



HIGH WEAR RESISTANT PIPELINES FOR CONCRETE PUMPING SYSTEMS



CATALOG

- **75 YEARS IN OPERATION**
- **PRECISION-ENGINEERED**
- **SAFE & RELIABLE**
- **MADE IN GERMANY**

ESSERTWINPIPES.COM

TRUCK MOUNTED CONCRETE PUMPS

ESSER STANDARD WEIGHT BOOM PIPELINES

ESSER 400

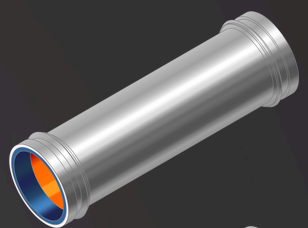
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ESSER TWIN 700

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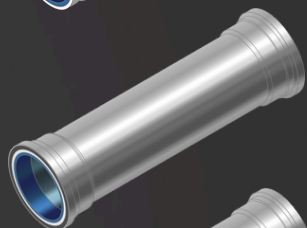
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ESSER TWIN PU

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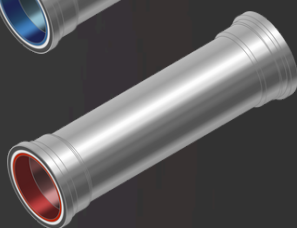
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ESSER TWIN 700

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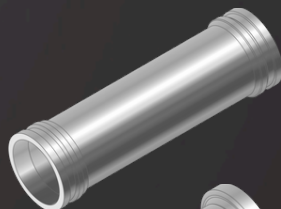
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ESSER TWIN 900

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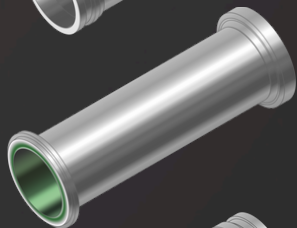
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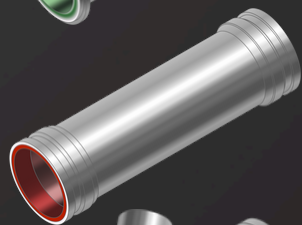
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ESSER 400

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ESSER TWIN 900

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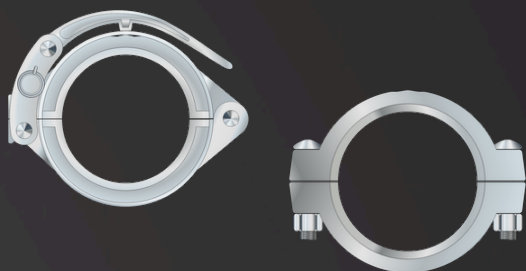
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ESSER 160

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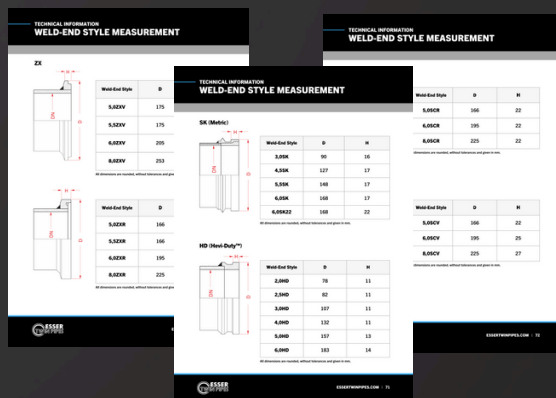
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PLEASE NOTE:

The ESSER numbering system for drawings, raw materials, assemblies, sales and trade goods have the following structure:
X-XXXX-XXX-XXXX-XX

Please note that the number master of a parts group may differ from the number of an associated individual item. The catalog number given does not always correspond to the number of a specific pipe length, particularly in the case of different lengths of a pipe type.

For inquiries or orders for straight pipes of a specific type, please always state the specified catalog number and the required length in millimeters.



THE ESSER SERIES

THREE PERFORMANCE OPTIONS



ESSER 400

- COST EFFECTIVE
- BEST PERFORMANCE
- EASY INSTALLATION

Single-layer, internally hardened pipe system for hydraulic and pneumatic conveying of slightly abrasive media. The pipes and elbows are internally hardened up to 50 HRC. The hardness decreases linearly from the inside to the outside.



ESSER TWIN 700

- PROVEN FOR YEARS
- EXCELLENT PERFORMANCE
- STANDARD WORLDWIDE

Two-layer pipe system for hydraulic and pneumatic conveying of abrasive material. The inner pipe is evenly hardened to 63 HRC. The outer pipe is pressure-bearing and protects the inner wear layer from acting torsional or bending forces. In use since 1980 and constantly improved.



