



AVTAR EXPORTS

An ISO 9001:2008 Certified Company

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PRODUCT CATALOGUE

- 3 Point Linkage Parts
- Hardware & Fasteners





Manufacturing of 3 Point Linkage parts and General Hardware Goods is the specialty of the company and we have a long experience in the manufacturing of these. We are serving different industries since 1995 with our quality products. We are well known for the quality of our aftermarket replacement spare parts in the Domestic as well as International Market.

Being An ISO 9001:2008 Certified Company we know the value of systematic work approach and quality systems and we are following the same since our inception. The promoters of the company are having in depth knowledge and experience in the same line. The company is focusing to expand its activities in the international market.

AVTAR EXPORTS is a customer oriented organization and works on understanding the current and future needs of its valuable customers and make efforts to meet the requirements and exceed expectations of our customers. We take keen interest in developing new products related to our product line (FORGING, TURNING, BENDING & MACHINED COMPONENTS) following our motto, "We produce what market demands".

AVTAR EXPORTS is serving the needs of following industries :-

- * Manufacturer of Agricultural Machinery
- * Aftermarket Replacement Spare Parts for Tractors
- * Towing, Hitch & Linkage Accessories
- * Fasteners & Hardware Goods Industry
- * Wire Rope Lifting & Rigging Equipments



The basic motive of our company is to meet **Quality, Price, Performance and Delivery** aspirations of our valuable customers.

OUR MISSION

"An endeavour to supply quality Linkage and Hardware Products everywhere in the world."



The Plant is equipped with all modern machines and latest facilities to support our manufacturing and to produce products as per international standards. We have all testing and inspection facilities. We have highly skilled and motivated workforce and professional staff to cater the needs of our customers.



Quality ASSURANCE

AVTAR EXPORTS is committed to deliver quality range of products, which corresponds to international standards. We follow stringent quality control measures at every stage, right from raw material selection to consignment dispatch . We have adopted the quality parameters such as product's inspection and testing is carried out for perfection, accuracy and durability to the satisfaction of the customers. We manufacture in our self sufficient premises with our expert and technical employees. With our best and most comprehensive multi-working infrastructure and in-house quality systems we are working with world's leading companies. We purchase the raw material from reputed sources as per international standards and are quality checked. We regularly take feedback from our customers and are open to all the suggestions so as to ensure customer satisfaction and continuous improvement in quality .

We issue following certificates with the goods :

- * Test Reports of Materials (Chemical Composition and Mechanical Composition)
- * Material Hardness Report
- * Test Reports of Surface coatings
- * Inspection Reports (made during Manufacturing Process)
- * 3.1 certificate on requirement of customers.

We look forward for an opportunity from you as it will be our pleasure to serve your requirements with quality products and we assure :

- * Superior Quality of Products
- * Consistent Production Quality
- * High Level of Customer Satisfaction
- * Long Term Partnerships
- * Reliable Deliveries

We hope this catalogue will be helpful for you to get sufficient details about our products. If you want more specification about any product, please ask up and we will provide the same as soon as it will be possible.

We wish your business all the very best !!

Product CATAGORIES

- 3 POINT LINKAGE PARTS (TRACTORS & AGRICULTURAL MACHINERY)
- HARDWARE & FASTENERS
- SPECIAL PACKINGS



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HARDWARE & FASTENERS

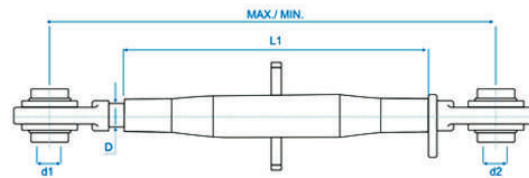
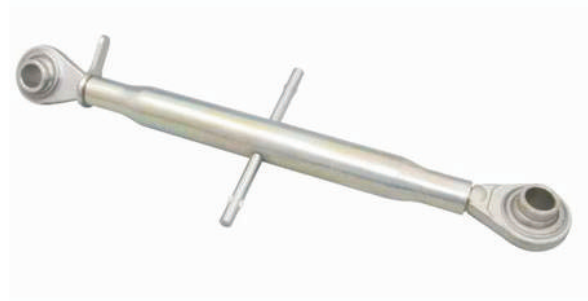
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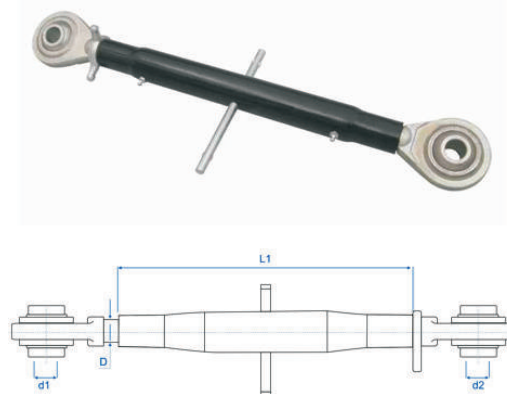
TOP LINK ASSEMBLY

Part No.	CAT	PIPE	THREAD
	d1 – d2	L 1	
TPLA 101	0 – 0	7.1/2"	3/4 UNC
TPLA 102	0 – 0	9.3/4"	3/4 UNC
TPLA 103	1 – 1	7"	1.1/8 UNC
TPLA 104	1 – 2	7"	1.1/8 UNC
TPLA 105	2 – 2	7"	1.1/8 UNC
TPLA 106	1 – 1	9"	1.1/8 UNC
TPLA 107	1 – 2	9"	1.1/8 UNC
TPLA 108	2 – 2	9"	1.1/8 UNC
TPLA 109	1 – 1	11.1/4"	1.1/8 UNC
TPLA 110	1 – 2	11.1/4"	1.1/8 UNC
TPLA 111	2 – 2	11.1/4"	1.1/8 UNC
TPLA 112	1 – 1	13"	1.1/8 UNC
TPLA 113	1 – 2	13"	1.1/8 UNC
TPLA 114	2 – 2	13"	1.1/8 UNC
TPLA 115	1 – 1	14.1/2"	1.1/8 UNC
TPLA 116	1 – 2	14.1/2"	1.1/8 UNC
TPLA 117	2 – 2	14.1/2"	1.1/8 UNC
TPLA 118	1 – 1	16"	1.1/8 UNC
TPLA 119	1 – 2	16"	1.1/8 UNC
TPLA 120	2 – 2	16"	1.1/8 UNC
TPLA 121	1 – 1	17.1/4"	1.1/8 UNC
TPLA 122	1 – 2	17.1/4"	1.1/8 UNC
TPLA 123	2 – 2	17.1/4"	1.1/8 UNC
TPLA 124	1 – 1	20"	1.1/8 UNC
TPLA 125	1 – 2	20"	1.1/8 UNC
TPLA 126	2 – 2	20"	1.1/8 UNC
TPLA 127	1 – 1	24"	1.1/8 UNC
TPLA 128	1 – 2	24"	1.1/8 UNC
TPLA 129	2 – 2	24"	1.1/8 UNC
TPLA 130	2 – 2	15"	1.1/4 UNC
TPLA 131	2 – 2	19"	1.1/4 UNC

