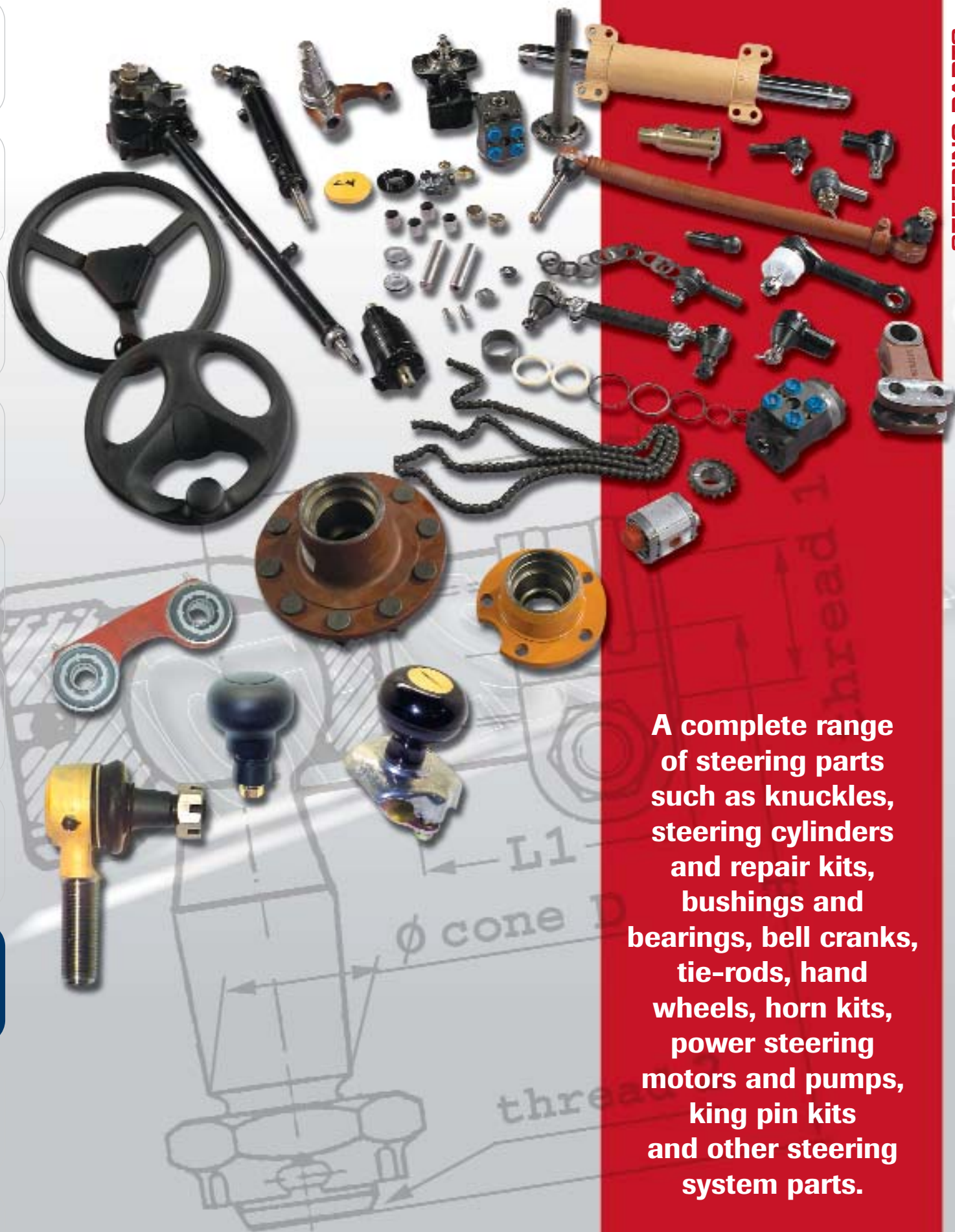




A complete range of steering parts such as knuckles, steering cylinders and repair kits, bushings and bearings, bell cranks, tie-rods, hand wheels, horn kits, power steering motors and pumps, king pin kits and other steering system parts.



