins

One Piece, drop forged, grade 5 performance hitch pins are made from high strength steel and heat treated. Zinc plated hair pins included. Yellow zinc dichromate plated.

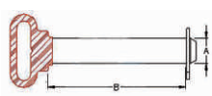


Part Number	Pin Dia (A)inches	Usable Length(B)inches	Pin Dia (A)mm	Usable Length(B)mm	Handle	WEIGHT IN KG.
AE FHP 62001	0.43	3.50	11	89	WIRE	0.17
AE FHP 62002	0.50	3.50	12.7	89	WIRE	0.20
AE FHP 62003	0.63	3.74	15.8	95	SOLID	0.30
AE FHP 62004	0.63	6.00	15.8	152.4	SOLID	0.40
AE FHP 62005	0.75	4.00	19	101.6	SOLID	0.44
AE FHP 62006	0.75	6.25	19	158.8	SOLID	0.55
AE FHP 62007	0.87	4.25	22	108	SOLID	0.56
AE FHP 62008	0.87	6.50	22	165	SOLID	0.70
AE FHP 62009	1.00	4.75	25.4	120.6	SOLID	0.80
AE FHP 62010	1.00	6.75	25.4	171.5	SOLID	0.98
AE FHP 62011	1.13	7.0	28.5	177.8	SOLID	1.35
AE FHP 62012	1.25	7.0	31.8	177.8	SOLID	1.65
AE FHP 62013	1.38	7.0	35	177.8	SOLID	2.09
AE FHP 62014	1.50	8.0	38.1	203.2	SOLID	3.00



Red / Blue Hitch Pin

Made from High tensile steel and heat treated to **GRADE5/ GRADE 8** specification. Superior black powder coated finish on pin and red/blue vinyl coating on head & handle. Clip pin is included.

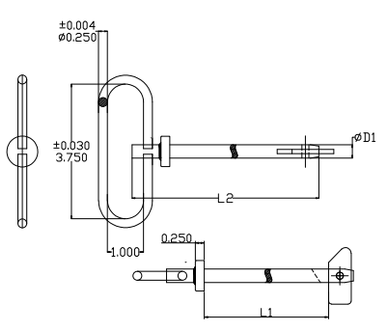


Part Number	Pin Dia (A) mm	Usable Length (B) mm	Pin Dia (A)inch	Usable Length (B) inch	SHIP WEIGHT IN KG.
AE RHP 63001	12.7	92	0.50	3.62	0.23
AE RHP 63002	15.8	101.5	0.63	4.00	0.35
AE RHP 63003	15.8	146	0.63	5.75	0.40
AE RHP 63004	19	101.5	0.75	4.00	0.49
AE RHP 63005	19	165	0.75	6.50	0.62
AE RHP 63006	22	108	0.87	4.25	0.62
AE RHP 63007	22	165	0.87	6.50	0.79
AE RHP 63008	25.4	120.5	1.00	4.74	0.84
AE RHP 63009	25.4	190.5	1.00	7.50	1.12
AE RHP 63010	28.5	216	1.13	8.50	1.49
AE RHP 63011	31.8	216	1.25	8.50	1.81
AE RHP 63012	38	216	1.50	8.50	2.54



SWIVEL TOGGLE LOCK HITCH PIN

Available in ring & capsule handle.
As per customer requirement.



PART NUMBER	D1 SHAFT DIA	L1 USABLE DIA	L2 OVERALL LENGTH
AE THP 64001	3/8 "	2-3/4 "	5-1/2 "
AE THP 64002	3/8 "	4 "	6-1/2 "
AE THP 64003	1/2 "	3-1/2 "	7-1/4 "
AE THP 64004	1/2 "	5-1/2 "	9-1/4 "
AE THP 64005	5/8 "	3-1/2 "	7-1/4 "
AE THP 64006	5/8 "	5-1/2 "	9-1/4 "
AE THP 64007	3/4 "	3-1/2 "	7-1/4 "
AE THP 64008	3/4 "	6 "	9-3/4 "
AE THP 64009	7/8 "	3-1/2 "	7-1/4 "
AE THP 64010	7/8 "	6 "	9-3/4 "
AE THP 64011	1 "	3-1/2 "	7-1/4 "
AE THP 64012	1 "	6 "	9-3/4 "

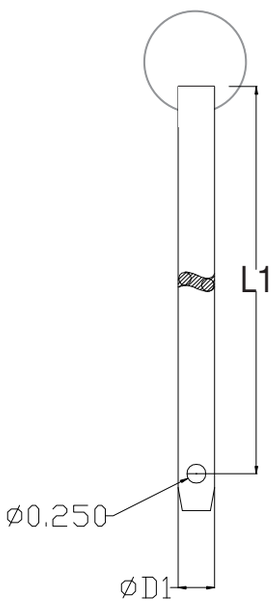
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RING DETENT PIN

Our Ring Detent pin allow for fast and easy insertion and removal of pin. Replaces pins that require a cotter pin style. Available in 3/16", 5/16", 7/16", 1/4", 3/8" & 1/2" diameter. Zinc plated carbon steel.





PART NUMBER	D1 SHAFT DIA	L1 USABLE DIA
AE DP 65001	3/16 "	1 "
AE DP 65002	3/16 "	1-1/2 "
AE DP 65003	3/16 "	2 "
AE DP 65004	3/16 "	3 "
AE DP 65005	1/4 "	1-1/4 "
AE DP 65006	1/4 "	1-1/2 "
AE DP 65007	1/4 "	2 "
AE DP 65008	1/4 "	3 "
AE DP 65009	1/4 "	4 "
AE DP 65010	1/4 "	5 "
AE DP 65011	5/16 "	1-1/2 "
AE DP 65012	5/16 "	2 "
AE DP 65013	5/16 "	2-1/2 "
AE DP 65014	5/16 "	3 "
AE DP 65015	5/16 "	4 "
AE DP 65016	5/16 "	5 "
AE DP 65017	3/8 "	1 "
AE DP 65018	3/8 "	1-1/2 "
AE DP 65019	3/8 "	2 "
AE DP 65020	3/8 "	3 "
AE DP 65021	3/8 "	4 "
AE DP 65022	3/8 "	5 "
AE DP 65023	7/16 "	2 "
AE DP 65024	7/16 "	3 "
AE DP 65025	7/16 "	4 "
AE DP 65026	7/16 "	5 "
AE DP 65027	1/2 "	1 "
AE DP 65028	1/2 "	1-1/2 "
AE DP 65029	1/2 "	2 "
AE DP 65030	1/2 "	2-1/2 "
AE DP 65031	1/2 "	3 "
AE DP 65032	1/2 "	4 "
AE DP 65033	1/2 "	5 "



HEAD TYPE



ROLL PIN TYPE



HEAD TYPE FOR CAT. 2 & 3

CLEVIS TYPE DRAW PINS

These draw pins are used with yoke type mountings.

