

All bearings are available in steps of one full mm.

The diameter tolerance of the shaft must be +0.00 mm, -0.08 mm.

All prices are in Euro (€) excluding VAT and transport and are subject to change.

Part No.	Description	Price in Euro
STANDARD BOTTOM ROLLER BEARINGS:		
41030 - 41039	30 to 39 mm roller bearing	191
41040 - 41049	40 to 49 mm roller bearing	217
41050 - 41059	50 to 59 mm roller bearing	238
41060 - 41069	60 to 69 mm roller bearing	258
41070 - 41079	70 to 79 mm roller bearing	282
41080 - 41089	80 to 89 mm roller bearing	312
41090 - 41094	90 to 94 mm roller bearing	570
41095 - 41104	95 to 104 mm roller bearing	659
41105 - 41114	105 to 114 mm roller bearing	750
41115 - 41124	115 to 124 mm roller bearing	838
41125 - 41134	125 to 134 mm roller bearing	916
41135 - 41144	135 to 144 mm roller bearing	1017
41145 - 41154	145 to 154 mm roller bearing	1139
41155 - 41164	155 to 164 mm roller bearing	1288
41+shaft diameter	165 to 350 mm roller bearing custom made	
SELF-ALIGNING BOTTOM ROLLER BEARINGS:		
4S040 - 4S059	40 to 59 mm self-aligning bottom roller bearing	438
4S060 - 4S079	60 to 79 mm self-aligning bottom roller bearing	485
4S080 - 4S099	80 to 99 mm self-aligning bottom roller bearing	584
4S100 - 4S119	100 to 119 mm self-aligning bottom roller bearing	729
4S120 - 4S139	120 to 139 mm self-aligning bottom roller bearing	899
4S140 - 4S159	140 to 159 mm self-aligning bottom roller bearing	1129
4S160 - 4S179	160 to 179 mm self-aligning bottom roller bearing	1383
4S180 - 4S199	180 to 199 mm self-aligning bottom roller bearing	1774
4S200 - 4S219	200 to 219 mm self-aligning bottom roller bearing	2288
4S220 - 4S239	220 to 239 mm self-aligning bottom roller bearing	2858
4S240 - 4S259	240 to 259 mm self-aligning bottom roller bearing	3430
4S260 - 4S279	260 to 279 mm self-aligning bottom roller bearing	4005
4S280 - 4S299	280 to 299 mm self-aligning bottom roller bearing	5226
4S300 - 4S329	300 to 329 mm self-aligning bottom roller bearing	6208
4S+shaft diameter	259 to 450 mm self-aligning bottom roller bearing	on quotation
SELF-ALIGNING "HEAVY DUTY" BOTTOM ROLLER BEARINGS:		
43045 - 43060	45 to 60 mm self-aligning "HD" bottom roller bearing	565
43061 - 43079	61 to 79 mm self-aligning "HD" bottom roller bearing	653
43080 - 43100	80 to 100 mm self-aligning "HD" bottom roller bearing	971
43101 - 43123	101 to 123 mm self-aligning "HD" bottom roller bearing	1285
43124 - 43155	124 to 155 mm self-aligning "HD" bottom roller bearing	1839
43156 - 43199	156 to 199 mm self-aligning "HD" bottom roller bearing	6005
WELD	Surcharge for "weld in" type	60
CONICAL SELF-ALIGNING BOTTOM ROLLER BEARINGS:		
5BT030 - 5BT045	30 to 45 mm conical self-aligning bearing	313
5BT046 - 5BT060	46 to 60 mm conical self-aligning bearing	402
5BT061 - 5BT082	61 to 82 mm conical self-aligning bearing	458
5BT083 - 5BT115	83 to 115 mm conical self-aligning bearing	522
5BT116 - 5BT140	116 to 140 mm conical self-aligning bearing	678
HULL MASTER FOR CONICAL SELF-ALIGNING BOTTOM ROLLER BEARINGS:		
5BT030M	Master for 5BT030 - 5BT045	192
5BT046M	Master for 5BT046 - 5BT060	226
5BT061M	Master for 5BT061 - 5BT082	258
5BT083M	Master for 5BT083 - 5BT115	294
5BT116M	Master for 5BT116 - 5BT140	386
SELF-ALIGNING PETP BOTTOM ROLLER BEARINGS IN GRP TUBE:		