SAGINAW
DANFOSS
ROSS
TRW
GEMMER
NSK
ZF
REXROTH
EATON
CHAR-LYNN

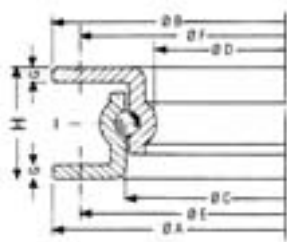


ORBITROLS
STEERING COLUMNS
PITMAN SHAFTS
STEERING CYLINDERS
DIRECTIONAL VALVES
STEERING WHEELS
SEAL & REPAIR KITS

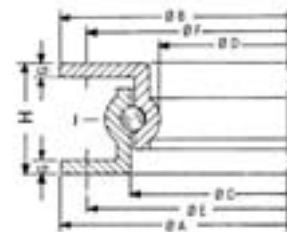
SLEWING RINGS < 25 KM/H

For agricultural trailers and internal transportation up to 25 km/h

Type 1



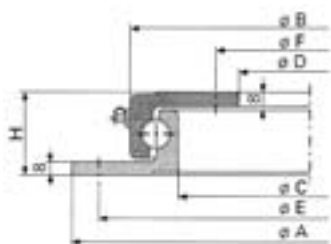
Type 2



Type 1	A	B	C	D	E	F	G	H			REF
295	295	220	200	270	270	6	55	500	5,0		115TA7019
400	400	310	292	375	375	6	55	750	7,0		115TA7020
500	500	410	392	475	475	6	55	1000	11,0		115TA7021
600	600	510	485	575	575	7	55	1500	14,0		115TA7022

Type 2	A	B	C	D	E	F	G	H			REF
600	600	510	485	575	575	7	65	1700	18,0		115TA7023
650	650	560	535	625	625	7	65	1700	20,0		115TA7024
700	700	610	585	675	675	7	65	2200	22,0		115TA7025
750	750	660	635	725	725	7	65	2200	24,0		115TA7026
800	800	710	685	775	775	7	65	2500	26,0		115TA7027
850	850	760	735	825	825	8	65	3000	28,0		115TA7028
900	900	810	785	875	875	8	65	3500	30,0		115TA7029
950	950	860	835	925	925	8	65	3500	32,0		115TA7030
1000	1000	910	885	975	975	8	65	4000	34,0		115TA7031
1050	1050	960	935	1025	1025	8	65	4500	36,0		115TA7032

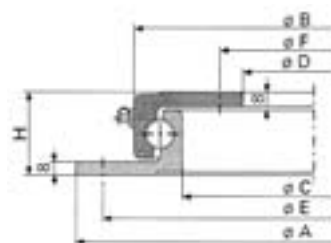
The slewing rings are not equipped with bolt holes.



Permitted axial load kN	A	B	C	D	E	F	H	Weight approx. kg	REF
7,5	400	342	292	230	375	260	45	11	115TA7033
9	500	442	392	330	475	360	45	15	115TA7034
15	650	592	542	480	625	510	45	20	115TA7035
18	750	692	642	580	725	610	45	23	115TA7036
25	850	792	742	680	825	710	45	27	115TA7037
30	950	892	842	780	925	810	45	30	115TA7038
35	1050	992	942	880	1025	910	45	34	115TA7039

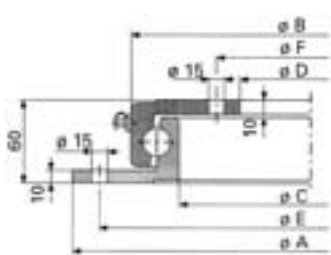
BALL BEARING TURNABLES > 25 KM/H

BALL BEARING TURNABLES UNDRILLED

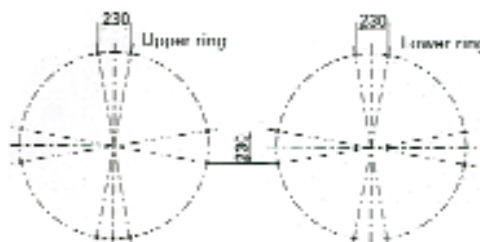


Permitted axial load kN	A	B	C	D	E	F	H	Weight approx. kg	REF
18	500	437	384	315	475	340	52	17	115TA7040
25	650	587	534	465	625	490	52	23	115TA7041
30	750	687	634	565	725	590	52	28	115TA7042
35	850	787	734	665	825	690	52	32	115TA7043
40	950	887	834	765	925	790	52	36	115TA7044
45	1050	987	934	865	1025	890	52	40	115TA7045

BALL BEARING TURNABLES DRILLED

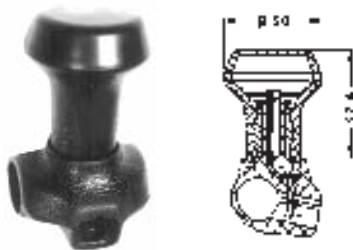


Permitted axial load kN	A	B	C	D	E	F	Weight approx. kg	REF
60	952	885	821	750	920	780	52	115TA7046
70	1102	1027	963	890	1070	920	61	115TA7047



This is only a selection of our range of steering knobs.

