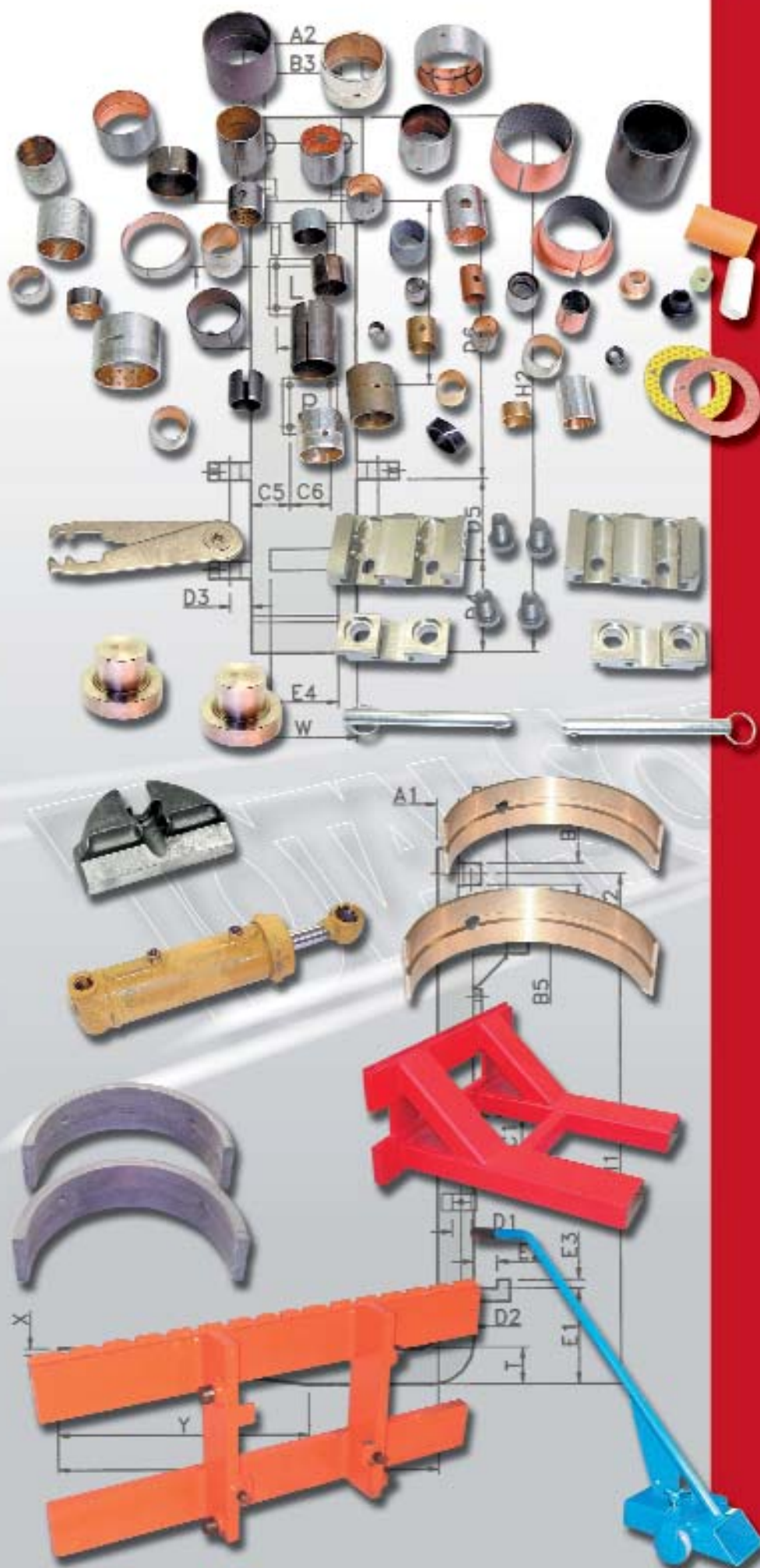




- **TERMINAL WEST TYPE FORKS**
- **BLANK FORKS**
- **PIN TYPES**
- **NON STANDARD & DIN HOOK TYPES**
- **FEM TYPES**
- **MAST BUSHINGS**
- **CYLINDER BUSHINGS**
- **CARRIAGES**
- **PROTECTIVE FORK COVERS**
- **BOOMS**
- **FORK EXTENSIONS**
- **SHAFT ROLLERS**
- **ACCESSORIES**

FORKS





ALL TYPES: FEM HOOK, DIN HOOK, PIN, BLANK FORKS.

ALL CARRIAGES: 2A, 2B, 3A, 3B, 4A, 4B.

KNIFE FORKS, CARPET BOOMS, FORK EXTENSIONS, BLANK FORKS.

ALL CAPACITIES - ALL LENGTHS.

MOST COMPETITIVE PRICES, MOST COMPLETE PROGRAM.

Special forks on request

**All forks are sold with
conformity certificates**

block type toe profile



standard toe profile



standard hook



standard plunger



standard lever



standard bar/pin



cranked fork



cranked fork heel



quick release top hook

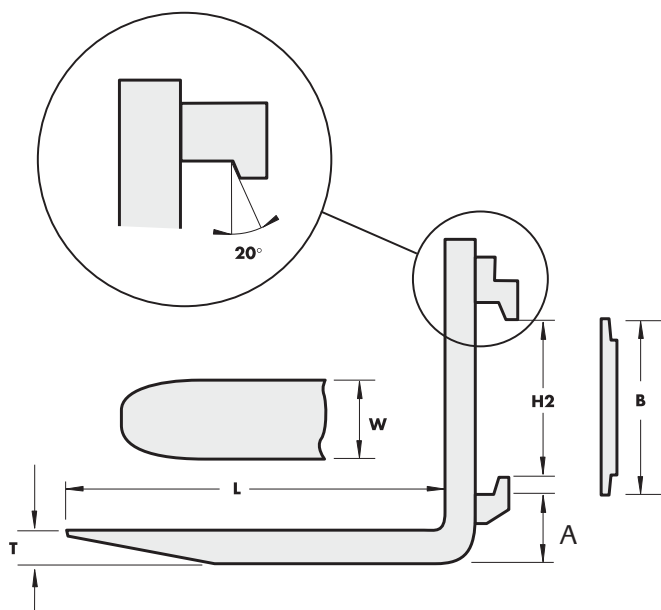


inverted bottom hook



**standard
heel**

SPECIFICATION



FEM TYPE FORKS SECTION

CLASS FEM - I.T.A.	LIFTTRUCK CAPACITY KGS	"NORM"	A	"CARRIAGE" HEIGHT "B"	"H2"	CHOOSE FORK SECTION = WxT
1	0-999	1A 1B	76 114	331	306	80 x 30
2	1000 - 1500	2A 2B	76 152	407	382	100 x 35 100 x 40
2	1800 - 2000	2A 2B	76 152	407	382	100 x 40 100 x 45 120 x 40
2	2200 - 2500	2A 2B	76 152	407	382	100 x 45 125 x 40 125 x 45
3	2800 - 3500	3A 3B	76 203	508	477	100 x 50 125 x 45
3	3500 - 4999	3A 3B	76 203	508	477	125 x 50 150 x 50
4	5000 - 8000	4A 4B	127 254	635	598	150 x 60



RANGE LIST

Section mm	Length mm	Class FEM	REF			Section mm	Length mm	Class FEM	REF	
80 x 40	1000	2A	107TA4623			125 x 45	1000	2B	107TA4678	
	1100	2A	107TA4624				1100	2B	107TA4679	
	1200	2A	107TA4625				1200	2B	107TA4680	
100 x 32	1000	2A	107TA4626				1600	2B	107TA4681	
	1100	2A	107TA4627				1800	2B	107TA4682	
	1200	2A	107TA4628			100 x 50	1100	3A	107TA4683	
100 x 40							1200	3A	107TA4684	
	900	2A	107TA4629			125 x 45	1000	3A	107TA4685	
	1000	2A	107TA4630				1100	3A	107TA4686	
	1070	2A	107TA4631				1200	3A	107TA4687	
	1100	2A	107TA4632				1300	3A	107TA4688	
	1150	2A	107TA4633				1400	3A	107TA4689	
	1200	2A	107TA4634				1500	3A	107TA4690	
	1250	2A	107TA4635				1600	3A	107TA4691	
	1300	2A	107TA4636				1800	3A	107TA4692	
	1400	2A	107TA4637				2000	3A	107TA4693	
	1500	2A	107TA4638				2200	3A	107TA4694	
	1600	2A	107TA4639				2400	3A	107TA4695	
	1800	2A	107TA4640			125 x 50	900	3A	107TA4696	
100 x 45	2000	2A	107TA4641				1050	3A	107TA4697	
							1200	3A	107TA4698	
	1000	2A	107TA4642			150 x 50	1000	3A	107TA4699	
	1100	2A	107TA4643				1100	3A	107TA4700	
	1200	2A	107TA4644				1200	3A	107TA4701	
	1300	2A	112TA4891				1300	3A	107TA4702	
	1500	2A	112TA4892				1400	3A	107TA4703	
	1600	2A	112TA4893				1500	3A	107TA4704	
	1800	2A	112TA4894				1600	3A	107TA4705	
	2000	2A	112TA4895				1800	3A	107TA4706	
120 x 40	1070	2A	107TA4645				2000	3A	107TA4707	
	1100	2A	107TA4646				2200	3A	107TA4708	
	1200	2A	107TA4647				2400	3A	107TA4709	
125 x 40	1000	2A	107TA4648			125 x 45	1000	3B	107TA4710	
	1100	2A	107TA4649				1100	3B	107TA4711	
	1200	2A	107TA4650				1200	3B	107TA4712	
	1400	2A	107TA4651				1300	3B	107TA4713	
	1600	2A	107TA4652				1400	3B	107TA4714	
125 x 45	900	2A	107TA4653				1500	3B	107TA4715	
	1000	2A	107TA4654				1600	3B	107TA4716	
	1100	2A	107TA4655				1800	3B	107TA4717	
	1200	2A	107TA4656				2100	3B	107TA4718	
	1300	2A	107TA4657			150 x 50	1000	3B	107TA4719	
	1400	2A	107TA4658				1100	3B	107TA4720	
	1500	2A	107TA4659				1200	3B	107TA4721	
	1600	2A	107TA4660				1300	3B	107TA4722	
	1800	2A	107TA4661				1500	3B	107TA4723	
	2000	2A	107TA4662				1600	3B	107TA4724	
	2200	2A	107TA4663				2000	3B	107TA4725	
	2400	2A	107TA4664				2400	3B	107TA4726	
100 x 32	1200	2B	107TA4665			150 x 50	1200	4A	107TA4727	
100 x 40	1000	2B	107TA4666				1400	4A	107TA4728	
	1100	2B	107TA4667				1500	4A	107TA4729	
	1200	2B	107TA4668			150 x 60	1000	4A	107TA4730	
	1300	2B	107TA4669				1200	4A	107TA4731	
	1400	2B	107TA4670				1300	4A	107TA4732	
	1500	2B	107TA4671				1400	4A	107TA4733	
	1600	2B	107TA4672				1500	4A	107TA4734	
	1800	2B	107TA4673				1600	4A	107TA4735	
120 x 40	1200	2B	107TA4674				1800	4A	107TA4736	
125 x 40	1000	2B	107TA4675				2000	4A	107TA4737	
	1100	2B	107TA4676				2200	4A	107TA4738	
	1200	2B	107TA4677				2400	4A	107TA4739	
						150 x 70	1200	4A	107TA4740	
							2000	4A	107TA4741	