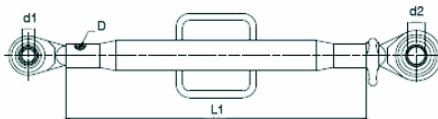


METRIC - TOP LINK ASSEMBLY

Part No.	CAT	PIPE	THREAD
	d1 – d2	L 1	
TPLA 151	0 – 0	190	M20X2.5
TPLA 152	0 – 0	250	M20X2.5
TPLA 153	0 – 0	400	M20X2.5
TPLA 161	1 – 1	120	M22X2.5
TPLA 162	1 – 1	160	M22X2.5
TPLA 163	1 – 1	180	M22X2.5
TPLA 164	1 – 1	220	M22X2.5
TPLA 165	1 – 1	230	M22X2.5
TPLA 166	1 – 1	300	M22X2.5
TPLA 167	1 – 1	320	M22X2.5
TPLA 171	1 – 1	120	M24X2.5
TPLA 172	1 – 1	140	M24X2.5
TPLA 173	1 – 1	150	M24X2.5
TPLA 174	1 – 1	165	M24X2.5
TPLA 175	1 – 1	180	M24X2.5
TPLA 176	1 – 1	200	M24X2.5
TPLA 177	1 – 1	245	M24X2.5
TPLA 178	1 – 1	280	M24X2.5
TPLA 179	1 – 1	300	M24X2.5
TPLA 180	1 – 1	320	M24X2.5
TPLA 181	1 – 1	370	M24X2.5
TPLA 182	1 – 1	400	M24X2.5
TPLA 201	1 – 1	120	M24X3
TPLA 202	1 – 1	140	M24X3
TPLA 203	1 – 1	150	M24X3
TPLA 204	1 – 1	165	M24X3
TPLA 205	1 – 1	180	M24X3
TPLA 206	1 – 1	200	M24X3
TPLA 207	1 – 1	230	M24X3
TPLA 208	1 – 1	250	M24X3
TPLA 209	1 – 1	270	M24X3
TPLA 210	1 – 1	300	M24X3
TPLA 211	1 – 1	330	M24X3
TPLA 212	1 – 1	370	M24X3
TPLA 213	1 – 1	400	M24X3
TPLA 221	1 – 1	180	M27X3
TPLA 222	2 – 2	180	M27X3
TPLA 223	1 – 1	220	M27X3
TPLA 224	2 – 2	220	M27X3
TPLA 225	1 – 1	275	M27X3
TPLA 226	2 – 2	275	M27X3
TPLA 227	1 – 1	320	M27X3
TPLA 228	1 – 2	320	M27X3
TPLA 229	2 – 2	320	M27X3

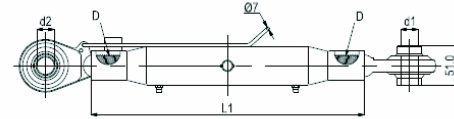


Part No.	CAT	PIPE	THREAD
	d1 – d2	L 1	
TPLA 230	1 – 1	350	M27X3
TPLA 231	1 – 2	350	M27X3
TPLA 232	2 – 2	350	M27X3
TPLA 233	1 – 1	380	M27X3
TPLA 234	1 – 2	380	M27X3
TPLA 235	2 – 2	380	M27X3
TPLA 236	1 – 1	400	M27X3
TPLA 237	1 – 2	400	M27X3
TPLA 238	2 – 2	400	M27X3
TPLA 239	1 – 1	430	M27X3
TPLA 240	1 – 2	430	M27X3
TPLA 241	2 – 2	430	M27X3
TPLA 242	1 – 1	450	M27X3
TPLA 243	1 – 2	450	M27X3
TPLA 244	2 – 2	450	M27X3
TPLA 245	1 – 1	470	M27X3
TPLA 246	1 – 2	470	M27X3
TPLA 247	2 – 2	470	M27X3
TPLA 248	1 – 1	500	M27X3
TPLA 249	1 – 2	500	M27X3
TPLA 250	2 – 2	500	M27X3
TPLA 251	2 – 2	550	M27X3
TPLA 252	1 – 1	550	M27X3
TPLA 253	1 – 2	550	M27X3
TPLA 254	2 – 2	570	M27X3
TPLA 255	1 – 1	600	M27X3
TPLA 256	1 – 2	600	M27X3
TPLA 257	2 – 2	600	M27X3
TPLA 258	1 – 1	650	M27X3
TPLA 259	1 – 2	650	M27X3
TPLA 260	2 – 2	650	M27X3
TPLA 261	1 – 1	700	M27X3
TPLA 262	1 – 2	700	M27X3
TPLA 263	2 – 2	700	M27X3



METRIC - TOP LINK ASSEMBLY

Part No.	CAT	PIPE	THREAD
	d1 – d2	L 1	
TPLA 271	1 – 1	370	M30X3
TPLA 272	1 – 2	370	M30X3
TPLA 273	2 – 2	370	M30X3
TPLA 274	1 – 1	400	M30X3
TPLA 275	1 – 2	400	M30X3
TPLA 276	2 – 2	400	M30X3
TPLA 277	1 – 1	450	M30X3
TPLA 278	1 – 2	450	M30X3
TPLA 279	2 – 2	450	M30X3
TPLA 280	2 – 2	460	M30X3
TPLA 281	1 – 1	500	M30X3
TPLA 282	1 – 2	500	M30X3
TPLA 283	2 – 2	500	M30X3
TPLA 284	2 – 2	520	M30X3
TPLA 285	2 – 2	550	M30X3
TPLA 286	2 – 2	560	M30X3
TPLA 287	2 – 2	600	M30X3
TPLA 288	2 – 2	650	M30X3
TPLA 289	2 – 2	700	M30X3
TPLA 290	2 – 2	720	M30X3



TOP LINK ASSEMBLY

Part No.	CAT	PIPE	THREAD
	d1 – d2	L 1	
TPLA 36301	2 – 2	350	M36X3
TPLA 36302	2 – 2	380	M36X3
TPLA 36303	2 – 2	400	M36X3
TPLA 36304	2 – 2	460	M36X3
TPLA 36305	2 – 2	520	M36X3
TPLA 36306	2 – 2	570	M36X3
TPLA 36307	2 – 2	580	M36X3
TPLA 36308	2 – 2	600	M36X3
TPLA 36309	2 – 2	640	M36X3
TPLA 36311	2 – 2	700	M36X3
TPLA 36312	2 – 2	800	M36X3
TPLA 36313	2 – 2	900	M36X3
TPLA 36314	2 – 2	1000	M36X3
TPLA 40301	2 – 2	400	M40X3
TPLA 40302	2 – 2	500	M40X3
TPLA 40303	2 – 2	520	M40X3
TPLA 40304	2 – 2	580	M40X3
TPLA 40305	2 – 2	620	M40X3

RATCHET JACK

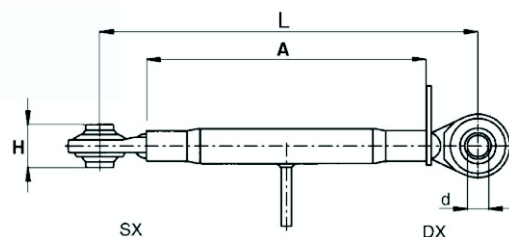
Adjustment Range - 500 mm (20") to 715 mm (28")

Also available with one piece forged clevis ends and Acme Thread



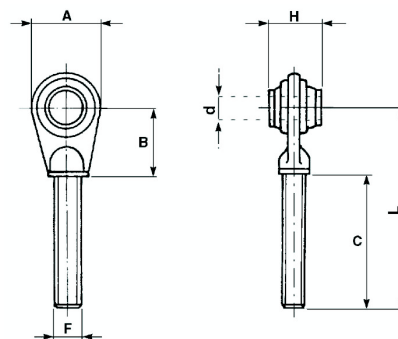
ADJUSTABLE ARM FOR FRONT FIXING

Part No.	Cat.	<i>A mm</i>	<i>d mm</i>	<i>H mm</i>	<i>L min</i>	<i>L max</i>
732101	2°	180	25.4	51	300	430



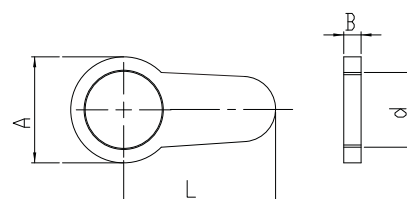
END ASSEMBLIES

Part No.	Cat.	<i>A mm</i>	<i>B mm</i>	<i>C mm</i>	<i>d mm</i>	<i>F mm</i>	<i>H mm</i>	<i>L mm</i>
732201	1°	52	45	125	19	22 X 2.5	44	170
732202	1°	62	50	115	19	24 X 2.5	44	165
732203	2°	75	55	170	25.4	27 X 3	51	225
732204	2°	75	55	165	25.4	30 X 3	51	220
732205	2°	80	55	165	25.4	36 X 3	51	220
732206	3°	96	70	200	32	36 X 3	51	270