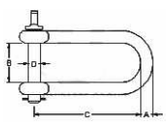
PART NUMBER	Cat.	Type	Pin Dia	Usable Length	Overall Length
AE CP 66001	1	Roll Pin	7/8"	4-1/2"	6"
AE CP 66002	2	Roll Pin	1-1/8"	3-5/16"	4-3/4"
AE CP 66003	2	Roll Pin	1-1/8"	4-3/4"	6-1/2"
AE CP 66004	2	Roll Pin	1-1/8"	5-3/8"	7"
AE CP 66005	2	Roll Pin	1-1/8"	7-3/8"	9"
AE CP 66006	2	Roll Pin	1-1/8"	9"	10-3/4"
AE CP 66007	3	Head	1-7/16"	4-11/16"	6"
AE CP 66008	3	Roll Pin	1-7/16"	6-1/4"	7-3/4"
AE CP 66009	2 & 3	Head	1-1/8' & 1-7/16"	3-5/8" & 4-1/4"	9-1/4"
AE CP 66010	2	Head	1-1/8"	5"	6"
AE CP 66011	1& 2	Head	7/8"	3-1/4" & 4-1/2"	9-1/4"
AE CP 66012	1	Head	7/8"	4"	5-1/4"





General Purpose Clevises

Medium carbon steel drop forged and stress relieved. Clevis body black powder coated and pin yellow zinc dichromate plated.

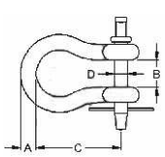


Part Number	Body Dia (A) ins :	Clevis Opening (B) ins	Usable Length (C) ins	Pin Dia (D) ins	WLL (kg.)	WEIGHT IN KG.
AE GPC 67001	0.75	2.50	6.57	0.75	4,500	1.830



Straight Clevises

Medium carbon steel drop forged and stress relieved. Clevis body black powder coated and pin yellow zinc dichromate plated.

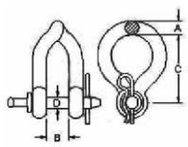


Part Number	Body Dia (A) ins :	Clevis Opening (B) ins	Usable Length (C) ins	Pin Dia (D) ins	Working Load Limit (kg.)	SHIP WEIGHT IN KG.
AE SC 68001	0.63	0.87	3.54	0.50	2,700	0.662
AE SC 68002	0.75	1.30	4.06	0.63	5,500	1.130
AE SC 68003	0.87	1.30	3.70	0.75	7,250	1.412
AE SC 68004	0.94	1.30	4.69	0.75	7,250	1.664
AE SC 68005	0.94	1.44	5.12	0.87	9,000	1.950
AE SC 68006	1	2.13	5.87	1	11,350	2.854



Twisted Clevises

Medium carbon steel drop forged and stress relieved. Clevis body black powder coated and pin yellow zinc dichromate plated.

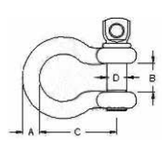


Part Number	Body Dia (A) ins :	Clevis Opening (B) ins	Usable Length (C) ins	Pin Dia (D) ins	WLL (kg.)	WEIGHT IN KG.
AE TC 69001	0.63	0.87	3.27	0.50	2,700	0.680
AE TC 69002	0.75	1.30	3.86	0.63	5,500	1.20
AE TC 69003	0.87	1.38	3.43	0.75	7,250	1.400
AE TC 69004	0.87	1.30	4.29	0.75	7,250	1.630
AE TC 69005	0.94	1.44	4.76	0.87	9,000	2.060
AE TC 69006	1	1.12	5.55	1	11,350	2.800



Farm Clevises

Medium carbon steel Drop Forged and Stress Relieved. Screw pin construction for multiple hitches & crawlertTractors. Clevis body black powder coated and screw pin yellow zinc dichromate plated..



Part Number	Body Dia (A) ins	Clevis Opening (B) ins	Usable Length (C) ins	Pin Dia D) ins	WLL (kg.)	WEIGHT IN KG.
AE FC 70001	0.24	0.47	1.3	0.32	450	0.063
AE FC 70002	0.32	0.55	1.46	0.39	900	0.095
AE FC 70003	0.39	0.71	1.65	0.43	1350	0.136
AE FC 70004	0.43	0.75	0.75	1/2	1800	0.217
AE FC 70005	0.63	1.06	2.88	0.75	4000	0.652
AE FC 70006	0.87	1.44	3.74	1	6750	1.531
AE FC 70007	1	1.69	4.37	1.12	7700	2.356
AE FC 70008	1.12	1.81	4.88	1.26	10850	3.112
AE FC 70009	1.26	2	5.2	1.38	12650	4.557

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Check Chain Clevis Eye Bolt

Part No. AE CCE 71001

This Eye Bolt Fastens To Lift Arm Replaces Ford NCB660A;
Fits Ferguson 20 & 30 With 9/16" Hex Nut

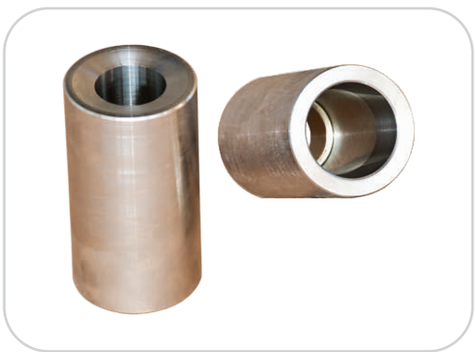


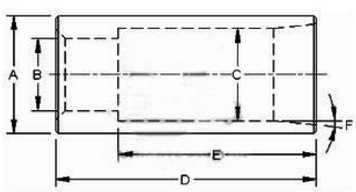
Check Chain Clevis

Part No. AE CCC 72001

This clevis fastens to tractor replaces Ford 9N582;
FITS MF 20,30 ,35,40,50







Tine Bushes

Precision Machined also available in self finish.

Part Number	OUTER DIA. A(mm)	INNER DIA. B(mm)	INNER DIA. C(mm)	LENGTH D(mm)	DEPTH E(mm)	ANGLE F	WEIGHT IN KG.
AE TB 73001	38	25.4	31	95	74	4° 30	0.300
AE TB 73002	40	23	25	105	78	5°	0.450
AE TB 73003	41	24	32	110	79	5°	0.510
AE TB 73004	41	24	32	110	79	5°	0.600
AE TB 73005	41	25.4	30	108	80	5°30	0.500
AE TB 73006	45	25	0.00	110	0.00	5°	0.765
AE TB 73007	50	23	29	110	85	6°	1.800
AE TB 73008	50	25	29	110	85	6°	1.080
AE TB 73009	50	28	0.00	105	0.00	10°	1.050
AE TB 73010	50	30	36	108	80	5°30"	0.760
AE TB 73011	50	30	39	110	84	6°	1.630
AE TB 73012	51	25	32	110	109	5°30	1.085
AE TB 73013	51	30	38	110	86	5°	0.755
AE TB 73014	55	32	0.00	120	0.00	4°30	1.240
AE TB 73015	33	0.00	14	63	46	3°	0.292
AE TB 73016	33	0.00	16.5	63	48	1.5°	0.281
AE TB 73017	33	0.00	16.5	63	48	1.5°	0.263
AE TB 73018	33	0.00	16.5	63	48	1.5°	0.281
AE TB 73019	33	0.00	16.5	63	48	1.5°	0.256
AE TB 73020	45	22	28	97	75	5°	1.270
AE TB 73021	50	32	39	110	84	5.5°	1.020
AE TB 73022	60	32	39	110	84	5.5°	1.800

HAY HOOK

Part No. AE CCE 74001

Red hay hook has a metal handle. Available in 11" & 17".



