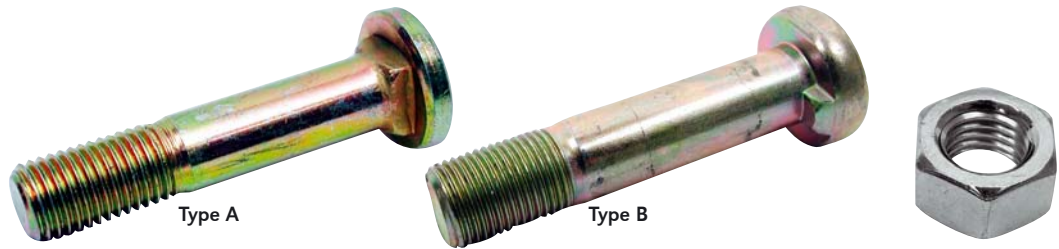


# FASTENERS



## RIM BOLTS



ORDER NUMBER	LENGTH	TYPE	NUT ORDER NUMBER	THREAD TYPE
<b>T0676</b>	80 mm	A	<b>PM16000</b> (kg)	M16
<b>T0678</b>	120 mm	A	<b>PM16000</b> (kg)	M16
<b>MF0553</b>	70 mm	A	<b>PMF58</b>	UNF 5/8"
<b>MF0208</b>	70 mm	B	<b>PMF58</b>	UNF 5/8"

## PRESS RIM PARTS for MF and Fiat tractors



NOTE. Rims, bosses, felloes, expanding parts and tyres etc. in separate tyre catalog.

## REPAIR NUTS



- with repair nut you may repair axle or bolt when it's urgent or replaceable axle is not available easily
1. Thread the inner part of nut to the top of broken thread, tighten
  2. If needed, lock the inner part with a lock key
  3. Tighten the inner part to the axle with a tightening nut included  
By loosening the tightening nut you may thread the inner part
- application e.g. knuckle spindles, shaft control, different axles of machinery etc.

ORDER NO	SIZE	SUITABLE E.G. FOR
<b>PLN102</b>	UNF 3/4"	DB, FORD, IH, JD, MF etc.
<b>PLN108</b>	UNF 1 1/4"	MF etc.

## HEX SCREWS

- hardness 8,8

DIN931 = partly threaded

DIN933 = fully threaded



DIN	ORDER NUMBER	SIZE mm	PACKING SIZE	DIN	ORDER NUMBER	SIZE mm	PACKING SIZE	DIN	ORDER NUMBER	SIZE mm	PACKING SIZE
933	PK05012	5x12	5 kg	933	PK12025	12x25	5 kg	933	PK20040	20x40	5 kg
933	PK05016	5x16	5 kg	933	PK12030	12x30	5 kg	933	PK20050	20x50	5 kg
933	PK05020	5x20	5 kg	933	PK12035	12x35	5 kg	933	PK20060	20x60	5 kg
933	PK05025	5x25	5 kg	933	PK12040	12x40	5 kg	933	PK20070	20x70	5 kg
933	PK05030	5x30	5 kg	933	PK12050	12x50	5 kg	931	PK20080	20x80	5 kg
931	PK05040	5x40	5 kg	931	PK12060	12x60	5 kg	931	PK20090	20x90	5 kg
931	PK05050	5x50	5 kg	931	PK12070	12x70	5 kg	931	PK20100	20x100	5 kg
933	PK06016	6x16	5 kg	931	PK12080	12x80	5 kg	931	PK20120	20x120	5 kg
933	PK06020	6x20	5 kg	931	PK12090	12x90	5 kg	931	PK20140	20x140	5 kg
933	PK06025	6x25	5 kg	931	PK12100	12x100	5 kg	931	PK20150	20x150	5 kg
933	PK06030	6x30	5 kg	931	PK12110	12x110	5 kg	931	PK20160	20x160	5 kg
933	PK06035	6x35	5 kg	931	PK12120	12x120	5 kg	931	PK20200	20x200	10 pcs
933	PK06040	6x40	5 kg	931	PK12150	12x150	5 kg	931	PK20220	20x220	10 pcs
931	PK06050	6x50	5 kg	933	PK14030	14x30	5 kg	931	PK20240	20x240	10 pcs
931	PK06060	6x60	5 kg	933	PK14040	14x40	5 kg	931	PK20280	20x280	10 pcs
931	PK06070	6x70	5 kg	933	PK14050	14x50	5 kg	931	PK20300	20x300	10 pcs
931	PK06080	6x80	5 kg	931	PK14060	14x60	5 kg	933	PK24050	24x50	5 kg
931	PK06090	6x90	5 kg	933	PK14070	14x70	5 kg	933	PK24060	24x60	5 kg
931	PK06100	6x100	5 kg	931	PK14080	14x80	5 kg	933	PK24070	24x70	5 kg
931	PK06120	6x120	5 kg	931	PK14090	14x90	5 kg	931	PK24080	24x80	5 kg
931	PK07040	7x40	200 pcs	931	PK14100	14x100	5 kg	931	PK24090	24x90	5 kg
931	PK07050	7x50	200 pcs	931	PK14130	14x130	25 pcs	931	PK24100	24x100	5 kg
933	PK08016	8x16	5 kg	931	PK14140	14x140	25 pcs	931	PK24120	24x120	5 kg
933	PK08020	8x20	5 kg	931	PK14150	14x150	25 pcs	931	PK24140	24x140	5 kg
933	PK08025	8x25	5 kg	933	PK16030	16x30	5 kg	931	PK24150	24x150	5 kg
933	PK08030	8x30	5 kg	933	PK16040	16x40	5 kg	931	PK24180	24x180	10 pcs
933	PK08035	8x35	5 kg	933	PK16050	16x50	5 kg	931	PK24180	24x180	10 pcs
933	PK08040	8x40	5 kg	931	PK16060	16x60	5 kg	931	PK24200	24x200	10 pcs
933	PK08050	8x50	5 kg	931	PK16070	16x70	5 kg	931	PK24220	24x220	10 pcs
931	PK08060	8x60	5 kg	931	PK16080	16x80	5 kg	931	PK24240	24x240	10 pcs
931	PK08070	8x70	5 kg	931	PK16090	16x90	5 kg	931	PK24300	24x300	10 pcs
931	PK08080	8x80	5 kg	931	PK16100	16x100	5 kg	931	PK27180	27x180	5 pcs
931	PK08090	8x90	5 kg	931	PK16120	16x120	5 kg	931	PK30150	30x150	10 pcs
931	PK08100	8x100	5 kg	931	PK16140	16x140	5 kg	931	PK30180	30x180	5 pcs
931	PK08120	8x120	5 kg	931	PK16150	16x150	5 kg	931	PK30220	30x220	5 pcs
933	PK10020	10x20	5 kg	931	PK16160	16x160	5 kg	931	PK30240	30x240	5 pcs
933	PK10025	10x25	5 kg	931	PK16180	16x180	25 pcs	933	PK06080A	6x80	pcs
933	PK10030	10x30	5 kg	931	PK16200	16x200	25 pcs	933	PK08060A	8x60	5 kg
933	PK10035	10x35	5 kg	931	PK16220	16x220	25 pcs	933	PK08070A	8x70	pcs
933	PK10040	10x40	5 kg	931	PK16280	16x280	10 pcs	933	PK08080A	8x80	5 kg
933	PK10050	10x50	5 kg	931	PK16300	16x300	10 pcs	933	PK10060A	10x60	5 kg
931	PK10060	10x60	5 kg	933	PK18050	18x50	5 kg	933	PK10080A	10x80	5 kg
931	PK10070	10x70	5 kg	931	PK18060	18x60	5 kg	933	PK10090A	10x90	5 kg
931	PK10080	10x80	5 kg	933	PK18070	18x70	25 pcs	933	PK12060A	12x60	5 kg
931	PK10090	10x90	5 kg	931	PK18080	18x80	5 kg	933	PK12070A	12x70	5 kg
931	PK10100	10x100	5 kg	931	PK18100	18x100	5 kg	933	PK12080A	12x80	5 kg
931	PK10120	10x120	5 kg	931	PK18120	18x120	5 kg				
931	PK10140	10x140	5 kg	931	PK18140	18x140	5 kg				
931	PK10150	10x150	5 kg	931	PK18150	18x150	25 pcs				
				931	PK18180	18x180	5 kg				