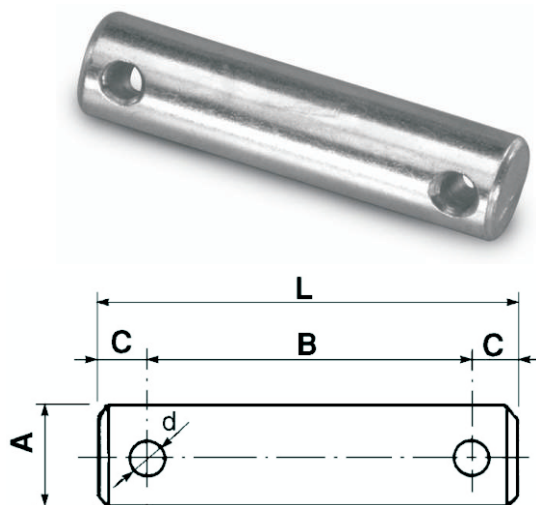
TOP LINK LOCK NUTS

Part No.	<i>A mm</i>	<i>B mm</i>	<i>d mm</i>	<i>L mm</i>
732401	45	6	22 X 2.5	60
732402	45	6	24 X 3	60
732403	45	6	30 X 3	60
732404	60	10	36 X 3	88
732405	60	10	40 X 3	88



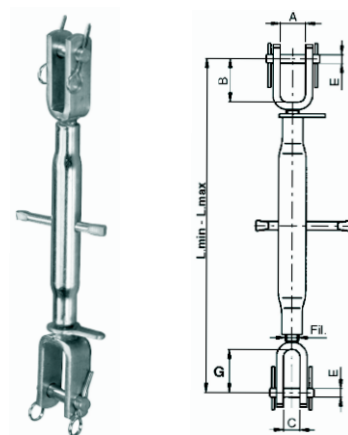
LINKAGE PINS

Part No.	A mm	B mm	C mm	d mm	L mm
732501	18	52	6	6	64
732502	18	62	6	6	74
732503	18	82	6	6	94
732504	20	58	6	6	71
732505	20	68	6	6	81
732506	22	52	6	6	64
732507	24	91	6	6	104
732508	26	57	6	6	66
732509	28	91	6	6	104



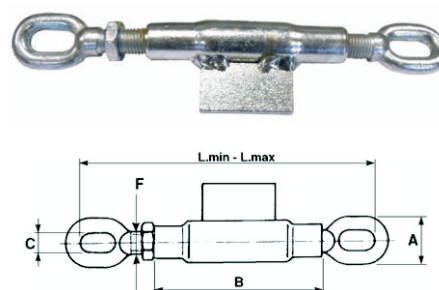
ADJUSTABLE LEVELLING ARM

Part No.	A mm	B mm	C mm	E mm	G mm	mm	mm
732601	30	60	24	18	72	380	530
732602	40	70	24	18	72	450	600
732603	40	70	24	18	72	500	650



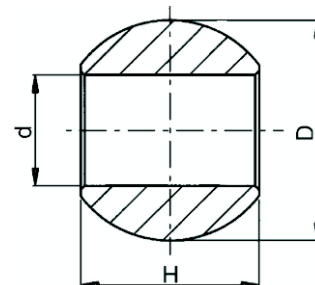
ADJUSTER FOR STABILIZERS

Part No.	A mm	B mm	C mm	mm	mm
732701	35	120	14	245	335
732702	38	135	14	250	350
732703	38	130	14	275	370
732704	38	150	14	280	390



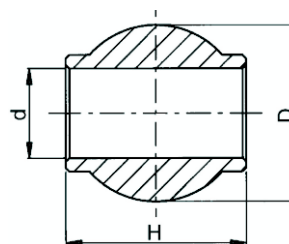
LOWER LINK BALL

Part No.	Cat.	D mm	d mm	H mm
732801	1°	44	22.1	35
732802	1°	56	22	45
732803	2°	56	28	45
732804	3°/2°	64	28.4	45
732805	3°	64	38.2	45
732806	3°	64	37	45



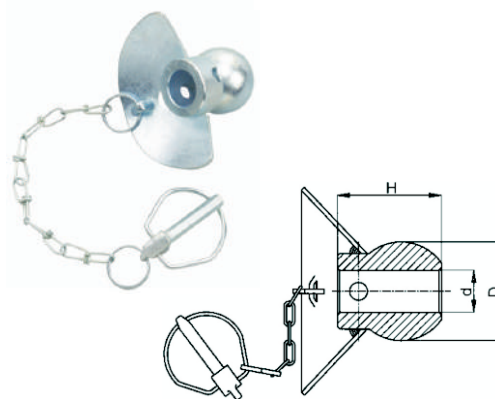
TOP LINK RAPID BALL

Part No.	Cat.	D mm	d mm	H mm
732901	2°	50	25.4	51
732902	3°/2°	60	25.4	51
732903	3°	60	32	51



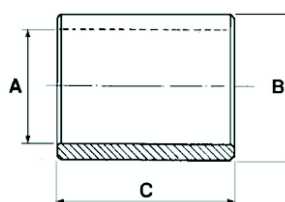
GUIDED CONE BALL

Part No.	Cat.	D mm	d mm	H mm	Other Specification
732110	2°	56	28.4	69	Q Pin : 11 Chain length 150 mm
732111	3°/2°	64	28.4	72	Q Pin : 11 Chain length 150 mm
732112	3°	64	37	72	Q Pin : 15 Chain length 150 mm
732113	2°	47	28.4	25	Q Pin : 11 Chain length 150 mm



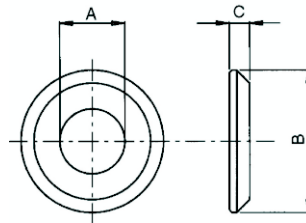
CONVERSION BUSH

Part No.	Cat.	A mm	B mm	C mm
732121	1°/2°	19.4	25.4	51
732122	2°/3°	25.4	31.8	51
732123	1°/2°	22.4	28.4	44
732124	2°/3°	28.4	37.8	44



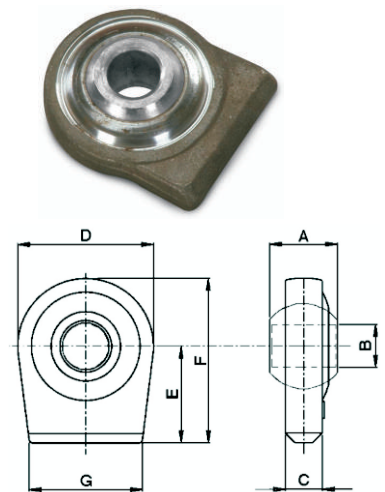
SPACERS FOR LOWER LINK BALLS

Part No.	Cat.	A mm	B mm	C mm
732131	2°	28	56	7
732132	2°	28	64	7
732133	3°	38	64	7



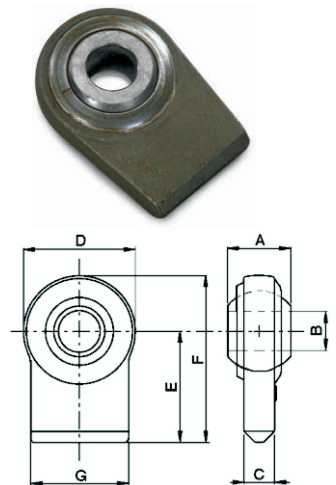
WELD ON BALL ENDS (1)

Part No.	Cat.	A mm	B mm	C mm	D mm	E mm	F mm	G mm
732141	1°	35	19.30	14	65	40	73	50
732142	1°	35	22.10	14	65	45	73	50
732143	2°	35	25.40	18	83	55	97	70
732144	2°	45	28.40	22	96	65	113	70
732145	2°	45	34.20	24	96	65	113	70
732146	3°	45	38.40	24	108	65	119	80



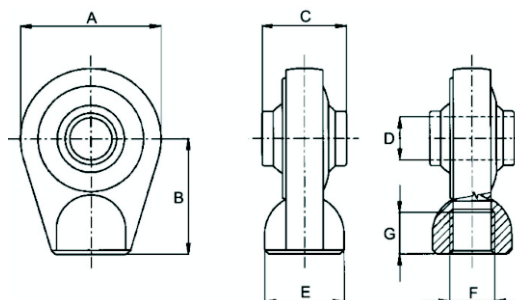
WELD ON BALL ENDS (2)

Part No.	Cat.	A mm	B mm	C mm	D mm	E mm	F mm	G mm
732151	1°	35	19.1	18	67	50	84	56
732152	1°	35	22.1	18	67	50	84	56
732153	1°	35	22.1	18	67	75	109	58
732154	2°	35	28.1	18	85	85	120	70
732155	2°	45	28.1	18	85	85	120	70



TOP LINK BALL ENDS

Part No.	A mm	B mm	C mm	D mm	E mm
732161	60	60	44	19.50	34
732162	75	63	51	22.50	38
732163	85	70	51	25.40	48
732164	53	48	30	19	25
732165	90	85	51	32	38
732166	83	65	55	29	50