FORK DIMENSIONS RANGE LIST

FEM TYPE



FROM:

Company: _____ Contact: _____

Address: _____

Tel Nr.: _____ Fax Nr.: _____

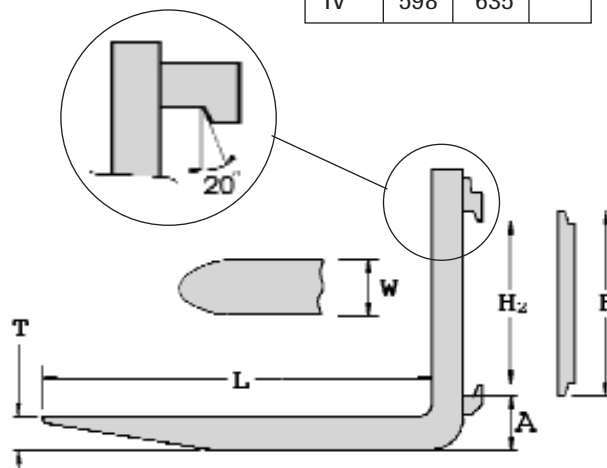
TRUCK DETAILS:

Make: _____ Type and serial number: _____

Lift Capacity: _____ Application: _____

*** Tick where necessary**

Class	H2	B	
I	306	331	*
II	382	407	*
III	477	508	*
IV	598	635	*



W : _____ A : _____

T : _____ B : _____

L : _____ H2 : _____

Signed: _____ Date: _____

NON STANDARD & DIN HOOK TYPE



FAX FORM: FORK REQUEST

FROM:

Company: _____ Contact: _____

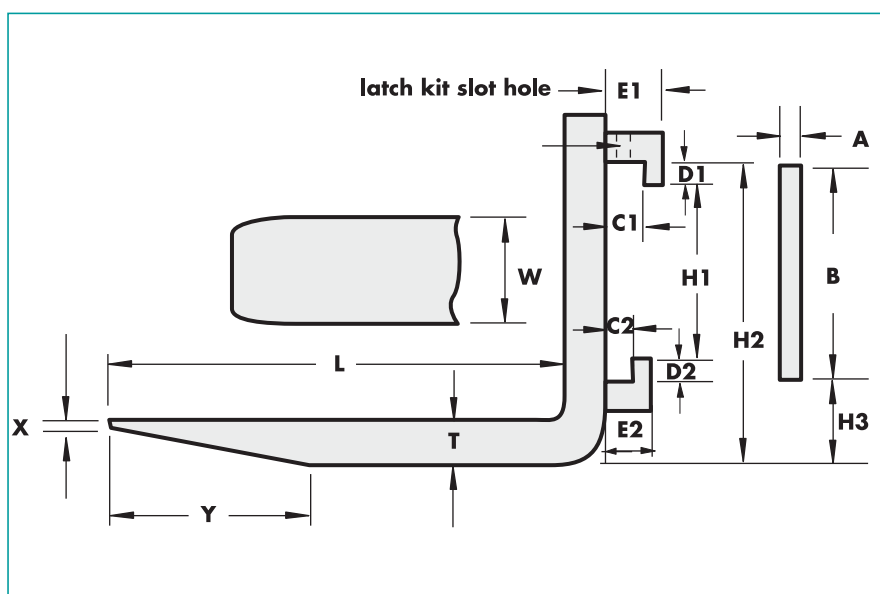
Address: _____

Tel Nr: _____ Fax Nr: _____

TRUCK DETAILS:

Make: _____ Type and serial number: _____

Lift Capacity: _____ Application: _____



W: _____ H1: _____ X: _____

T: _____ H2: _____ Y: _____

L: _____ H3: _____

A: _____ C1: _____ D1: _____ E1: _____

B: _____ C2: _____ D2: _____ E2: _____

Latch kit slot hole ☐ yes (Ø:)

☐ no

Signed: _____ Date: _____

PIN TYPE



FROM:

Company: _____ Contact: _____

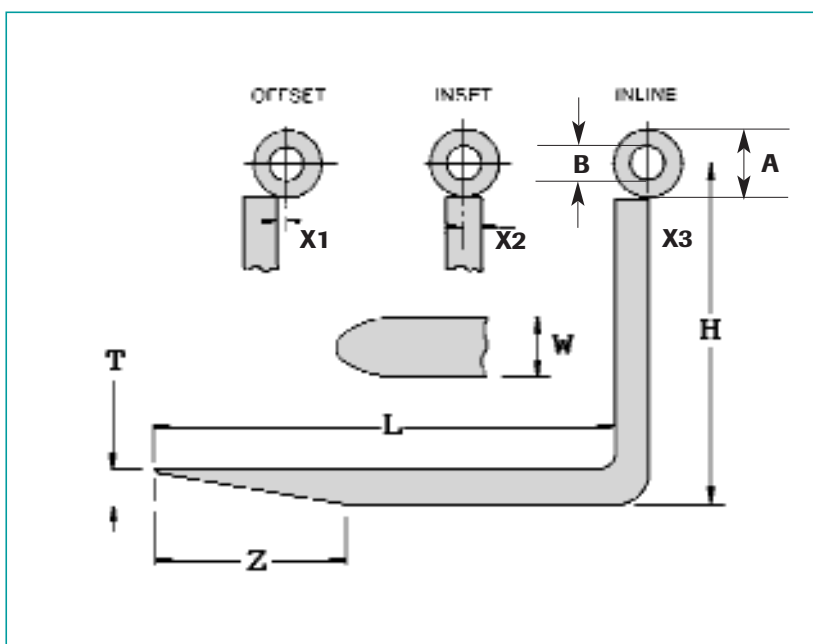
Address: _____

Tel Nr.: _____ Fax Nr.: _____

TRUCK DETAILS:

Make: _____ Type and serial number: _____

Lift Capacity: _____ Application: _____



W : _____ X1 (offset) : _____ B = tube inner diameter

T : _____ X2 (inset) : _____ A = tube outer diameter

L : _____ X3 (inline) = 0 mm

H : _____ Z: _____

Slot in tube : ☐ YES dimensions :

☐ NO

Signed: _____ Date: _____



BLANK FORK



FROM:

Company: Contact:

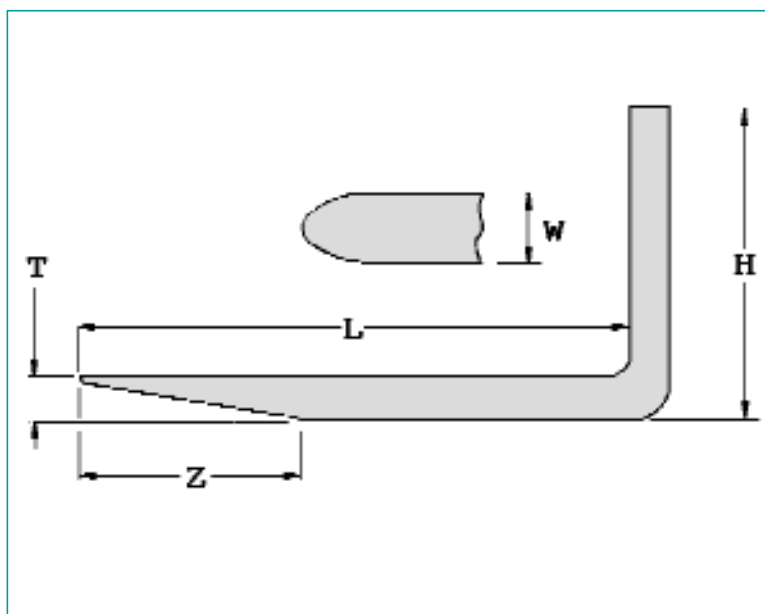
Address:

Tel Nr.: Fax Nr.:

TRUCK DETAILS:

Make: Type and serial number:

Lift Capacity: Application:



W :

T :

L :

H :

Z :

Signed: Date:

FAX FORM: FORK REQUEST

TERMINAL WEST TYPE FORKS



FROM:

Company: _____ Contact: _____

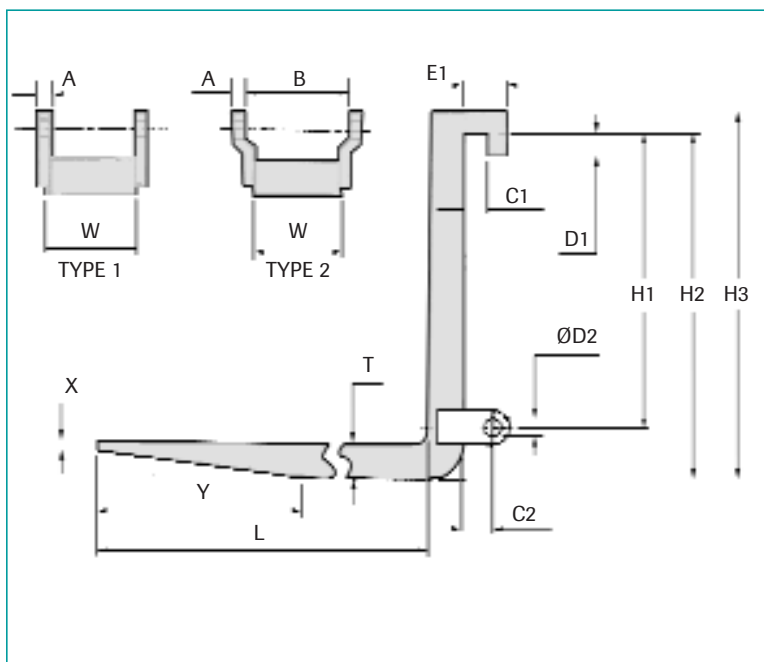
Address: _____

Tel Nr.: _____ Fax Nr.: _____

TRUCK DETAILS:

Make: _____ Type and serial number: _____

Lift Capacity: _____ Application: _____



W : _____ H1: _____ X: _____

T : _____ H2: _____ Y: _____

L : _____ H3: _____

A : _____ C1: _____ D1: _____ E1: _____

B: _____ C2: _____ ØD2: _____

Signed: _____ Date: _____

TYPE SVGV

FROM:

Company: _____ Contact: _____

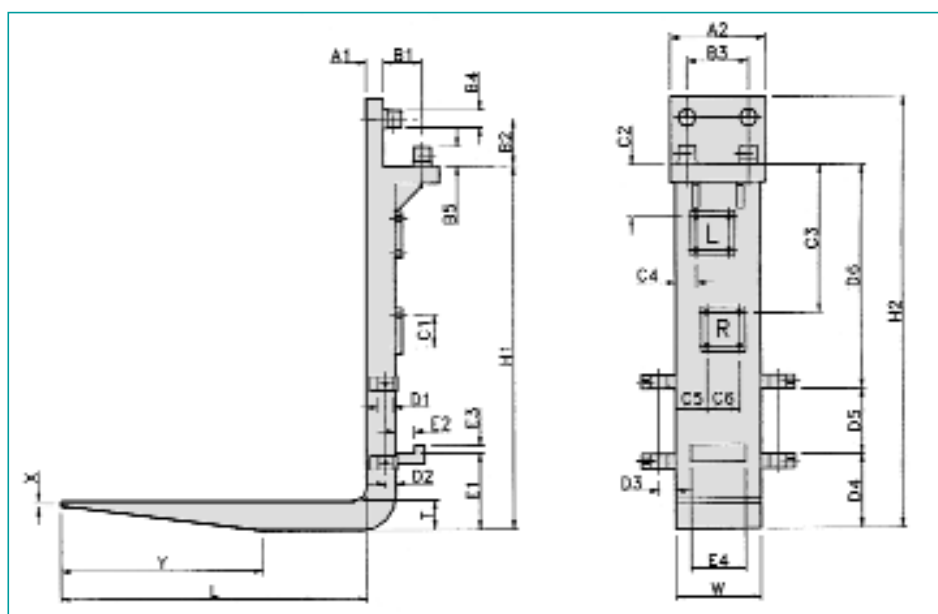
Address: _____

Tel Nr.: _____ Fax Nr.: _____

TRUCK DETAILS:

Make: _____ Type and serial number: _____

Lift Capacity: _____ Application: _____



W : _____ B3 : _____ D3 : _____

T : _____ B4 : _____ D4 : _____

L : _____ B5 : _____ D5 : _____

X : _____ C1 : _____ D6 : _____

Y : _____ C2 : _____ E1 : _____

H1 : _____ C3 : _____ E2 : _____

H2 : _____ C4 : _____ E3 : _____

A1 : _____ C5 : _____ E4 : _____

A2 : _____ C6 : _____

B1 : _____ D1 : _____

B2 : _____ D2 : _____

Company : _____ Date : _____

FAX FORM: FORK REQUEST



FORKS USED FOR:

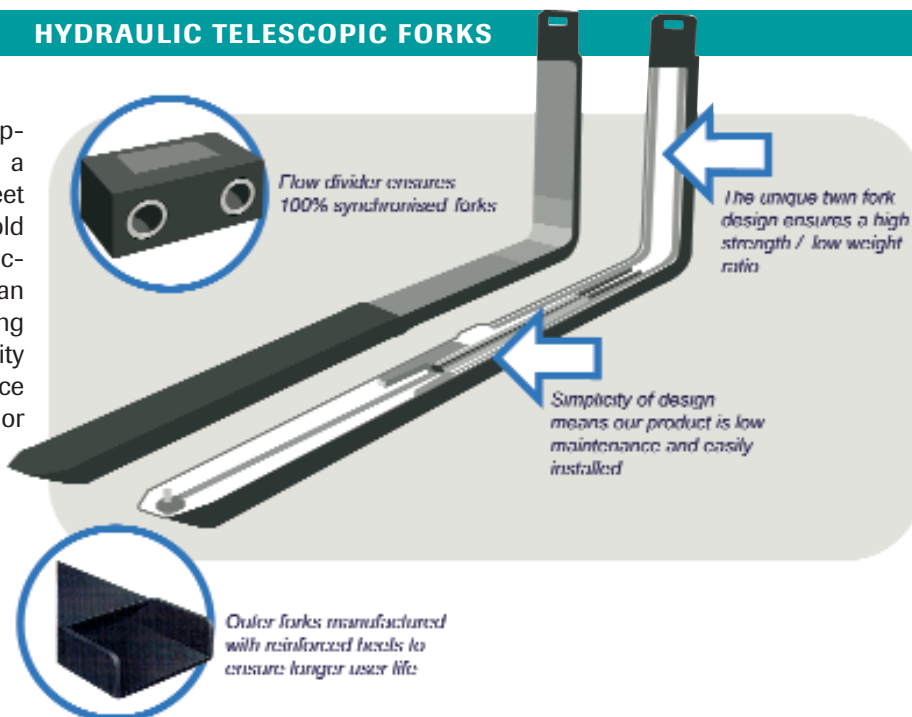
**KALMAR - LMV
SVE TRUCK
SMV
FANTUZZI
HYSTER
LINDE
BOSS
C.V.S
and others**



As the demands for your forklift equipment increase, TotalSource® offers a range of telescopic fork arms to meet each challenge. Whether it's a cold storage or a high volume double stacking environment, telescopic forks can increase the versatility of your existing warehouse equipment. The simplicity of design allows regular maintenance to be made without special tooling or prior training.

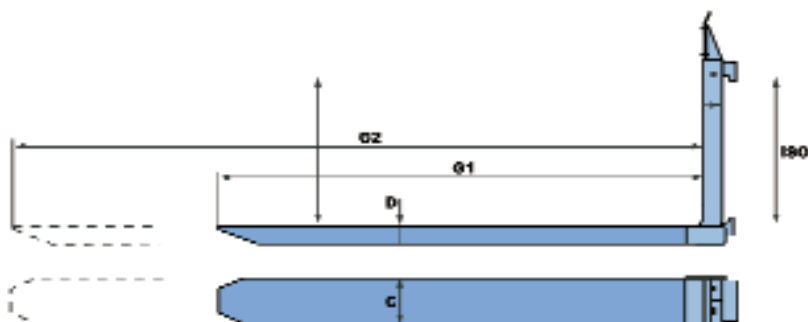


HYDRAULIC TELESCOPIC FORKS

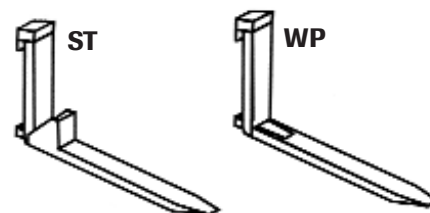


REF	capacity at 500mm	section size outer fork (C x D)	closed length (G1)	open length (G2)	COG open	COG closed	weight/ pair	ISO/FEM mounting	TYPE
	kg	mm	mm	mm	mm	mm	kg		
123TA7962	3000	165 x 65	1070	1770	460	285	181	2A	ST
123TA7963	3000	165 x 65	1070	1770	460	285	181	2A	WP
123TA7964	3000	165 x 65	1220	2020	560	360	198	2A	ST
123TA7965	3000	165 x 65	1220	2020	560	360	198	2A	WP
123TA7966	3000	165 x 65	1350	2350	675	425	214	2A	ST
123TA7967	3000	165 x 65	1350	2350	675	425	214	2A	WP
123TA7968	3000	165 x 65	1600	2600	800	550	246	2A	ST
123TA7969	3000	165 x 65	1600	2600	800	550	246	2A	WP
123TA7970	4500	165 x 65	1070	1770	400	225	192	3A	ST
123TA7971	4500	165 x 65	1070	1770	400	225	192	3A	WP
123TA7972	4500	165 x 65	1220	2020	500	300	209	3A	ST
123TA7973	4500	165 x 65	1220	2020	500	300	209	3A	WP
123TA7974	4500	165 x 65	1350	2350	615	365	225	3A	ST
123TA7975	4500	165 x 65	1350	2350	615	365	225	3A	WP
123TA7976	4500	165 x 65	1600	2600	740	490	257	3A	ST
123TA7977	4500	165 x 65	1600	2600	740	490	257	3A	WP

DIMENSIONS

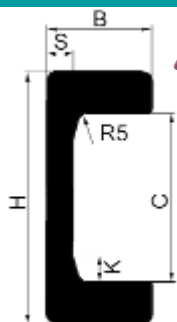


TYPES



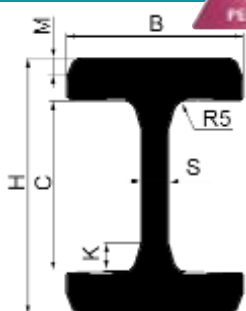
ST: for loads in dubble depth (one pallet)
WP: without pallet stop (two pallets)

MAST PROFILE INNER - OUTER



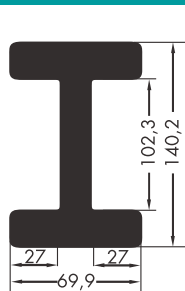
C mm	H mm	B mm	S mm	K mm	Weight kg/m	REF
62,5	86,5	36	7,5	12	10,50	107TA4758
70,8	103,2	40	7,7	15	14,80	107TA4759
78,7	121,3	41	10,8	15	20,90	107TA4760
89,4	135,4	53	12,7	15	28,60	107TA4747
108,4	157,2	61,2	14	15	35,90	107TA4761
123,8	175	66,2	16,2	15	42,90	107TA4762
150,1	201,5	71,2	19,4	20	52,30	122TA7540

MAST PROFILE

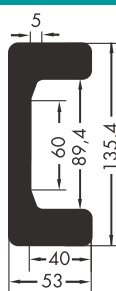


C mm	H mm	B mm	S mm	K mm	M mm	Weight kg/m	REF
70	98	65	9	15	8	19,40	107TA4752
77,9	113,9	66	11	15	8	25,30	107TA4753
86,6	129,6	72	12	15	10	31,20	107TA4754
88,6	129,6	81	12	15	10	34,10	107TA4755
102,2	140,2	70	12,7	15	10	36,00	107TA4756
108,4	152,2	83	14	20	10	40,50	107TA4757

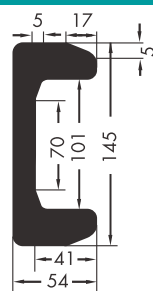
MAST PROFILE



REF 107TA4742
33 kg/m



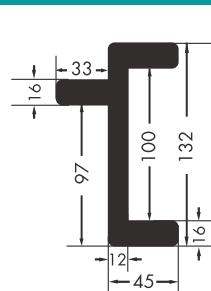
REF 107TA4747
28,6 kg/m



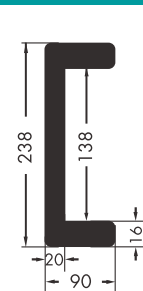
REF 107TA4746
28,5 kg/m



REF 107TA4745
22 kg/m



REF 107TA4744
24,7 kg/m



REF 107TA4743*
92 kg/m
Used for Hyster

*Welded
profile
not
extruded

MAST PROFILE

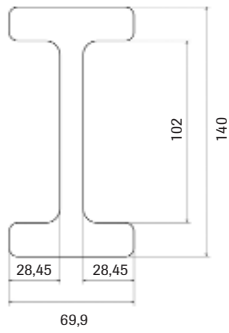


Please indicate the length and the reference of the profile.