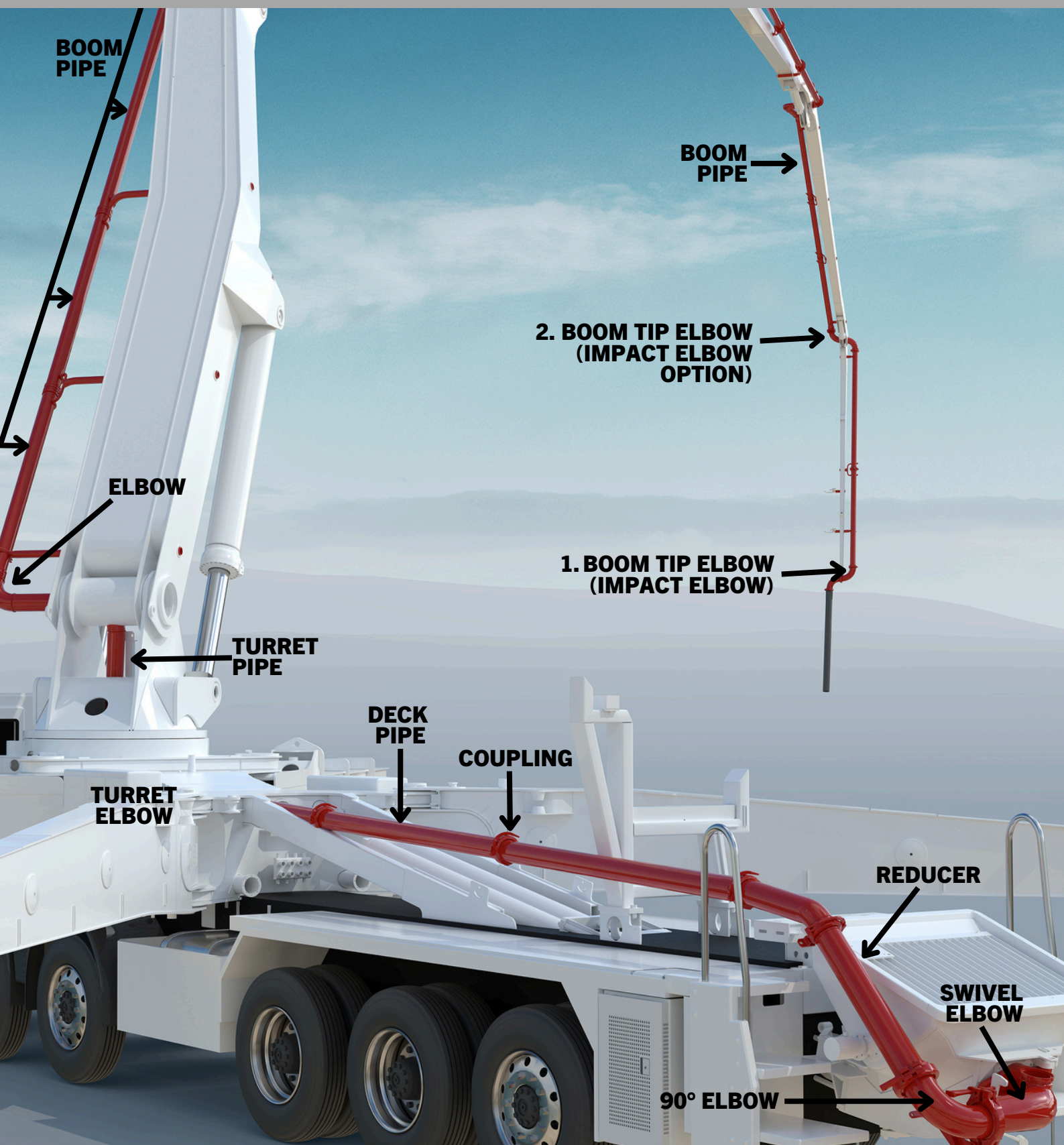
ESSER TWIN 900

- MADE FOR HARSH CONDITIONS
- EXCEPTIONAL PERFORMANCE
- LONG SERVICE LIFE

Two-layer pipe system for hydraulic and pneumatic conveying of high abrasive material and long operating times. Inner wear layer hard up to 67 HRC. Bends equipped with CCI chilled cast iron sleeves.