HITCH PIN WITH LINCH PIN & CHAIN

Part No.	Dia	Usable Length	Total Length	Linch Pin
HP 1501	12.7	92.5	127	6.5
HP 1502	12.7	111	145	6.5
HP 1503	15.8	103	136	6.5
HP 1504	15.8	111	145	6.5
HP 1505	15.8	165	200	6.5
HP 1506	19	102	140	6.5
HP 1507	19	111	148	8.5
HP 1508	19	165	200	8.5
HP 1509	22	115	153	6.5
HP 1510	22	128	168	6.5
HP 1511	22	165	200	6.5
HP 1512	25	165	204	10
HP 1513	28	100	138	12
HP 1514	28	120	158	10
HP 1515	30	183	220	12
HP 1516	32	162	204	6.5
HP 1517	32	189	228	12
HP 1518	32	165	204	10



HITCH PIN WITH R CLIP

Part No.	Dia	Usable Length	Total Length	R-Clip
HPR 1551	12.7	90	125	3
HPR 1552	12.7	105	142	3
HPR 1553	12.7	110	148	4
HPR 1554	15.8	105	136	4
HPR 1555	15.8	149	185	4
HPR 1556	19	98	130	4.5
HPR 1557	19	110	148	4.5
HPR 1558	19	157	195	4.5
HPR 1559	22	110	148	5
HPR 1560	22	157	195	5
HPR 1561	25	103	140	5
HPR 1562	25	158	195	6
HPR 1563	25	181	215	6
HPR 1564	28	183	220	7
HPR 1565	32	162	200	7



HITCH PIN WITH SWIVEL HANDLE

Part No.	PIN DIA	USABLE	TOTAL LENGTH
HPSH 1580	3/8"	3-1/2"	5"
HPSH 1581	3/8"	4-1/4"	4-3/4"
HPSH 1582	1/2"	4-1/4"	5-3/4"
HPSH 1583	1/2"	6-1/4"	7-3/4"
HPSH 1584	1/2"	3=1/2"	5"
HPSH 1585	5/8"	4-1/4"	5-3/4"
HPSH 1586	5/8"	6-1/4"	7-3/4"
HPSH 1587	3/4"	4-1/4"	5-3/4"
HPSH 1588	3/4"	6-1/4"	7-3/4"
HPSH 1589	7/8"	4-1/4"	5-3/4"
HPSH 1590	7/8"	6-1/4"	7-3/4"
HPSH 1591	1"	4-1/4"	5-3/4"
HPSH 1592	1"	6-1/4"	7-3/4"
HPSH 1593	1-1/8"	6-1/4"	7-3/4"
HPSH 1594	1-1/4"	6-1/4"	7-3/4"



HITCH PIN WITH RED HANDLE (VINYL COATING)

Part No.	PIN DIA	USABLE	TOTAL LENGTH
HPRED 51	1/2"	3-5/8"	6-5/8"
HPRED 52	5/8"	4"	7"
HPRED 53	5/8"	5-3/4"	9"
HPRED 54	3/4"	4"	7"
HPRED 55	3/4"	6-1/2"	9-1/2"
HPRED 56	7/8"	4-1/4"	7-1/4"
HPRED 57	7/8"	6-1/2"	9-1/2"
HPRED 58	1"	4-3/4"	7-3/4"
HPRED 59	1"	7-1/2"	1-"
HPRED 60	1-1/4"	8-1/2"	11-1/2"
HPRED 61	1-1/2"	8-1/2"	11-1/2"

SPINDLES



WEATHER CAP / SILENCER CAP

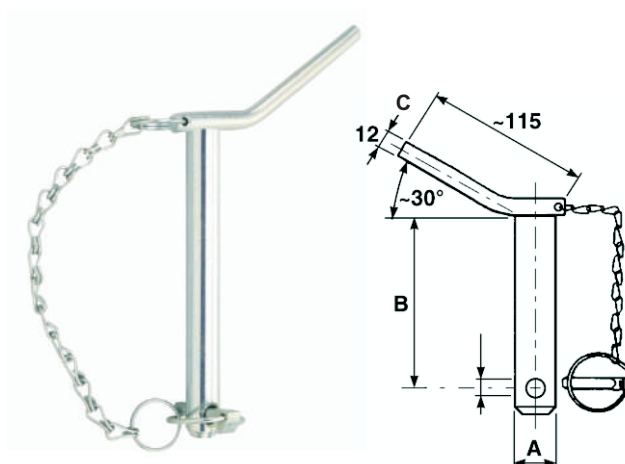


SPRING TINES



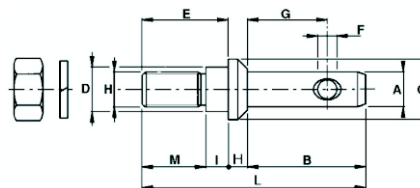
HITCH PIN WITH HANDLE, LINCH PIN & CHAIN

Part No.	A mm	B mm	C mm
732211	19	130	12
732212	19	175	12
732213	22	130	12
732214	25	130	12
732215	25	175	12
732216	28	130	12
732217	28	175	12
732218	32	175	12



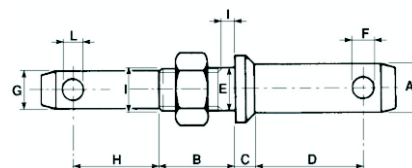
TOP LINK PINS

Part No.	A	B	C	D	E	F	G
TLPIN 11	12	80	15	15	11	95	6.3
TLPIN 12	16	85	15	20	13	101	8.3
TLPIN 13	16	96	15	20	13	111	8.3
TLPIN 14	16	125	15	20	13	140	8.3
TLPIN 15	19	86	17	25	18	101	12
TLPIN 16	19	96	17	25	18	111	12
TLPIN 17	19	103	17	25	18	118	12
TLPIN 18	19	125	17	25	18	140	12
TLPIN 19	19	145	17	25	18	160	12
TLPIN 20	22	96	17	28	21	110	12
TLPIN 21	22	110	17	28	21	125	12
TLPIN 22	22	125	17	28	21	140	12
TLPIN 23	22	145	17	28	21	160	12
TLPIN 24	25	96	20	31	24	110	12
TLPIN 25	25	110	20	31	24	125	12
TLPIN 26	25	125	20	31	24	141	12
TLPIN 27	25	145	20	31	24	160	12
TLPIN 28	28	96	20	34	27	110	12
TLPIN 29	28	103	20	34	27	118	12
TLPIN 30	28	125	20	34	27	140	12
TLPIN 31	28	145	20	34	27	160	12



LOWER LINK PIN / LIFT ARM PIN

Part No.	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	I mm	L mm	M mm
732241	22	68	37	18	50	12	46	18 X 1.5	5	130	45
732242	22	73	38	20	45	12	50	20 X 1.5	5	130	40
732243	22	74	38	22	54	12	50	22 X 1.5	14	140	40
732244	22	74	38	28	54	12	50	22 X 1.5	14	140	40
732245	28	79	44	22	59	12	60	22 X 1.5	14	150	45
732246	28	79	42	24	59	12	55	22 X 1.5	14	150	45
732247	28	78	43	24	60	12	55	24 X 1.5	15	150	45
732248	28	78	43	28	60	12	60	22 X 1.5	20	150	40
732249	28	79	42	28	59	12	55	27 X 1.5	14	150	45



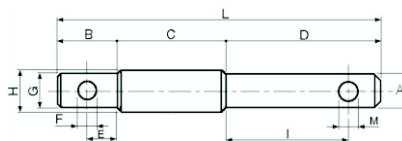
LIFT ARM PIN

Part No.	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	I mm
732251	28	42	12	58	28	12	22	48	27 X 3
732252	28	42	12	58	25	12	22	48	27 X 3

STABILIZER PIN

Part No.	Dia	Usable Length	Total Length	Thread
SBP3261	7/8"	3/8"	2-5/8"	5/8"
SBP3262	7/8"	1/2"	2-7/8"	5/8"
SBP3263	7/8"	1/2"	3-1/8"	3/4"





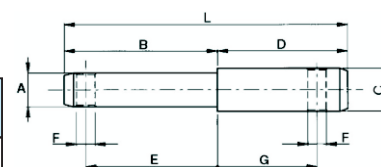
DOUBLE IMPLEMENT MOUNTING PIN

Part No.	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	I mm	L mm
732261	19	40	70	100	20	12	19	25	80	210
732262	22	40	70	100	20	12	22	28	80	210