## NUTS

- hardness 8,8



DIN	ORDER NO.	SIZE	PACKING SIZE
934-8	<b>PM04000</b>	M 4	5 kg
934-8	<b>PM05000</b>	M 5	5 kg
934-8	<b>PM06000</b>	M 6	5 kg
934-8	<b>PM07000</b>	M 7	pcs
934-8	<b>PM08000</b>	M 8	5 kg
934-8	<b>PM10000</b>	M 10	5 kg
934-8	<b>PM12000</b>	M 12	5 kg
934-8	<b>PM14000</b>	M 14	5 kg
934-8	<b>PM16000</b>	M 16	5 kg
934-8	<b>PM18000</b>	M 18	5 kg
934-8	<b>PM20000</b>	M 20	5 kg
934-8	<b>PM22000</b>	M 22	pcs
934-8	<b>PM24000</b>	M 24	5 kg
934-8	<b>PM27000</b>	M 27	125 pcs
934-8	<b>PM30000</b>	M 30	10 pcs
934-8	<b>PM33000</b>	M 33	10 pcs
934-8	<b>PM36000</b>	M 36	5 pcs

## HEX NUTS 10 Hard



ORDER NO.	SIZE	PACKING SIZE
<b>PM08-10</b>	M 8	250 pcs
<b>PM10-10</b>	M 10	250 pcs
<b>PM12-10</b>	M 12	100 pcs
<b>PM14-10</b>	M 14	100 pcs
<b>PM16-10</b>	M 16	100 pcs
<b>PM18-10</b>	M 18	50 pcs
<b>PM20-10</b>	M 20	50 pcs
<b>PM24-10</b>	M 24	25 pcs

## LOCK NUTS "Nyloc"



DIN	ORDER NO.	SIZE	PACKING SIZE
985	<b>PML06000</b>	M 6	5 kg
985	<b>PML08000</b>	M 8	5 kg
985	<b>PML10000</b>	M 10	5 kg
985	<b>PML12000</b>	M 12	5 kg
985	<b>PML14000</b>	M 14	5 kg
985	<b>PML16000</b>	M 16	5 kg
985	<b>PML18000</b>	M 18	5 kg
985	<b>PML20000</b>	M 20	5 kg
985	<b>PML22000</b>	M 22	25 pcs
985	<b>PML24000</b>	M 24	5 kg
985	<b>PML27000</b>	M 27	10 pcs
985	<b>PML30000</b>	M 30	10 pcs

## EXTENSION NUTS



ORDER NO.	SIZE	LENGTH	PACKING SIZE
<b>PMJ06</b>	6 mm	18 mm	100 pcs
<b>PMJ08</b>	8 mm	24 mm	100 pcs
<b>PMJ10</b>	10 mm	30 mm	50 pcs
<b>PMJ12</b>	12 mm	36 mm	50 pcs
<b>PMJ14</b>	14 mm	42 mm	50 pcs
<b>PMJ16</b>	16 mm	48 mm	25 pcs
<b>PMJ20</b>	20 mm	60 mm	25 pcs
<b>PMJ24</b>	24 mm	72 mm	10 pcs

## WING NUTS



ORDER NO.	SIZE	PACKING SIZE
<b>PMS04</b>	4 mm	250 pcs
<b>PMS05</b>	5 mm	250 pcs
<b>PMS06</b>	6 mm	250 pcs
<b>PMS08</b>	8 mm	100 pcs
<b>PMS10</b>	10 mm	100 pcs
<b>PMS12</b>	12 mm	50 pcs

## WASHERS



DIN	ORDER NO.	SIZE	PACKING SIZE
125	<b>PAL04000</b>	M 4	5 kg
125	<b>PAL05000</b>	M 5	5 kg
125	<b>PAL06000</b>	M 6	5 kg
125	<b>PAL08000</b>	M 8	5 kg
125	<b>PAL10000</b>	M 10	5 kg
125	<b>PAL12000</b>	M 12	5 kg
125	<b>PAL14000</b>	M 14	5 kg
125	<b>PAL16000</b>	M 16	5 kg
125	<b>PAL18000</b>	M 18	5 kg
125	<b>PAL20000</b>	M 20	5 kg
125	<b>PAL22000</b>	M 22	50 pcs
125	<b>PAL24000</b>	M 24	5 kg
125	<b>PAL27000</b>	M 27	25 pcs
125	<b>PAL30000</b>	M 30	25 pcs
125	<b>PAL36000</b>	M 36	25 pcs

## THREADED BARS

- packing size: 10



HARDNESS	ORDER NO.	SIZE x PITCH	LENGTH
4,6	<b>PKT05046</b>	M 5 x 0,8	1 m
4,6	<b>PKT05046-2</b>	M 5 x 0,8	2 m
4,6	<b>PKT06046</b>	M 6 x 1,0	1 m
4,6	<b>PKT06046-2</b>	M 6 x 1,0	2 m
4,6	<b>PKT08046</b>	M 8 x 1,25	1 m
4,6	<b>PKT08046-2</b>	M 8 x 1,25	2 m
4,6	<b>PKT10046</b>	M 10 x 1,5	1 m
4,6	<b>PKT10046-2</b>	M 10 x 1,5	2 m
4,6	<b>PKT12046</b>	M 12 x 1,75	1 m
4,6	<b>PKT12046-2</b>	M 12 x 1,75	2 m
4,6	<b>PKT14046</b>	M 14 x 2,0	1 m
4,6	<b>PKT14046-2</b>	M 14 x 2,0	2 m
4,6	<b>PKT16046</b>	M 16 x 2,0	1 m
4,6	<b>PKT16046-2</b>	M 16 x 2,0	2 m
4,6	<b>PKT16046-3</b>	M 16 x 2,0	3 m
4,6	<b>PKT18046</b>	M 18 x 2,5	1 m
4,6	<b>PKT18046-2</b>	M 18 x 2,5	2 m
4,6	<b>PKT20046</b>	M 20 x 2,5	1 m
4,6	<b>PKT20046-2</b>	M 20 x 2,5	2 m
4,6	<b>PKT24046</b>	M 24 x 3,0	1 m
8,8	<b>PKT05088</b>	M 5 x 0,8	1 m
8,8	<b>PKT06088</b>	M 6 x 1,0	1 m
8,8	<b>PKT08088</b>	M 8 x 1,25	1 m
8,8	<b>PKT10088</b>	M 10 x 1,5	1 m
8,8	<b>PKT12088</b>	M 12 x 1,75	1 m
8,8	<b>PKT14088</b>	M 14 x 2,0	1 m
8,8	<b>PKT16088</b>	M 16 x 2,0	1 m
8,8	<b>PKT18088</b>	M 18 x 2,5	1 m
8,8	<b>PKT20088</b>	M 20 x 2,5	1 m
8,8	<b>PKT24088</b>	M 24 x 3,0	1 m

## BASKET WASHERS



DIN	ORDER NO.	SIZE	PACKING SIZE
9021	<b>PKL06000</b>	M 6 (18)	5 kg
9021	<b>PKL08000</b>	M 8 (25)	5 kg
9021	<b>PKL10000</b>	M 10 (30)	5 kg
9021	<b>PKL12000</b>	M 12 (40)	5 kg
9021	<b>PKL14000</b>	M 14	5 kg
9021	<b>PKL16000</b>	M 16 (50)	5 kg

## SQUARE WASHERS



DIN	ORDER NO.	SIZE	PACKING SIZE
436	<b>PNL10000</b>	M 10 35x35x3	5 kg
436	<b>PNL12000</b>	M 12 40x40x4	5 kg
436	<b>PNL16000</b>	M 16 50x50x6	5 kg
436	<b>PNL20000</b>	M 20 60x60x6	5 kg
436	<b>PNL24000</b>	M 24 80x80x7	5 kg