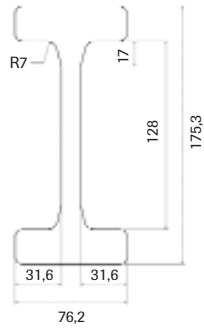


A	B	C	Length	Kg/m	REF
108	60	75,5		22	107TA4748
130	75	90		34	107TA4749
150	84	106		41	107TA4750
180	85	130		50	107TA4751

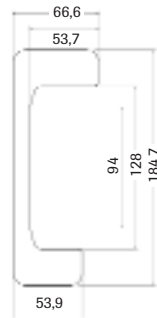
MAST PROFILE



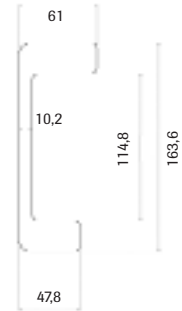
REF 122TA9157
length 2865mm



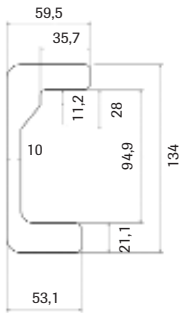
REF 122TA9091
length 3295mm



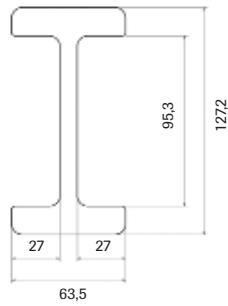
REF 122TA9092
length 2770mm



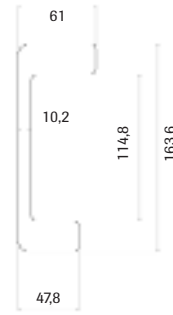
REF 122TA9093
length 2865mm



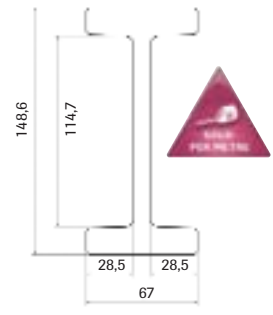
REF 122TA9094
length 2330mm



REF 122TA9095
length 2400mm



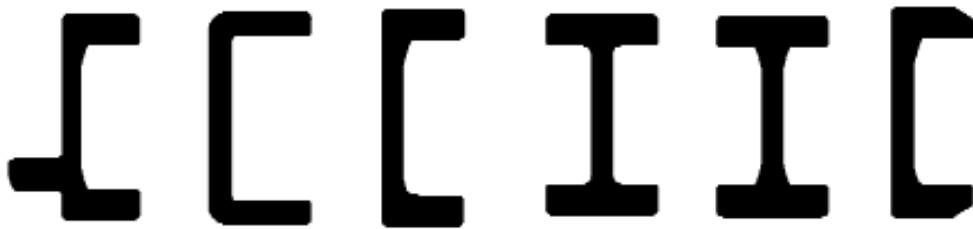
REF 122TA9096
length 3295mm



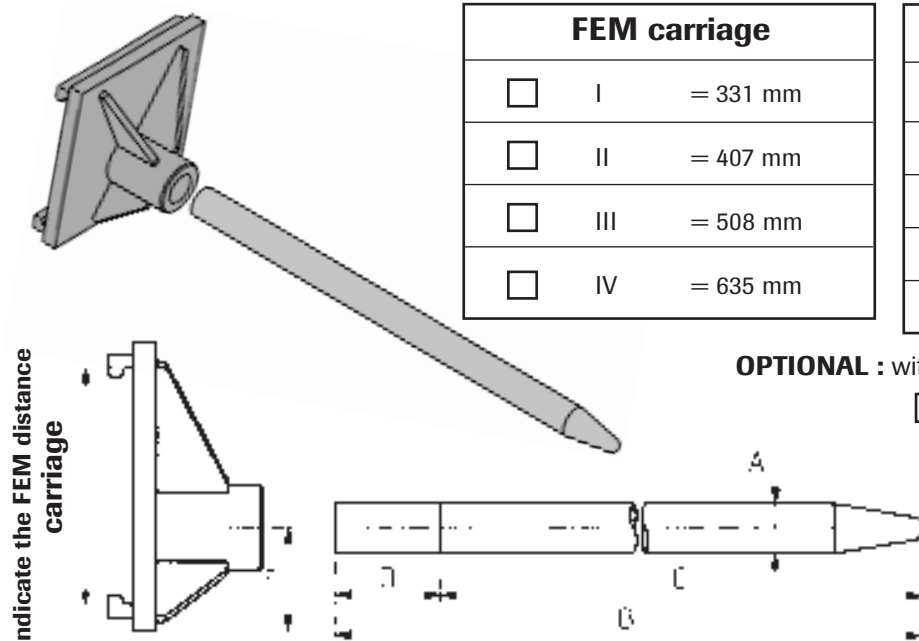
REF 122TA9097
sold per metre

MAST PROFILES

Other profiles available upon request !!!



CARPET BOOMS, PROTECTIVE FORK COVERS AND FORK EXTENSIONS



FEM carriage		
☐	I	= 331 mm
☐	II	= 407 mm
☐	III	= 508 mm
☐	IV	= 635 mm

Dimensions in mm	
A	
B	
C	
D	
E	

OPTIONAL : with quick disconnect bottom hooks

☐ YES ☐ NO

CERTIFIED

GUARANTEED QUALITY



Company:

Customer code:

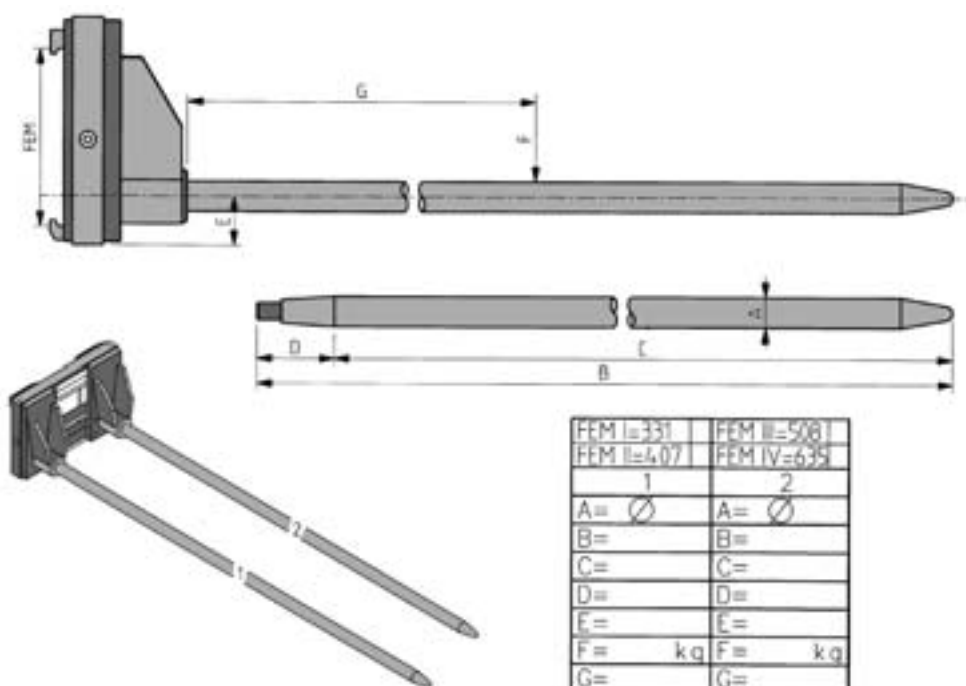
Name:

Fax number:

Truck make:

Truck type: Serial nr.:

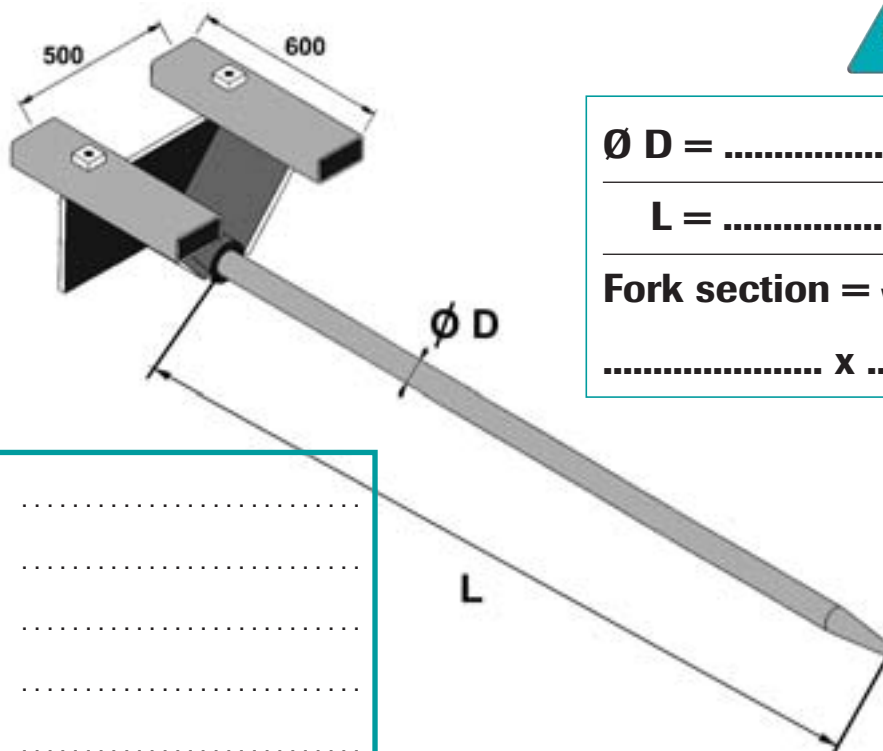
DOUBLE CARPET BOOMS



FEM I=331	FEM II=508
FEM II=407	FEM IV=635
1	2
A= $\emptyset$	A= $\emptyset$
B=	B=
C=	C=
D=	D=
E=	E=
F= kg	F= kg
G=	G=



SINGLE CARPET BOOMS



Ø D =

L =

Fork section = width x thickness

..... X

Company:

Customer code:

Name:

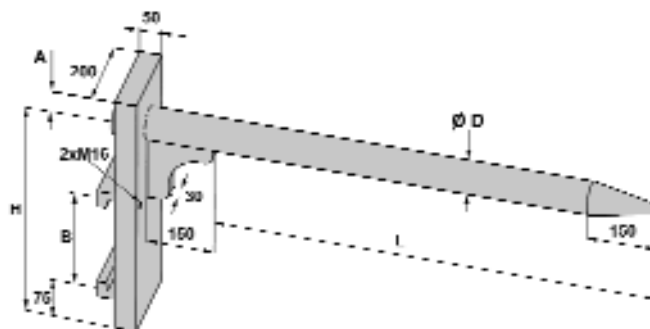
Fax number:

Truck make:

Truck type: Serial nr:

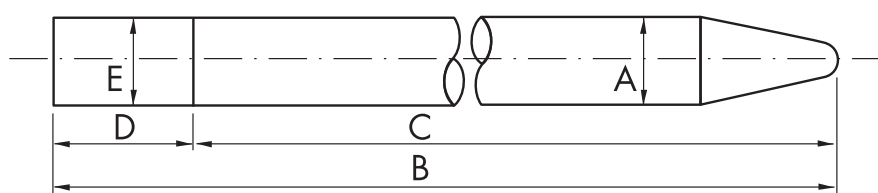
FAX FORM: BOOMS

BIG-BAG BOOMS



A	.....
B	.....
H	.....
L	.....
Ø D	.....

SEPARATE BOOMS



A	.....
B	.....
C	.....
D	.....
E	.....