Part No.	Description	Price in Euro
6T030 - 6T045	30 to 45 mm PETP s-a bearing in Ø90 mm GRP tube	364
6T046 - 6T060	46 to 60 mm PETP s-a bearing in Ø110 mm GRP tube	413
6T061 - 6T072	61 to 72 mm PETP s-a bearing in Ø130 mm GRP tube	492
6T073 - 6T095	73 to 95 mm PETP s-a bearing in Ø150 mm GRP tube	572
6T096 - 6T125	96 to 125 mm PETP s-a bearing in Ø180 mm GRP tube	682
6T126 - 6T162	126 to 162 mm PETP s-a bearing in Ø210 mm GRP tube	1057
6T163 - 6T210	163 to 210 mm PETP s-a bearing in Ø260 mm GRP tube (the price is for GRP tubes up to 600mm length)	1523
SELF-ALIGNING PETP BOTTOM & TOP ROLLER BEARINGS IN GRP TUBE:		
6D030 - 6D045	30 to 45 mm TWIN-PETP s-a bearing in Ø90 mm GRP tube	655
6D046 - 6D060	46 to 60 mm TWIN-PETP s-a bearing in Ø110 mm GRP tube	777
6D061 - 6D072	61 to 72 mm TWIN-PETP s-a bearing in Ø130 mm GRP tube	854
6D073 - 6D095	73 to 95 mm TWIN-PETP s-a bearing in Ø150 mm GRP tube	940
6D096 - 6D125	96 to 125 mm TWIN-PETP s-a bearing in Ø180 mm GRP tube	1083
6D126 - 6D160	126 to 160 mm TWIN-PETP s-a bearing in Ø210 mm GRP tube (the price is for GRP tubes up to 600mm length)	1540
PETP BOTTOM & TOP ROLLER BEARINGS IN GRP TUBE:		
6S030 - 6S049	30 to 49 mm TWIN-PETP bearing in Ø90 mm GRP tube	512
6S050 - 6S069	50 to 69 mm TWIN-PETP bearing in Ø110 mm GRP tube	609
6S070 - 6S089	70 to 89 mm TWIN-PETP bearing in Ø130 mm GRP tube	670
6S090 - 6S109	90 to 109 mm TWIN-PETP bearing in Ø150 mm GRP tube	737
6S110 - 6S139	110 to 139 mm TWIN-PETP bearing in Ø180 mm GRP tube	819
6S140 - 6S169	140 to 169 mm TWIN-PETP bearing in Ø210 mm GRP tube (the price is for GRP tubes up to 600mm length)	1113
PETP BOTTOM ROLLER BEARINGS IN GRP TUBE:		
61030 - 61049	30 to 49 mm PETP bearing in Ø90 mm GRP tube	262
61050 - 61069	50 to 69 mm PETP bearing in Ø110 mm GRP tube	324
61070 - 61089	70 to 89 mm PETP bearing in Ø130 mm GRP tube	381
61090 - 61109	90 to 109 mm PETP bearing in Ø150 mm GRP tube	460
61110 - 61139	110 to 139 mm PETP bearing in Ø180 mm GRP tube	531
61140 - 61169	140 to 169 mm PETP bearing in Ø210 mm GRP tube (the price is for GRP tubes up to 600mm length)	826
PETP BOTTOM ROLLER BEARINGS IN GRP TUBE INCL.TWIN PUR LIP SEALS:		
61030S - 61049S	30 to 49 mm PETP bearing in Ø90 mm GRP tube incl. twin PUR lip seals	394
61050S - 61069S	50 to 69 mm PETP bearing in Ø110 mm GRP tube incl. twin PUR lip seals	516
61070S - 61089S	70 to 89 mm PETP bearing in Ø130 mm GRP tube incl. twin PUR lip seals	600
61090S - 61109S	90 to 109 mm PETP bearing in Ø150 mm GRP tube incl. twin PUR lip seals	731
61110S - 61139S	110 to 139 mm PETP bearing in Ø180 mm GRP tube incl. twin PUR lip seals	923
61140S - 61169S	140 to 169 mm PETP bearing in Ø210 mm GRP tube incl. twin PUR lip seals (the price is for GRP tubes up to 600mm length)	1345
SELF-ALIGNING PETP ROLLER BEARINGS TYPE 6BB:		
6BB080030 - 6BB080045	30 to 45 mm PETP self-aligning bearing Ø80 mm outside diameter	266
6BB100041 - 6BB100060	41 to 60 mm PETP self-aligning bearing Ø100 mm outside diameter	325
6BB120058 - 6BB120072	58 to 72 mm PETP self-aligning bearing Ø120 mm outside diameter	355
6BB140073 - 6BB140095	73 to 95 mm PETP self-aligning bearing Ø140 mm outside diameter	423
6BB170096 - 6BB170125	96 to 125 mm PETP self-aligning bearing Ø170 mm outside diameter	489
6BB200126 - 6BB200160	126 to 160 mm PETP self-aligning bearing Ø200 mm outside diameter	683
SELF-ALIGNING PETP ROLLER BEARINGS TYPE 6BF:		
6BF080030 - 6BF080045	30 to 45 mm PETP self-aligning bearing Ø80 mm outside diameter	266
6BF100030 - 6BF100060	30 to 60 mm PETP self-aligning bearing Ø100 mm outside diameter	325
6BF120030 - 6BF120072	30 to 72 mm PETP self-aligning bearing Ø120 mm outside diameter	350
6BF140030 - 6BF140095	30 to 95 mm PETP self-aligning bearing Ø140 mm outside diameter	423
6BF170041 - 6BF170125	41 to 125 mm PETP self-aligning bearing Ø170 mm outside diameter	489
6BF200058 - 6BF200160	58 to 160 mm PETP self-aligning bearing Ø200 mm outside diameter	683