## SPRING WASHERS



DIN	ORDER NO.	SIZE	PACKING SIZE
127B	<b>PJL05000</b>	5 mm	5 kg
127B	<b>PJL06000</b>	6 mm	5 kg
127B	<b>PJL08000</b>	8 mm	5 kg
127B	<b>PJL10000</b>	10 mm	5 kg
127B	<b>PJL12000</b>	12 mm	5 kg
127B	<b>PJL14000</b>	14 mm	5 kg
127B	<b>PJL16000</b>	16 mm	5 kg
127B	<b>PJL18000</b>	18 mm	5 kg
127B	<b>PJL20000</b>	20 mm	5 kg
127B	<b>PJL24000</b>	24 mm	5 kg

## CONICAL SPRING WASHERS

ORDER NO.	HOLE	PACKING SIZE
<b>PJLK12000</b>	12 mm	50 pcs
<b>PJLK14000</b>	14 mm	50 pcs
<b>PJLK16000</b>	16 mm	50 pcs
<b>PJLK18000</b>	18 mm	25 pcs
<b>PJLK20000</b>	20 mm	25 pcs
<b>PJLK22000</b>	22 mm	25 pcs



## LOCK-HEAD SCREWS



DIN	ORDER NO.	SIZE	PACKING SIZE
603	<b>PL06025</b>	M 6 x 25	5 kg
603	<b>PL06030</b>	M 6 x 30	5 kg
603	<b>PL06035</b>	M 6 x 35	5 kg
603	<b>PL06040</b>	M 6 x 40	5 kg
603	<b>PL06050</b>	M 6 x 50	5 kg
603	<b>PL06060</b>	M 6 x 60	5 kg
603	<b>PL08020</b>	M 8 x 20	5 kg
603	<b>PL08030</b>	M 8 x 30	5 kg
603	<b>PL08035</b>	M 8 x 35	5 kg
603	<b>PL08040</b>	M 8 x 40	5 kg
603	<b>PL08045</b>	M 8 x 45	2,3 kg
603	<b>PL08050</b>	M 8 x 50	5 kg
603	<b>PL08060</b>	M 8 x 60	5 kg
603	<b>PL08070</b>	M 8 x 70	5 kg
603	<b>PL08080</b>	M 8 x 80	5 kg
603	<b>PL08090</b>	M 8 x 90	5 kg
603	<b>PL08100</b>	M 8 x 100	5 kg
603	<b>PL08120</b>	M 8 x 120	5 kg
603	<b>PL10050</b>	M 10 x 50	5 kg
603	<b>PL10060</b>	M 10 x 60	5 kg
603	<b>PL10070</b>	M 10 x 70	5 kg
603	<b>PL10080</b>	M 10 x 80	5 kg
603	<b>PL10100</b>	M 10 x 100	5 kg
603	<b>PL10120</b>	M 10 x 120	5 kg
603	<b>PL12060</b>	M 12 x 60	5 kg
603	<b>PL12080</b>	M 12 x 80	5 kg
603	<b>PL12100</b>	M 12 x 100	5 kg
603	<b>PL12120</b>	M 12 x 120	5 kg
603	<b>PL12140</b>	M 12 x 140	5 kg
603	<b>PL12160</b>	M 12 x 160	5 kg
603	<b>PL12220</b>	M 12 x 220	5 kg

## HEX-HEAD LAG BOLTS



DIN	ORDER NO.	SIZE	PACKING SIZE
571	<b>PT06030</b>	6 x 30	5 kg
571	<b>PT06040</b>	6 x 40	5 kg
571	<b>PT06050</b>	6 x 50	5 kg
571	<b>PT06060</b>	6 x 60	5 kg
571	<b>PT06080</b>	6 x 80	5 kg
571	<b>PT06100</b>	6 x 100	5 kg
571	<b>PT08040</b>	8 x 40	5 kg
571	<b>PT08050</b>	8 x 50	5 kg
571	<b>PT08060</b>	8 x 60	5 kg
571	<b>PT08080</b>	8 x 80	5 kg
571	<b>PT08100</b>	8 x 100	5 kg
571	<b>PT08120</b>	8 x 120	5 kg
571	<b>PT10060</b>	10 x 60	5 kg
571	<b>PT10070</b>	10 x 70	5 kg
571	<b>PT10080</b>	10 x 80	5 kg
571	<b>PT10090</b>	10 x 90	5 kg
571	<b>PT10100</b>	10 x 100	5 kg
571	<b>PT10120</b>	10 x 120	5 kg
571	<b>PT10150</b>	10 x 150	5 kg
571	<b>PT12120</b>	12 x 120	5 kg

## LOCK-HEAD BOLTS

- hardness 8,8  
- e.g. for fastening blade



ORDER NO.	SIZE	PACKING SIZE
<b>PL1004088</b>	10 x 40	100 pcs
<b>PL1204088</b>	12 x 40	50 pcs
<b>PL1604088</b>	16 x 40	50 pcs
<b>PL1604588</b>	16 x 45	50 pcs
<b>PL1605088</b>	16 x 50	50 pcs
<b>PL1605588</b>	16 x 55	50 pcs
<b>PL1606088</b>	16 x 60	50 pcs
<b>PL1607088</b>	16 x 70	50 pcs

## SLOT-HEAD SCREWS



DIN	ORDER NO.	SIZE	PACKING SIZE
84	<b>PU04010</b>	M 4 x 10	5 kg
84	<b>PU04016</b>	M 4 x 16	5 kg
84	<b>PU04020</b>	M 4 x 20	5 kg
84	<b>PU04025</b>	M 4 x 25	5 kg
84	<b>PU04030</b>	M 4 x 30	5 kg
84	<b>PU04035</b>	M 4 x 35	5 kg
84	<b>PU04040</b>	M 4 x 40	5 kg
84	<b>PU05010</b>	M 5 x 10	5 kg
84	<b>PU05016</b>	M 5 x 16	5 kg
84	<b>PU05020</b>	M 5 x 20	5 kg
84	<b>PU05025</b>	M 5 x 25	5 kg
84	<b>PU05030</b>	M 5 x 30	5 kg
84	<b>PU05035</b>	M 5 x 35	5 kg
84	<b>PU05040</b>	M 5 x 40	5 kg
84	<b>PU05050</b>	M 5 x 50	5 kg

## HEX SCREWS UNC ZINC-PLATED



ORDER NO.	SIZE	LENGTH	PACKING SIZE
PKC14X1	1/4"	1"	200 pcs
PKC14X112	1/4"	1 1/2"	200 pcs
PKC14X2	1/4"	2"	200 pcs
PKC14X3	1/4"	3"	200 pcs
PKC516X1	5/16"	1"	200 pcs
PKC516X112	5/16"	1 1/2"	200 pcs
PKC516X2	5/16"	2"	200 pcs
PKC516X212	5/16"	2 1/2"	200 pcs
PKC516X3	5/16"	3"	200 pcs
PKC516X312	5/16"	3 1/2"	100 pcs
PKC516X4	5/16"	4"	100 pcs
PKC516X5	5/16"	5"	100 pcs
PKC38X1	3/8"	1"	200 pcs
PKC38X112	3/8"	1 1/2"	200 pcs
PKC38X2	3/8"	2"	200 pcs
PKC38X212	3/8"	2 1/2"	100 pcs
PKC38X3	3/8"	3"	100 pcs
PKC38X312	3/8"	3 1/2"	100 pcs
PKC38X4	3/8"	4"	100 pcs
PKC38X412	3/8"	1/2"	100 pcs
PKC38X5	3/8"	5"	100 pcs
PKC716X1	7/16"	1"	100 pcs
PKC716X112	7/16"	1 1/2"	100 pcs
PKC716X2	7/16"	2"	100 pcs
PKC716X212	7/16"	2 1/2"	100 pcs
PKC716X3	7/16"	3"	100 pcs
PKC716X312	7/16"	3 1/2"	50 pcs
PKC716X4	7/16"	4"	50 pcs