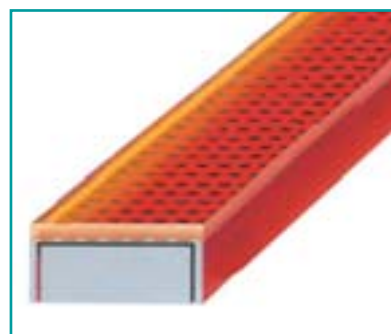
PROTECTIVE FORK COVERS



- ☐ **ORDER**
☐ FORK BLADE PROTECTION
☐ **ENQUIRY**
☐ FORK BACK PROTECTION
☐ FORK BLADE & BACK PROTECTION

FORK THICKNESS = mm
 WIDTH = mm
 (to be measured at the widest place)
 HEIGHT = mm
 LENGTH = mm
 BLADE
 BACK

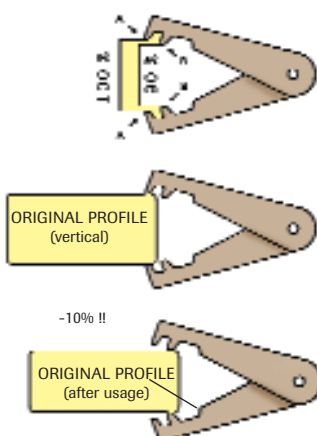
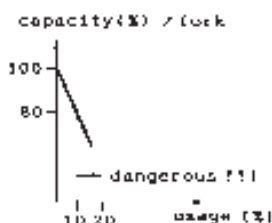
Company:
 Customer code:
 Name:
 Fax number:
 Truck make:
 Truck type: Serial nr.:



WEAR CALLIPER FOR FORKS (1)



REF 107TA4779



WEAR CALLIPER FOR FORKS (2)



REF 116TA5800

When fork wear exceeds 10% of nominal thickness, the fork has to be replaced (ISO 5057)

Instructions

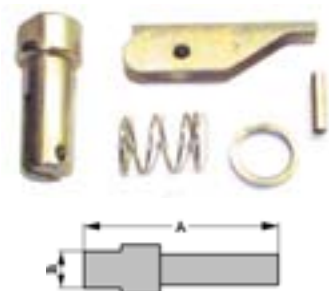
- 1) Determine nominal thickness "N" of fork using scale (for example of shank of the fork)
- 2) Apply opening allocated to the nominal thickness "N" (for example N45 for the 45mm nominal thickness) to the area with the greatest wear
- 3) If the opening fits over the fork, the fork has to be replaced

FORK HOOKS



Type	Width mm	REF
FEM II a (top)	120	107TA4773
FEM II a (bottom)	90	107TA4774
FEM III a (top)	140	107TA4775
FEM III a (bottom)	115	107TA4776
FEM IV a (top)	190	107TA4777
FEM IV a (bottom)	150	107TA4778

FORK LATCH PINS



universal version			mechforge version	
Type	REF	Dimensions (mm)	REF	Dimensions (mm)
FEM IIa + b	107TA4770	A= 54 B= 12,5	107TA4767	A= 54 B= 12,5
FEM IIIa + b	107TA4771	A= 58 B= 16	107TA4768	A= 58 B= 16
FEM IV a + b	107TA4772	A= 58 B= 16	107TA4769	A= 65 B= 16

SET OF 2 QUICK RELEASE BOTTOM LUGS



Mounting Class	REF
fem 2	111TA6034
fem 3	111TA6035
fem 4	111TA6036

FRACTURE INDICATOR



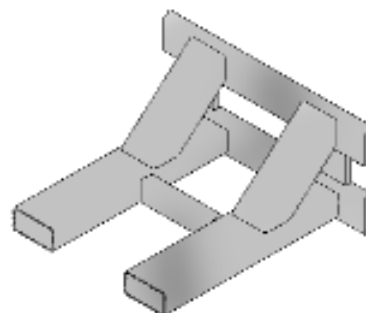
REF 107TA7472

fracture indicator
set of 3 sprays

FORK MOVING CARRIAGE



REF 107TA4782
To transport forklift forks



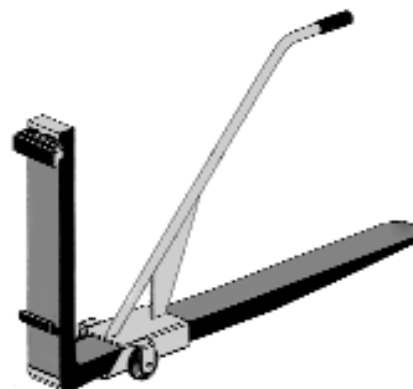
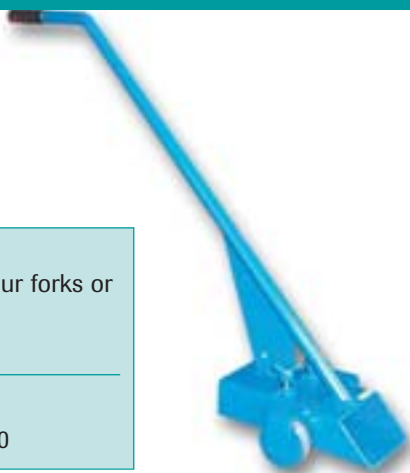
FORK DOLLY

REF 107TA4780

A safe and easy way to move your forks or mount them on a carriage.
Up to fork section 150 x 50

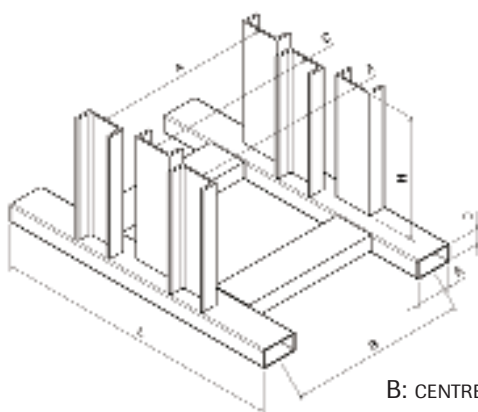
REF 107TA4781

for 2 forks up to section 150 x 70



MAST SUPPORT

To move and stock forklift masts in a safe way



B: CENTRE TO CENTRE OF FORK POCKETS

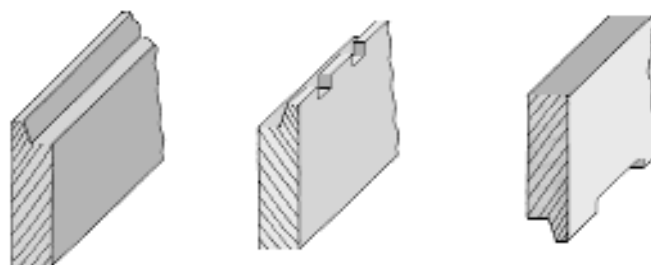
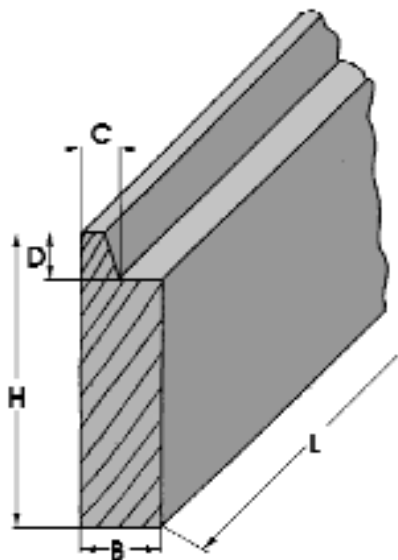
Also available with oil pan. Call our sales department !



	dimensions (mm)						
	L	B	H	A	C	D	E
REF 105TA2760	1200	730	500	730	715	65	140
REF 105TA2761	1200	850	500	850	835	65	140

FORK CARRIAGE PROFILES

Please indicate the length and the reference of the profile



Class FEM	H	B	C	D	REF profile	REF top profile	REF bottom profile
2	60	50	16	13	124TA1939	124TA1940	124TA1941
2	80	30	16	13	111TA3753	111TA3754	111TA3755
2	110	32	16	13	107TA4832	107TA4793	107TA4811
2	110	38	16	13	107TA4833	107TA4794	107TA4812
2	127	32	16	13	107TA4834	107TA4795	107TA4813
2	150	38	16	13	107TA4835	107TA4796	107TA4814
2	152	32	16	13	107TA4836	107TA4797	107TA4815
3	148	40	21,5	16	107TA4837	107TA4798	107TA4816
3	180	38	21,5	16	107TA4838	107TA4799	107TA4817
3	180	45	21,5	16	107TA4839	107TA4800	107TA4818
4	180	57	25,5	19	107TA4840	107TA4801	107TA4819

FORK CARRIAGE PROFILES CUTTED LENGTH

class fem	H	B	C	D	Length	REF top profile	REF bottom profile
2	100	40	16	13	1000	111TA6026	111TA6030
2	100	40	16	13	1200	111TA6027	111TA6031
3	150	40	21,5	16	1000	111TA6028	111TA6032
3	150	40	21,5	16	1200	111TA6029	111TA6033

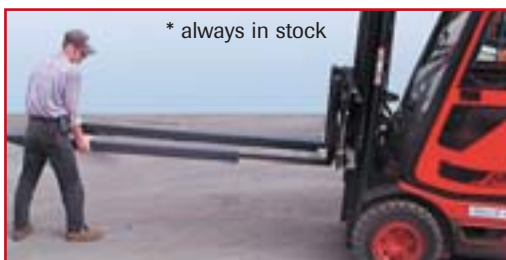
FORK EXTENSIONS

Fork extension closed version

Fork Section	REF Length of fork extension								
mm	1200 mm	1400 mm	1500 mm	1600 mm	1800 mm	2000 mm	2200 mm	2400 mm	2500 mm
80 x 40	128TA4036	128TA4049	128TA4062	128TA4075	128TA4088	128TA4101	128TA4114	128TA4127	128TA4140
100 x 40	128TA4037	128TA4050	128TA4063	128TA4076	128TA4089	128TA4102	128TA4115	128TA4128	128TA4141
100 x 50	128TA4038	128TA4051	128TA4064	128TA4077	128TA4090	128TA4103	128TA4116	128TA4129	128TA4142
100 x 45	128TA4039	128TA4052	128TA4065	128TA4078	128TA4091	128TA4104	128TA4117	128TA4130	128TA4143
120 x 50	128TA4040	128TA4053	128TA4066	128TA4079	128TA4092	128TA4105	128TA4118	128TA4131	128TA4144
125 x 40	128TA4041	128TA4054	128TA4067	128TA4080	128TA4093	128TA4106	128TA4119	128TA4132	128TA4145
125 x 45	128TA4042	128TA4055	128TA4068	128TA4081	128TA4094	128TA4107	128TA4120	128TA4133	128TA4146
130 x 45	128TA4043	128TA4056	128TA4069	128TA4082	128TA4095	128TA4108	128TA4121	128TA4134	128TA4147
130 x 50	128TA4044	128TA4057	128TA4070	128TA4083	128TA4096	128TA4109	128TA4122	128TA4135	128TA4148
130 x 60	128TA4045	128TA4058	128TA4071	128TA4084	128TA4097	128TA4110	128TA4123	128TA4136	128TA4149
140 x 50	128TA4046	128TA4059	128TA4072	128TA4085	128TA4098	128TA4111	128TA4124	128TA4137	128TA4150
150 x 50	128TA4047	128TA4060	128TA4073	128TA4086	128TA4099	128TA4112	128TA4125	128TA4138	128TA4151
150 x 60	128TA4048	128TA4061	128TA4074	128TA4087	128TA4100	128TA4113	128TA4126	128TA4139	128TA4152



Many other lengths on demand !