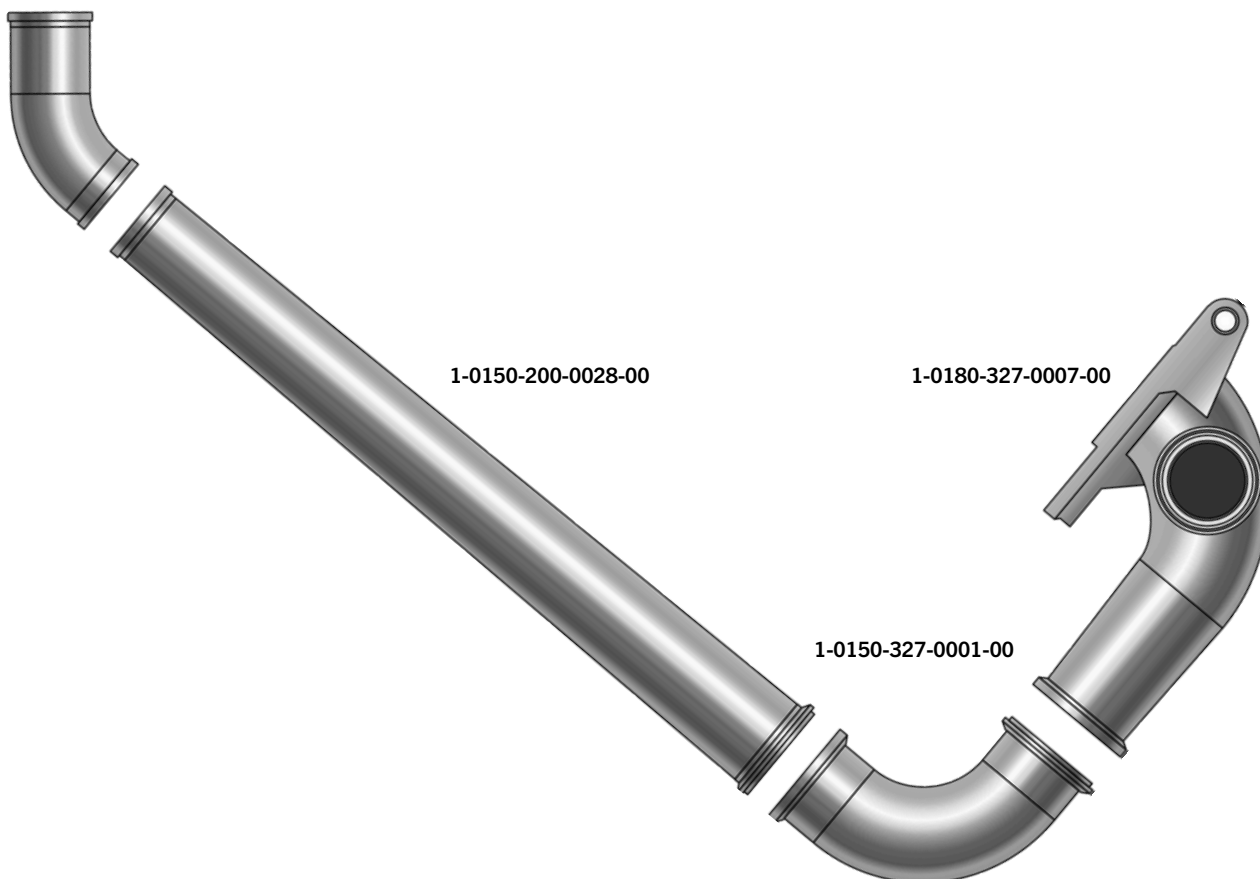
CONCRETE

TRUCK MOUNTED CONCRETE PUMPS / TRUCK MIXER CONCRETE PUMPS



Matching to Putzmeister machines

1-0125-327-0023-00



Single layer, hardened components made of hardened steel or manganese cast. Working pressure 85 bar / test pressure 170 bar. Pipes dimensions and weld-ends matching to Putzmeister pipeline systems.

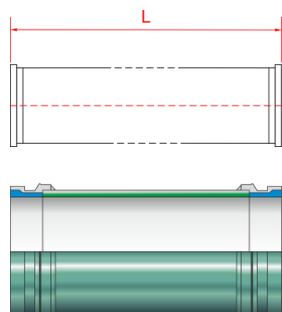
Part No. / Drawing Reference	Matching to OEM Part. No.	Description	Dimension	Ends Style (inlet – outlet)	Weight net kg
1-0180-327-0007-00	Putzmeister 417730	DN180 Swivel Elbow	90°	PM – 6,0ZXR	80,0
1-0150-327-0001-00	Putzmeister 409484	DN150 Elbow	90°	6,0ZXV – 6,0ZXR	28,2
1-0150-200-0028-00	Putzmeister 275104003	DN150-125 Reducer	1200 mm	6,0ZXV – 5,5SK	37,5
1-0125-327-0023-00	Putzmeister 414252	DN125 Elbow with extension	45°	5,5SK – 5,5SK (148 mm Metric)	15,8

Other reducer lengths, elbows, and end style designs available on request.

View weld END STYLES AND MEASUREMENTS

DECK PIPES

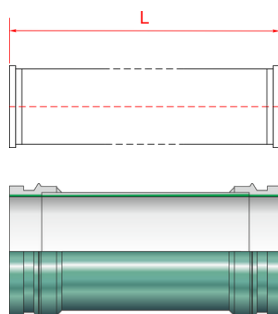
Single layer, hardened pipes up to 50 HRC. Thick-walled version for the deck of the concrete pump. Available in nominal sizes DN100 and DN125. Working pressure 85 bar / test pressure 170 bar.