HAY HOOK

Part No. AE CCE 74002

Our leather handle hay hook protects hands. Available in 11" & 17"

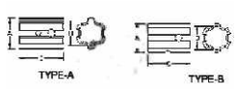






Sleeve Increasers

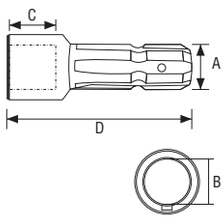
Precision Machined 1-1/8 x 6 to 1-3/8 x 6 Sleeve Increasers. Yellow Zinc Dichromate Plated



Part Number	Type	MALE SPLINE A	MALE SPLINE B	OVER ALL LENGTH C (mm)	WEIGHT IN KG.
AE SI 75001	A	1-3/8"x6	1-1/8"x6	51	0.085
AE SI 75002	B	1-3/8"x6	1-1/8"x6	57	0.098



Reduction with Slot & Without Slot

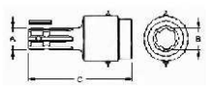


Part Number	MALE SPLINE A	DIAM. B(mm)	DEPTH C(mm)	OVER ALL LENGTH D (mm)	SLOT	WEIGHT IN KG.
AE PA 76001	1-3/8"x6	20	30	120	NO	0.800
AE PA 76002	1-3/8"x6	20	60	150	6x2.8	1.030
AE PA 76003	1-3/8"X6	25	30	120	NO	0.760
AE PA 76004	1-3/8"X6	25	30	150	8x3.3	1.170
AE PA 76005	1-3/8"X6	30	60	150	8x3.3	0.938
AE PA 76006	1-3/8"X6	35	30	120	NO	0.804
AE PA 76007	1-3/8"X6	35	60	165	10x3.8	1.150
AE PA 76008	1-3/8"X6	40	60	165	12x3.5	1.150



Over Running Clutch

Precision Machined Over Running Clutch to Overcome Damage from Situations of Higher Inertia Speed of PTO Driven Implement Over the Tractor PTO Speed Upto Max. 1000 RPM Operational Use.Yellow Zinc Dichromate Plated.

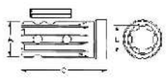


Part Number	MALE SPLINE A	FEMALE SPLINE B	OVER ALL LENGTH D (mm)	WEIGHT IN KG.
AE ORC 77001	1-3/8"x6	1-3/8"x6	165	2.134
AE ORC 77002	1-3/8"6	1-1/8"x6	165	2.428



Short Increaser/Grooved Sleeve

Precision Machined 1-1/8 x 6 to 1-3/8 x 6 Short Increaser. Supplied with Roll Pin. Yellow Zinc Dichromate Plated.



Part Number	MALE SPLINE A	FEMALE SPLINE B	OVER ALL LENGTH D (mm)	WEIGHT IN KG.
AE PA 78001	1-3/8"x6	1-1/8"x6	82.5	0.28

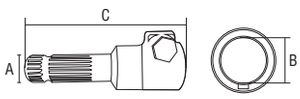
Phone : +91-161-5045090 Mobile : +91-93566-09944, +91-98558-56443 E-mail : info@autoengineersindia.com Website : www.autoengineersindia.com





PTO SPLINE ADAPTER

Precision machined & designed to connect implement to a tractor pto shaft.
It allows power to transferred from tractor to the implement.
Yellow zinc dichromate plated

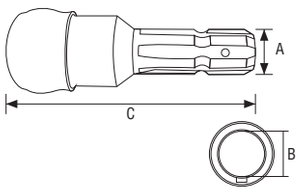


Part Number	MALE SPLINE A	FEMALE SPLINE B	OVER ALL LENGTH D (mm)	WEIGHT IN KG.
AE PA 79001	1-3/8" x 21	1-3/4" x 20	190	2.0
AE PA 79002	1-3/8" x 21	1-3/8" x 6	190	2.300



Quick Release PTO Adapter Extender

Increase/reduce diameter or extend length of tractors PTO shaft to fit implements PTO shaft. Yellow zinc plated.

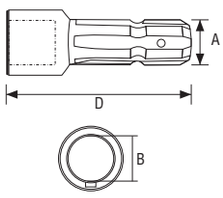


Part Number	MALE SPLINE A	FEMALE SPLINE B	OVER ALL LENGTH D (mm)	WEIGHT IN KG.
AE PA 80001	1-3/8" x 6	1-3/8" x 21	175	1.59
AE PA 80002	1-3/8" x 6	1-3/8" x 6	175	1.70



PTO Adaptor For KUBOTA/ MITSUBISHI/ ISEKI TRACTOR

Precision machined & designed to connect implement to a tractor pto shaft.
It allows power to transferred from tractor to the implement.
Yellow zinc dichromate plated



Part Number	MALE SPLINE A	FEMALE SPLINE B	OVER ALL LENGTH D (mm)
AE PA 81001	1-3/8" x 6	1" x 18	127



PTO YOKE PIN

Part No. AE PYP 82001

Yoke pin assembly; fits most PTO yokes Yellow zinc dichromate plated



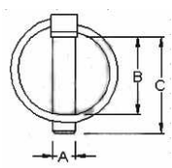
GENERAL HARDWARE ITEMS

Lynch Pins

Our lynch pins have over the center ring loop design that can be attached to the head snaps down hard to hold the fastener in place. Resistant to corrosion, these pins are made from zinc plated carbon steel and yellow chromate dipped. We also specialize in manufacturing heavy lynch rings for extreme applications.

***Special Packaging**





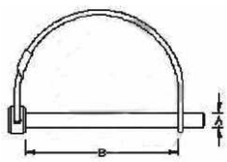
Part Number	A		B		C		SHIP WEIGHT
	inch	mm	inch	mm	inch	mm	IN KG.
AE LP 83001	3/16	4.5	1	25.4	1-1/4	32	0.012
AE LP 83002	3-16	4.5	1-1/4	32	1-7/16	36	0.013
AE LP 83003	3/16	4.5	1-7/16	36	1-3/4	45	0.016
AE LP 83004	1/4	6	1	25.4	1-1/4	32	0.016
AE LP 83005	1/4	6	1-27/64	36	1-3/4	45	0.022
AE LP 83006	9/32	7	1-7/16	36	1-11/16	43	0.025
AE LP 83007	5/16	8	1-7/16	36	1-3/4	45	0.029
AE LP 83008	3/8	9.5	1-7/16	36	1-11/16	43	0.034
AE LP 83009	3/8	9.5	1-7/16	36	2	51	0.042
AE LP 83010	3/8	9.5	1-7/16	36	1-3/4	45	0.038
AE LP 83011	0.393	10	1-7/16	36	1-3/4	45	0.042
AE LP 83012	0.393	10	1-3/16	56	2-1/2	63	0.034
AE LP 83013	0.413	10.5	1-7/16	36	1-3/4	45	0.043
AE LP 83014	7/16	11	1-3/4	45	2	51	0.061
AE LP 83015	7/16	11	1-7/16	36	1-3/4	45	0.050
AE LP 83016	7/16	11	1-7/16	36	2	51	0.061
AE LP 83017	7/16	11	1-9/16	40	2	51	0.058
AE LP 83018	7/16	11	2-9/32	58	2-3/4	70	0.073
AE LP 83019	15/32	12	1-7/16	36	1-3/4	45	0.056
AE LP 83020	0.43	11	1.42	36	1.73	44	0.050
AE LP 83021	0.43	11	1.58	40	1.97	50	0.062
AE LP 83022	0.43	11	1.77	45	2	51	0.061

PTO Locking Pins Round

Our range of PTO lock pins can be used for farm and lawn tractors. These pins have forged body and made up of spring steel wire loop. The automatic locking system ensures highest level safety and convenience during assembly. Yellow zinc dichromate plating ensures durability and long life. We can offer PTO lock pins in different specifications based upon the requirements of the clients.