ORDER NO.	SIZE	LENGTH	PACKING SIZE
PKC12X1	1/2"	1"	100 pcs
PKC12X112	1/2"	1 1/2"	100 pcs
PKC12X2	1/2"	2"	100 pcs
PKC12X212	1/2"	2 1/2"	100 pcs
PKC12X3	1/2"	3"	100 pcs
PKC12X312	1/2"	3 1/2"	50 pcs
PKC12X4	1/2"	4"	50 pcs
PKC12X5	1/2"	5"	50 pcs
PKC916X112	9/16"	1 1/2"	50 pcs
PKC916X2	9/16"	2"	50 pcs
PKC916X212	9/16"	2 1/2"	25 pcs
PKC916X3	9/16"	3"	25 pcs
PKC58X1	5/8"	1"	50 pcs
PKC58X112	5/8"	1 1/2"	50 pcs
PKC58X2	5/8"	2"	50 pcs
PKC58X212	5/8"	2 1/2"	50 pcs
PKC58X3	5/8"	3"	50 pcs
PKC58X312	5/8"	3 1/2"	25 pcs
PKC58X4	5/8"	4"	25 pcs
PKC58X412	5/8"	4 1/2"	25 pcs
PKC58X5	5/8"	5"	25 pcs
PKC34X112	3/4"	1 1/2"	50 pcs
PKC34X2	3/4"	2"	10 pcs
PKC34X212	3/4"	2 1/2"	50 pcs
PKC34X3	3/4"	3"	25 pcs
PKC34X312	3/4"	3 1/2"	25 pcs
PKC34X4	3/4"	4"	25 pcs
PKC34X5	3/4"	5"	25 pcs
PKC78X2	7/8"	2"	25 pcs
PKC78X212	7/8"	2 1/2"	25 pcs
PKC78X3	7/8"	3"	25 pcs
PKC78X312	7/8"	3 1/2"	25 pcs
PKC1X4	1"	4"	10 pcs

## HEX NUTS UNC



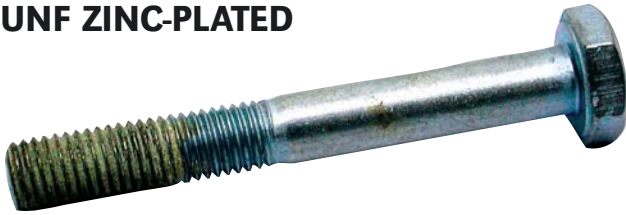
ORDER NO.	SIZE	PACKING SIZE
PMC14	1/4"	250 pcs
PMC516	5/16"	250 pcs
PMC38	3/8"	250 pcs
PMC716	7/16"	100 pcs
PMC12	1/2"	100 pcs
PMC916	9/16"	100 pcs
PMC58	5/8"	100 pcs
PMC34	3/4"	50 pcs
PMC78	7/8"	25 pcs
PMC1	1"	25 pcs

## HEX NUTS UNC NYLOC



ORDER NO.	SIZE	PACKING SIZE
PMCL14	1/4"	100 pcs
PMCL516	5/16"	100 pcs
PMCL38	3/8"	100 pcs
PMCL716	7/16"	100 pcs
PMCL12	1/2"	100 pcs
PMCL916	9/16"	50 pcs
PMCL58	5/8"	50 pcs
PMCL34	3/4"	50 pcs
PMCL78	7/8"	25 pcs

## HEX SCREWS UNF ZINC-PLATED



ORDER NO.	SIZE	LENGTH	PACKING SIZE
PKF14X1	1/4"	1"	200 pcs
PKF14X112	1/4"	1 1/2"	200 pcs
PKF14X2	1/4"	2"	200 pcs
PKF14X212	1/4"	2 1/2"	200 pcs
PKF14X3	1/4"	3"	200 pcs
PKF14X312	1/4"	3 1/2"	100 pcs
PKF14X4	1/4"	4"	100 pcs
PKF516X1	5/16"	1"	200 pcs
PKF516X112	5/16"	1 1/2"	200 pcs
PKF516X2	5/16"	2"	200 pcs
PKF516X212	5/16"	2 1/2"	100 pcs
PKF516X3	5/16"	3"	100 pcs
PKF516X312	5/16"	3 1/2"	100 pcs
PKF516X4	5/16"	4"	100 pcs
PKF38X1	3/8"	1"	200 pcs
PKF38X112	3/8"	1 1/2"	200 pcs
PKF38X2	3/8"	2"	200 pcs
PKF38X212	3/8"	2 1/2"	100 pcs
PKF38X3	3/8"	3"	100 pcs
PKF38X312	3/8"	3 1/2"	100 pcs
PKF38X4	3/8"	4"	100 pcs
PKF716X1	7/16"	1"	100 pcs
PKF716X112	7/16"	1 1/2"	100 pcs
PKF716X2	7/16"	2"	100 pcs
PKF716X212	7/16"	2 1/2"	100 pcs
PKF716X3	7/16"	3"	100 pcs
PKF716X312	7/16"	3 1/2"	50 pcs
PKF716X4	7/16"	4"	50 pcs

ORDER NO.	SIZE	LENGTH	PACKING SIZE
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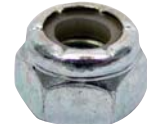
PKF12X1	1/2"	1"	100 pcs
PKF12X112	1/2"	1 1/2"	100 pcs
PKF12X2	1/2"	2"	100 pcs
PKF12X212	1/2"	2 1/2"	100 pcs
PKF12X3	1/2"	3"	50 pcs
PKF12X312	1/2"	3 1/2"	50 pcs
PKF12X4	1/2"	4"	50 pcs
PKF12X5	1/2"	5"	50 pcs
PKF916X112	9/16"	1 1/2"	100 pcs
PKF916X2	9/16"	2"	50 pcs
PKF916X212	9/16"	2 1/2"	50 pcs
PKF916X3	9/16"	3"	50 pcs
PKF916X4	9/16"	4"	50 pcs
PKF58X1	5/8"	1"	50 pcs
PKF58X112	5/8"	1 1/2"	50 pcs
PKF58X2	5/8"	2"	50 pcs
PKF58X212	5/8"	2 1/2"	50 pcs
PKF58X3	5/8"	3"	50 pcs
PKF58X312	5/8"	3 1/2"	25 pcs
PKF58X4	5/8"	4"	25 pcs
PKF58X5	5/8"	5"	25 pcs
PKF58X6	5/8"	6"	25 pcs
PKF34X112	3/4"	1 1/2"	50 pcs
PKF34X2	3/4"	2"	50 pcs
PKF34X212	3/4"	2 1/2"	50 pcs
PKF34X3	3/4"	3"	25 pcs
PKF34X312	3/4"	3 1/2"	25 pcs
PKF34X4	3/4"	4"	25 pcs
PKF34X5	3/4"	5"	25 pcs
PKF34X6	3/4"	6"	25 pcs
PKF78X2	7/8"	2"	25 pcs
PKF78X212	7/8"	2 1/2"	25 pcs
PKF78X3	7/8"	3"	25 pcs
PKF78X312	7/8"	3 1/2"	25 pcs
PKF78X4	7/8"	4"	25 pcs
PKF78X5	7/8"	5"	25 pcs
PKF78X6	7/8"	6"	25 pcs
PKF78X7	7/8"	7"	10 pcs
PKF78X8	7/8"	8"	10 pcs
PKF1X212	1"	2 1/2"	5 pcs
PKF1x412	1"	4 1/2"	5 pcs

## HEX NUTS UNF



ORDER NO.	SIZE	PACKING SIZE
PMF14	1/4"	250 pcs
PMF516	5/16"	250 pcs
PMF38	3/8"	250 pcs
PMF716	7/16"	100 pcs
PMF12	1/2"	100 pcs
PMF916	9/16"	100 pcs
PMF58	5/8"	100 pcs
PMF34	3/4"	50 pcs
PMF78	7/8"	50 pcs
PMF1	1"	25 pcs

## HEX NUTS UNF NYLOC



ORDER NO.	SIZE	PACKING SIZE
PMFL14	1/4"	100 pcs
PMFL516	5/16"	100 pcs
PMFL38	3/8"	100 pcs
PMFL716	7/16"	100 pcs
PMFL12	1/2"	100 pcs
PMFL916	9/16"	50 pcs
PMFL58	5/8"	50 pcs
PMFL34	3/4"	50 pcs
PMFL78	7/8"	25 pcs
PMFL1	1"	10 pcs