Nominal Diameter	Part No. / Drawing Reference	Wall Thickness mm	Hardness (HRC)	Length mm	Ends Style (inlet – outlet)	Weight net kg	F.W.C. Weight kg / m
100	1-0100-108-0020-03	7,1	Up to 50	3000	4,5SK – 4,5SK (127 mm Metric)	57,2	38,0
100	1-0100-108-0020-00	7,1	Up to 50	100 < L < 6000	4,5SK – 4,5SK (127 mm Metric)	variable	38,0
125	1-0125-108-0013-01	7,1	Up to 50	3000	5,5SK – 5,5SK (148 mm Metric)	71,0	52,9
125	1-0125-108-0013-00	7,1	Up to 50	100 < L < 6000	5,5SK – 5,5SK (148 mm Metric)	Variable	52,9

BOOM PIPES

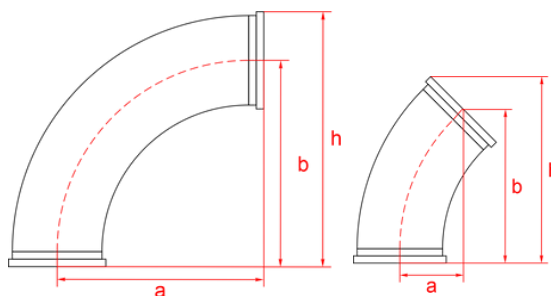
Single layer, hardened pipes up to 50 HRC. Lightweight design for the boom of the concrete pump. Available in nominal sizes DN100 and DN125. Working pressure 85 bar / test pressure 170 bar.



Nominal Diameter	Part No. / Drawing Reference	Wall Thickness	Hardness (HRC)	Length mm	Ends Style (inlet – outlet)	Weight net kg	F.W.C. Weight kg / m
100	1-0100-108-0007-01	4,0	Up to 50	3000	4,5SK – 4,5SK (127 mm Metric)	32,6	30,1
100	1-0100-108-0007-00	4,0	Up to 50	100 < L < 6000	4,5SK – 4,5SK (127 mm Metric)	variable	30,1
125	1-0125-108-0017-01	4,0	Up to 50	3000	5,5SK – 5,5SK (148 mm Metric)	40,2	42,8
125	1-0125-108-0017-00	4,0	Up to 50	100 < L < 6000	5,5SK – 5,5SK (148 mm Metric)	Variable	42,8

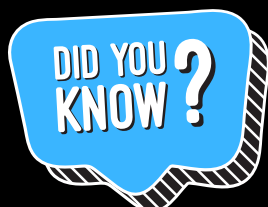
ELBOWS

Manganese cast elbows with reinforced back. Machine reworked weld-ends for higher fitting accuracy. Hardness up to 50 HRC. Working pressure 85 bar / test pressure 170 bar.



Nominal Diameter	Part No. / Drawing Reference	Degree°	Ends Style (inlet – outlet)	Dimension (a x b) mm	Height (h) mm	Weight net kg
100	1-0100-327-0003-00	90	4,5SK – 4,5SK (127 mm Metric)	275 x 275	339	12,6
100	1-0100-327-0005-00	90	4,5SK – 4,5SK (127 mm Metric)	180 x 180	244	9,0
100	1-0100-327-0002-00	45	4,5SK – 4,5SK (127 mm Metric)	81 x 195	240	6,0
125	1-0125-327-0018-00	90	5,5SK – 5,5SK (148 mm Metric)	275 x 275	349	15,8
125	1-0125-327-0019-00	90	5,5SK – 5,5SK (148 mm Metric)	180 x 180	254	12,2
125	1-0125-327-0030-00	52,5	5,5SK – 5,5SK (148 mm Metric)	129 x 262	321	14
125	1-0125-327-0021-00	45	5,5SK – 5,5SK (148 mm Metric)	81 x 195	246	8,4
125	1-0125-327-0025-00	32,5	5,5SK – 5,5SK (148 mm Metric)	61 x 210	250	7,7
125	1-0125-327-0020-00	30	5,5SK – 5,5SK (148 mm Metric)	44 x 163	200	5,3

View weld END STYLES AND MEASUREMENTS



THERE ARE TWO WAYS TO IDENTIFY PIPE COMPONENTS. PLEASE SELECT ONE IF YOU INTEND TO PLACE AN INQUIRY OR ORDER WITH US:

1

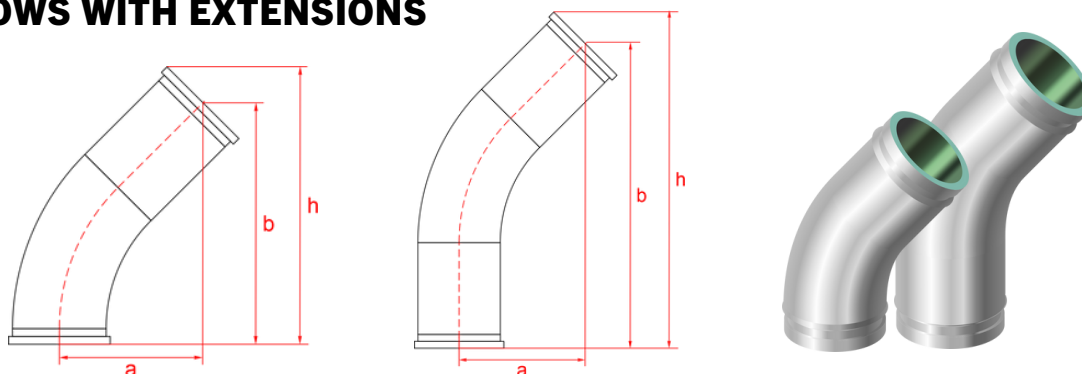
Does the pipe component have a label? Send us a photo or provide us with the data in writing. Especially ESSER part number and pump manufacturer's part number are important for identifying.

2

Make a copy of the piping plan and the corresponding parts list from the operator's manual of your concrete pump. You are also welcome to send these to us by email to sales@esser-werke.de.

ESSER 400 – ELBOWS WITH EXTENSIONS

ELBOWS WITH EXTENSIONS



Nominal Diameter	Part No. / Drawing Reference	Note	Degree°	Ends Style (inlet – outlet)	Dimension (a x b) mm	Height (h) mm	Weight net kg
125	1-0125-327-0031-00	1 Ext.	50	5,5SK – 5,5SK (148 mm Metric)	98 x 306	389	12,1
125	1-0125-327-0023-00	1 Ext.	45	5,5SK – 5,5SK (148 mm Metric)	221 x 337	427	15,8
125	1-0125-327-0022-00	2 Ext.	45	5,5SK – 5,5SK (148 mm Metric)	155 x 375	427	16,8

REDUCERS FOR THE DECK

Inlet Nominal Diameter	Outlet Nominal Diameter	Part No. / Drawing Reference	Matching to	Ends Style (inlet – outlet)	Length mm
150	125	1-0150-200-0028-02	Putzmeister ZX	6,0ZXV – 5,0SK	1200
150	125	1-0150-200-0029-04	Schwing SC	6,0SCR – 5,5SK	1600
150	125	1-0150-200-0029-07	Schwing SC	6,0SCR – 5,5SK	1550
150	125	1-0150-200-0029-09	Schwing SC	6,0SCR – 5,5SK	1500
150	125	1-0150-200-0029-02	Schwing SC	6,0SCR – 5,5SK	1330

Other lengths and weld-end styles upon request.

View weld END STYLES AND MEASUREMENTS



1-0150-200-0029-00

LEARN HOW THE **ESSER IMPACT ELBOW** LASTS LONGER

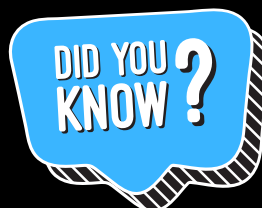
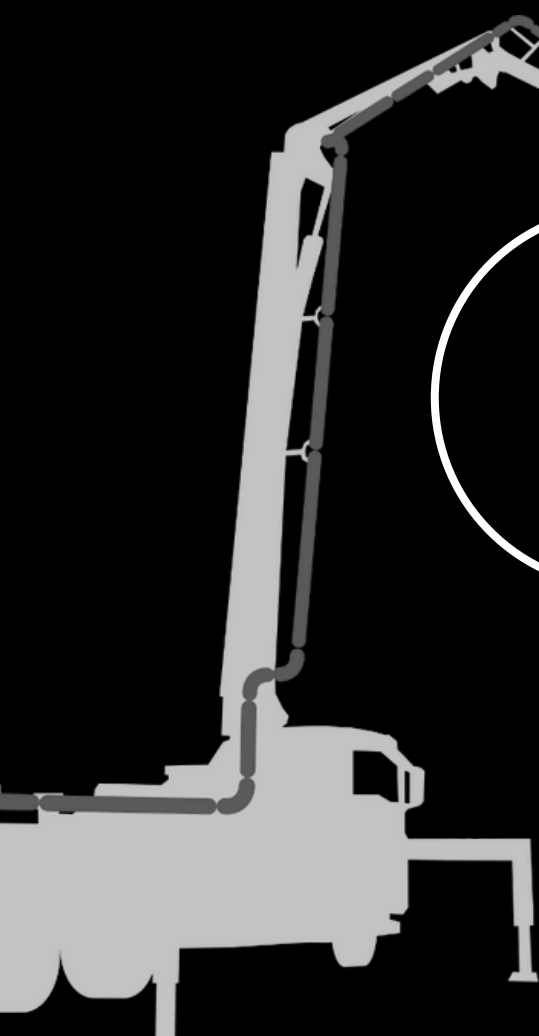




One-layer elbow for heavy wear load situations.
Inner wear layer with a thicker wall in the back.
Working pressure 85 bar / test pressure 170 bar.