***Special Packaging**





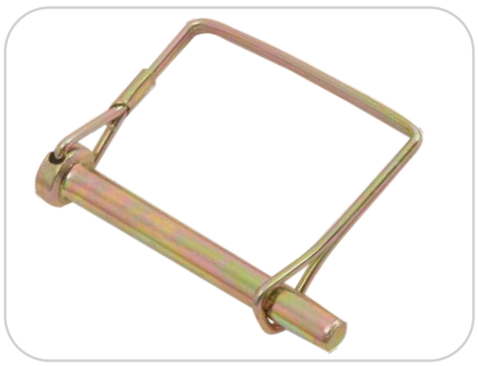
Part Number	A		B		SHIP WEIGHT
	inch	mm	inch	mm	IN KG.
AE PR 84001	1/4	6	1-3/8	35	0.028
AE PR 84002	1/4	6	1-3/4	45	0.028
AE PR 84003	1/4	6	2-1/2	63	0.031
AE PR 84004	5/16	8	1-1/4	32	0.027
AE PR 84005	5/16	8	1-3/8	35	0.036
AE PR 84006	5/16	8	1-3/4	45	0.036
AE PR 84007	3/8	9.5	1-1/2	38	0.050
AE PR 84008	3/8	9.5	1-3/4	45	0.070
AE PR 84009	3/8	9.5	2-27/32	72	0.075
AE PR 84010	3/8	9.5	2-1/2	63	0.080
AE PR 84011	7/16	11	3-9/16	90	0.105
AE PR 84012	7/16	11	2-27/32	72	0.095
AE PR 84013	0.394	10	1.575	40	0.062
AE PR 84014	0.315	8	1.378	35	0.035
AE PR 84015	1/4	6	2	51	0.026
AE PR 84016	1/4	6	2-1/4	57	0.031
AE PR 84017	5/16	8	1-11/16	43	0.036
AE PR 84018	5/16	8	2-1/2	63	0.070
AE PR 84019	3/8	9.5	2-1/4	57	0.058
AE PR 84020	1/4	6	1-7/8	48	0.030
AE PR 84021	3/8	10	2-1/4	56	0.061
AE PR 84022	0.32	8	2.244	57	0.043
AE PR 84023	0.39	10	2.244	57	0.060



***Special Packaging :** We Provide these goods with Barcode Labels / Single / Two Piece Pack / Bulk Case Packaging / Barcode Flag Labels / Assortments.

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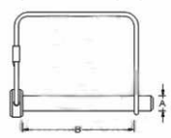




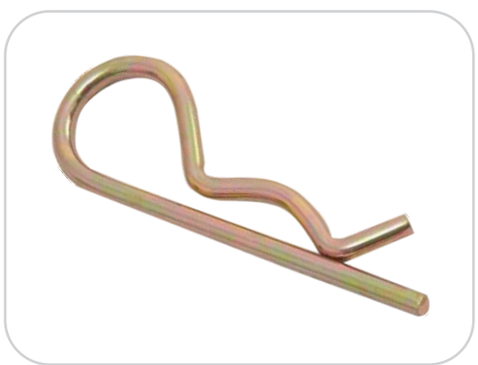
PTO Locking Pins Sqaure

For Use with Farm & Lawn Tractors and Other Industrial Applications.Forged Body with Spring Steel Wire Loop.Yellow Zinc Dichromate Plated.

***Special Packaging**



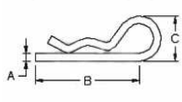
Part Number	A		B		SHIP WEIGHT IN KG.
	mm	inch	mm	inch	
AE PS 85001	6	1/4	57	2-1/4	0.032
AE PS 85002	6	1/4	63	2-1/2	0.036
AE PS 85003	8	5/16	57	2-1/4	0.044
AE PS 85004	8	5/16	63	2-1/2	0.045
AE PS 85005	8	5/16	89	3-1/2	0.001
AE PS 85006	9.5	3/8	57	2-1/4	0.066
AE PS 85007	9.5	3/8	63	2-1/2	0.068
AE PS 85008	9.5	3/8	76	3	0.072
AE PS 85009	9.5	3/8	87	3-7/16	0.090
AE PS 85010	12	15/32	60	2-3/8	0.085
AE PS 85011	8	5/16	100	3-15/16	0.060



Hair Pins / R Clips

We offer high quality R clips that are available in both single and double coil versions. These clips are made from spring steel wire that makes it resistant to corrosion. The surface plating of yellow zinc dichromate ensures durability and long life even under most challenging conditions. Our range of R-clips are available in different dimensional and material specifications at the most competitive prices.

***Special Packaging**



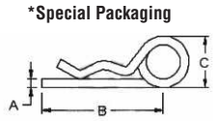
Part Number	WIRE DIA - A		LENGTH - B		LOOP DIA - C		WEIGHT IN KG.
	inch	mm	inch	mm	inch	mm	
AE HP 86001	5/64	2.00	1-3/4	44.00	11/16	17.50	0.002
AE HP 86002	0.098	2.50	1.712	43.50	0.728	18.50	0.004
AE HP 86003	0.118	3.00	2.401	61.00	0.767	19.50	0.008
AE HP 86004	0.137	3.50	2.381	60.50	0.807	20.50	0.011
AE HP 86005	0.157	4.00	2.952	75.00	1.043	26.05	0.017
AE HP 86006	0.177	4.50	3.011	76.50	1.082	27.50	0.023
AE HP 86007	0.196	5.00	3.362	85.50	1.220	31.00	0.032
AE HP 86008	0.236	6.00	3.248	82.50	1.220	31.00	0.045
AE HP 86009	0.236	6.00	4.448	113.00	1.732	44.00	0.064
AE HP 86010	0.275	7.00	3.779	96.00	1.515	38.50	0.076
AE HP 86011	0.275	7.00	3.366	85.50	1.496	38.00	0.071
AE HP 86012	0.314	8.00	5.118	130.00	2.000	51.00	0.112



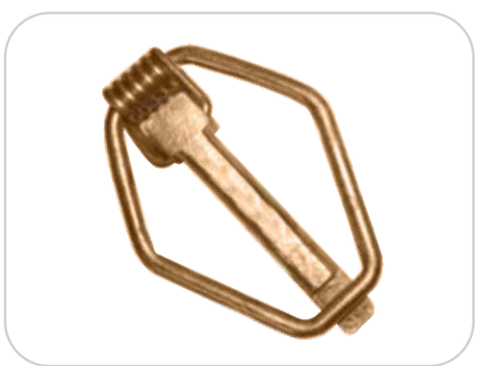
Double R Clips

For Various Applications. Made From Spring Steel Wire and Stress Relieved for Longer Life.Yellow Zinc Dichromate Plated.

***Special Packaging**



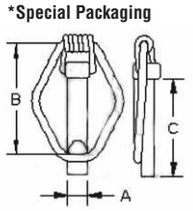
Part Number	WIRE DIA - A		LENGTH - B		LOOP DIA - C		WEIGHT IN KG.
	inch	mm	inch	mm	inch	mm	
AE DR 87001	5/64	2	1-31/32	50	19/32	15	0.004
AE DR 87002	1/8	3	2-9/16	65	7/8	22	0.012
AE DR 87003	5/32	4	3-5/32	80	1-1/4	32	0.031
AE DR 87004	0.196	5	3.503	89	1.456	37	0.053
AE DR 87005	0.236	6	4.803	122	1.692	43	0.096
AE DR 87006	0.275	7	5.196	132	1.811	46	0.135



Lynch Pins with Spring Lock

Forged Body with Spring Steel Snap Rings for Various Farm and Other Applications. Yellow Zinc Dichromate Plated.