SELF-ALIGNING PETP BOTTOM ROLLER BEARINGS IN GRP TUBE with room for PUR lip seals:

Part No.	Description	Price in Euro
6TS040130 - 6TS059130	40 to 59 mm S-A bearing in 130 mm GRP tube	651
6TS060150 - 6TS079150	60 to 79 mm S-A bearing in 150 mm GRP tube	748
6TS080180 - 6TS099180	80 to 99 mm S-A bearing in 180 mm GRP tube	886
6TS100210 - 6TS139210	100 to 139 mm S-A bearing in 210 mm GRP tube	1407
	(the price is for GRP tubes up to 600mm length)	
TILLER STOPS:		
6SP035STP	Tiller stop up to 40 mm shaft	92
6SP050STP	Tiller stop up to 50 mm shaft	111
STANDARD TOP ROLLER BEARINGS:		
42030 - 42040	30 to 40 mm top roller bearing	228
42041 - 42050	41 to 50 mm top roller bearing	251
42051 - 42060	51 to 60 mm top roller bearing	300
42061 - 42070	61 to 70 mm top roller bearing	333
42071 - 42080	71 to 80 mm top roller bearing	451
42081 - 42090	81 to 90 mm top roller bearing	509
SPECIAL TOP ROLLER BEARINGS:		
42035STP	35 mm top roller bearing with stop for tiller head	244
42040STP	40 mm top roller bearing with stop for tiller head	244
42035SQ	35 mm top roller bearing with 110x85 flange and stop for tiller head	271
SELF-ALIGNING TOP ROLLER BEARINGS		
WITH INTEGRAL STOP:		
5T035STP	35 mm self-aligning top roller bearing with stop for tiller head	392
5T040STP	40 mm self-aligning top roller bearing with stop for tiller head	392
5T050STP	50 mm self-aligning top roller bearing with stop for tiller head	452
SELF-ALIGNING TOP ROLLER BEARINGS:		
5T030 - 5T045	30 to 45 mm self-aligning top roller bearing	339
5T046 - 5T060	45 to 60 mm self-aligning top roller bearing	402
5T061 - 5T082	61 to 82 mm self-aligning top roller bearing	509
5T083 - 5T105	83 to 105 mm self-aligning top roller bearing	607
SELF-ALIGNING TOP ROLLER BEARINGS WITH HANGER:		
4SF040H	40 mm self-aligning top roller bearing with hanger	488
4SF050H	50 mm self-aligning top roller bearing with hanger	566
4SF060H	60 mm self-aligning top roller bearing with hanger	780
4SF070H	70 mm self-aligning top roller bearing with hanger	1068
4SF080H	80 mm self-aligning top roller bearing with hanger	1068
4SF100H	100 mm self-aligning top roller bearing with hanger	1329
4SF120H	120 mm self-aligning top roller bearing with hanger	1908
4SF140H	140 mm self-aligning top roller bearing with hanger	2414
TOP ROLLER BEARING INCLUDING DECK FLANGE		
AND VERTICAL ROLLER BEARING:		
42050Z	50 mm top roller bearing with hanger	488
42060Z	60 mm top roller bearing with hanger	527
42080Z	80 mm top roller bearing with hanger	655
SELF-ALIGNING TOP ROLLER BEARING INCLUDING		
DECK FLANGE AND VERTICAL ROLLER BEARING:		
4S030Z	30 mm self-aligning top roller bearing "multi"	550
4S030Z-20	30 mm self-aligning top roller bearing "multi" 5° to 24°	609
4S035Z	35 mm self-aligning top roller bearing "multi"	550
4S035Z-20	35 mm self-aligning top roller bearing "multi" 5° to 24°	609
4S040Z	40 mm self-aligning top roller bearing "multi"	550
4S040Z-20	40 mm self-aligning top roller bearing "multi" 5° to 24°	609
4S050Z	50 mm self-aligning top roller bearing "multi"	731
4S050Z-20	50 mm self-aligning top roller bearing "multi" 5° to 24°	779
4S060Z	60 mm self-aligning top roller bearing "multi"	955

Part No.	Description	Price in Euro
4S060Z-20	60 mm self-aligning top roller bearing "multi" 5° to 21°	1034
4S070Z	70 mm self-aligning top roller bearing "multi"	1439
4S080Z	80 mm self-aligning top roller bearing "multi"	1439
4S080Z-20	80 mm self-aligning top roller bearing "multi" 5° to 21°	1585
4S100Z	100 mm self-aligning top roller bearing "multi"	1878
4S100Z-20	100 mm self-aligning top roller bearing "multi" 5° to 21°	2053
4S120Z	120 mm self-aligning top roller bearing "multi"	2436
4S120Z-20	120 mm self-aligning top roller bearing "multi" 5° to 21°	2671
4S140Z	140 mm self-aligning top roller bearing "multi"	3003
4S140Z-20	140 mm self-aligning top roller bearing "multi" 5° to 21°	3228
4S165Z	165 mm self-aligning top roller bearing "multi"	4929