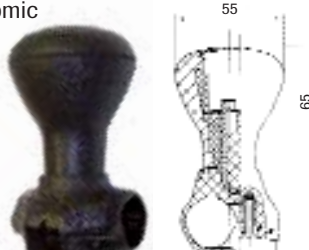
USED FOR LINDE, FENWICK,
YALE, CLARK, NISSAN, STILL,
BT, JUNGHEINRICH



REF 105TA4660

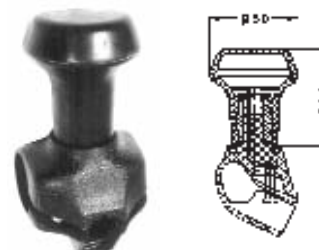
USED FOR
LINDE, FENWICK

(Same as 105TA4660)
Ergonomic



REF 122TA7035

USED FOR CLARK, STILL,
LINDE, FENWICK, YALE,
JUNGHEINRICH



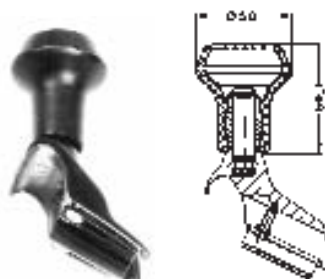
REF 107TA3356

USED FOR HYSTER, YALE,
JUNGHEINRICH



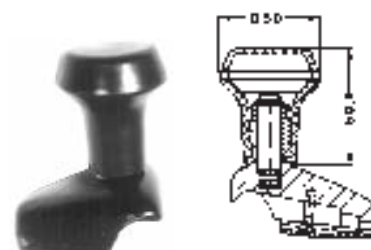
REF 107TA3355

USED FOR JUNGHEINRICH,
LANSING, STILL



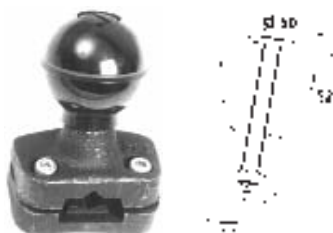
REF 107TA3354

USED FOR
STILL, LINDE, FENWICK



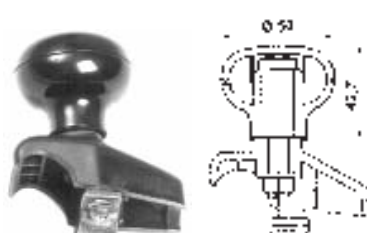
REF 105TA4661

USED FOR
LANSING



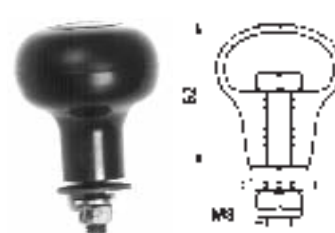
REF 107TA3353

USED FOR
KOMATSU



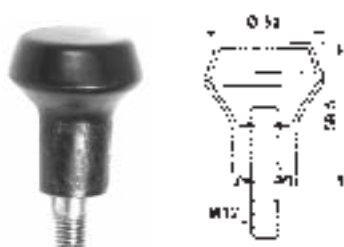
REF 105TA4663

USED FOR
MITSUBISHI



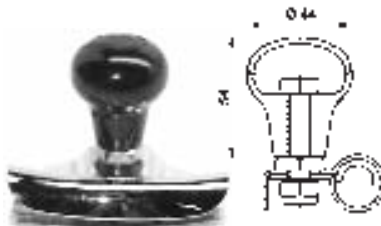
REF 107TA3352

USED FOR
JUNGHEINRICH



REF 105TA4662

UNIVERSAL USE



REF 107TA3351

UNIVERSAL USE



REF 105TA4664

**SPECIAL
OFFER**

This is only a selection of our range of steering knobs.

STEERING KNOBS

USED FOR
CLARK



REF 107TA3368

USED FOR
CATERPILLAR, MITSUBISHI



REF 107TA3367
Bolt (M8 x 1,25)

USED FOR KOMATSU,
STILL, STEINBOCK



REF 107TA3366
Bolt (M8 x 1,25)

USED FOR
JUNGHEINRICH, STILL



REF 107TA3365

USED FOR
TCM



REF 107TA3374
Bolt (M8 x 1,25)

USED FOR
LANSING, LINDE



REF 107TA3363
Bolt (M8 x 1,25)

USED FOR
TOYOTA



REF 107TA3362

USED FOR
BT



REF 107TA3361

USED FOR
BT



REF 107TA3360

USED FOR
JUNGHEINRICH, MIC



REF 116TA5810 Bolt (M8 x 1,25)
REF 107TA3359 Bolt (M10 x 1,5)

USED FOR
ATLET



REF 107TA3358

USED FOR
FIAT



REF 107TA3357

Some parts may look the same.
Please provide us with truck
details for any offer.

This is only a selection of our range of steering knobs.

USED FOR
TOYOTA



REF 107TA3380

USED FOR
LINDE, LANSING, STILL



REF 107TA3379

USED FOR
HAMECH



REF 107TA3378

USED FOR
FIAT



REF 107TA3377

USED FOR
CROWN, HYSTER



REF 107TA3376
Bolt (3/8"-UNC-16G)

USED FOR
KOMATSU



REF 107TA3375

USED FOR
TCM



REF 107TA3371

USED FOR
FIAT



REF 107TA3373
Bolt (M10 x 1,5)

USED FOR
NYK - NICHYU



REF 107TA3369
Bolt (M10 x 1,5)

USED FOR
HYSTER, YALE



REF 107TA3370

USED FOR
HYSTER, YALE



REF 107TA3391

USED FOR
FIAT



REF 107TA3390
Screw (M6 x 1)

Some parts may look the same.
Please provide us with truck
details for any offer.