* always in stock

ATTENTION! FOR SECURITY REASON LENGTH OF THE EXTENSION SHOULD NEVER EXCEED 60% OF THE FORK LENGTH!

Fork extension open version

Fork Section	REF Length of fork extension				
mm	1200 mm	1400 mm	1500 mm	1600 mm	1800 mm
80x40	111TA6051	111TA6059	111TA6067	111TA6075	111TA6083
100x40	111TA6052	111TA6060	111TA6068	111TA6076	111TA6084*
100x45	111TA6053	111TA6061	111TA6069	111TA6077	111TA6085*
100x50	111TA6054	111TA6062	111TA6070	111TA6078	111TA6086
125x40	111TA6055	111TA6063	111TA6071	111TA6079*	111TA6087
125x45	111TA6056	111TA6064	111TA6072	111TA6080	111TA6088*
130x45	111TA6057	111TA6065	111TA6073	111TA6081	111TA6089
130x50	111TA6058	111TA6066	111TA6074	111TA6082	111TA6090

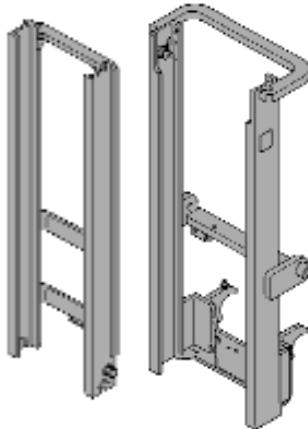
TRAFFIC SIGN

REF 107TA4784

For safer traffic
inside factories
made of foam
100 x 800 x 100 mm



CONSTRUCTION AND REPAIR OF MASTS



CONSTRUCTION AND REPAIR OF CYLINDERS (LIFT & TILT & STEERING)

SEPARATE SPARE
PARTS AVAILABLE



CONSTRUCTION AND REPAIR OF CARRIAGES



SPARE PARTS USED FOR CASCADE MASTS

MAST TYPE	SEAL KIT FOR FREE LIFT CYLINDER	SEAL KIT FOR MAIN LIFT CYLINDER	CHAIN SHEAVE	HOSE SHEAVE	MAST ROLLER	CARRIAGE MAST ROLLER	CARRIAGE SIDE ROLLER
MT16		111TA6040	111TA6048		104TA1682 Quantity: 12	104TA1682 Quantity: 6	
MT25		111TA6041	104TA1893		104TA1692 Quantity: 12	104TA1692 Quantity: 6	
MT40		111TA6042	104TA1771		104TA1802 Quantity: 12	104TA1802 Quantity: 6	
45C		111TA6043			104TA1692 Quantity: 12 104TA1688 Quantity: 12	104TA1692 Quantity: 6 104TA1688 Quantity: 6	
35DMS, 40DMS <i>Working press.: 140 bar</i>		111TA6044	111TA6048	111TA6049	104TA1682	104TA1682 Quantity: 4 or 6	104TA3345 Quantity: 4
35DMS, 40DMS <i>Working press.: 180 bar</i>		111TA6045	111TA6048	111TA6049	104TA1682	104TA1682 Quantity: 4 or 6	104TA3345 Quantity: 4
55DMS, 60DMS, 60DMS, 55DMSE, 66DMSE		111TA6046	104TA1893	111TA6049	104TA1692 Quantity: 6	104TA1692 Quantity: 4 or 6	104TA3345 Quantity: 4
35DMD, 40DMD	111TA6037	111TA6047	111TA6048	111TA6049	104TA1681	104TA1681 Quantity: 4 or 6	104TA3345 Quantity: 4
35DMT,40DMT, 35DMTE, 40DMTE <i>Working press.: 140 bar</i>	111TA6037	111TA6044		111TA6049	104TA1682 Quantity: 8	104TA1682 Quantity: 4 or 6	104TA3345 Quant.: 4 or 6
35DMT,40DMT, 35DMTE, 40DMTE <i>Working press.: 180 bar</i>	111TA6038	111TA6045		111TA6049	104TA1682 Quantity: 8	104TA1682 Quantity: 4 or 6	104TA3345 Quant.: 4 or 6
55DMT, 55DMTE	111TA6039	111TA6046	104TA1893	111TA6049	104TA1688 Quantity: 8	104TA1688 Quantity: 4 or 6	104TA3345 Quantity: 4
60DMT, 66DMTE, 66DMT	111TA6039	111TA6046	104TA1893	111TA6049	104TA1692 Quantity: 8	104TA1692 Quantity: 4 or 6	104TA3345 Quantity: 4

FORK TIP PROTECTION

SECURE, ROBUST, PROTECTION

DAILY PROBLEM:



INSTANT ANSWER:



REF 107TA4783

Eliminates the spearing effect of forks, without reducing their effectiveness. Made of special industrial urethane, the gloves replace hard steel with a material that has a unique cushioning effect, greatly reducing damage to anything they touch. The glove fits 95% of all forks, covering a fork thickness of up to 15 mm and a width of between 80 mm and 140 mm, and are attached with a specially formulated twin component epoxy resin.



SAFETY

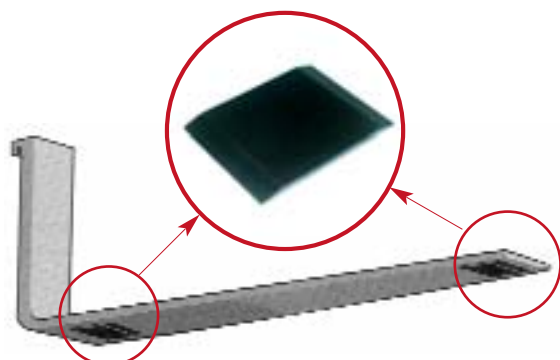
Bright yellow in colour, the gloves highlight the dangerous forklift tips. The colour gives a clear reference point for high pallet entry and the construction of the gloves gives the operator a cushioning "feel" before any damage occurs.

CONTAINS

- 1 set of protectors
- 2 glue cartridges
- full fitting instructions
- Protects: products, staff, pallets, racking, fixtures.
- Enhances safety.
- Dramatically reduces product damage.
- Easy to install.
- Increases lifespan of pallets.
- Cost effective warehouse protection.
- Decreases insurance claims.



FORK WEAR PADS



5 mm wear thickness (+ 1 mm adhesive) and 100 mm length stick firmly onto the bottom of the heel

- wear pad 75 mm wide (for fork width 100 mm) **REF 107TA4763**
- wear pad 100 mm wide (for fork width 125 mm) **REF 107TA4764**
- wear pad 125 mm wide (for fork width 150 mm) **REF 107TA4765**
- wear pad 175 mm wide (for fork width 200 mm) **REF 107TA4766**



USED FOR TOYOTA



REF 106TA7811
type 2FB Mast: F4

USED FOR NISSAN



REF 106TA7812
type HO2-3,0T Mast: 2W

USED FOR TOYOTA



REF 107TA8588
type 5FD 45 Mast: FSV

USED FOR TOYOTA



REF 107TA8590
type 5FD 35 Mast: FV

USED FOR TOYOTA



REF 107TA8591
type 5FD 30 Mast: V

USED FOR MITSUBISHI



REF 107TA8593
type FG15-F25 Mast:V

USED FOR MITSUBISHI



REF 107TA8594
type FD35 Mast:V

USED FOR MITSUBISHI



REF 107TA8576
type FD25-F17-18ab Mast: 3M FFT

USED FOR TOYOTA



REF 107TA4858
type 5FG15 Mast: V

USED FOR TOYOTA



REF 107TA4855
type 5FD25 Mast:V

USED FOR TOYOTA



REF 107TA4862
type 5FG15 Mast: FV



USED FOR DAEWOO



REF 107TA4852
type B30S-2 Mast: STD

USED FOR DAEWOO



REF 107TA4849
type D20-25S-3 Mast: FFT

USED FOR TOYOTA



REF 107TA8592
type 5FD 35 DUAL Mast: V

USED FOR DAEWOO



REF 107TA4841
type D30S-3 Mast: STD



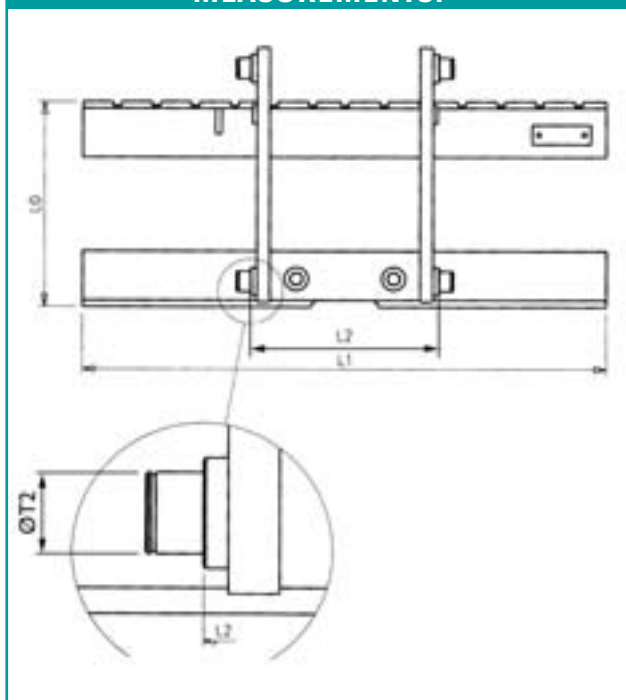
A certificate of conformity with directive 89/37/EC, annex II, sub B is issued with all carriages.