## HEX SCREWS FINE THREAD 8,8

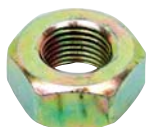


ORDER NO.	SIZE	PITCH	PACKING SIZE
PKH0802010	8 x 20	1,0	200 pcs
PKH0803010	8 x 30	1,0	200 pcs
PKH0804010	8 x 40	1,0	200 pcs
PKH0805010	8 x 50	1,0	200 pcs
PKH0806010	8 x 60	1,0	200 pcs
PKH10020125	10 x 20	1,25	200 pcs
PKH10030125	10 x 30	1,25	200 pcs
PKH10040125	10 x 40	1,25	100 pcs
PKH10050125	10 x 50	1,25	100 pcs
PKH10060125	10 x 60	1,25	100 pcs
PKH10070125	10 x 70	1,25	100 pcs
PKH10080125	10 x 80	1,25	100 pcs
PKH10090125	10 x 90	1,25	100 pcs
PKH10100125	10 x 100	1,25	100 pcs
PKH10110125	10 x 110	1,25	100 pcs
PKH12030125	12 x 30	1,25	100 pcs
PKH12040125	12 x 40	1,25	100 pcs
PKH12050125	12 x 50	1,25	100 pcs
PKH12060125	12 x 60	1,25	100 pcs
PKH12070125	12 x 70	1,25	50 pcs
PKH12080125	12 x 80	1,25	50 pcs
PKH12090125	12 x 90	1,25	50 pcs
PKH1202015	12 x 20	1,5	100 pcs
PKH1203015	12 x 30	1,5	100 pcs

ORDER NO.	SIZE	PITCH	PACKING SIZE
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PKH1204015	12 x 40	1,5	100 pcs
PKH1205015	12 x 50	1,5	100 pcs
PKH1206015	12 x 60	1,5	100 pcs
PKH1208015	12 x 80	1,5	50 pcs
PKH1210015	12 x 100	1,5	50 pcs
PKH1403015	14 x 30	1,5	100 pcs
PKH1404015	14 x 40	1,5	100 pcs
PKH1405015	14 x 50	1,5	50 pcs
PKH1406015	14 x 60	1,5	50 pcs
PKH1407015	14 x 70	1,5	50 pcs
PKH1408015	14 x 80	1,5	50 pcs
PKH1410015	14 x 100	1,5	50 pcs
PKH1603015	16 x 30	1,5	50 pcs
PKH1604015	16 x 40	1,5	50 pcs
PKH1605015	16 x 50	1,5	50 pcs
PKH1606015	16 x 60	1,5	50 pcs
PKH1607015	16 x 70	1,5	25 pcs
PKH1608015	16 x 80	1,5	25 pcs
PKH1610015	16 x 100	1,5	25 pcs
PKH1805015	18 x 50	1,5	50 pcs
PKH1806015	18 x 60	1,5	25 pcs
PKH1808015	18 x 80	1,5	25 pcs
PKH1810015	18 x 100	1,5	25 pcs
PKH2005015	20 x 50	1,5	25 pcs
PKH2006015	20 x 60	1,5	25 pcs
PKH2008015	20 x 80	1,5	25 pcs
PKH2010015	20 x 100	1,5	25 pcs
PKH2405020	24 x 50	2,0	10 pcs
PKH2406020	24 x 60	2,0	10 pcs
PKH2408020	24 x 80	2,0	10 pcs
PKH2410020	24 x 24	2,0	10 pcs

## HEX NUTS FINE THREAD



ORDER NO.	SIZE	PITCH	PACKING SIZE
PMH0810	8 mm	1,0 mm	250 pcs
PMH1010	10 mm	1,0 mm	250 pcs
PMH10125	10 mm	1,25 mm	250 pcs
PMH12125	12 mm	1,25 mm	100 pcs
PMH1215	12 mm	1,5 mm	100 pcs
PMH1415	14 mm	1,5 mm	100 pcs
PMH1615	16 mm	1,5 mm	100 pcs
PMH1815	18 mm	1,5 mm	50 pcs
PMH2015	20 mm	1,5 mm	50 pcs
PMH2420	24 mm	2,0 mm	25 pcs
PMH3020	30 mm	2,0 mm	25 pcs

## HEX NUTS FINE THREAD NYLOC



ORDER NO.	SIZE	PITCH	PACKING SIZE
PMHL0810	8 mm	1,0 mm	250 pcs
PMHL1010	10 mm	1,0 mm	250 pcs
PMHL10125	10 mm	1,25 mm	200 pcs
PMHL12125	12 mm	1,25 mm	100 pcs
PMHL1215	12 mm	1,5 mm	100 pcs
PMHL1415	14 mm	1,5 mm	100 pcs
PMHL1615	16 mm	1,5 mm	50 pcs
PMHL1815	18 mm	1,5 mm	50 pcs
PMHL2015	20 mm	1,5 mm	25 pcs
PMHL2420	24 mm	2,0 mm	25 pcs

## HEX SCREWS 10,9



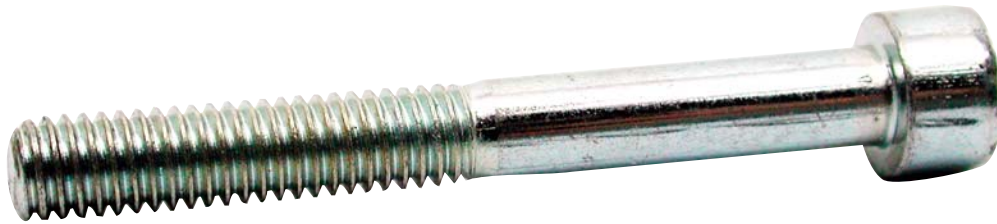
ORDER NO.	SIZE	PACKING SIZE
PK08020109	8 x 20	200 pcs
PK08030109	8 x 30	200 pcs
PK08040109	8 x 40	200 pcs
PK08050109	8 x 50	200 pcs
PK08060109	8 x 60	200 pcs
PK08070109	8 x 70	200 pcs
PK10030109	10 x 30	200 pcs
PK10040109	10 x 40	100 pcs
PK10050109	10 x 50	100 pcs
PK10060109	10 x 60	100 pcs
PK10070109	10 x 70	100 pcs
PK10080109	10 x 80	100 pcs
PK10090109	10 x 90	100 pcs
PK10100109	10 x 100	100 pcs
PK12030109	12 x 30	100 pcs
PK12040109	12 x 40	100 pcs
PK12050109	12 x 50	100 pcs
PK12060109	12 x 60	100 pcs
PK12070109	12 x 70	50 pcs
PK12080109	12 x 80	50 pcs
PK12090109	12 x 90	50 pcs
PK12100109	12 x 100	50 pcs
PK12120109	12 x 120	50 pcs
PK16030109	16 x 30	50 pcs
PK16040109	16 x 40	50 pcs
PK16050109	16 x 50	50 pcs
PK16060109	16 x 60	50 kpl
PK16070109	16 x 70	25 pcs
PK16080109	16 x 80	25 pcs
PK16090109	16 x 90	25 pcs
PK16100109	16 x 100	25 pcs
PK16120109	16 x 120	25 pcs
PK18060109	18 x 60	25 pcs
PK20050109	20 x 50	25 pcs
PK20060109	20 x 60	25 pcs
PK20070109	20 x 70	25 pcs
PK20080109	20 x 80	25 pcs
PK20090109	20 x 90	25 pcs
PK20100109	20 x 100	25 pcs
PK20120109	20 x 120	25 pcs
PK24050109	24 x 50	25 pcs
PK24060109	24 x 60	25 pcs
PK24080109	24 x 80	25 pcs
PK24100109	24 x 100	10 pcs