This is only a selection of our range of steering knobs.

STEERING KNOBS

USED FOR
FIAT, CESAB



REF 107TA3386

USED FOR
CATERPILLAR



REF 107TA3388
Screw (1/4"-UNC-20G)

USED FOR MIC, FIAT, KOMATSU,
MANITOU, STEINBOCK



REF 107TA3387

USED FOR
STILL, JUNGHEINRICH



REF 107TA3382

USED FOR
LUGLI



REF 107TA3381

USED FOR
HYSTER, YALE, CLARK



REF 107TA3395
Bolt (M10 x 1)

USED FOR
DAEWOO



REF 107TA3385

USED FOR
YALE, JUNGHEINRICH



REF 107TA3384
Bolt (M10 x 1,5)

USED FOR
NISSAN



REF 107TA3383
Bolt (M10 x 1,5)

USED FOR YALE, STILL, MIC,
WAGNER, STEINBOCK, JUNGH.



REF 107TA3394

USED FOR YALE, TCM, KALMAR,
TOYOTA, KOMATSU, NYK,
SVE-TRUCK, JUNGHEINRICH



REF 107TA3393
Bolt (M8 x 1,25)

USED FOR
KOMATSU



REF 107TA3350
Bolt (M8 x 1,25)

Some parts may look the same.
Please provide us with truck
details for any offer.



REF 106TA6840



REF 106TA6841



REF 106TA6842



REF 106TA6843



REF 105TA4847



REF 106TA6844



REF 106TA6845
dia.: 350 mm



REF 106TA6846
dia.: 300 mm



REF 106TA6847



REF 106TA6848

We stock a complete range of steering wheels. For more information, call our sales department.



TECHNICAL DETAIL: TIE-ROD ENDS STEERING AXLE



EXAMPLE



Company:

Customer code:

Name:

Fax number:

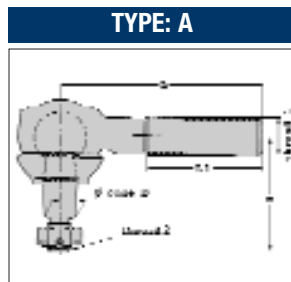
Truck make:

Truck type: Serial nr:

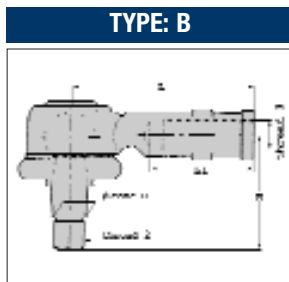
- 1 TY: type (as per picture next page)
- 2 TA 1: thread type 1
- 3 Pm 1: pitch thread 1 (metric)
- 4 Pi 1: pitch thread 1 (inch)
- 5 RH/LH 1: thread 1: RH = right hand thread, LH = left hand thread
- 6 L1: thread length 1 (mm)
- 7 D: diameter of cone (mm)
- 8 TA 2: thread type 2
- 9 Pm 2: pitch thread 2 (metric)
- 10 Pi 2: pitch thread 2 (inch)
- 11 RH/LH 2: thread 2: RH = right hand thread, LH = left hand thread
- 12 TA 3: thread type 3
- 13 L: distance L (mm)
- 14 H: distance H (mm)
- 15 D1: diameter D1 (mm)
- 16 D2: diameter D2 (mm)
- 17 T: distance between fork-ends T (mm)
- 18 SLW: width of spanner S (mm)
- 19 SMP: grease nipple yes / no

FAX FORM: TIE-ROD ENDS STEERING AXLE

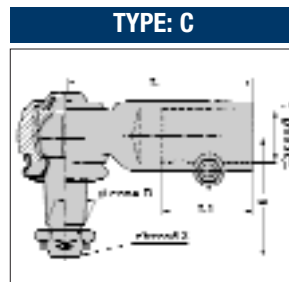
TECHNICAL DETAIL: TIE-ROD ENDS STEERING AXLE



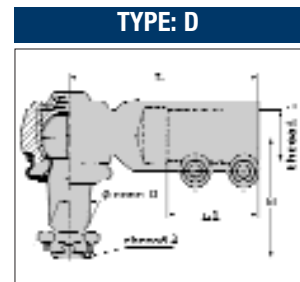
A: ball joint outer thread



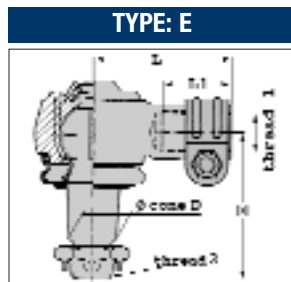
B: ball joint inner thread



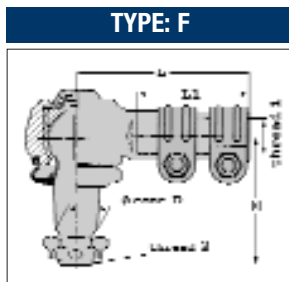
C: ball joint inner thread 1 bolt



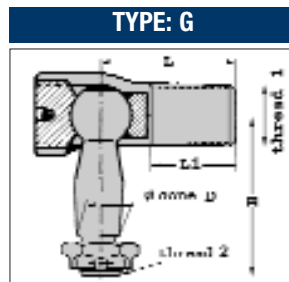
D: ball joint inner thread (2 bolts)