SELF-ALIGNING TOP ROLLER BEARING INCLUDING DECK FLANGE -

CASTED HOUSING MODEL: (a 46xxx top ring should be added to complete the bearing)

5T040ZS - 5T080ZS	40 to 80 mm self-aligning top roller bearing with deck cover (small housing version)	700
5T070Z - 5T140Z	70 to 140 mm self-aligning top roller bearing with deck cover	951

SELF-ALIGNING TOP ROLLER BEARINGS:

4SF040 - 4SF059	40 to 59 mm self-aligning top roller bearing	550
4SF060 - 4SF079	60 to 79 mm self-aligning top roller bearing	597
4SF080 - 4SF099	80 to 99 mm self-aligning top roller bearing	722
4SF100 - 4SF119	100 to 119 mm self-aligning top roller bearing	838
4SF120 - 4SF139	120 to 139 mm self-aligning top roller bearing	1059
4SF140 - 4SF159	140 to 159 mm self-aligning top roller bearing	1370
4SF160 - 4SF179	160 to 179 mm self-aligning top roller bearing	1627
4SF180 - 4SF199	180 to 199 mm self-aligning top roller bearing	2095
4SF200 - 4SF219	200 to 219 mm self-aligning top roller bearing	2636
4SF220 - 4SF239	220 to 239 mm self-aligning top roller bearing	3228
4SF240 - 4SF259	240 to 259 mm self-aligning top roller bearing	3852
4SF+shaft diameter	259 to 350 mm self-aligning top roller bearing	

4SFI1-12	1½" self-aligning top roller bearing	628
4SFI1-34	1¾" self-aligning top roller bearing	628
4SFI2	2" self-aligning top roller bearing	628
4SFI2-12	2½" self-aligning top roller bearing	678
4SFI3	3" self-aligning top roller bearing	678
4SFI3-12	3½" self-aligning top roller bearing	823

HARKEN REPLACEMENT BEARINGS

7B20	2" - 50,80 mm Harken replacement bearing	421
7B20S	2" - 50,80 mm Harken replacement bearing incl. sleeve	639
7T20	2" - 50,80 mm Harken replacement bearing	517
7T20S	2" - 50,80 mm Harken replacement bearing incl. sleeve	738
7B25	2,5" - 63,50 mm Harken replacement bearing	460
7B25S	2,5" - 63,50 mm Harken replacement bearing incl. sleeve	731
7T25	2,5" - 63,50 mm Harken replacement bearing	555
7T25S	2,5" - 63,50 mm Harken replacement bearing incl. sleeve	824
7B30	3" - 76,20 mm Harken replacement bearing	504
7B30S	3" - 76,20 mm Harken replacement bearing incl. sleeve	818
7T30	3" - 76,20 mm Harken replacement bearing	599
7T30S	3" - 76,20 mm Harken replacement bearing incl. sleeve	917
7B35	3,5" - 88,90 mm Harken replacement bearing	574
7B35S	3,5" - 88,90 mm Harken replacement bearing incl. sleeve	940
7T35	3,5" - 88,90 mm Harken replacement bearing	711
7T35S	3,5" - 88,90 mm Harken replacement bearing incl. sleeve	1076
7B40	4" - 101,60 mm Harken replacement bearing	663
7B40S	4" - 101,60 mm Harken replacement bearing incl. sleeve	1076
7T40	4" - 101,60 mm Harken replacement bearing	849
7T40S	4" - 101,60 mm Harken replacement bearing incl. sleeve	1261
7B45	4,5" - 114,30 mm Harken replacement bearing	780
7B45S	4,5" - 114,30 mm Harken replacement bearing incl. sleeve	1254
7T45	4,5" - 114,30 mm Harken replacement bearing	1010