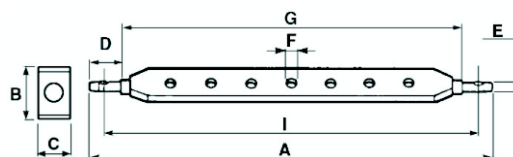
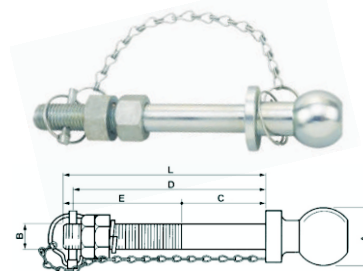
IMPLEMENT MOUNTING PIN

Part No.	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm
732271	22	105	28	85	85	12	62	190



BALL TOWNING PIN

Part No.	A mm	B mm	C mm	D mm	E mm	L mm
732281	50	22	90	162	100	190
732282	50	25	90	162	100	190

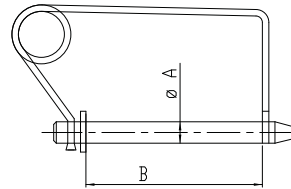
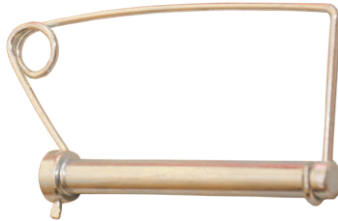


DRAWBARS

Part No.	Cat.	A mm	B mm	C mm	D mm	E mm	F mm	G mm	I mm	No. of Holes
732311	1°	810	63	25	70	22	22	670	770	7
732312	2°	830	63	30	85	28	22	660	800	9
732313	2°	960	63	30	70	28	22	820	930	11
732314	2°	920	75	33	70	28	28	780	880	7
732315	2°	970	80	40	75	28	28	820	930	7

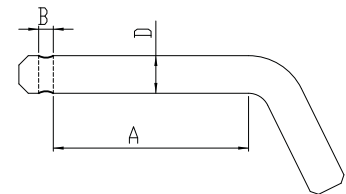
SAFETY LOCK HITCH PIN

Part No.	A	B
732321	1/2"	4"
732322	5/8"	4"
732323	3/4"	4"
732324	3/4"	6"
732325	7/8"	6"
732326	1"	6"



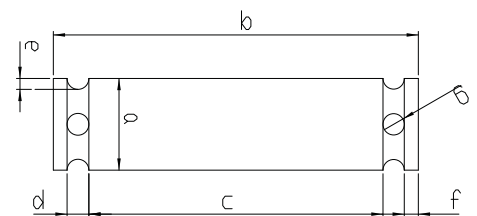
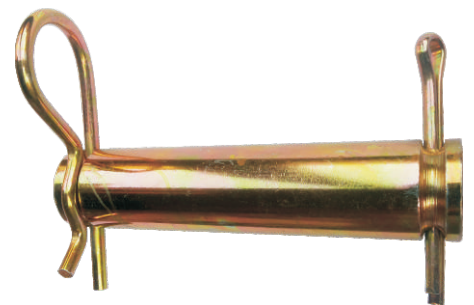
BENT HITCH PIN

Part No.	D mm	A mm	B mm
732331	9.5	55	3.0
732332	12.7	55	3.0
732333	15.7	70	4.0
732334	15.9	63	4.0
732335	19	102	5.0



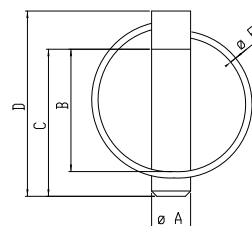
CYLINDER PINS

Part No.	A inch	B inch	C inch	D inch	E inch	F inch	G inch
732340	1/2"	3. 1/2"	3"	5/32	3/32	1/8"	11/64
732341	3/4"	4"	3. 3/8"	7/32	3/32	1/8"	3/16
732342	1"	3. 1/2"	2. 3/4"	7/32	1/8"	1/8"	3/16"
732343	1"	4. 1/2"	3. 3/4"	1/4"	1/8"	1/8"	7/32"
732344	1"	5"	4. 1/4"	1/4"	1/8"	1/8"	7/32"
732345	1"	5. 1/2"	4. 3/4"	1/4"	1/8"	1/8"	7/32"
732346	1"	6"	5. 1/4"	1/4"	1/8"	1/8"	7/32"
732347	1"	6.1/2"	5. 3/4"	1/4"	1/8"	1/8"	7/32"
732348	1. 1/4"	5"	4. 1/4"	1/4"	1/8"	1/8"	7/32"
732349	1. 1/4"	7"	6. 1/4"	1/4"	1/8"	1/8"	7/32"
732350	1. 1/4"	8"	7. 1/4"	1/4"	1/8"	1/8"	7/32"



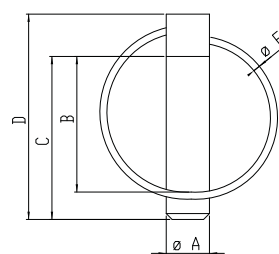
LINCH PIN BLACK RING HEAVY DUTY

Part No.	A	B	C	D	E
732361	6	36.5	45	54	3.5 BLK
732362	11	39	51	61	4.5 BLK



LINCH PIN STANDARD

Part No.	A	B	C	D	E
732351	4.5	28.6	35	42	3
732352	4.5	33	40	47	3
732353	6	36.5	45	54	3.2
732354	8	36.5	45	55	3.4
732355	9	36.5	45	55	3.4
732356	10	36.5	45	55	3.4
732357	10	39	50	61	4mm
732358	11	36.5	45	55	3.4
732359	11	39	50	61	4mm
732360	12	36.5	45	55	3.4mm



LINCH PIN SQUARE HEAD



LINCH PIN SPECIAL HEAD



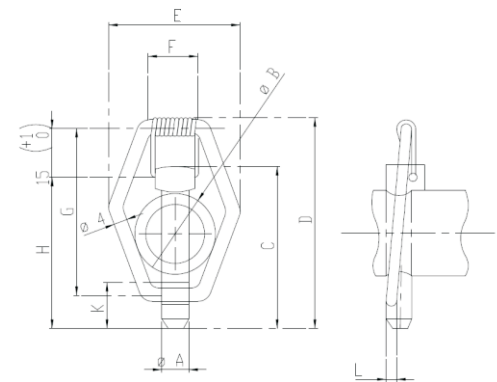
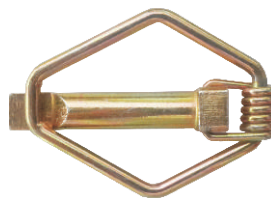
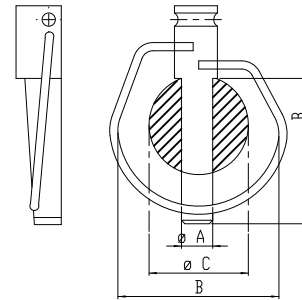
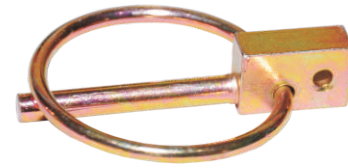
LINCH PIN WITH
PEAR SHAPE RING



LINCH PIN WITH
PEAR SHAPE RING
TWO BENDS

LINCH PIN DIN 11023

Part No.	A	B	C	D	E
732371	4.5	32	25	31.00	2.50
732372	5.5	42	32	44.80	3.5
732373	7.5	42	32	44.80	3.5
732374	9.5	45	32	44.80	3.60
732375	11	45	32	44.80	3.60
732376	11	55	45	52.00	4.00
732377	16	60	45	52.00	4.00

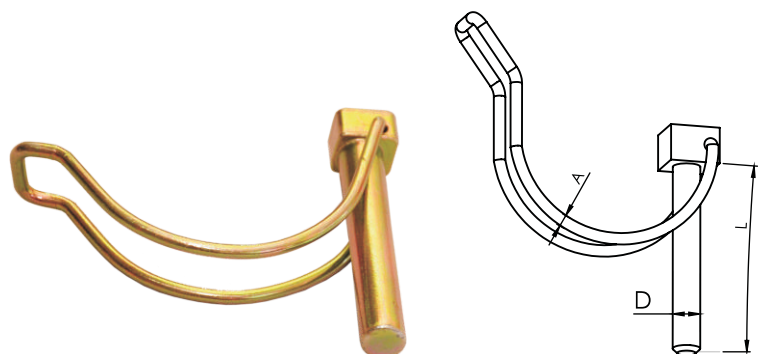


SAFETY LINCH PIN

Part No.	A	B	C	D	E	G	H	K	L
732381	8.5	32	58	72	50	60	52.5	11	4
732382	10.5	32	58	72	50	60	52.5	11	4
732383	15.5	45	80	95	58	82	73	12	4