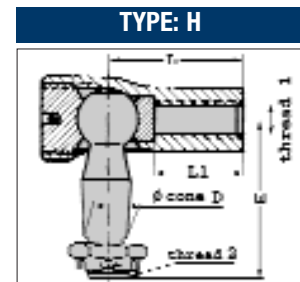
E: ball joint inner thread (1 clamp)



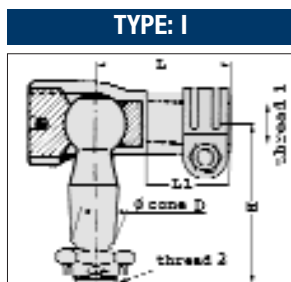
F: ball joint inner thread (2 clamps)



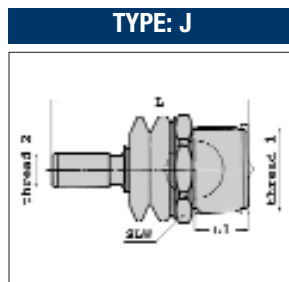
G: outer thread socket



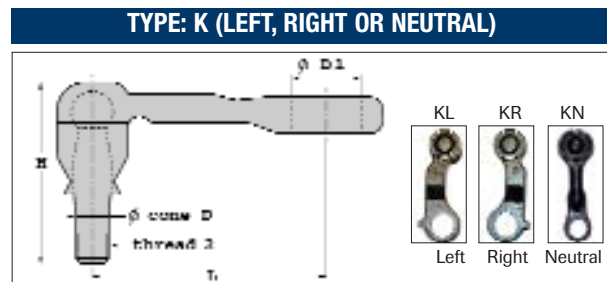
H: inner thread socket without clamp



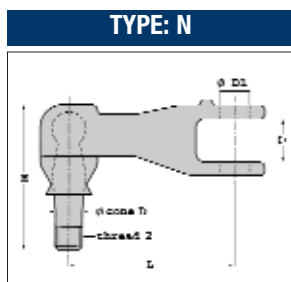
I: inner thread socket with clamp



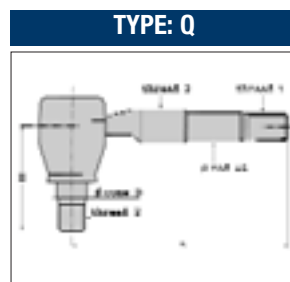
J: axial tie-rod end



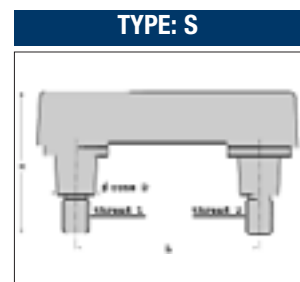
K: tie-rod with tube, circular end



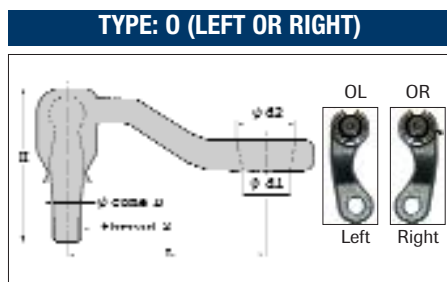
N: tie-rod end with fork-end



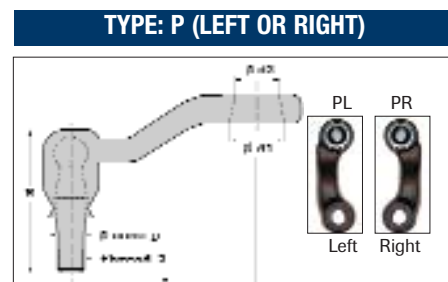
Q: tie-rod end



S: tie-rod end



O: tie-rod end with positive tapered hole



P: tie-rod end with negative tapered hole



This is only a selection of our range of tie-rod ends. For all other tie-rod ends call our sales department!