Part No.	Description	Price in Euro
7T45S	4,5" - 114,30 mm Harken replacement bearing incl. sleeve	1488
TUBE'S		
TU060100	60 mm Ø aluminium tube l=100 mm	25
TU060400	60 mm Ø aluminium tube l=400 mm	34
TU060700	60 mm Ø aluminium tube l=700 mm	45
TU060900	60 mm Ø aluminium tube l=900 mm	49
TU070100	70 mm Ø aluminium tube l=100 mm	23
TU070400	70 mm Ø aluminium tube l=400 mm	36
TU070700	70 mm Ø aluminium tube l=700 mm	47
TU070900	70 mm Ø aluminium tube l=900 mm	51
TU070999	70 mm Ø aluminium tube l=1000 mm	52
TU080100	80 mm Ø aluminium tube l=100 mm	25
TU080400	80 mm Ø aluminium tube l=400 mm	37
TU080700	80 mm Ø aluminium tube l=700 mm	51
TU080900	80 mm Ø aluminium tube l=900 mm	59
TU080999	80 mm Ø aluminium tube l=1000 mm	64
TU090100	90 mm Ø aluminium tube l=100 mm	28
TU090400	90 mm Ø aluminium tube l=400 mm	39
TU090700	90 mm Ø aluminium tube l=700 mm	52
TU090900	90 mm Ø aluminium tube l=900 mm	59
TU090999	90 mm Ø aluminium tube l=1000 mm	62
TU100100	100 mm Ø aluminium tube l=100 mm	31
TU100400	100 mm Ø aluminium tube l=400 mm	42
TU100700	100 mm Ø aluminium tube l=700 mm	58
TU100900	100 mm Ø aluminium tube l=900 mm	75
TU100999	100 mm Ø aluminium tube l=1000 mm	81
TU110100	110 mm Ø aluminium tube l=100 mm	34
TU110400	110 mm Ø aluminium tube l=400 mm	47
TU110700	110 mm Ø aluminium tube l=700 mm	64
TU110900	110 mm Ø aluminium tube l=900 mm	81
TU110999	110 mm Ø aluminium tube l=1000 mm	89
TU120100	120 mm Ø aluminium tube l=100 mm	37
TU120400	120 mm Ø aluminium tube l=400 mm	52
TU120700	120 mm Ø aluminium tube l=700 mm	72
TU120900	120 mm Ø aluminium tube l=900 mm	89
TU120999	120 mm Ø aluminium tube l=1000 mm	93
TU130100	130 mm Ø aluminium tube l=100 mm	42
TU130400	130 mm Ø aluminium tube l=400 mm	62
TU140100	140 mm Ø aluminium tube l=100 mm	46
TU140400	140 mm Ø aluminium tube l=400 mm	76
TU140700	140 mm Ø aluminium tube l=700 mm	112
TU140900	140 mm Ø aluminium tube l=900 mm	135
TU140999	140 mm Ø aluminium tube l=1000 mm	145
TU150100	150 mm Ø aluminium tube l=100 mm	47
TU150400	150 mm Ø aluminium tube l=400 mm	88
TU150700	150 mm Ø aluminium tube l=700 mm	125
TU150999	150 mm Ø aluminium tube l=1000 mm	165
TU160100	160 mm Ø aluminium tube l=100 mm	64
TU160400	160 mm Ø aluminium tube l=400 mm	105
TU160700	160 mm Ø aluminium tube l=700 mm	148
TU160900	160 mm Ø aluminium tube l=900 mm	186

Part No.	Description	Price in Euro
TU160999	160 mm Ø aluminium tube l=1000 mm	203
TU180100	180 mm Ø aluminium tube l=100 mm	78
TU180400	180 mm Ø aluminium tube l=400 mm	134
TU180700	180 mm Ø aluminium tube l=700 mm	205
TU200100	200 mm Ø aluminium tube l=100 mm	142
TU200200	200 mm Ø aluminium tube l=200 mm	192
TU200400	200 mm Ø aluminium tube l=400 mm	271
TU200500	200 mm Ø aluminium tube l=500 mm	314
TU216100	216 mm Ø aluminium tube l=100 mm	142
TU216400	216 mm Ø aluminium tube l=400 mm	310
TU216700	216 mm Ø aluminium tube l=700 mm	389
TU216900	216 mm Ø aluminium tube l=900 mm	502
TU.....	Other dimensions	
GAITERS FOR SEALING OF RUDDER SYSTEM:		
Diameter of rudder shaft is variable.		
GA060...	Gaiter for sealing ... mm rudder shaft, diameter tube is 60 mm	67
GA070...	Gaiter for sealing ... mm rudder shaft, diameter tube is 70 mm	67
GA080...	Gaiter for sealing ... mm rudder shaft, diameter tube is 80 mm	67
GA090...	Gaiter for sealing ... mm rudder shaft, diameter tube is 90 mm	67
GA100...	Gaiter for sealing ... mm rudder shaft, diameter tube is 100 mm	67
GA110...	Gaiter for sealing ... mm rudder shaft, diameter tube is 110 mm	67
GA120...	Gaiter for sealing ... mm rudder shaft, diameter tube is 120 mm	76
GA130...	Gaiter for sealing ... mm rudder shaft, diameter tube is 130 mm	90
GA140...	Gaiter for sealing ... mm rudder shaft, diameter tube is 140 mm	90
GA150...	Gaiter for sealing ... mm rudder shaft, diameter tube is 150 mm	100
GA160...	Gaiter for sealing ... mm rudder shaft, diameter tube is 160 mm	100
GA170...	Gaiter for sealing ... mm rudder shaft, diameter tube is 170 mm	115
GA180...	Gaiter for sealing ... mm rudder shaft, diameter tube is 180 mm	115
GA200...	Gaiter for sealing ... mm rudder shaft, diameter tube is 200 mm	127
GA210...	Gaiter for sealing ... mm rudder shaft, diameter tube is 210 mm	127
GA216...	Gaiter for sealing ... mm rudder shaft, diameter tube is 216 mm	158
GA220...	Gaiter for sealing ... mm rudder shaft, diameter tube is 220 mm	158
GA230...	Gaiter for sealing ... mm rudder shaft, diameter tube is 230 mm	176
GA240...	Gaiter for sealing ... mm rudder shaft, diameter tube is 240 mm	219
GA250...	Gaiter for sealing ... mm rudder shaft, diameter tube is 250 mm	226
GA280...	Gaiter for sealing ... mm rudder shaft, diameter tube is 280 mm	259
GA.....	For other dimensions, please interpolate	
GABOS35	Glue for gaiters, Bostik CONTACT A3, 35 ml	18
PUR LIP SEALS:		
The inner diameter of the PUR seal depends on the shaft diameter.		
PUR035060	PUR lip seal 35 mm rudder shaft x 60 mm outside diameter	52
PUR...070	PUR lip seal ... mm rudder shaft x 70 mm outside diameter	63
PUR...080	PUR lip seal ... mm rudder shaft x 80 mm outside diameter	74
PUR...090	PUR lip seal ... mm rudder shaft x 90 mm outside diameter	78
PUR...100	PUR lip seal ... mm rudder shaft x 100 mm outside diameter	95
PUR...110	PUR lip seal ... mm rudder shaft x 110 mm outside diameter	108
PUR...120	PUR lip seal ... mm rudder shaft x 120 mm outside diameter	122
PUR...130	PUR lip seal ... mm rudder shaft x 130 mm outside diameter	127
PUR...140	PUR lip seal ... mm rudder shaft x 140 mm outside diameter	132
PUR...150	PUR lip seal ... mm rudder shaft x 150 mm outside diameter	172
PUR...160	PUR lip seal ... mm rudder shaft x 160 mm outside diameter	182
PUR...170	PUR lip seal ... mm rudder shaft x 170 mm outside diameter	192
PUR...180	PUR lip seal ... mm rudder shaft x 180 mm outside diameter	201
PUR...190	PUR lip seal ... mm rudder shaft x 190 mm outside diameter	215
PUR...200	PUR lip seal ... mm rudder shaft x 200 mm outside diameter	239
PUR...210	PUR lip seal ... mm rudder shaft x 210 mm outside diameter	257