## COUNTERSUNK HEX SCREWS 10,9



ORDER NO.	SIZE	PACKING SIZE
PUK04020109	4 x 20	200 pcs
PUK05010109	5 x 10	200 pcs
PUK05020109	5 x 20	200 pcs
PUK05030109	5 x 30	200 pcs
PUK05040109	5 x 40	200 pcs
PUK05050109	5 x 50	200 pcs
PUK06010109	6 x 10	200 pcs
PUK06016109	6 x 16	200 pcs
PUK06020109	6 x 20	200 pcs
PUK06030109	6 x 30	200 pcs
PUK06040109	6 x 40	200 pcs
PUK06050109	6 x 50	200 pcs
PUK06060109	6 x 60	200 pcs
PUK08012109	8 x 12	200 pcs
PUK08016109	8 x 16	200 pcs
PUK08020109	8 x 20	200 pcs
PUK08025109	8 x 25	200 pcs
PUK08030109	8 x 30	200 pcs
PUK08040109	8 x 40	200 pcs
PUK08050109	8 x 50	200 pcs
PUK08060109	8 x 60	100 pcs
PUK10020109	10 x 20	200 pcs
PUK10025109	10 x 25	200 pcs
PUK10030109	10 x 30	200 pcs
PUK10040109	10 x 40	200 pcs
PUK10050109	10 x 50	100 pcs
PUK10060109	10 x 60	100 pcs
PUK12025109	12 x 25	100 pcs
PUK12030109	12 x 30	100 pcs
PUK12040109	12 x 40	100 pcs
PUK12050109	12 x 50	100 pcs
PUK12060109	12 x 60	100 pcs
PUK12080109	12 x 80	100 pcs
PUK12130109	12 x 130	25 pcs
PUK14030109	14 x 30	25 pcs
PUK14040109	14 x 40	25 pcs
PUK14050109	14 x 50	25 pcs
PUK16030109	16 x 30	50 pcs
PUK16040109	16 x 40	50 pcs
PUK16050109	16 x 50	50 pcs
PUK16060109	16 x 60	50 pcs
PUK20040109	20 x 40	10 pcs
PUK20050109	20 x 50	10 pcs
PUK20060109	20 x 60	10 pcs
PUK20080109	20 x 80	10 pcs
PUK20140109	20 x 140	25 pcs

## HEX SOCKET-HEAD SCREWS 8,8



ORDER NO.	SIZE	PACKING SIZE
PKK04020	4 x 20	200 pcs
PKK04030	4 x 30	200 pcs
PKK04040	4 x 40	200 pcs
PKK04050	4 x 50	200 pcs
PKK04060	4 x 60	200 pcs
PKK05020	5 x 20	200 pcs
PKK05030	5 x 30	200 pcs
PKK05040	5 x 40	200 pcs
PKK05050	5 x 50	200 pcs
PKK05060	5 x 60	200 pcs
PKK06020	6 x 20	200 pcs
PKK06030	6 x 30	200 pcs
PKK06040	6 x 40	200 pcs
PKK06050	6 x 50	200 pcs
PKK06060	6 x 60	200 pcs
PKK06080	6 x 80	200 pcs
PKK06100	6 x 100	100 pcs
PKK08020	8 x 20	200 pcs
PKK08030	8 x 30	200 pcs
PKK08040	8 x 40	200 pcs
PKK08050	8 x 50	200 pcs
PKK08060	8 x 60	200 pcs
PKK08080	8 x 80	200 pcs
PKK08100	8 x 100	100 pcs
PKK08120	8 x 120	100 pcs
PKK10020	10 x 20	200 pcs
PKK10030	10 x 30	200 pcs
PKK10040	10 x 40	100 pcs
PKK10050	10 x 50	100 pcs
PKK10060	10 x 60	100 pcs
PKK10080	10 x 80	100 pcs
PKK10100	10 x 100	100 pcs
PKK10120	10 x 120	50 pcs
PKK10140	10 x 140	50 pcs

ORDER NO.	SIZE	PACKING SIZE
PKK12030	12 x 30	100 pcs
PKK12040	12 x 40	100 pcs
PKK12050	12 x 50	100 pcs
PKK12060	12 x 60	100 pcs
PKK12080	12 x 80	50 pcs
PKK12090	12 x 90	50 pcs
PKK12100	12 x 100	50 pcs
PKK12120	12 x 120	25 pcs
PKK12140	12 x 140	25 pcs
PKK14040	14 x 40	100 pcs
PKK14050	14 x 50	50 pcs
PKK14060	14 x 60	50 pcs
PKK14080	14 x 80	50 pcs
PKK14100	14 x 100	50 pcs
PKK16040	16 x 40	50 pcs
PKK16050	16 x 50	50 pcs
PKK16060	16 x 60	50 pcs
PKK16080	16 x 80	25 pcs
PKK16100	16 x 100	25 pcs
PKK16120	16 x 120	25 pcs
PKK16140	16 x 140	25 pcs
PKK16160	16 x 160	25 pcs
PKK20040	20 x 40	25 pcs
PKK20050	20 x 50	25 pcs
PKK20060	20 x 60	25 pcs
PKK20080	20 x 80	25 pcs
PKK20100	20 x 100	25 pcs
PKK20120	20 x 120	25 pcs
PKK20140	20 x 140	25 pcs
PKK20160	20 x 160	10 pcs
PKK24060	24 x 60	10 pcs
PKK24080	24 x 80	10 pcs
PKK24100	24 x 100	10 pcs
PKK24120	24 x 120	5 pcs

## HEX SOCKET-HEAD SCREWS 12,9 BLACK



ORDER NO.	SIZE	PACKING SIZE
PKK05020129	5 x 20	200 pcs
PKK05030129	5 x 30	200 pcs
PKK05040129	5 x 40	200 pcs
PKK05050129	5 x 50	200 pcs
PKK06020129	6 x 20	200 pcs
PKK06025129	6 x 25	200 pcs
PKK06030129	6 x 30	200 pcs
PKK06035129	6 x 35	200 pcs
PKK06040129	6 x 40	200 pcs
PKK06045129	6 x 45	200 pcs
PKK06050129	6 x 50	200 pcs
PKK06060129	6 x 60	200 pcs
PKK06070129	6 x 70	200 pcs
PKK06080129	6 x 80	200 pcs
PKK06100129	6 x 100	100 pcs
PKK08020129	8 x 20	200 pcs
PKK08025129	8 x 25	200 pcs
PKK08030129	8 x 30	200 pcs
PKK08035129	8 x 35	200 pcs
PKK08040129	8 x 40	200 pcs
PKK08045129	8 x 45	200 pcs
PKK08050129	8 x 50	200 pcs
PKK08060129	8 x 60	200 pcs
PKK08070129	8 x 70	200 pcs
PKK08080129	8 x 80	200 pcs
PKK08100129	8 x 100	100 pcs
PKK08120129	8 x 120	50 pcs
PKK10020129	10 x 20	200 pcs
PKK10025129	10 x 25	200 pcs
PKK10030129	10 x 30	200 pcs
PKK10035129	10 x 35	100 pcs
PKK10040129	10 x 40	100 pcs
PKK10045129	10 x 45	100 pcs
PKK10050129	10 x 50	100 pcs
PKK10060129	10 x 60	100 pcs
PKK10070129	10 x 70	100 pcs
PKK10080129	10 x 80	100 pcs
PKK10090129	10 x 90	100 pcs
PKK10100129	10 x 100	100 pcs
PKK10110129	10 x 110	50 pcs
PKK10120129	10 x 120	50 pcs
PKK10140129	10 x 140	25 pcs
PKK10150129	10 x 150	25 pcs
PKK12025129	12 x 25	100 pcs
PKK12030129	12 x 30	100 pcs
PKK12035129	12 x 35	100 pcs
PKK12040129	12 x 40	100 pcs
PKK12045129	12 x 45	100 pcs
PKK12050129	12 x 50	100 pcs
PKK12060129	12 x 60	100 pcs