USED FOR TOYOTA



REF	106TA7819
TY	A
TA1	M20
Pm1	1,5
RH/LH1	RH
L1	57,5
D	18,4
TA2	M16
Pm2	1,5
RH/LH2	RH
L	100
H	66

USED FOR KOMATSU



REF	104TA3810
TY	A
TA1	M16
Pm1	1,5
RH/LH1	RH
L1	55
D	18,2
TA2	M14
Pm2	1,5
RH/LH2	RH
L	75
H	55

USED FOR KOMATSU



REF	104TA3905
TY	A
TA1	M20
Pm1	1,5
RH/LH1	LH
L1	55
D	20,4
TA2	M18
Pm2	1,5
RH/LH2	RH
L	90
H	60

USED FOR TOYOTA



REF	104TA3956
TY	A
TA1	M22
Pm1	1,5
RH/LH1	LH
L1	45
D	18,6
TA2	M16
Pm2	1,5
RH/LH2	RH
L	85
H	55

USED FOR MITSUBISHI



REF	104TA3902
TY	A
TA1	M20
Pm1	1,5
RH/LH1	LH
L1	55
D	18,8
TA2	M16
Pm2	1,5
RH/LH2	RH
L	90
H	55

USED FOR MITSUBISHI



REF	104TA4026
TY	A
TA1	M20
Pm1	1,5
RH/LH1	RH
L1	55
D	18,5
TA2	M16
Pm2	1,5
RH/LH2	RH
L	90
H	55

USED FOR TOYOTA



REF	104TA3912
TY	A
TA1	M20
Pm1	1,5
RH/LH1	LH
L1	55
D	18,5
TA2	M16
Pm2	1,5
RH/LH2	RH
L	95
H	65

USED FOR HYSTER



REF	106TA7847
TY	KN
TA1	-
Pm1	0
RH/LH1	-
L1	0
D	20,1
TA2	3/4 UNF
Pm2	0
RH/LH2	RH
L	137
H	95

USED FOR TOYOTA



REF	104TA4014
TY	A
TA1	M22
Pm1	1,5
RH/LH1	RH
L1	55
D	18,4
TA2	M16
Pm2	1,5
RH/LH2	RH
L	80
H	55

USED FOR HYSTER



REF	106TA7847
TY	KN
TA1	-
Pm1	0
RH/LH1	-
L1	0
D	20,1
TA2	3/4 UNF
Pm2	0
RH/LH2	RH
L	137
H	95

TIE-ROD ENDS STEERING AXLE

NOTES

NOTES

718





STEERING KNUCKLES

*We stock a complete programme
of LH & RH steering knuckles. Please indicate
type and serial number of lifttruck!*

TECHNICAL DETAIL: STEERING KNUCKLE

EXAMPLE



Company:

Customer code:

Name:

Fax number:

Truck make:

Truck type: Serial nr:

- 1 D1 diameter, see picture, can also be inner
- 2 D2 diameter, see picture
- 3 D3 diameter, see picture
- 4 TA type of thread (if any)
- 5 PM pitch (metric)
- 6 PI pitch (inch)
- 7 D4 diameter, see picture. If different diameters, take the largest one.
- 8 L1 total length, see picture
- 9 L2 length, see picture
- 10 D5 smallest diameter, see picture
- 11 D6 largest diameter, see picture
- 12 L3 dimension, see picture
- 13 RH/LH right-hand or left-hand steering knuckle

DIMENSIONS:



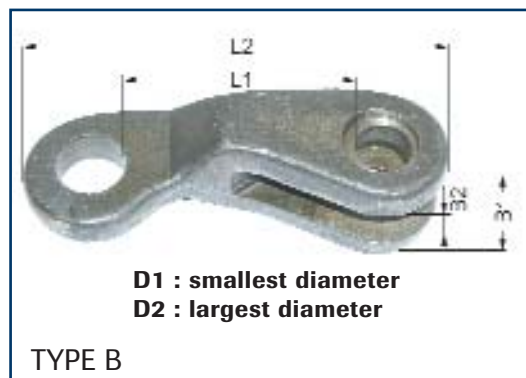
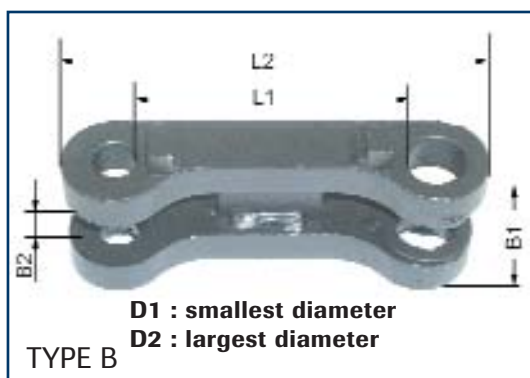
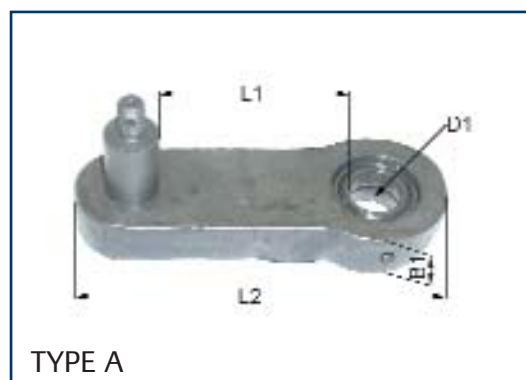
EXAMPLE

A photograph of a red metal component, likely a part of a machine. It has a central body with two circular flanges on either side. Each flange contains a gear-like structure with multiple teeth. The component is mounted on a white background.