Nominal Diameter	Part No. / Drawing Reference	Note	Degree°	Ends Style (inlet – outlet)	Dimension (a x b) mm	Height (h) mm	Weight net kg
125	1-0125-327-0024-00	Impact Elbow	90	5,5SK – 5,5SK (148 mm Metric)	275 x 275	349	20,1

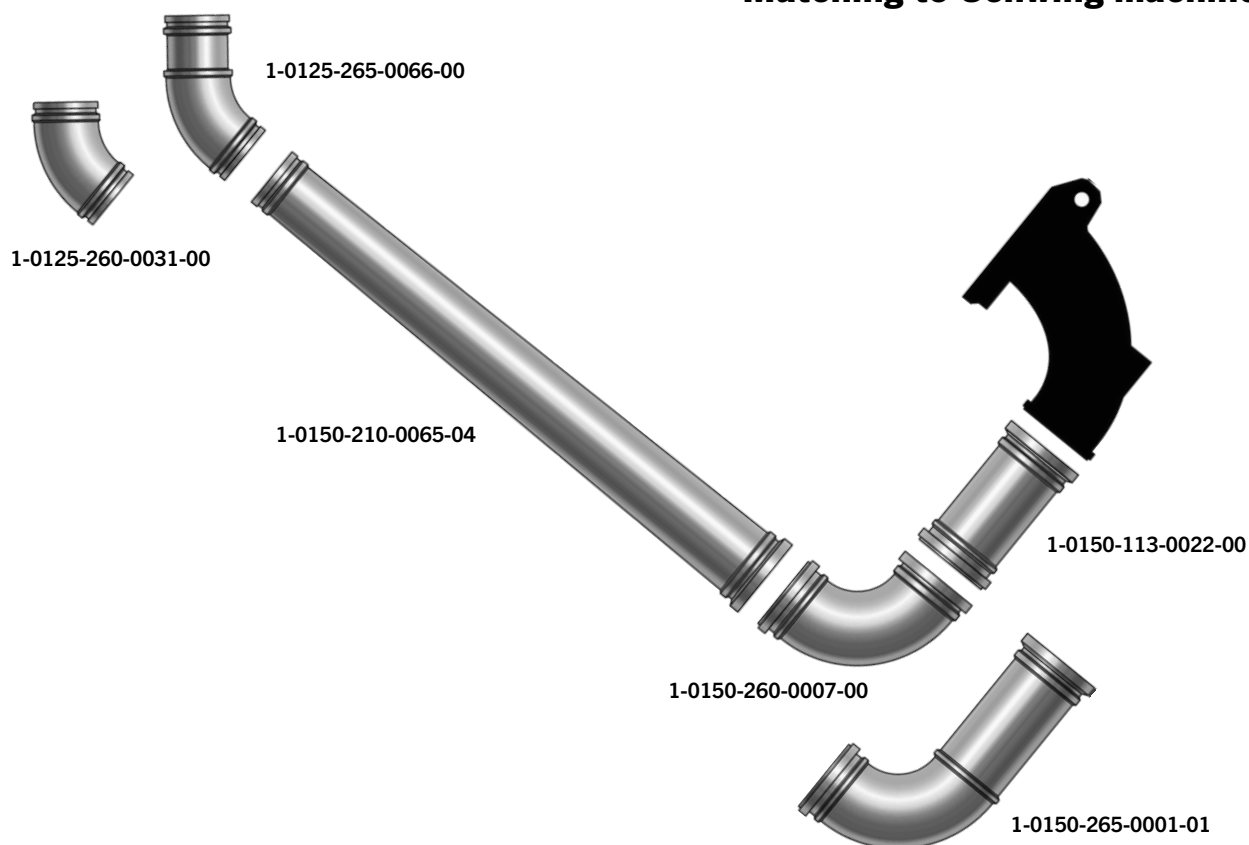
View weld END STYLES AND MEASUREMENTS



THE SECOND LAST ELBOW IN THE BOOM IS EXPOSED TO EXTREMELY HIGH WEAR.

In most boom positions, the last and next to the last boom arm are showing downwards. The concrete flow will interrupt and the concrete falls vertically into this elbow. That causes an extremely high impact wear. We recommend using one impact elbow for pumps up to three boom arms. By four and more boom arms two impact elbows should be used.