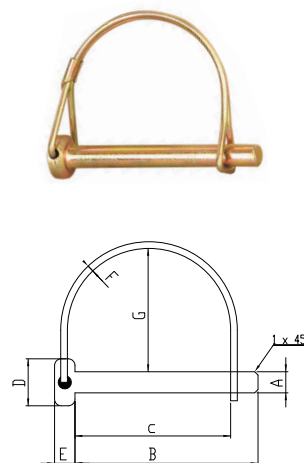
LINCH PIN FOR TUBE/PIPE LINCH PIN

Part No.	A mm	D mm	L mm
732391	3	6	40
732392	3	6	45
732393	3	8	50
732394	3	8	60
732395	3.5	10	50
732396	3.5	10	55
732397	3.5	10	60



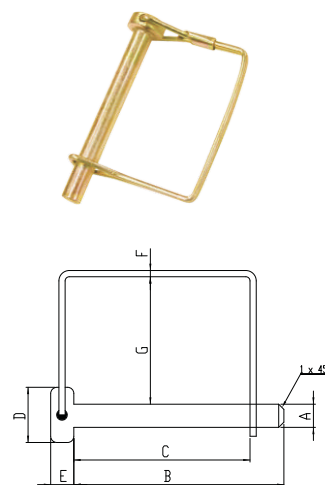
SHAFT LOCKING PIN / P.T.O. PIN ROUND

Part No.	A mm	B mm	C mm	D mm	E mm	F mm	G mm
732411	6.4	55	45	12	6	2.3	25
732412	6.4	70	60	12	6	2.3	39
732413	8	66	55	15	7	2.3	35
732414	8	70	60	15	7	2.3	39
732415	9.5	45	38	19	8	2.3	25
732416	9.5	66	55	19	8	2.3	35
732417	9.5	70	60	19	8	2.3	39



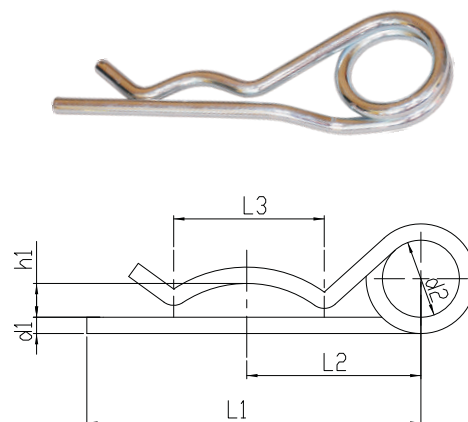
SHAFT LOCKING PIN / P.T.O. PIN SQUARE

Part No.	A mm	B mm	C mm	D mm	E mm	F mm	H mm
732418	6.4	55	45	12	6	2.3	25
732419	6.4	70	60	12	6	2.3	39
732420	8	66	55	15	7	2.3	35
732421	8	70	60	15	7	2.3	39
732422	9.5	45	38	19	8	2.3	25
732423	9.5	66	55	19	8	2.3	35
732424	9.5	70	60	19	8	2.3	39



R CLIP DOUBLE / SPRING PIN DOUBLE

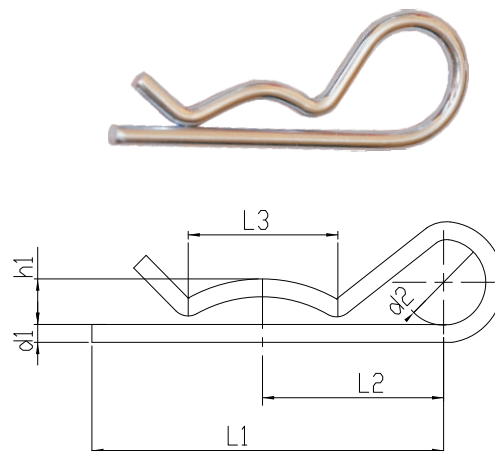
Part No.	d1 mm	d2 mm	L1 mm	L2 mm	L3 mm	h1 mm
732551	2	10	50	25	17	2.5
732552	3	16	62	32	22	4.5
732553	4	23	76	44	25	5.5
732554	5	26	92	50	32	5.5
732556	6	30	120	70	37	8.0
732557	7	30	130	72	38	8.5
732558	8	30	130	75	39	7.5



NOTE : WE PRODUCE SPRING PIN AS PER DIN 11024 ALSO

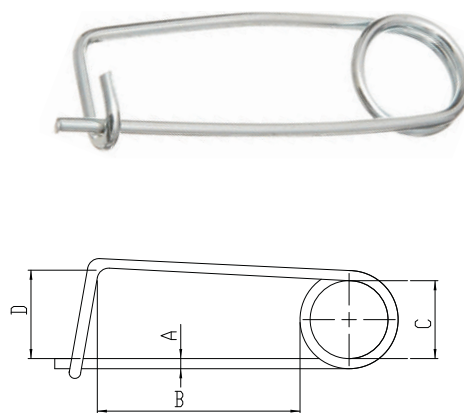
R CLIP SINGLE / SPRING PIN SINGLE

Part No.	d1 mm	d2 mm	L1 mm	L2 mm	L3 mm	h1 mm
732561	2	10	50	25	17	2.5
732562	3	18	60	28	23	3.5
732563	4	20	60	30	22	5.0
732564	5	24	85	40	30	6.5
732565	6	30	105	50	37	9.0
732566	7	30	105	50	42	8.5
732567	8	28	110	55	44	10.0



SAFETY PIN / STOP SPRINGS

Part No.	A mm	B mm	C mm	D mm
732571	3	60	20	35
732572	4	100	33	55
732573	5	90	31	42
732574	6	100	30	50



CHECK CHAIN FOR TRACTORS



PTO ADAPTERS



HARVESTING FINGERS



P.T.O. SHAFT

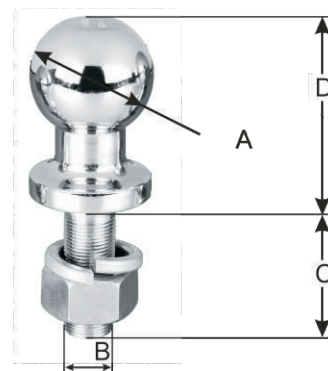


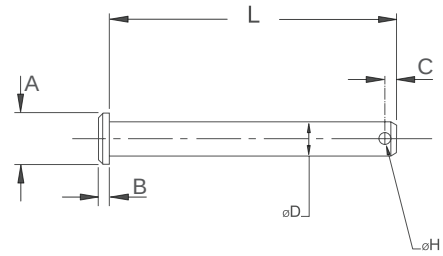
HARDWARE & FASTENERS PRODUCTS

HITCH BALLS / TOW BALLS

Part No.	A	B	C	D
HB51	1.7/8"	3/4"	1.3/4"	2.5/8"
HB52	2"	3/4"	1.3/4"	2.3/4"
HB53	2"	1"	2"	2.11/16"
HB54	2.5/16"	1.1/4"	2.1/8"	3.1/8"
HB55	2.5/16"	1"	2"	2.5/8"
HB56	2"	1"	2.1/4"	2.5/8"
HB57	2.5/16"	1"	2.1/4"	2.5/8"
HB58	2"	1.1/4"	2.3/4"	2.3/4"

Part No.	A	B	C	D
HB59	2.5/16"	1.1/4"	2.7/8"	3.1/4"
HB60	2.5/16"	1.1/4"	3.1/2"	3.1/4"
HB61	2.5/16"	1.1/2"	3.1/2"	3.3/8"
HB62	2.5/16"	2"	3.1/2"	3.3/8"
HB63	2.5/16"	2"	3.1/2"	3.3/8"
HB64	2.5/16"	1.1/4"	3"	3.7/16"
HB65	2.5/16"	1.1/4"	2.5/8"	3.3/8"
HB66	3"	2"	3.1/4"	4.1/2"
HB67	2"	1"	2"	2.3/4"





CLEVIS PINS - Inch.