TECHNICAL DETAIL: CARRIAGES

EXAMPLE



MEASUREMENTS:



Company:

Customer code:

Name:

Fax number:

Truck make:

Truck type: Serial nr.:

- ① L0 total height of carriage
- ② L1 total width of carriage
- ③ L2 total width between supports
- ④ T2 diameter roller support
- ⑤ M..... number of shaft roller uprights



**Indicate numbers stamped on mast + type
and serial number of forklift truck**

CONSTRUCTION OF CARRIAGES USED FOR:

MAKE	TYPE	MAST	REF	WIDTH	CAPACITY
DAEWOO	B30S-2	STD	107TA4852	1115 mm	3,0 ton
DAEWOO	B20-B25S-2	F.F.T.	107TA8530	1103 mm	2,0 ton - 2,5 ton
DAEWOO	B20-B25S-2	STD	107TA8531	1103 mm	2,0 ton - 2,5 ton
DAEWOO	D30S-3/G30E-3	F.F.T.	107TA8532	1440 mm	3,0 ton
DAEWOO	D30S-3/G30E-3	STD	107TA8533	1440 mm	3,0 ton
DAEWOO	D30S-3/G30E-3	F.F.T.	107TA8534	1115 mm	3,0 ton
DAEWOO	D30S-3/G30E-3	STD	107TA4841	1115 mm	3,0 ton
DAEWOO	D20-25S3/G20E-3	F.F.T.	107TA8535	1440 mm	2,0 ton - 2,5 ton
DAEWOO	D20-25S3/G20E-3	STD	107TA8536	1103 mm	2,0 ton - 2,5 ton
DAEWOO	D20-25S3/G20E-3	F.F.T.	107TA4849	1103 mm	2,0 ton - 2,5 ton
DAEWOO	D20-25S3/G20E-3	STD	107TA8537	1440 mm	2,0 ton - 2,5 ton
DAEWOO	D/G45S-2,G50SC-2	STD	107TA8538	1330 mm	4,5 ton - 5,0 ton
DAEWOO	D/G45S-2,G50SC-2	F.F.	107TA8539	1330 mm	4,5 ton - 5,0 ton
DAEWOO	D20-25S3/G20E-3	F.F.	107TA8540	1103 mm	2,0 ton - 2,5 ton
DAEWOO	B20-B25S-2	F.F.T.	107TA8541	1103 mm	2,0 ton - 2,5 ton
DAEWOO	B30S-2	F.F.	107TA8542	1115 mm	3,0 ton
DAEWOO	B20-B25S-2	F.F.T.	107TA8543	1115 mm	2,0 ton - 2,5 ton
DAEWOO	GC/BC20E-3,S2	F.F.	107TA8544	973 mm	2,0 ton - 2,5 ton
DAEWOO	GC/BC20E-3,S2	F.F.T.	107TA8545	973 mm	2,0 ton - 2,5 ton
DAEWOO	B16-18X	STD	107TA8546	973 mm	1,6 ton - 1,8 ton
DAEWOO	B16-18X	F.F.	107TA8547	973 mm	1,6 ton - 1,8 ton
DAEWOO	B16-18X	F.F.T.	107TA8548	973 mm	1,6 ton - 1,8 ton
DAEWOO	B20-X	STD	107TA8549	973 mm	2,0 ton
DAEWOO	B20-X	F.F.	107TA8550	973 mm	2,0 ton
DAEWOO	B20-X	F.F.T.	107TA8551	973 mm	2,0 ton
DAEWOO	GC/BC30E-3,S2	STD	107TA8552	1025 mm	3,0 ton
DAEWOO	GC/BC30E-3,S2	F.F.	107TA8553	1025 mm	3,0 ton
DAEWOO	GC30E-3	F.F.T.	107TA8554	1025 mm	3,0 ton
DAEWOO	BR14-16JW	STD	107TA8555	771 mm	1,4 ton - 1,6 ton
DAEWOO	D/G20-25S/E-3	F.F.	107TA8556	1440 mm	2,0 ton - 2,5 ton
DAEWOO	D/G30E-S-3	F.F.	107TA8557	1115 mm	3,0 ton
DAEWOO	D/G30E-S-3	F.F.	107TA8558	1440 mm	3,0 ton
DAEWOO	GC-BC20-25e/s2	STD	107TA8559	973 mm	2,0 ton - 2,5 ton
DAEWOO	D/G35-40SC/S2	STD	107TA8560	1250 mm	3,5 ton - 4,0 ton
DAEWOO	D/G35-40SC/S2	F.F.	107TA8561	1250 mm	3,5 ton - 4,0 ton
DAEWOO	D/G35-40SC/S2	F.F.T.	107TA8562	1250 mm	3,5 ton - 4,0 ton
DAEWOO	D/G35-40SC/S2	STD	107TA8563	1630 mm	3,5 ton - 4,0 ton
DAEWOO	D/G35-40SC/S2	F.F.	107TA8564	1630 mm	3,5 ton - 4,0 ton
DAEWOO	D/G35-40SC/S2	F.F.T.	107TA8565	1630 mm	3,5 ton - 4,0 ton
DAEWOO	D/G45S+SC-2	F.F.T.	107TA8566	1330 mm	4,5 ton
DAEWOO	D/G45-50S+SC2	STD	107TA8567	1630 mm	4,5 ton - 5,0 ton
DAEWOO	D/G45-50S+SC2	F.F.	107TA8568	1630 mm	4,5 ton - 5,0 ton
DAEWOO	D/G45-50S+SC2	F.F.T.	107TA8569	1630 mm	4,5 ton - 5,0 ton

- STD** = standard mast
V = view mast
FF = full free lift
FFT = full free triplex
FV = free lift
FSV = triplex free lift mast
M = duplex free lift mast
F4 = full free lift mast
2W = view mast
2W-H = view mast cushion

A certificate of conformity with directive 89/37/EC, annex II, sub B is issued with all carriages.

This is just a small selection of carriages we can produce. For other types please supply truck and mast details.

CONSTRUCTION OF CARRIAGES USED FOR:					
DAEWOO	D50-60A-2/S-2	STD	107TA8570	2156 mm	5,0 ton - 6,0 ton
DAEWOO	D70a-2/S-2	STD	107TA8571	2156 mm	7,0 ton
DAEWOO	D50-60A-2/S-2	STD	107TA8572	2005 mm	5,0 ton - 6,0 ton
DAEWOO	D70a-2/S-2	STD	107TA8573	2005 mm	5,0 ton - 6,0 ton
DAEWOO	D50-60A-2/S-2	F.F.T.	107TA8574	2156 mm	5,0 ton - 6,0 ton
DAEWOO	D50-60S-2	STD	107TA8575	2005 mm	5,0 ton - 6,0 ton
MITSUBISHI	FD25-F18A	3M=F.F.T.	107TA8576	1000 mm	2,0 ton - 2,5 ton
MITSUBISHI	FG15-F25	V	107TA8593	920 mm	1,0 ton - 1,5 ton
MITSUBISHI	FD35	V	107TA8594	1190 mm	3,5 ton
LINDE	351	163 4 rolls	107TA4868	1150 mm	2,0 ton - 2,5 ton
LINDE	351	163 6 rolls	107TA4869	1300 mm	3,0 ton
LINDE	351	163 6 rolls	107TA4870	1150 mm	2,0 ton - 2,5 ton
LINDE	320	386 4 rolls std	107TA8577	2260 mm	5,0 ton - 6,0 ton
LINDE	332	384 std	107TA4872	1350 mm	4,0 ton
LINDE	331	153 6 rolls	107TA4873	1150 mm	2,0 ton - 2,5 ton
LINDE	352	166 std 4 rolls	107TA7733	1350 mm	4,0 ton
LINDE	351	163+164 6 rolls	107TA4874	1150 mm	3,0 ton
LINDE	351	165 tripl. 4 rolls	107TA7734	1150 mm	2,0 ton - 2,5 ton
LINDE	352	166 std. 6 rolls	107TA4875	1350 mm	4,0 ton
LINDE	351-03	183 tripl. 6 rolls	107TA8578	1080 mm	2,0 ton - 2,5 ton
LINDE	350-03	180 tripl.	107TA8579	1040 mm	1,2 ton - 1,8 ton
LINDE	351-03	183	107TA8580	1080 mm	2,0 ton - 2,5 ton
LINDE	351-03	186	107TA8581	1150 mm	3,0 ton
LINDE	335	TRI	107TA8582	1040 mm	1,4 ton - 2,0 ton
LINDE	350	dup+tri	107TA8583	1040 mm	1,2 ton - 1,8 ton
LINDE	351	183	107TA8584	1080 mm	2,0 ton
NISSAN	H01	2W-H	107TA4865	920 mm	1,0 ton - 1,5 ton
NISSAN	H02	2W	106TA7812	1020 mm	3 ton
NISSAN	H02	2W	107TA4866	1020 mm	2,0 ton - 2,5 ton
NISSAN	H01	2W	107TA4867	920 mm	1,0 ton - 1,5 ton
TOYOTA	5FD/FG	V	107TA4855	1015 mm	2,0 ton - 2,5 ton
TOYOTA	2FB	M	107TA4856	820 mm	1,0 ton - 1,5 ton
TOYOTA	4FD/FG	V	107TA4857	920 mm	1,4 ton - 1,8 ton
TOYOTA	5FD/FG	V	107TA4858	920 mm	1,4 ton - 1,8 ton
TOYOTA	5FDC/FGC/FBC	FSV	107TA4859	920 mm	2,0 ton - 2,5 ton
TOYOTA	5FD/F6/FB		124TA2780	1020 mm	2,0 ton - 2,5 ton
TOYOTA	3FD/FG	V	107TA4860	1170 mm	3,3 ton - 4,0 ton
TOYOTA	3FD/FG	FSV	107TA4861	1170 mm	3,3 ton - 4,0 ton
TOYOTA	5FD/FG	FV	107TA4862	920 mm	1,0 ton - 1,8 ton
TOYOTA	3FG/2FB	V	107TA4863	820 mm	1,0 ton - 1,5 ton
TOYOTA	5FD/FG	FV	107TA4864	1020 mm	2,0 ton - 2,5 ton
TOYOTA	2FB	F4	106TA7811	940 mm	2,0 ton - 2,5 ton
TOYOTA	6FG/FD	V	107TA8585	920 mm	1,0 ton - 1,5 ton
TOYOTA	6FG/FD	V	107TA8586	1020 mm	2,0 ton - 2,5 ton
TOYOTA	6FG/FD/6FB/ 6FBM/5FB30	V	107TA8587	1070 mm	3,0 ton
TOYOTA	5FD45	FSV	107TA8588	1630 mm	4,5 ton
TOYOTA	6FG/FD15	FV	107TA8589	920 mm	1,0 ton - 1,5 ton
TOYOTA	5FD35	FV	107TA8590	1170 mm	3,5 ton
TOYOTA	5FD30	V	107TA8591	1070 mm	3,0 ton
TOYOTA	5FD35	V	107TA8592	1630 mm	3,5 ton

TECHNICAL DETAILS: SHAFT ROLLER UPRIGHT



EXAMPLE



Company:

Customer code:

Name:

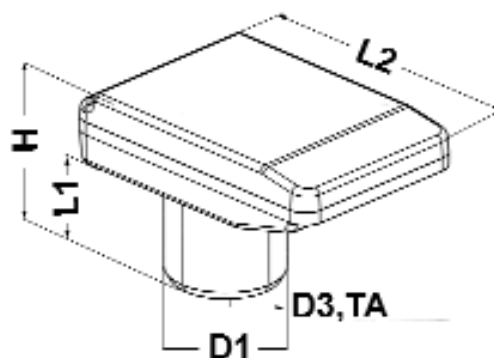
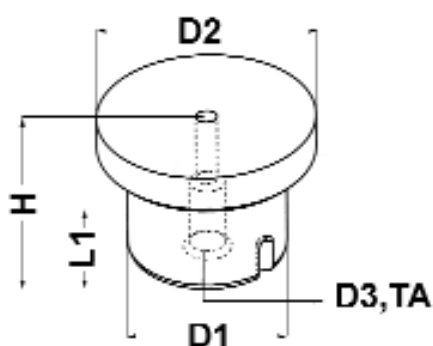
Fax number:

Truck make:

Truck type: Serial nr.:

- 1 H..... total height of the shaft roller upright
- 2 D1..... upright diameter, see diagram
- 3 L1 upright length, see diagram
- 4 D2..... flange diameter
- 5 L2 dimension, see diagrams
- 6 D3..... diameter, see diagrams
- 7 TA thread type, inner thread type has priority
over outer thread type
- 8 PM step (metric)
- 9 PI step (inch)
- 10 RH/LH right-hand or left-hand screw thread
- 11 EX..... eccentricity in mm

DIMENSIONS



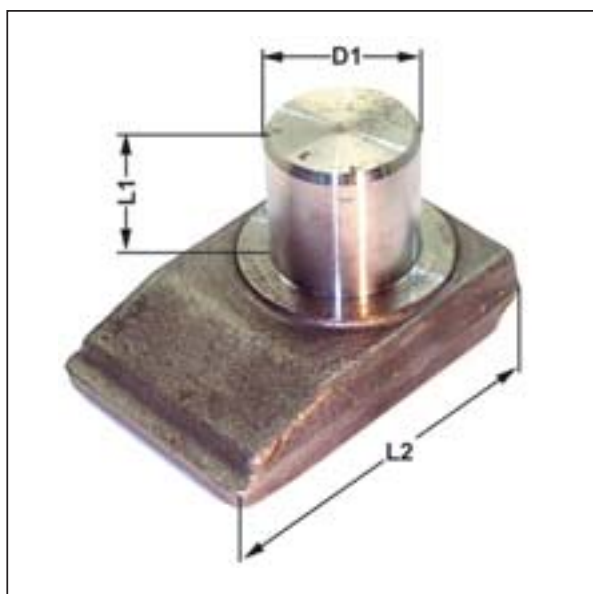
SHAFT ROLLER UPRIGHT



This is only a small selection from our range. For all other shafts, please call us.