Truck type: Serial nr.:

- | | | | |
|----------|--------------|--|--|
| 1 | TY-ST | type, see picture | |
| 2 | L1 | minimum centre distance between holes | |
| 3 | B1 | maximum width measured at the hole | |
| 4 | B2 | maximum distance between the forks (type B) | |
| 5 | L2 | total length | |
| 6 | AT-SL | number of spherical bearings or bushings | |
| 7 | D1 | diameter of the smallest hole | |
| 8 | D2 | diameter of the largest hole | |
| 9 | SMP | grease nipple | G = none
V = provided
A = present |
- + number (Ex. A2 : 2 grease nipples present)**

TYPE A



USED FOR CLARK

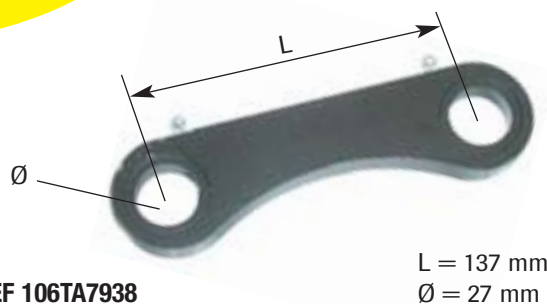


REF 106TA7937

$L = 98,65 \text{ mm}$
 $\varnothing = 17 \text{ mm}$

This is only a selection of our range of tie-rod links. For all other tie-rod links call our sales department!

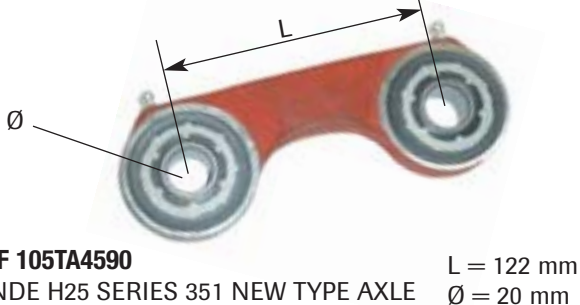
USED FOR HYSTER



REF 106TA7938

$L = 137 \text{ mm}$
 $\varnothing = 27 \text{ mm}$

USED FOR LINDE - STILL



REF 105TA4590

LINDE H25 SERIES 351 NEW TYPE AXLE
 $L = 122 \text{ mm}$
 $\varnothing = 20 \text{ mm}$