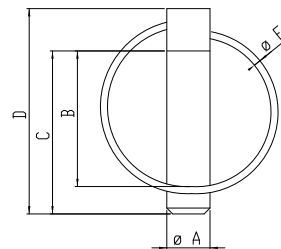
Part No.	D	A	B	H	C
CL3016	3/16"	5/16"	1/16"	0.078"	0.100"
CL104	1/4"	3/8"	3/32"	0.078"	0.100"
CL5016	5/16"	7/16"	3/32"	0.104"	0.140"
CL308	3/8"	1/2"	1/8"	0.104"	0.160"
CL102	1/2"	5/8"	5/31"	0.135"	0.160"
CL508	5/8"	11/16"	13/64"	0.156"	0.160"
CL304	3/4"	15/16"	1/4"	0.156"	0.160"
CL100	1"	1.3/16"	11/32"	0.156"	0.210"

CLEVIS PINS - Metric

Part No.	D	A	B	H	C
CL501	5	8	1.6	1.2	2.9
CL601	6	10	2	1.6	3.2
CL801	8	14	3	2	3.5
CL1001	10	18	4	3.2	4.5
CL1201	12	20	4	3.2	5.5
CL1601	16	25	4.5	4	6
CL2001	20	28	5	5	8
CL2401	24	36	6	6.3	9

LINCH PIN STANDARD

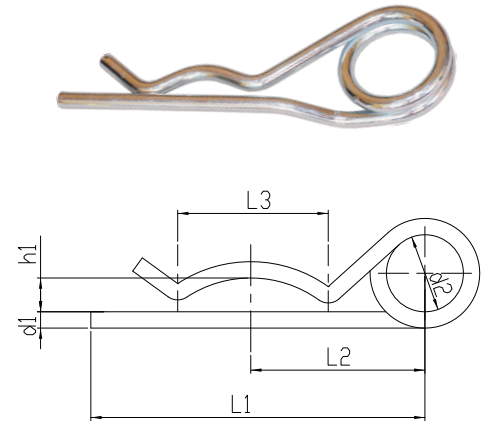
Part No.	A	B	C	D	E
732351	4.5	28.6	35	42	3
732352	4.5	33	40	47	3
732353	6	36.5	45	54	3.2
732354	8	36.5	45	55	3.4
732355	9	36.5	45	55	3.4
732356	10	36.5	45	55	3.4
732357	10	39	50	61	4mm
732358	11	36.5	45	55	3.4
732359	11	39	50	61	4mm
732360	12	36.5	45	55	3.4mm



R CLIP DOUBLE / SPRING PIN

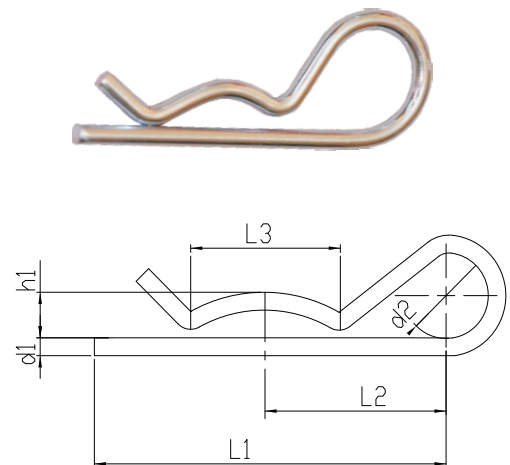
Part No.	d1 mm	d2 mm	L1 mm	L2 mm	L3 mm	h1 mm
732551	2	10	50	25	17	2.5
732552	3	16	62	32	22	4.5
732553	4	23	76	44	25	5.5
732554	5	26	92	50	32	5.5
732556	6	30	120	70	37	8.0
732557	7	30	130	72	38	8.5
732558	8	30	130	75	39	7.5

NOTE : WE PRODUCE SPRING PIN AS PER DIN 11024 ALSO



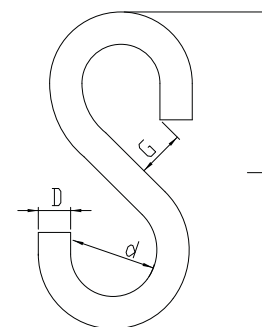
R CLIP SINGLE / SPRING PIN

Part No.	d1 mm	d2 mm	L1 mm	L2 mm	L3 mm	h1 mm
732561	2	10	50	25	17	2.5
732562	3	18	60	28	23	3.5
732563	4	20	60	30	22	5.0
732564	5	24	85	40	30	6.5
732565	6	30	105	50	37	9.0
732566	7	30	105	50	42	8.5
732567	8	28	110	55	44	10.0



"S" HOOKS

Part No.	D mm	G mm	L mm
732581	2	4	25
732582	2.5	5	30
732583	3	6	33
732584	4	8	35
732585	5	9	45
732586	6	10	55
732587	7	17	65
732588	8	20	75

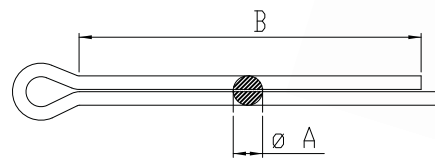


COTTER PIN / SPLIT PIN

Part No.	A mm	B mm
732591	1.6	20
732592	2.0	25
732593	2.0	40
732594	2.5	32
732595	2.5	40
732596	3.2	32
732597	3.2	50
732598	4.0	40

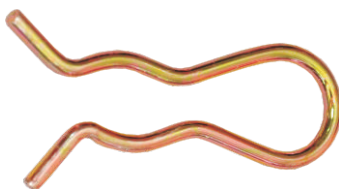
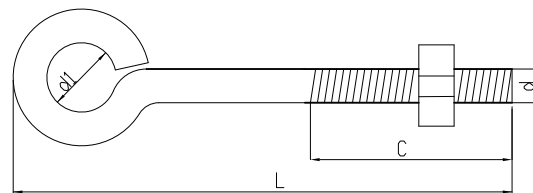
Part No.	A mm	B mm
732599	4.0	50
732600	4.0	80
732611	5.0	50
732612	5.0	80
732613	6.3	50
732614	6.3	100
732615	7.0	50
732616	7.0	80

Part No.	A mm	B mm
732617	8.0	50
732618	8.0	100
732619	10.0	100

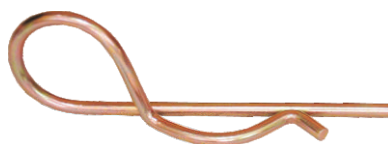


EYE SCREW WITH NUT

Part No.	(d)	L mm	C mm	d1 mm
732651	M6	100	65	10.0
732652	M6	150	100	10.0
732653	M6	200	125	10.0
732654	M8	120	80	10.0
732655	M8	150	90	10.0
732656	M8	200	125	10.0
732657	M8	250	175	10.0
732658	M10	150	95	10.0
732659	M10	200	125	10.0
732660	M10	250	175	10.0



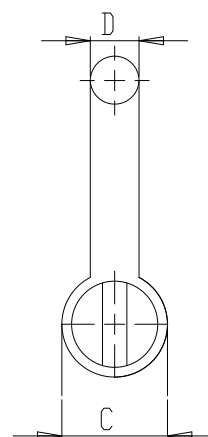
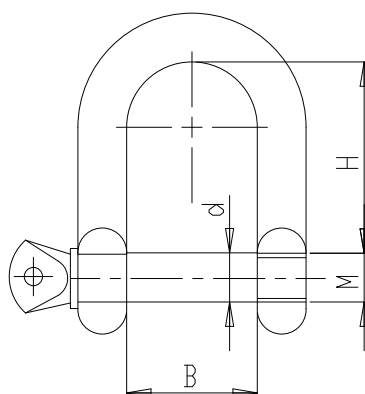
Grip Clip



Twist Clip

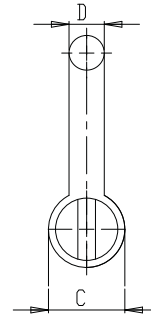
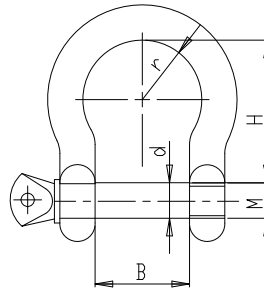