***Special Packaging**



Part Number	A		B		C		WEIGHT IN KG.
	inch	mm	inch	mm	inch	mm	
AE LPS 88001	5/16	8	2-5/32	55	1-7/8	48	0.046
AE LPS 88002	15/32	10	2-5/32	55	1-31/32	50	0.075

***Special Packaging :** We Provide these goods with Barcode Labels / Single / Two Piece Pack / Bulk Case Packaging / Barcode Flag Labels / Assortments.



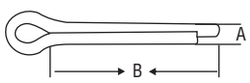




Cotter Pins

For Use with Farm & Lawn Tractors and Other Industrial Applications. Forged Body with Spring Steel Wire Loop. Yellow Zinc Dichromate Plated. Available in assortments & polybag packaging

***Special Packaging**

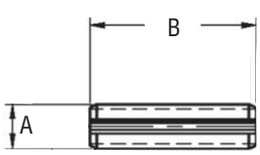


Part Number	DIAMETER		USABLE LENGTH	
	(A) INCH	(A) MM	(B) INCH	(B) MM
AE CP 89001	1/16	1.58	0.75	19.05
AE CP 89002	1/16	1.58	1.0	25.4
AE CP 89003	3/32	2.38	1.5	38.1
AE CP 89004	5/32	3.97	1.0	25.4
AE CP 89005	3/16	4.76	1.5	38.1
AE CP 89006	1/4	6.35	2.5	63.50
AE CP 89007	3/8	9.52	2.5	63.50
AE CP 89008	3/8	9.52	3.0	76.20
AE CP 89009	5/16	7.81	2.5	63.50



Slotted Spring Pin

Spring Pins are offered in a wide variety of sizes. Available in assortments & polybag packaging.



Part Number	DIAMETER		USABLE LENGTH	
	(A) INCH	(A) MM	(B) INCH	(B) MM
AE SS 90001	1/8	3.18	1	25.40
AE SS 90002	1/8	3.18	1 1/2	38.10
AE SS 90003	3/16	4.76	1	25.40
AE SS 90004	3/16	4.76	1 1/2	38.10
AE SS 90005	3/16	4.76	2	50.80
AE SS 90006	7/32	5.56	1 1/2	38.10
AE SS 90007	1/4	6.35	1 1/4	31.75
AE SS 90008	1/4	6.35	1 1/2	38.10
AE SS 90009	1/4	6.35	2	50.80
AE SS 90010	5/16	7.94	1 1/2	38.10
AE SS 90011	5/16	7.94	2	50.80
AE SS 90012	5/16	7.94	2 1/2	63.50
AE SS 90013	3/8	9.53	1 1/2	38.10
AE SS 90014	3/8	9.53	2	50.80



GREASE FITTINGS

Grease Fittings are offered in a wide variety of sizes and angles. Available in assortments & polybag packaging.

Part Number	Size/ Thread
AE GN 91001	1/4-28 (straight)
AE GN 91002	1/4-28 (45 degree)
AE GN 91003	1/4-28 (90 degree)
AE GN 91004	1/4-28 self tapping (90 degree)
AE GN 91005	1/8 NPT (straight)
AE GN 91006	1/8 NPT (45 degree)
AE GN 91007	1/8 NPT (65 degree)
AE GN 91008	1/8 NPT (90 degree)
AE GN 91009	3/16 (drive type)
AE GN 91010	1/4 (drive type)
AE GN 91011	5/16 (drive type)
AE GN 91012	1/4 NPT (Straight)
AE GN 91013	6 x 1 MM (Straight)
AE GN 91014	8 x 1 MM (Straight)
AE GN 91015	10 x 1 MM (Straight)

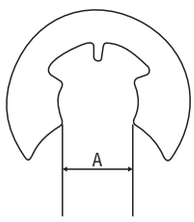
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E-RING CLIPS

E-Rings are offered in a variety of sizes ranging from 1/16" to 3/4". Available in assortments & polybag packaging

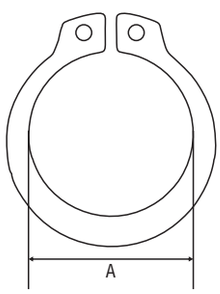


Part Number	Shaft Dia A
AE EC 92001	1/8
AE EC 92002	3/16
AE EC 92003	1/4
AE EC 92004	5/16
AE EC 92005	3/8
AE EC 92006	1/2
AE EC 92007	5/8
AE EC 92008	3/4



RETAINING RINGS

Retaining Rings offered in a variety of sizes ranging from 1" to 1/4". Available in assortments & polybag packaging



Part Number	Shaft Dia A
AE EC 93001	1/4"
AE EC 93002	5/16 "
AE EC 93003	3/8 "
AE EC 93004	7/16 "
AE EC 93005	1/2 "
AE EC 93006	9/16 "
AE EC 93007	5/8 "
AE EC 93008	3/4 "
AE EC 93009	13/16 "
AE EC 93010	7/8 "
AE EC 93011	1 "
AE EC 93012	1-1/16 "
AE EC 93013	1-1/8 "
AE EC 93014	1-1/4 "
AE EC 93015	1-3/8 "
AE EC 93016	1-7/16 "
AE EC 93017	1-1/2 "



WOODRUFF KEY

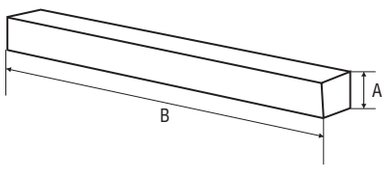
Woodruff keys lock pulleys & gears tightly & securely. These woodruff keys are semicircular keys that are commonly used for mechanical applications in automobile or machine tool fields. It fits in a half-moon shape slot, in a shaft, leaving the flat side of the tab exposed. A second bar that slides over the shaft has a slot in it to accommodate for the key. Available in assortments & polybag packaging

Part Number	Dia (A)	Width
AE WK 94001	3/8 "	1/16 "
AE WK 94002	3/8 "	3/32 "
AE WK 94003	3/8 "	1/8 "
AE WK 94004	1/2 "	1/16 "
AE WK 94005	1/2 "	3/32 "
AE WK 94006	1/2 "	1/8 "
AE WK 94007	5/8 "	3/32 "
AE WK 94008	5/8 "	1/8 "
AE WK 94009	5/8 "	5/32 "
AE WK 94010	5/8 "	3/16 "
AE WK 94011	3/4 "	5/32 "
AE WK 94012	3/4 "	1/8 "
AE WK 94013	3/4 "	3/16 "
AE WK 94014	3/4 "	1/4 "
AE WK 94015	7/8 "	5/32 "
AE WK 94016	7/8 "	3/16 "
AE WK 94017	7/8 "	7/32 "
AE WK 94018	7/8 "	1/4 "
AE WK 94019	1 "	3/16 "
AE WK 94020	1 "	1/4 "
AE WK 94021	1 "	5/16 "
AE WK 94022	1-1/8 "	3/16 "
AE WK 94023	1-1/8 "	1/4 "
AE WK 94024	1-1/8 "	5/16 "
AE WK 94025	1-1/4 "	1/4 "
AE WK 94026	1-1/4 "	5/16 "
AE WK 94027	1-1/4 "	3/8 "
AE WK 94028	1-1/2 "	1/4 "
AE WK 94029	1-1/2 "	3/8 "