ORDER NO.	SIZE	PACKING SIZE
PKK12070129	12 x 70	50 pcs
PKK12080129	12 x 80	50 pcs
PKK12090129	12 x 90	50 pcs
PKK12100129	12 x 100	50 pcs
PKK12110129	12 x 110	50 pcs
PKK12120129	12 x 120	50 pcs
PKK12140129	12 x 140	25 pcs
PKK12150129	12 x 150	25 pcs
PKK14040129	14 x 40	100 pcs
PKK14045129	14 x 45	50 pcs
PKK14050129	14 x 50	50 pcs
PKK14060129	14 x 60	50 pcs
PKK14070129	14 x 70	50 pcs
PKK14080129	14 x 80	50 pcs
PKK14090129	14 x 90	50 pcs
PKK14100129	14 x 100	50 pcs
PKK14120129	14 x 120	25 pcs
PKK16040129	16 x 40	50 pcs
PKK16050129	16 x 50	50 pcs
PKK16060129	16 x 60	50 pcs
PKK16070129	16 x 70	25 pcs
PKK16080129	16 x 80	25 pcs
PKK16090129	16 x 90	25 pcs
PKK16100129	16 x 100	25 pcs
PKK16110129	16 x 110	25 pcs
PKK16120129	16 x 120	25 pcs
PKK16140129	16 x 140	25 pcs
PKK16160129	16 x 160	10 pcs
PKK18040129	18 x 40	50 pcs
PKK18050129	18 x 50	50 pcs
PKK18060129	18 x 60	25 pcs
PKK18070129	18 x 70	25 pcs
PKK18080129	18 x 80	25 pcs
PKK18090129	18 x 90	25 pcs
PKK18100129	18 x 100	25 pcs
PKK18120129	18 x 120	25 pcs
PKK20040129	20 x 40	25 pcs
PKK20050129	20 x 50	25 pcs
PKK20060129	20 x 60	25 pcs
PKK20070129	20 x 70	25 pcs
PKK20080129	20 x 80	25 pcs
PKK20090129	20 x 90	25 pcs
PKK20100129	20 x 100	25 pcs
PKK20120129	20 x 120	25 pcs
PKK20140129	20 x 140	25 pcs
PKK20160129	20 x 160	10 pcs
PKK22140129	22 x 140	10 pcs
PKK24050129	24 x 50	10 pcs
PKK24060129	24 x 60	10 pcs
PKK24080129	24 x 80	10 pcs
PKK24100129	24 x 100	10 pcs
PKK24120129	24 x 120	5 pcs
PKK24140129	24 x 140	5 pcs
PKK24160129	24 x 160	5 pcs
PKK24180129	24 x 180	5 pcs
PKK24200129	24 x 200	5 pcs
PKK24220129	24 x 220	2 pcs
PKK24240129	24 x 240	2 pcs

## CLAMPING SCREWS

DIN626



ORDER NO.	SIZE	PACKING SIZE
PP04004	4 x 4	200 pcs
PP04005	4 x 5	200 pcs
PP04006	4 x 6	200 pcs
PP04008	4 x 8	200 pcs
PP04016	4 x 16	200 pcs
PP05005	5 x 5	200 pcs
PP05006	5 x 6	200 pcs
PP05008	5 x 8	200 pcs
PP05010	5 x 10	200 pcs
PP06006	6 x 6	200 pcs
PP06008	6 x 8	200 pcs
PP06010	6 x 10	200 pcs
PP06012	6 x 12	200 pcs
PP08008	8 x 8	200 pcs
PP08010	8 x 10	200 pcs
PP08012	8 x 12	200 pcs
PP08016	8 x 16	200 pcs
PP08035	8 x 35	100 pcs
PP10010	10 x 10	200 pcs
PP10012	10 x 12	200 pcs
PP10016	10 x 16	200 pcs
PP10020	10 x 20	200 pcs
PP12012	12 x 12	100 pcs
PP12016	12 x 16	100 pcs
PP12020	12 x 20	100 pcs
PP12025	12 x 25	100 pcs
PP16016	16 x 16	50 pcs
PP16020	16 x 20	50 pcs
PP16025	16 x 25	50 pcs
PP16030	16 x 30	50 pcs

## LOCK RINGS EXTERNAL

DIN 471



ORDER NO.	SIZE	PACKING SIZE
LRU08	8 mm	250 pcs
LRU10	10 mm	250 pcs
LRU12	12 mm	100 pcs
LRU14	14 mm	100 pcs
LRU15	15 mm	100 pcs
LRU16	16 mm	100 pcs
LRU17	17 mm	100 pcs
LRU18	18 mm	100 pcs
LRU20	20 mm	100 pcs
LRU22	22 mm	100 pcs
LRU24	24 mm	100 pcs
LRU25	25 mm	100 pcs
LRU26	26 mm	100 pcs
LRU28	28 mm	100 pcs
LRU30	30 mm	100 pcs
LRU32	32 mm	100 pcs

ORDER NO.	SIZE	PACKING SIZE
LRU35	35 mm	100 pcs
LRU38	38 mm	100 pcs
LRU40	40 mm	50 pcs
LRU42	42 mm	50 pcs
LRU45	45 mm	50 pcs
LRU47	47 mm	50 pcs
LRU48	48 mm	50 pcs
LRU50	50 mm	50 pcs
LRU52	52 mm	50 pcs
LRU54	54 mm	25 pcs
LRU55	55 mm	25 pcs
LRU56	56 mm	25 pcs
LRU58	58 mm	25 pcs
LRU60	60 mm	25 pcs
LRU62	62 mm	25 pcs

ORDER NO.	SIZE	PACKING SIZE
LRU65	65 mm	10 pcs
LRU70	70 mm	10 pcs
LRU75	75 mm	10 pcs
LRU80	80 mm	10 pcs
LRU85	85 mm	5 pcs
LRU88	88 mm	5 pcs
LRU95	95 mm	5 pcs
LRU105	105 mm	5 pcs
LRU110	110 mm	5 pcs
LRU115	115 mm	5 pcs
LRU120	120 mm	5 pcs
LRU130	130 mm	5 pcs
LRU135	135 mm	5 pcs
LRU140	140 mm	5 pcs
LRU145	145 mm	5 pcs
LRU150	150 mm	3 pcs

## LOCK RINGS INTERNAL

DIN 472



ORDER NO.	SIZE	PACKING SIZE
LRS13	13 mm	100 pcs
LRS14	14 mm	100 pcs
LRS15	15 mm	100 pcs
LRS16	16 mm	100 pcs
LRS17	17 mm	100 pcs
LRS18	18 mm	100 pcs
LRS19	19 mm	100 pcs
LRS20	20 mm	100 pcs
LRS22	22 mm	100 pcs
LRS23	23 mm	100 pcs
LRS24	24 mm	100 pcs
LRS25	25 mm	100 pcs
LRS26	26 mm	100 pcs
LRS28	28 mm	100 pcs
LRS30	30 mm	100 pcs
LRS32	32 mm	100 pcs
LRS34	34 mm	100 pcs
LRS35	35 mm	100 pcs

ORDER NO.	SIZE	PACKING SIZE
LRS36	36 mm	100 pcs
LRS37	37 mm	100 pcs
LRS38	38 mm	100 pcs
LRS40	40 mm	50 pcs
LRS42	42 mm	50 pcs
LRS45	45 mm	50 pcs
LRS47	47 mm	50 pcs
LRS48	48 mm	50 pcs
LRS50	50 mm	50 pcs
LRS52	52 mm	50 pcs
LRS53	53 mm	25 pcs
LRS54	54 mm	25 pcs
LRS55	55 mm	25 pcs
LRS58	58 mm	25 pcs
LRS60	60 mm	25 pcs
LRS62	62 mm	25 pcs
LRS63	63 mm	25 pcs
LRS64	64 mm	25 pcs

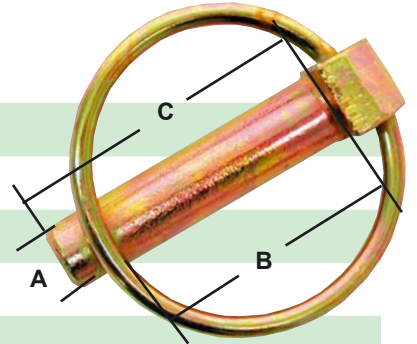
ORDER NO.	SIZE	PACKING SIZE
LRS65	65 mm	10 pcs
LRS68	68 mm	10 pcs
LRS70	70 mm	10 pcs
LRS72	72 mm	10 pcs
LRS73	73 mm	10 pcs
LRS75	75 mm	10 pcs
LRS78	78 mm	10 pcs
LRS80	80 mm	10 pcs
LRS82	82 mm	10 pcs
LRS85	85 mm	5 pcs
LRS90	90 mm	5 pcs
LRS95	95 mm	5 pcs
LRS100	100 mm	5 pcs
LRS105	105 mm	5 pcs
LRS110	110 mm	5 pcs
LRS115	115 mm	5 pcs
LRS125	125 mm	5 pcs
LRS140	140 mm	5 pcs
LRS150	150 mm	3 pcs