Part No.	Description	Price in Euro
PUR...220	PUR lip seal ... mm rudder shaft x 220 mm outside diameter	274
PUR...230	PUR lip seal ... mm rudder shaft x 230 mm outside diameter	290
PUR...240	PUR lip seal ... mm rudder shaft x 240 mm outside diameter	310
PUR...250	PUR lip seal ... mm rudder shaft x 250 mm outside diameter	328
PUR...260	PUR lip seal ... mm rudder shaft x 260 mm outside diameter	343
PUR...270	PUR lip seal ... mm rudder shaft x 270 mm outside diameter	411
PUR...280	PUR lip seal ... mm rudder shaft x 280 mm outside diameter	479
PUR...290	PUR lip seal ... mm rudder shaft x 290 mm outside diameter	547
PUR...300	PUR lip seal ... mm rudder shaft x 300 mm outside diameter	617
PUR.....	For other dimensions, please interpolate	
VERTICAL LOCKING RINGS:		
46030 - 46039	30 to 39 mm locking ring, o.d. 64 mm, thickness 20 mm.	69
46040 - 46054	40 to 54 mm locking ring, o.d. 78 mm, thickness 20 mm.	79
46055 - 46064	55 to 64 mm locking ring, o.d. 88 mm, thickness 20 mm.	92
46065 - 46067	65 to 67 mm locking ring, o.d. 98 mm, thickness 20 mm.	115
46068 - 46074	68 to 74 mm locking ring, o.d. 108 mm, thickness 20 mm.	125
46075 - 46086	75 to 86 mm locking ring, o.d. 118 mm, thickness 20 mm.	137
46087 - 46092	87 to 92 mm locking ring, o.d. 128 mm, thickness 25 mm.	182
46093 - 46105	93 to 105 mm locking ring, o.d. 138 mm, thickness 25 mm.	213
46106 - 46115	106 to 115 mm locking ring, o.d. 148 mm, thickness 25 mm.	246
46116 - 46124	116 to 124 mm locking ring, o.d. 158 mm, thickness 25 mm.	273
46125 - 46134	125 to 134 mm locking ring, o.d. 168 mm, thickness 25 mm.	318
WASHERS WITH BALL TRACK		
WASBA035-055	Washer with ball track 35 mm to 55 mm	99
WASBA060-075	Washer with ball track 60 mm to 75 mm	113
WASBA076-107	Washer with ball track 76 mm to 107 mm	135
WASBA108-120	Washer with ball track 108 mm to 120 mm	165
WASBA121-129	Washer with ball track 121 mm to 129 mm	179
WASBA130-161	Washer with ball track 130 mm to 161 mm	293
WASBA162-220	Washer with ball track 162 mm to 220 mm	353
WASBA221-249	Washer with ball track 221 mm to 249 mm	446
WASBA250-270	Washer with ball track 250 mm to 270 mm	477
TILLER HEADS:		
47025	25 mm tiller head	220
47030	30 mm tiller head	220
47035	35 mm tiller head	220
47040	40 mm tiller head	220
47050	50 mm tiller head	307
47070	70 mm tiller head	388
TILLER HEADS (for stainless steel shafts):		
47025BR	25 mm tiller head with brass tiller block	295
47025-4BR	1" (25,4 mm) tiller head with brass tiller block	295
47030BR	30 mm tiller head with brass tiller block	295
47031-75BR	1 1/4" (31,75 mm) tiller head with brass tiller block	295
47035BR	35 mm tiller head with brass tiller block	295
47040BR	40 mm tiller head with brass tiller block	295
6SP035STP	25-40 mm tiller head stop (for 6D & 6S bearings)	92
6SP050STP	50 mm tiller head stop (for 6D & 6S bearings)	111
STAINLESS STEEL KEYS:		
KEY10060	Stainless key 10 x 10 x 60	10
KEY10100	Stainless key 10 x 10 x 100	11
KEY16080	Stainless key 16 x 10 x 80	35
KEY16100	Stainless key 16 x 10 x 100	35
KEY18080	Stainless key 18 x 11 x 80	39
KEY20080	Stainless key 20 x 12 x 80	48
KEY20120	Stainless key 20 x 12 x 120	56
KEY22080	Stainless key 22 x 14 x 80	61