SQUARE MACHINERY KEY

Square key stocks are offered in a wide variety of sizes. Available in assortments & polybag packaging



Part Number	Size A	Length B
AE SK 95001	1/8 "	1-1/2
AE SK 95002	3/16 "	1-1/2
AE SK 95003	1/4 "	1-1/2
AE SK 95004	5/16 "	1-1/2
AE SK 95005	3/8 "	1-1/2
AE SK 95006	1/2 "	1-1/2



MACHINERY BUSHINGS (NARROW/ WIDE)

Machine bushings are offered in a wide variety of sizes. Available in all types of gauges as per customer requirement. Available in assortments & polybag packaging

GAUGE THICKNESS

18 Gauge thickness (.048", 1.2mm)
14 Gauge thickness (.075", 1.9mm)
10 Gauge thickness (.134", 3.4mm)

Part Number	INSIDE DIA(A)	OUTSIDE DIA(B)
AE MB 96001	1/2	7/8
AE MB 96002	5/8	1
AE MB 96003	5/8	1
AE MB 96004	5/8	1
AE MB 96005	3/4	1 1/4
AE MB 96006	3/4	1 1/4
AE MB 96007	7/8	1 3/8
AE MB 96008	7/8	1 3/8
AE MB 96009	1	1 1/2
AE MB 96010	1	1 1/2
AE MB 96011	1 1/8	1 3/4
AE MB 96012	1 1/8	1 3/4
AE MB 96013	1 1/4	1 7/8
AE MB 96014	1 1/4	1 7/8
AE MB 96015	1 3/8	2 1/8
AE MB 96016	1 1/2	2 1/4
AE MB 96017	1 1/2	2 1/4
AE MB 96018	1 3/4	2 1/2
AE MB 96019	1 3/4	2 1/2
AE MB 96020	2	3



HEX CUP POINT SOCKET SET SCREW

Hex cup point socket set screw are offered in a wide variety of sizes. Available in assortments & polybag packaging

Part Number	Thread Size	Length
AE HCS 97001	6-32	3/16 "
AE HCS 97002	6-40	3/16 "
AE HCS 97003	8-32	3/16 "
AE HCS 97004	10-24	1/4"
AE HCS 97005	10-24	3/8 "
AE HCS 97006	1/4-20	1/4"
AE HCS 97007	1/4-20	3/8 "
AE HCS 97008	1/4-20	1/2 "
AE HCS 97009	5/16-18	3/8 "
AE HCS 97010	5/16-18	1/2 "
AE HCS 97011	5/16-24	3/8 "
AE HCS 97012	3/8-16	3/8 "
AE HCS 97013	3/8-16	1/2 "
AE HCS 97014	3/8-16	3/4 "
AE HCS 97015	3/8-24	3/8 "

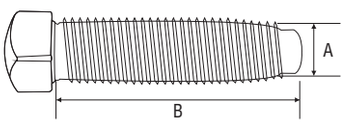
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SQUARE HEAD SET SCREW



Square head set screw are offered in a wide variety of sizes. Available in assortments & polybag packaging

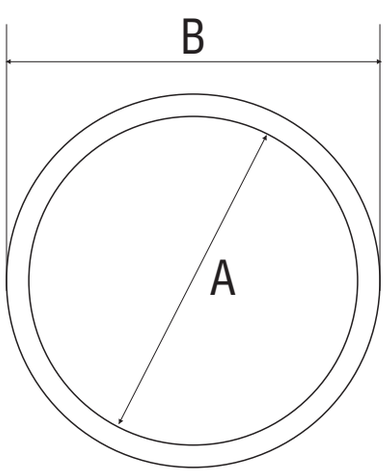


Part Number	THREAD A	LENGTH B
AE SHB 98001	1/4 " x 20	1/2 "
AE SHB 98002	1/4 " x 20	3/4 "
AE SHB 98003	5/16 " x 18	1/2 "
AE SHB 98004	5/16 " x 18	3/4 "
AE SHB 98005	5/16 " x 18	1-1/4 "
AE SHB 98006	3/8 " x 16	1/2 "
AE SHB 98007	3/8 " x 16	3/4 "
AE SHB 98008	1/2 " x 13	1 "

O RINGS

An o-ring also known as a packing, is a mechanical gasket torus in shape. It is designed to be seated in groove & compressed during assembly between two or more parts, creating a seal at the interface.
Made in Buna-n 70 Durometer material grade. Available in assortments & polybag packaging





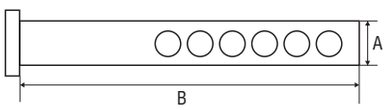
Part Number	INSIDE DIA (A)	OUTSIDE DIA (B)
AE OR 99001	1/8	1/4
AE OR 99002	5/32	9/32
AE OR 99003	3/16	5/16
AE OR 99004	7/32	11/32
AE OR 99005	1/4	3/8
AE OR 99006	3/8	1/2
AE OR 99007	3/8	9/16
AE OR 99008	7/16	5/8
AE OR 99009	1/2	11/16
AE OR 99010	9/16	3/4
AE OR 99011	5/8	13/16
AE OR 99012	11/16	7/8
AE OR 99013	3/4	15/16
AE OR 99014	3/4	1
AE OR 99015	13/16	1 1/16
AE OR 99016	15/16	7/16
AE OR 99017	7/8	1 1/8
AE OR 99018	5/16	7/16
AE OR 99019	1	1 1/4
AE OR 99020	15/16	1 3/16
AE OR 99021	1 1/16	1 5/16
AE OR 99022	1 1/8	1 3/8
AE OR 99023	1 3/16	1 7/16
AE OR 99024	1 1/4	1 1/2
AE OR 99025	1 5/16	1 9/16
AE OR 99026	1 3/8	1 5/8
AE OR 99027	1 7/16	1 11/16
AE OR 99028	1 1/2	1 3/4
AE OR 99029	1 1/2	1 7/8
AE OR 99030	1 5/8	2
AE OR 99031	1 3/4	2 1/8





ADJUSTABLE CLEVIS PINS

Adjustable clevis pins are offered in a wide variety of sizes ranging between 3/16" x 2" up to 1/2" x 2".
Available in assortments & polybag packaging

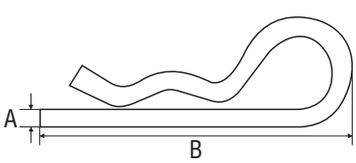


Part Number	Pin Dia (A)	Overall Length(B)
AE ACP 100001	3/16 "	2 "
AE ACP 100002	1/4 "	1 "
AE ACP 100003	1/4 "	2 "
AE ACP 100004	1/4 "	2-1/2 "
AE ACP 100005	1/4 "	3 "
AE ACP 100006	5/16 "	1 "
AE ACP 100007	5/16 "	1-1/2 "
AE ACP 100008	5/16 "	2 "
AE ACP 100009	5/16 "	3 "
AE ACP 100010	3/8 "	1 "
AE ACP 100011	3/8 "	1-1/2 "
AE ACP 100012	3/8 "	2 "
AE ACP 100013	3/8 "	2-1/2 "
AE ACP 100014	3/8 "	3 "
AE ACP 100015	3/8 "	3-1/2 "
AE ACP 100016	3/8 "	4 "
AE ACP 100017	7/16 "	2 "
AE ACP 100018	7/16 "	2-1/2 "
AE ACP 100019	7/16 "	3 "
AE ACP 100020	1/2 "	2 "
AE ACP 100021	1/2 "	2-1/2 "
AE ACP 100022	1/2 "	3 "
AE ACP 100023	1/2 "	3-1/2 "
AE ACP 100024	1/2 "	4 "
AE ACP 100025	5/8 "	3 "
AE ACP 100026	3/4 "	3 "