Matching to Schwing machines



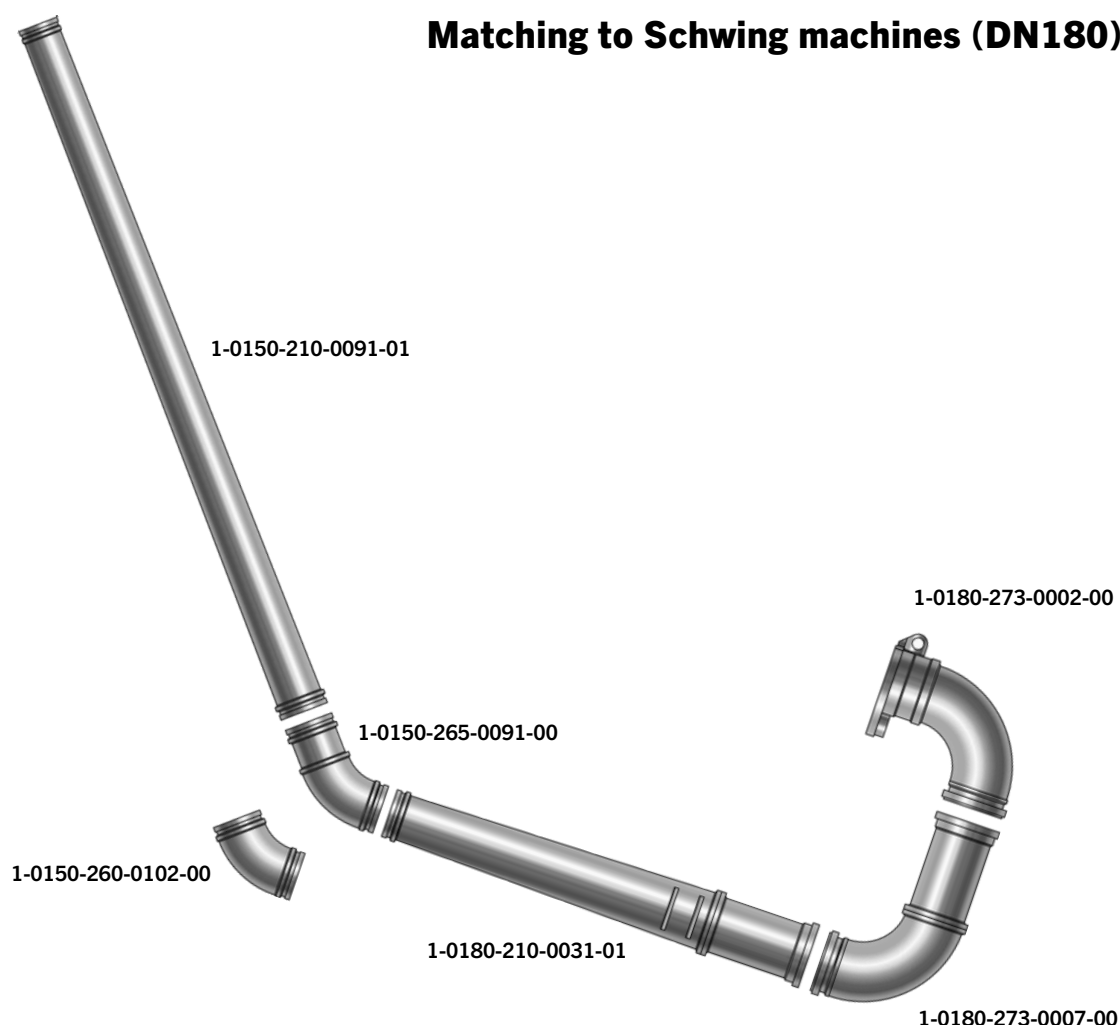
Two-layer pipes. Inner wear layer uniformly through-hardened to 63 HRC. Working pressure 85 bar / test pressure 170 bar. Pipes dimensions and weld ends matching to Schwing pipeline systems.

Part No. / Drawing Reference	Matching to OEM Part. No.	Description	Dimension	Ends Style (inlet – outlet)	Weight net kg
1-0150-113-0022-00	Schwing 10203490	DN150 Pipe	340 mm	6,0SCR – 6,0SCV	18,6
1-0150-260-0007-00	Schwing 10091923	DN150 Elbow	90°	6,0SCR – 6,0SCV	17,4
1-0150-265-0001-01	Schwing 10088450	DN150 Elbow with extention	90°	6,0SCR – 6,0SCV	24,8
1-0150-210-0065-04	Schwing 10085710	DN150-125 Reducer	1600 mm	6,0SCR – 5,5SK	49,0
1-0125-260-0031-00	Schwing 10081211	DN125 Elbow	45°	5,5SK – 5,5SK (148 mm Metric)	7,9
1-0125-265-0066-00	Schwing 10150592	DN125 Elbow with extension	50°	5,5SK – 5,5SK (148 mm Metric)	12,1

Other reducer lengths, elbows, and end style designs available on request.