REF	D1	L1	H
106TA6955	30,2	31,8	45
106TA6961	35	26,4	38
106TA6959	35	27,4	36
106TA6964	36	10,5	24
106TA6963	40	23	34
106TA6957	40	25,5	37,7
106TA6962	40	26	42
106TA6956	40	39,1	53
106TA6960	45	26,4	38,2
106TA6958	45	32	45



REF	D1	L1	L2
106TA6965	28	24	42
106TA6966	31,8	50	97
106TA6967	35	34	83,6
106TA6970	35	34,2	94
106TA6969	35	46	98
106TA6968	45	38,8	106
106TA6971	45	44	102
106TA6972	50	69	136
106TA6974	52	37,7	60
106TA6973	60	105	82,5

CYLINDER BUSHINGS

CYLINDER BUSHINGS



See technical detail hardware bushings !

COMPLETE RANGE OF BUSHINGS AVAILABLE IN DIFFERENT MATERIALS:

- metal
- bronze
- copper
- steel
- teflon bushings
- self-lubricating bushings
- plastic bushings
- in all dimensions

For further information,
please contact us.

TECHNICAL DETAILS: MAST BUSHING UPRIGHT



EXAMPLE



Company:

Customer code:

Name:

Fax number:

Truck make:

Truck type: Serial nr.:

- ① **TY** type of mast bushing upright, see types
- ② **L1** total overall length, see diagram
- ③ **L2** dimension, see diagram
- ④ **B1** width of the mast bushing upright
- ⑤ **B2** width of the widest external groove
- ⑥ **B3** width of the widest internal groove
- ⑦ **S** thickness of mast bushing upright
- ⑧ **MT-UIT** external material, see list
- ⑨ **MT-IN** internal material, see list
- ⑩ **AT-GA** number of holes
- ⑪ **INW-GR** number of internal grooves, see diagram
- ⑫ **UITW-GR** number of external grooves, see diagram

TECHNICAL DETAILS: MAST BUSHING UPRIGHT

TYPES

Type A

without grooves

Type B

with external groove

Type C

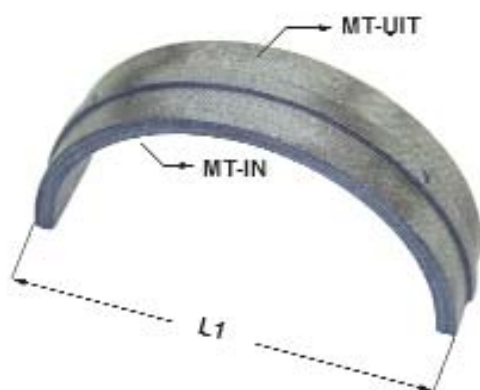
with collar on sides

Type D

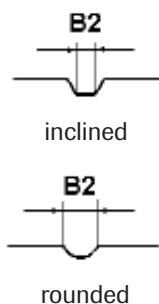
with collar away from sides

DIMENSIONS

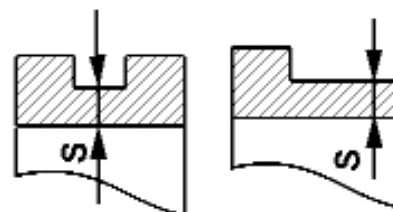
EXTERNAL



GROOVES



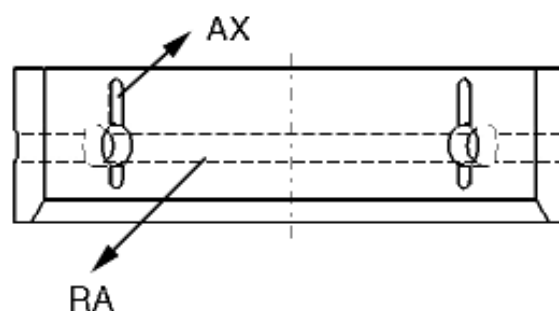
THICKNESS



LIST OF MATERIALS INTERNAL, EXTERNAL

AL	=	aluminium
BR	=	bronze
BRZ	=	bronze self-lubricating
CU	=	copper
FI	=	fibreglass
IX	=	stainless steel
KS	=	synthetic
MG	=	brass graphite
MS	=	brass
NY	=	nylon
ST	=	steel, metal
STG	=	steel, metal polished
STZ	=	steel, metal self-lubricating
TF	=	teflon
VU	=	urethane

GROOVES



If different mixed types of grease grooves, we determine the order as follows : RA -> AX -> SH -> SP

After the type we mark the existing number : e.g. RA1 SH2 = 1 radial en 2 inclined grease grooves

ATTENTION!

- the composite material is only filled out if it is different from the external one
- for material types in plug type we add a P - e.g. : TFP -> teflon plug type
CUP -> copper plug type

USED FOR: NISSAN



REF 104TA3612

USED FOR: KOMATSU



REF 104TA3626

This is only a selection. For all other mast bushings, please call us.

USED FOR: HYSTER



REF 104TA3732

USED FOR: NISSAN



REF 104TA3724

USED FOR: NISSAN



REF 104TA3646

USED FOR: TOYOTA



REF 104TA3650

USED FOR: NISSAN



REF 104TA3609

USED FOR: NISSAN



REF 104TA3645

USED FOR: KOMATSU



REF 104TA3636

USED FOR: TCM



REF 104TA3606

This is only a selection. For all other mast bushings, please call us.

USED FOR: MITSUBISHI



REF 104TA3608

USED FOR: TOYOTA



REF 104TA3617

USED FOR: TOYOTA



REF 107TA4876

USED FOR: CLARK



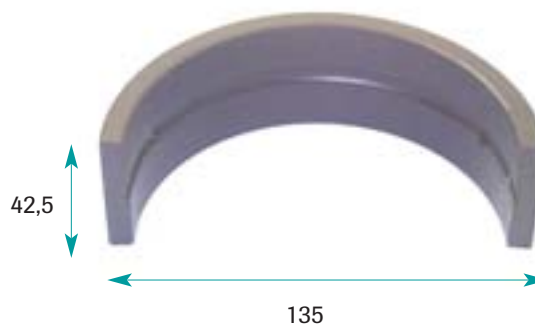
REF 104TA3742

USED FOR: TOYOTA



REF 104TA3590

USED FOR: NISSAN



REF 104TA3640

MAST TILT INDICATOR

REF 106TA8238

The solution to levelling your forks:

Once in place the mast tilt indicator is easily and quickly set. All that is required is a spirit level and a spanner !

Simply place the spirit level along the length of one of the forks and adjust the mast tilt so that the forks are exactly level. Adjust the mast tilt indicator until the green bar is positioned exactly between the two horizontal lines on the window. Lock the mast tilt indicator spindle in place. What could be more simple?

The mast tilt indicator indicates when the forks are horizontal and not if the mast is upright. Therefore no matter how badly worn your mast or carriage may be, your operator always knows when the forks are exactly horizontal.



Fig. 1

MAST TILTED FORWARD

Green bar in lower position



Fig. 2

MAST TILTED BACKWARDS

Green bar in upper position

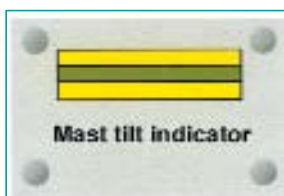
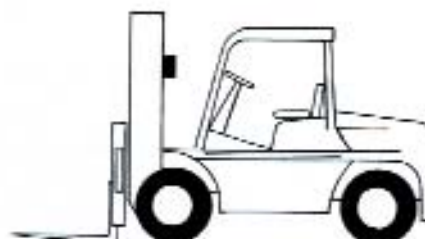


Fig. 3

MAST UPRIGHT

Green bar in centre position

MAST TILT INDICATOR

The solution to levelling the forks:

Simply align the red pins on the pivot and you can be sure that your forks are level. You needn't worry no more when working at height either. **The Indicator** is fitted to the mast and frame of the forklift, offering the operator a perfect view at all times.

Flexibility

The Indicator is adaptable to any make and model of lift truck, telescopic lift truck or front-loading shovel. The time taken to fit the device depends on the type of truck, but you should be able to install the product within 30 minutes.

Cost-effectiveness

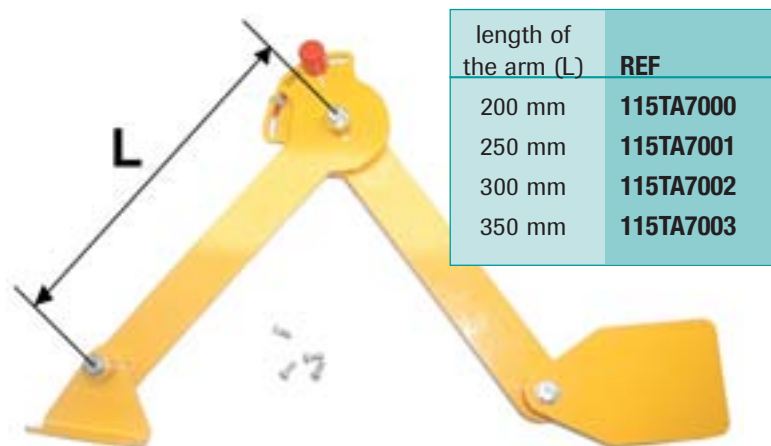
At a fraction of the cost of an average loaded pallet, it makes financial sense to fit **The Indicator**. The hard-wearing finish and simple design make a maintenance free product that will last for years.

Peace of mind

Many people are injured every year due to pallets binding on forks. Not only will your staff thank you for **The Indicator**, but your insurance company and Health & safety Representative will too.



Version for lift trucks



Version for telescopic trucks



REF 115TA7004



Fig. 1
MAST TILTED FORWARD



Fig. 2
MAST UPRIGHT

NOTES

NOTES

954