Part No.	Description	Price in Euro
KEY25140	Stainless key 25 x 14 x 140	115
KEY28120	Stainless key 28 x 16 x 120	115
KEY40150	Stainless key 40 x 22 x 150	233

ALUMINIUM DECK COVERS FOR EMERGENCY TILLERS:		
4C119	Deck cover o.d. 119 mm, i.d. 55 mm	119
4C129	Deck cover o.d. 129 mm, i.d. 65 mm	127
4C168	Deck cover o.d. 168 mm, i.d. 115 mm	200
4C198	Deck cover o.d. 198 mm, i.d. 135 mm	256
4C238	Deck cover o.d. 238 mm, i.d. 175 mm	371
4C293	Deck cover o.d. 293 mm, i.d. 230 mm	549

STAINLESS STEEL SLEEVES:		
SLE030SS - SLE049SS	Stainless steel sleeve 30 mm O.D. to 49 mm O.D.	199
SLE050SS - SLE062SS	Stainless steel sleeve 50 mm O.D. to 62 mm O.D.	235
SLE063SS - SLE070SS	Stainless steel sleeve 63 mm O.D. to 70 mm O.D.	252
SLE071SS - SLE080SS	Stainless steel sleeve 61 mm O.D. to 80 mm O.D.	275
SLE081SS - SLE090SS	Stainless steel sleeve 81 mm O.D. to 90 mm O.D.	318
SLE091SS - SLE100SS	Stainless steel sleeve 91 mm O.D. to 100 mm O.D.	381
SLE101SS - SLE111SS	Stainless steel sleeve 101 mm O.D. to 111 mm O.D.	473
SLE112SS - SLE124SS	Stainless steel sleeve 112 mm O.D. to 124 mm O.D.	599
SLE125SS - SLE139SS	Stainless steel sleeve 125 mm O.D. to 139 mm O.D.	757
SLE140SS - SLE159SS	Stainless steel sleeve 140 mm O.D. to 159 mm O.D.	882
SLE160SS - SLE179SS	Stainless steel sleeve 160 mm O.D. to 179 mm O.D.	1075
SLE180SS - SLE199SS	Stainless steel sleeve 180 mm O.D. to 199 mm O.D.	1549
SLE200SS - SLE223SS	Stainless steel sleeve 200 mm O.D. to 223 mm O.D.	1908
SLE224SS - SLE249SS	Stainless steel sleeve 224 mm O.D. to 249 mm O.D.	2413
SLE250SS - SLE...SS	Stainless steel sleeve above 250 mm O.D.	
ARALDITE	Araldite epoxy glue 24 ml for sleeves.	39