## LINCH PINS AND LINCH PIN SETS

- yellow-passivated



ORDER NO. pcs	ORDER NO. 5 pcs plastic bag	ORDER NO. kg	A mm	B mm	C mm
<b>T0447</b> Packing size: 100/500	<b>T0447A</b> Packing size: 1/50		4,5	28,0	35,0
<b>T0430</b> Packing size: 100/500	<b>T0430A</b> Packing size: 1/50		6,0	36,5	44,5
<b>T0431</b> Packing size: 100/500	<b>T0431A</b> Packing size: 1/40	<b>XPRS8</b> Packing size: 2,7/13,5 kg	8,0	34,5	44,5
<b>T0432</b> Packing size: 100/500	<b>T0432A</b> Packing size: 1/40	<b>XPRS95</b> Packing size: 4/40 kg	9,5	37,5	44,5
<b>T0433</b> Packing size: 100/500	<b>T0433A</b> Packing size: 1/40	<b>XPRS11</b> Packing size: 4,8/24 kg	11,0	37,5	44,5



### Click on SAFETY LINCH PIN T0433S



- special groove where the ring locks
- dimensions: A - 11,0, B - 44,5, C - 47,0 mm

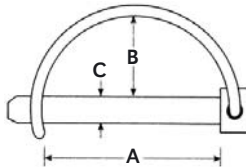
### Click on SAFETY LINCH PIN SET

- 5 pcs/package



**8,5 mm T0431V**      **10,5 mm T0433V**

### SHAFT LOCKING PINS



T0500	T0501	T0502	T0503
A = 50 mm	A = 57 mm	A = 57 mm	A = 89 mm
B = 38 mm	B = 35 mm	B = 38 mm	B = 54 mm
C = ø 6 mm	C = ø 8 mm	C = ø 9,5 mm	C = ø 11 mm
2 pcs	2 pcs	2 pcs	2 pcs

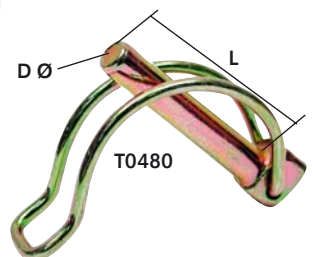
### LINCH PINS FOR LINK BALL



**12 mm T0610** - CAT2      **12 mm T0433B** - 3 pcs serie - CAT2      **17 mm T0611** - CAT3

## PIPE LINCH PINS

ORDER NUMBER	ORDER NUMBER 5 pcs plastic bag	TYPE	DIMENSIONS mm D/L
<b>T0480</b>	<b>T0480A</b>	A	8/45
<b>T0481</b>	<b>T0481A</b>	A	10/60
	<b>T0482A</b>	A	6/40
<b>F3957411</b>		B	13/79
<b>T0616</b>		C	16/62
<b>T0619</b>		C	19/73



## GRIP CLIPS



ORDER NO.	SIZE mm	PACKING SIZE
V429	2,0 x 43	50 pcs
V430	2,5 x 45	50 pcs
V431	3,0 x 54	50 pcs
V431A	3,5 x 67	50 pcs
V432	4,0 x 75	25 pcs
V433	5,0 x 107	25 pcs
V434	6,0 x 117	25 pcs
V435	7,0 x 170	10 pcs

## GRIP CLIP ASSORTMENT 25 pcs V436



PCS	A Ø x B mm	ORDER NO. SEPERATELY
2	2 x 42	V429
4	2,5 x 43	V430
5	3 x 64	V431
10	4 x 76	V432
2	5 x 100	V433
2	6 x 113	V434

## GRIP CLIP ASSORTMENT 555 pcs X008108



- 210 pcs 1,6 x 25 mm
- 150 pcs 2,4 x 25 mm
- 100 pcs 2,4 x 38 mm
- 50 pcs 3,2 x 32 mm
- 30 pcs 3,2 x 50 mm
- 15 pcs 4,0 x 64 mm



## LINCH PIN/GRIP CLIP ASSORTMENT 20 pcs V439

PCS	A "	A mm	ORDER NO. SEPERATELY
2	5/16	8	T0431
6	7/16	11	T0433
4	1/8	3	V431
4	5/32	4	V432
4	13/64	5	V433

## GRIP CLIP SETS



ORDER NO.	PCS/PACKAGE	A Ø mm	B mm
V440	10	3	75
V441	10	4	90
V442	10	5	110
V443	5	6	120
V444	5	7	170

## GRIP CLIP ASSORTMENT 12 pcs V438



PCS	A Ø x B mm	ORDER NO. SEPERATELY
4	3 x 54	V431
8	4 x 75	V432

## GRIP CLIP ASSORTMENT 14 pcs V437



PCS	A Ø x B mm	ORDER NO. SEPERATELY
4	3 x 54	V431
8	4 x 75	V432
2	5 x 107	V433

## EXHAUST PIPE CLAMPS

- material thickness 8 mm
- zinc coated



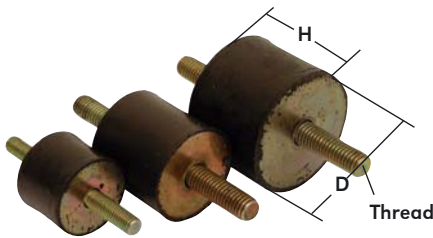
### ORDER NO. SIZE

LSSR26	25 mm
LSSR28	28 mm
LSSR32	32 mm
LSSR36	35 mm
LSSR38	38 mm
LSSR42	42 mm
LSSR45	45 mm
LSSR48	48 mm
LSSR50	51 mm
LSSR54	54 mm
LSSR58	57 mm
LSSR60	60 mm
LSSR65	64 mm
LSSR67	67 mm

### ORDER NO. SIZE

LSSR70	70 mm
LSSR73	73 mm
LSSR76	76 mm
LSSR83	83 mm
LSSR89	89 mm
LSSR95	95 mm
LSSR102	102 mm
LSSR115	115 mm
LSSR120	120 mm
LSSR125	125 mm

## CYLINDRICAL INSULATORS



### ORDER NO. Ø HEIGHT THREAD

TT153528	15	15	M4
TT153524	25	15	M6
TT153525	25	20	M6
TT153526	25	25	M6
TT153527	30	15	M8
TT153530	30	30	M8
TT153535	40	30	M8
TT153540	40	40	M8
TT153591	50	25	M10
TT153545	50	30	M10
TT153550	50	40	M10
TT153555	50	45	M10
TT153551	60	40	M12
TT153562	70	40	M12
TT153564	75	40	M12
TT153565	75	50	M12
TT153575	100	60	M16

## CYLINDRICAL INSULATORS



### ORDER NO. Ø HEIGHT THREAD

TT153594	20	15	M6
TT153595	25	20	M6
TT153600	30	30	M8
TT153605	40	30	M8
TT153610	50	40	M10
TT153615	75	50	M12

## CYLINDRICAL INSULATORS

- female thread on both ends



### ORDER NO. Ø HEIGHT THREAD

TT153630	40	30	M8
TT153635	50	30	M10
TT153640	50	40	M10
TT153642	70	40	M12
TT153650	100	60	M16

## CYLINDRICAL INSULATORS NARROWED



### ORDER NO. Ø HEIGHT THREAD

TT153519	20	15	M6
TT153520	20	20	M6
TT153580	25	24	M6
TT153584	40	30	M8

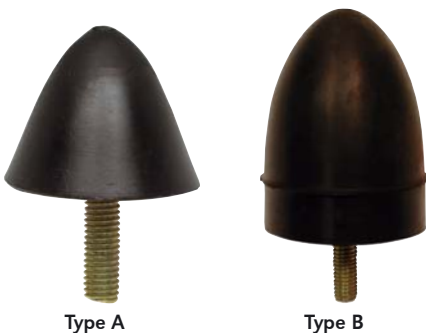
## CYLINDRICAL BUFFERS



### ORDER NO. Ø HEIGHT THREAD

TT153685	30	30	M8
TT153688	40	30	M8
TT153691	50	45	M10
TT153694	60	60	M12

## CONICAL BUFFERS



Type A

Type B

Material used in cylindrical insulators and buffers is natural rubber NR 55 ± 5 Shore

### ORDER NUMBER TYPE DIAMETER HEIGHT THREAD

TT153653	A	25	25	M6
TT153654	A	40	30	M8
TT153655	B	50	67	M8
TT153658	A	50	40	M10
TT153665	A	76	76	M12
TT153660	A	100	76	M16