HAIR PINS OR R PINS

Hairpin Cotter Pins are offered in a wide variety of sizes ranging between: 3/16"x1/4" to 3/4"x1".
Available in assortments & polybag packaging



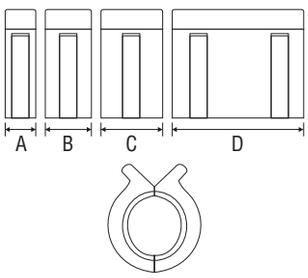
Part Number	Pin Dia (A)	Overall Length(B)
AE RP 100101	0.028 "	3/5 "
AE RP 100102	0.042 "	1 "
AE RP 100103	0.054 "	3/4 "
AE RP 100104	0.062 "	1-9/16 "
AE RP 100105	0.062 "	1-3/8 "
AE RP 100106	0.062 "	1-5/16 "
AE RP 100107	0.078 "	1-3/32 "
AE RP 100108	0.080 "	1-9/16 "
AE RP 100109	0.093 "	1-5/8 "
AE RP 100110	0.093 "	2-1/2 "
AE RP 100111	0.093 "	2 "
AE RP 100112	0.125 "	1-9/16 "
AE RP 100113	0.125 "	2-5/8 "
AE RP 100114	0.125 "	2-1/16 "
AE RP 100115	0.148 "	3 "
AE RP 100116	0.177 "	3-1/4 "
AE RP 100117	0.177 "	3-3/4 "
AE RP 100118	0.243 "	4 "
AE RP 100119	0.310 "	4-1/16 "



CYLINDER STROKE CONTROL SEGMENTS

Cylinder Stroke Control Segments Is Use To Limit Hydraulic/ Air Cylinder Travel. Made Up Of Die Cast Aluminum With Finger Control Tabs For Easy Installation And Removal.
Available In Clamshell Packaging

Part Number	Segment Thickness (A)	Segment Thickness (B)	Segment Thickness (C)	Segment Thickness (D)
AE SC 100201	21 (27/32")	25.4 (1")	32 (1-1/4")	38 (1-1/2")
AE SC 100202	25.4 (1")	38 (1-1/2")	51 (2")	108 (4-1/4")





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Exhaust/ Muffler Clamp

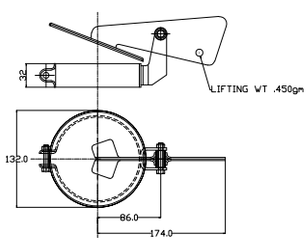


Part No.	Holding Cap.
AE MC 100301	1-1/2"
AE MC 100302	1-3/4"
AE MC 100303	1-7/8"
AE MC 100304	2"
AE MC 100305	2-1/4"
AE MC 100306	2-1/2"
AE MC 100307	2-3/4"
AE MC 100308	3"
AE MC 100309	3-1/2"
AE MC 100310	4"
AE MC 100311	5"



Exhaust Weather Cap

Automatically Stops Moisture when Engine is Not in Use.Balanced for Opening with Slight Pressure.Easy One Bolt Installation.Each Cap Marked for Size.Powder Coated Gray & Black.



PART NO.	MIN	MAX
AE WC 100401	1-1/2"	1-11/16"
AE WC100402	1-3/4"	1-15/16"
AE WC 100403	2"	2-3/16"
AE WC 100404	2-1/4"	2-7/16"
AE WC 100405	2-1/2"	2-11/16"
AE WC 100406	2-3/4"	2-15/16"
AE WC 100407	3"	3-3/16"
AE WC 100408	3-1/4"	3-7/16"
AE WC 100409	3-1/2"	3-11/16"
AE WC 100410	4"	4-3/16"
AE WC 100411	4-1/4"	4-7/16"
AE WC 100412	4-1/2"	4-11/16"
AE WC 100413	5"	5-3/16"

Muffler Clamp

Part No. AE MC 100501

Replaces Ford 9N5251; fits Ford 2N, 8N, 9N, MF 20, 30, 40 and 50



BONNET CLAMP WITH KIT

Part No. AE BC 100601

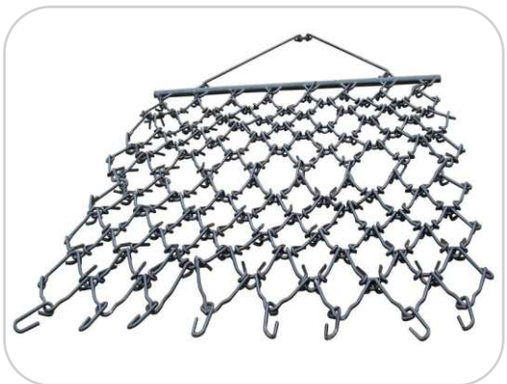
Designed To Fit Tractor Bonnets For All Universal Tractors.

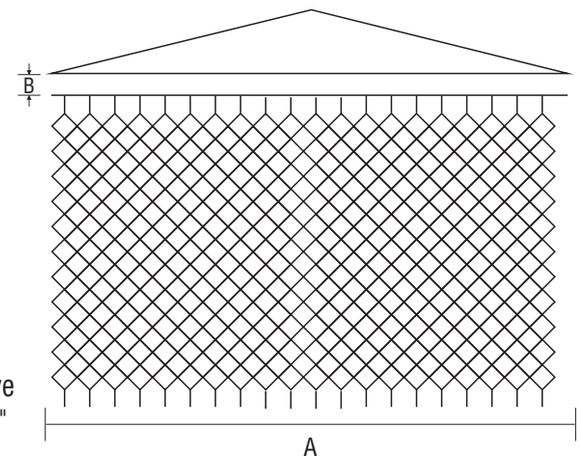




DRAG HARROW CHAIN

Use behind ATV, lawn tractor, pickup, tractor or behind farm implements for one pass coverage. It is easy to use & handle & gives perfect results.