Snap Hook Pin



SHACKLES D-TYPE

Part No.	Size	D	d	B	H	C	M
732811	4	4	4	8	16	7.8	M4
732812	5	5	5	10	19	10	M5
732813	6	6	6	12	24	12	M6
732814	8	8	8	16	32	16	M8
732815	10	10	10	20	40	19	M10
732816	11	11	11	22	44	21	M11
732817	12	12	12	25	48	24	M12
732818	14	14	14	28	56	27	M14
732819	16	16	16	32	64	31	M16
732820	18	18	18	36	71	35	M18
732821	20	19	19	38	76	38	M20
732822	22	22	22	44	85	43	M22
732823	25	25	25	50	95	49	M24



SHACKLES BOW TYPE

Part No.	D	d	B	H	C	$2r$	M
732911	5	5	10	19.5	10	15	M5
732912	6	6	12	24	12	18	M6
732913	8	8	16	32	16	24	M8
732914	10	10	20	40	19	30	M10
732915	11	11	22	44.5	21	33	M11
732916	12	12	25	49	24	36	M12
732917	14	14	28	59	27	42	M14
732918	16	16	32	64	31	48	M16
732919	18	18	36	71	35	54	M18
732920	20	20	38	80	38	60	M20
732921	22	22	44	85	43	66	M22
732922	25	25	50	100	49	75	M24

HOOKS



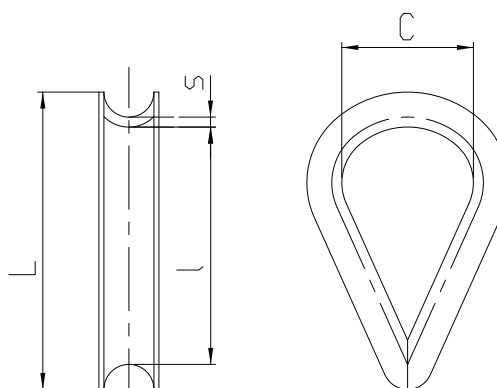
EYE BOLTS

M6	M20	M39
M8	M22	M42
M10	M24	M45
M12	M27	M48
M14	M30	M52
M16	M33	M56
M18	M36	M64



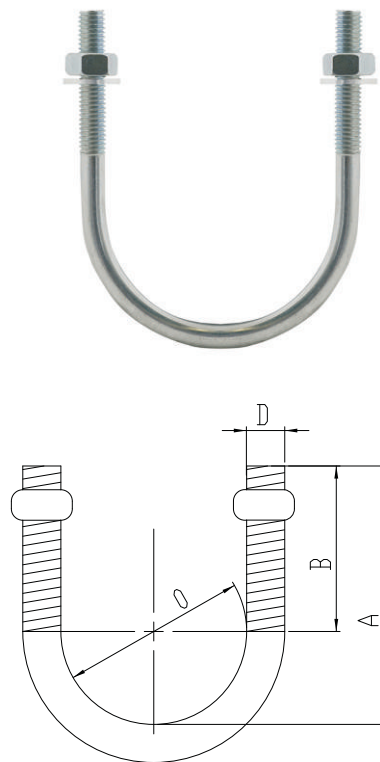
THIMBLES

Part No.	a mm	L mm	B mm	I mm	C mm
732621	4	25	11	16	11
732622	5	31	22	22	16
732623	6	37	29	26	19
732624	7	44	32	32	22
732625	8	51	38	34	24
732626	9	57	42	38	29
732627	10	64	44	42	32
732628	11	70	51	48	35
732629	12	76	57	51	38
732630	14	82	60	57	40
732631	16	89	64	60	42
732632	18	102	69	67	45
732633	20	115	79	76	51
732634	22	127	89	83	54
732635	24	140	102	88	64



U - BOLT

Part No.	<i>O mm</i>	<i>D mm</i>	<i>A mm</i>	<i>B mm</i>
732661	13	M6	28	20
732662	17	M6	36	22
732663	21	M6	40	25
732664	27	M8	50	30
732665	34	M8	55	30
732666	42	M8	68	35
732667	69	M8	70	35
732668	60	M8	80	35
732669	70	M8	100	35
732670	75	M8	110	45
732671	89	M10	115	45
732672	102	M10	145	50
732673	108	M10	150	50
732674	114	M10	156	55



U - BOLT FOR AUTOMOBILES



ROUND BEND



SEMI ROUND RADIUS BEND

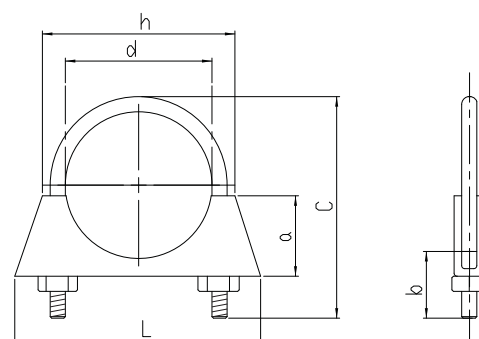


SQUARE BEND

EXHAUST PIPE CLAMPS

Part No.	<i>d</i>	<i>l</i>	<i>a</i>	<i>b</i>	<i>c</i>	<i>h</i>
732711	26.5	55	19.5	26	52	43
732712	28.5	60	19.5	26	59	47
732713	32.5	58	25	26	61	42
732714	36	65	28	30	66	50
732715	36	66	24	30	69	50
732716	41	67	24	30	66	56
732717	42.5	67	25	28	65	57
732718	45.5	76	29	32	74	61
732719	48.5	79	29	32	78	65
732720	50.5	80	30	32	80	67
732721	52.5	83	30	32	81	69
732722	54.5	87	33	32	83	71
732723	60.5	90	35	32	90	75
732724	65.5	97	39	32	92	80
732725	70.5	101	39	32	100	88
732726	80.5	109	49	32	110	96
732727	85.8	117	49	32	116	104
732728	90.5	124	52	32	118	110
732729	100.5	130	53.5	32	132	119

ALSO AS PER SPECIAL CUSTOMER DRAWINGS



Drop Closure



Rebar Stake



Chains



Spiral Ground Anchor



Springs



BOLTS

4.6 Grade	8.8 Grade
4.8 Grade	9.8 Grade
5.6 Grade	10.9 Grade
6.8 Grade	12.9 Grade



HUB BOLTS



CENTER BOLTS



NON-THREAD BOLTS



Threaded Rods / Studs :-

Metric mm		Inches	
Dia	Length	Dia	Length
M3 to M48	15mm to 3000mm	1/8" to 2"	1/2" to 120"



Nuts



Sheet Metal Components



Spring Washer



Plain Washer



Channel Nut



Bucket Packing



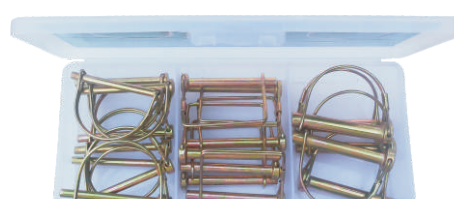
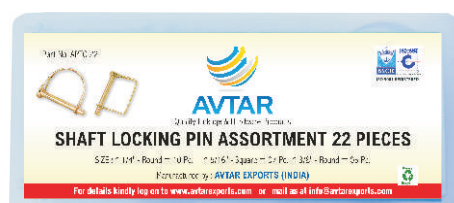
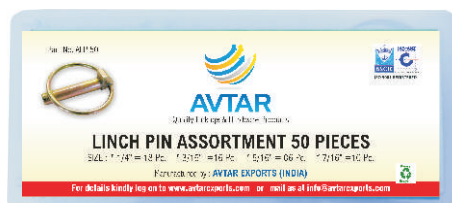
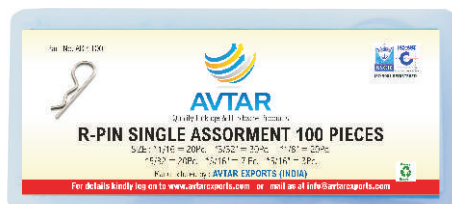
Barcode Tags



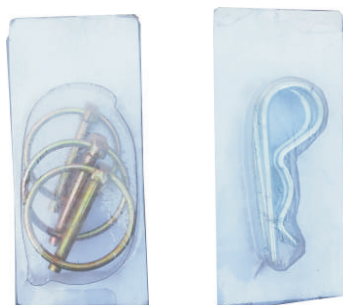
Header Cards



Assortments



Blister Packing



Stickers/Labels



Coloured Carton



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