ALUMINIUM ANODISED SLEEVES:		
SLE030AL - SLE049AL	Aluminium anodised sleeve 30 mm O.D. to 49 mm O.D.	165
SLE050AL - SLE062AL	Aluminium anodised sleeve 50 mm O.D. to 62 mm O.D.	180
SLE063AL - SLE070AL	Aluminium anodised sleeve 63 mm O.D. to 70 mm O.D.	188
SLE071AL - SLE080AL	Aluminium anodised sleeve 71 mm O.D. to 80 mm O.D.	196
SLE081AL - SLE090AL	Aluminium anodised sleeve 81 mm O.D. to 90 mm O.D.	220
SLE091AL - SLE100AL	Aluminium anodised sleeve 91 mm O.D. to 100 mm O.D.	235
SLE101AL - SLE112AL	Aluminium anodised sleeve 101 mm O.D. to 112 mm O.D.	263
SLE113AL - SLE124AL	Aluminium anodised sleeve 113 mm O.D. to 124 mm O.D.	287
SLE125AL - SLE139AL	Aluminium anodised sleeve 125 mm O.D. to 139 mm O.D.	342
SLE140AL - SLE159AL	Aluminium anodised sleeve 140 mm O.D. to 159 mm O.D.	425
SLE160AL - SLE179AL	Aluminium anodised sleeve 160 mm O.D. to 179 mm O.D.	539
SLE180AL - SLE199AL	Aluminium anodised sleeve 180 mm O.D. to 199 mm O.D.	654
SLE200AL - SLE223AL	Aluminium anodised sleeve 200 mm O.D. to 223 mm O.D.	767
SLE224AL - SLE249AL	Aluminium anodised sleeve 224 mm O.D. to 249 mm O.D.	857
SLE250AL - SLE...AL	Aluminium anodised sleeve above 250 mm O.D.	
ARALDITE	Araldite epoxy glue 24 ml for sleeves.	39

EMERGENCY TILLERS:		
EMT-25	Multi position-foldable emergency tiller for 25mm hole	164
EMT-35	Multi position-foldable emergency tiller for 35mm hole	164
EMT-40	Multi position-foldable emergency tiller for 40mm hole	164
EMT-50	Multi position-foldable emergency tiller for 50mm hole	164
EM42035Z	Emergency tiller for 25mm hole in top of stock (type 1)	127
EM42050Z	Emergency tiller for 35mm hole in top of stock (type 1)	139
EM42060Z	Emergency tiller for 40mm hole in top of stock (type 1)	139
EM42080Z	Emergency tiller for 50mm hole in top of stock (type 1)	162

JEFA CRUISING RUDDER BLADES (excluding rudder stock) :		
RUD26	GRP rudder blade 0.49 m ² , volume 20.3 dm ³	1538
RUD29	GRP rudder blade 0.55 m ² , volume 24.3 dm ³	1637
RUD30	GRP rudder blade 0.55 m ² , volume 26.3 dm ³	1637

Part No.	Description	Price in Euro
RUD31	GRP rudder blade 0.60 m ² , volume 28.3 dm ³	1675
RUD32	GRP rudder blade 0.65 m ² , volume 32.7 dm ³	1880
RUD33	GRP rudder blade 0.70 m ² , volume 32.8 dm ³	1880
RUD34	GRP rudder blade 0.70 m ² , volume 39.3 dm ³	1880
RUD35	GRP rudder blade 0.59 m ² , volume 27.7 dm ³	1880
RUD36	GRP rudder blade 0.87 m ² , volume 46.0 dm ³	1967
RUD40	GRP rudder blade 0,92 m ² , volume 56.7 dm ³	1967
RUD46	GRP rudder blade 1.11 m ² , volume 77.0 dm ³	2475
RUD55	GRP rudder blade 1.45 m ² , volume 101 dm ³	2786
RUD70	GRP rudder blade 2.17 m ² , volume 208 dm ³	3870
RUD-MOD	Modification to rudder mold	466
RUD-MOD-S	Simple modification to rudder mold (straight line in top or bottom)	247
JEFA RACING RUDDER BLADES (excluding rudder stock) :		
RUD28R	GRP rudder blade 0.37 m ² , volume 10.2 dm ³	1530
RUD30R	GRP rudder blade 0.53 m ² , volume 20.7 dm ³	1567
RUD31R	GRP rudder blade 0.48 m ² , volume 14.1 dm ³	1567
RUD32R	GRP rudder blade 0.69 m ² , volume 34.3 dm ³	1699
RUD33R	GRP rudder blade 0.61 m ² , volume 20.3 dm ³	1719
RUD35R	GRP rudder blade 0.75 m ² , volume 28.6 dm ³	1931
RUD36R	GRP rudder blade 0.69 m ² , volume 30.4 dm ³	1931
RUD39R	GRP rudder blade 0.80 m ² , volume 34.4 dm ³	1967
RUD44R	GRP rudder blade 0.95 m ² , volume 46.0 dm ³	2348
RUD45R	GRP rudder blade 1,03 m ² , volume 51,1 dm ³	2475
RUD48R	GRP rudder blade 1.14 m ² , volume 64.1 dm ³	2506
RUD-MOD	Modification to rudder mold	466
RUD-MOD-S	Simple modification to rudder mold (straight line in top or bottom)	247
JEFA CATAMARAN RUDDER BLADES (excluding rudder stock) :		
RUDCAT45	GRP rudder blade 0.57 m ² , volume 25.0 dm ³	1650
RUDCAT50	GRP rudder blade 0.72 m ² , volume 30.9 dm ³	1789
RUDCAT55	GRP rudder blade 0.92 m ² , volume 44.0 dm ³	1981
RUD-MOD	Modification to rudder mold	466
RUD-MOD-S	Simple modification to rudder mold (straight line in top or bottom)	247
GRP TILLERS:		
TIL-GRP1	Tiller in GRP, black painted, 1000mm long (without tiller head)	890