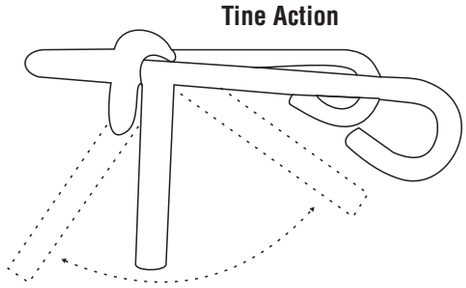
Direction of Pull

← = Passive

→ = Aggresive

Tine diameter is 1/2"

Tine Action



PART NO.	WIDTH (A) (IN FEETS)	(B) DRAWBAR OD IN MM
AE HC 100701	4ft.	42.0
AE HC 100702	6ft.	42.0
AE HC 100703	8ft.(2 x 4 ft.)	48.0
AE HC 100704	10ft. (1 x 6ft & 1 x 4 ft)	60.0
AE HC 100705	12ft. (3 x 4 ft)	60.0
AE HC 100706	12ft. (2 x 6 ft)	60.0

FORGED HARROW TOOTH

Part No. AE HT 100801



CASTING HARROW TOOTH

Part No. AE HT 100802



POST DRIVER **Part No.** AE PD 100901

Our post drivers are simple in design but effective in action. It is made of heavy gauge steel. It reduces effort in driving steel post in to the ground. Easy to grip handles





SHOVELS **PART NO.** AE TSH 100902

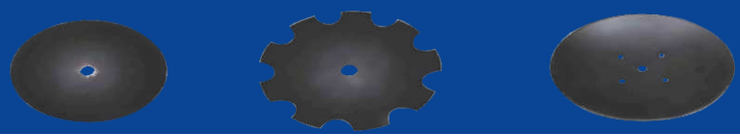
Tiller Shovels, especially designed to deliver high efficiency and performance.
Our range is highly appreciated and acknowledged for low maintenance and affordable price range.
Features :
Used in Tiller
Carbon Steel material is used for long lasting quality
These blades are available in hard faced conditions
The whole part has been adjusted to pass the balance test both in static and moving states
The blade is high temperature salt holistic tempering medium temperature and hardness is HRC40 to 55
The surface can be painted blacken
Our heat treatment that ensures long life even in tough soil conditions







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Disc Blade

A disc harrow is a farm implement that is used to till the soil where crops are to be planted. It is also used to chop up unwanted weeds or crop remainders. It consists of many carbon steel and sometimes the longer lasting boron discs, which have many varying concavities and disc blade sizes and spacing (the choices of the later being determined by the final result required in a given soil type) and which are arranged into two sections ("offset disc harrow") or four sections ("tandem disc harrow").



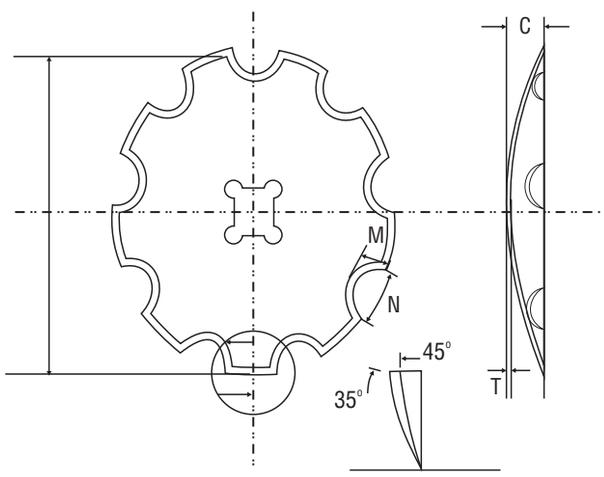


Part Number	Dia (Inches)	Type	Thickness mm	Concavity mm
AE DB 101001	14"	SMOOTH	3	30, 34, 43
AE DB 101002	14"	NOTCHED	3	30, 34, 43
AE DB 101003	16"	SMOOTH	3	38, 42, 53
AE DB 101004	16"	NOTCHED	3	38, 42, 53
AE DB 101005	18"	SMOOTH	3	41, 46, 50, 74
AE DB 101006	18"	NOTCHED	3	41, 46, 50, 74
AE DB 101007	18"	SMOOTH	3.5	41, 46, 50, 74
AE DB 101008	18"	NOTCHED	3.5	41, 46, 50, 74
AE DB 101009	20"	SMOOTH	3.5	45, 60, 64
AE DB 101010	20"	NOTCHED	3.5	45, 60, 64
AE DB 101011	22"	SMOOTH	4	54, 69, 73
AE DB 101012	22"	NOTCHED	4	54, 69, 73
AE DB 101013	22"	SMOOTH	4.5	54, 69, 73
AE DB 101014	22"	NOTCHED	4.5	54, 69, 73
AE DB 101015	22"	SMOOTH	6	54, 69, 73
AE DB 101016	22"	NOTCHED	6	54, 69, 73
AE DB 101017	24"	SMOOTH	6	76, 81, 85
AE DB 101018	24"	NOTCHED	6	76, 81, 85
AE DB 101019	26"	SMOOTH	6	88, 103, 107
AE DB 101020	26"	NOTCHED	6	88, 103, 107
AE DB 101021	26"	SMOOTH	7	88, 103, 107
AE DB 101022	26"	NOTCHED	7	88, 103, 107
AE DB 101023	26"	SMOOTH	8	98, 113, 118
AE DB 101024	26"	NOTCHED	8	98, 113, 118
AE DB 101025	28"	SMOOTH	6	98, 113, 118
AE DB 101026	28"	NOTCHED	6	98, 113, 118
AE DB 101027	28"	SMOOTH	7	98, 113, 118
AE DB 101028	28"	NOTCHED	7	98, 113, 118
AE DB 101029	28"	SMOOTH	8	98, 113, 118
AE DB 101030	28"	NOTCHED	8	98, 113, 118

Notch Size

Type (mm)	M (mm)	N (mm)
75	75 + 3	37.5
85	85 + 4	42.5
95	95 + 4	47.5





VIEW- A:A



Tie Rod Ends

Part No. AE TRE 102001

Tie rods are attached on both ends of the steering rack and as the pinion rolls over the slotted rack, they help push and pull the front tires as the steering wheel is turned. Tie rods offer an important function to a vehicle's steering and therefore a tractor's overall safety.



Drag Link

Part No. AE TRE 102002

The drag link connects the pitman arm to the steering arm, or in some applications it connects to the tie rod assembly. Our drag links have replaceable or rebuild able ends.



Soil Drill

Part No. AE SD 103001

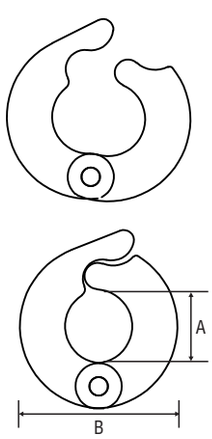


Agriculture Machine Rack / Levers

Part No. AE AR 104001



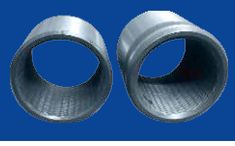




QUICK REPAIR BUSHING

PART NUMBER	A INSIDE DIAMETER	B OUTSIDE DIAMETER
AE QB 105001	3/4 "	1-3/4 "
AE QB 105002	7/8 "	1-7/8 "
AE QB 105003	1 "	2 "
AE QB 105004	1-1/8 "	2-1/8 "
AE QB 105005	1-1/4 "	2-1/4 "
AE QB 105006	1-3/8 "	2 3/8 "
AE QB 105007	1-1/2 "	2-1/2 "
AE QB 105008	1-3/4 "	2-3/4 "
AE QB 105009	2 "	3 "

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Battery Terminals

Part No. AE BT 106001

Battery terminals are the electrical contacts used to connect a load or charger to a single cell or multiple-cell battery. Available in variety of designs & sizes.



Steering Wheel Spinners

Part No. AE BT 107001

steering wheel spinners fit most tractors and trucks with aluminum vinyl coated cap. Available colors include black, blue, green, yellow, red and polished aluminum. Available In Clamshell Packaging



Steering Wheel Spinners In Plastic

Part No. AE BT 107002



JCB MACHINE PARTS

BUCKET PIN BUSH KIT

Part No. AE BT 108001



BUCKET TEETH

Part No. AE BT 108002





NOTES

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