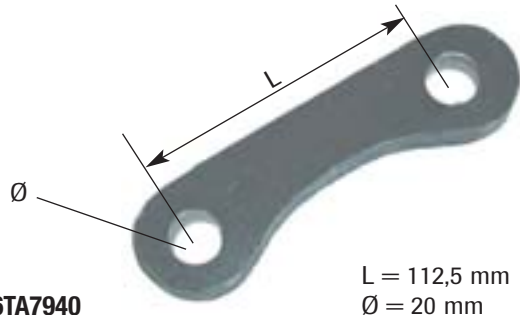
USED FOR CATERPILLAR



REF 106TA7939

$L = 120 \text{ mm}$
 $\varnothing = 30 \text{ mm}$

USED FOR KOMATSU - STEINBOCK



REF 106TA7940

$L = 112,5 \text{ mm}$
 $\varnothing = 20 \text{ mm}$

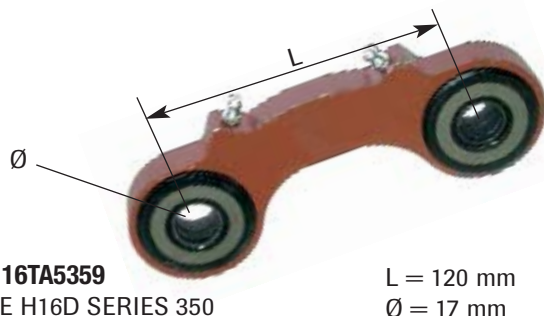
USED FOR STEINBOCK



REF 106TA7941
KIT = 2x

$L = 202,5 \text{ mm}$
 $\varnothing = 30 \text{ mm}$

USED FOR LINDE



REF 116TA5359

LINDE H16D SERIES 350
 $L = 120 \text{ mm}$
 $\varnothing = 17 \text{ mm}$

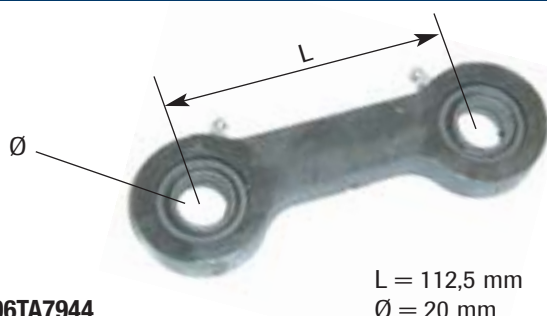
USED FOR NISSAN



REF 106TA7943

$L = 81 \text{ mm}$
 $\varnothing = 17 \text{ mm}$

USED FOR CLARK



REF 106TA7944

$L = 112,5 \text{ mm}$
 $\varnothing = 20 \text{ mm}$

USED FOR CLARK



REF 106TA7928

$L = 118,5 \text{ mm}$
 $\varnothing = 20 \text{ mm}$

USED FOR YALE



REF 106TA7926

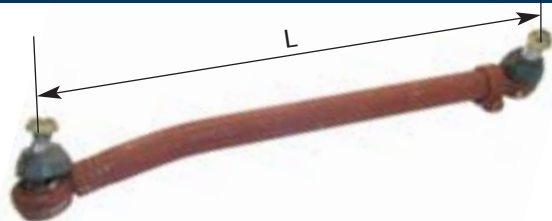
USED FOR TOYOTA



REF 106TA7927

L: 338 mm
2 x M22

USED FOR LINDE



REF 106TA7929

LINDE H50-60-70 SERIES 320 (RH)

L: 650 mm

USED FOR LINDE

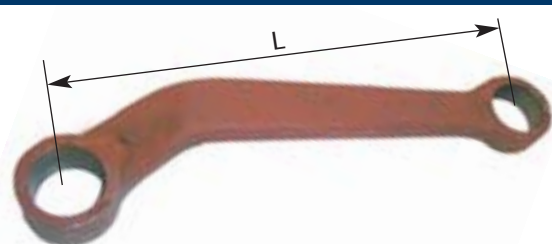


REF 106TA7930

LINDE H50-60-70 SERIES 320 (LH)

L: 550 mm

USED FOR LINDE



REF 106TA7931

LINDE H25D SERIES 351 OLD TYPE AXLE

L: 329 mm

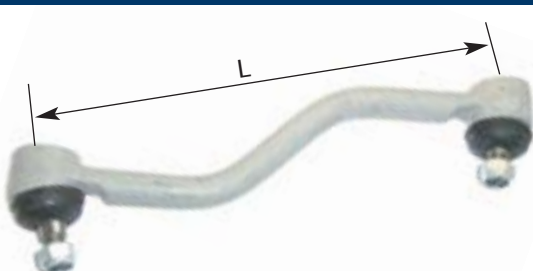
USED FOR CLARK



REF 106TA7932

L: 410 mm

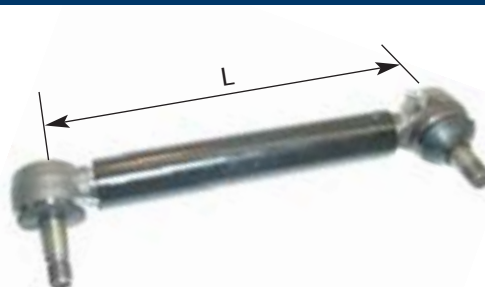
USED FOR STILL - SAXBY



REF 106TA7933

L: 290 mm

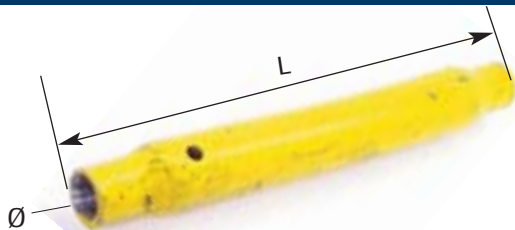
USED FOR LINDE - FENWICK



REF 106TA7934

L: 299 mm

USED FOR MITSUBISHI



REF 106TA7936

L: 270 mm
2 x M20 x 1,5

This is only a selection of our range of steering tie-rods. For all other steering tie-rods call our sales department !

USED FOR LINDE



Type: ZF
LINDE H25 SERIES 351 NEW AXLE, DEUTZ ENGINE

USED FOR HYSTER



Type: DANFOSS

USED FOR LINDE



Type: ZF
LINDE H40D 352

USED FOR TCM



Type: CHAR-LYNN-EATON

USED FOR LINDE



Type: ZF
LINDE H16D SERIES 350

USED FOR LINDE - FENWICK



Type: TRW ROSS GEAR-GEMMER

USED FOR LINDE



Type: ZF
LINDE H25D SERIES 351 OLD AXLE, DEUTZ ENGINE

USED FOR LINDE



Type: ZF
LINDE H25D SERIES 331

USED FOR HYSTER



Type: DANFOSS

USED FOR LINDE



Type: DANFOSS
LINDE H25D SERIES 351-02 PERKINS ENGINE

SEPARATE SPARE
PARTS AVAILABLE

ASK MORE
INFO

We stock a wide range of steering pumps. (New & rebuilt and separate spare parts also available from stock)