View weld END STYLES AND MEASUREMENTS

Matching to Schwing machines (DN180)



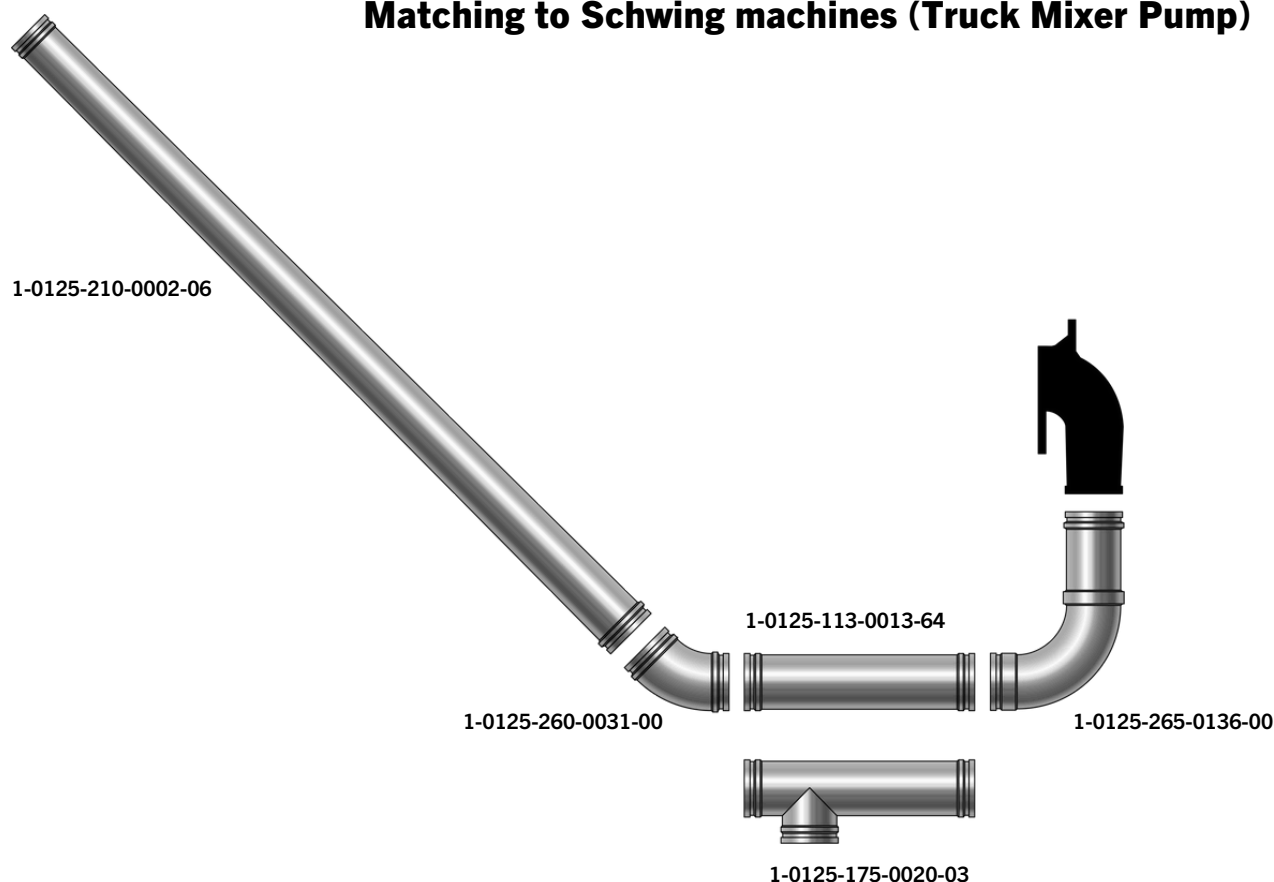
Two-layer pipes. Inner wear layer uniformly through-hardened to 63 HRC. Working pressure 85 bar / test pressure 170 bar. Pipes dimensions and weld ends matching to Schwing pipeline systems.

Part No. / Drawing Reference	Matching to OEM Part. No.	Description	Dimension	Ends Style (inlet – outlet)	Weight net kg
1-0180-273-0002-00	Schwing 10212934	DN180 Swivel Elbow	90°	8,0SC – 8,0SCV	47,0
1-0180-273-0007-00	Schwing 10304176	DN180 Elbow with extension	90°	8,0SCR – 8,0SCV	43,0
1-0180-210-0031-01	Schwing 98399036	DN180/150 Reducer	1500 mm	8,0SCR – 6,0SK	58,9
1-0150-265-0091-00	Schwing 98477417	DN150 Elbow with extension	50°	6,0SK – 6,0SK (168 mm Metric)	18,7
1-0150-260-0102-00	Schwing 10187184	DN125 Elbow	45°	6,0SK – 6,0SK (168 mm Metric)	7,9
1-0150-210-0091-01	Schwing 10201657	DN150-125 Reducer	2500 mm	6,0SK – 5,5SK	12,1

Other reducer lengths, elbows, and end style designs available on request.

View weld END STYLES AND MEASUREMENTS

Matching to Schwing machines (Truck Mixer Pump)



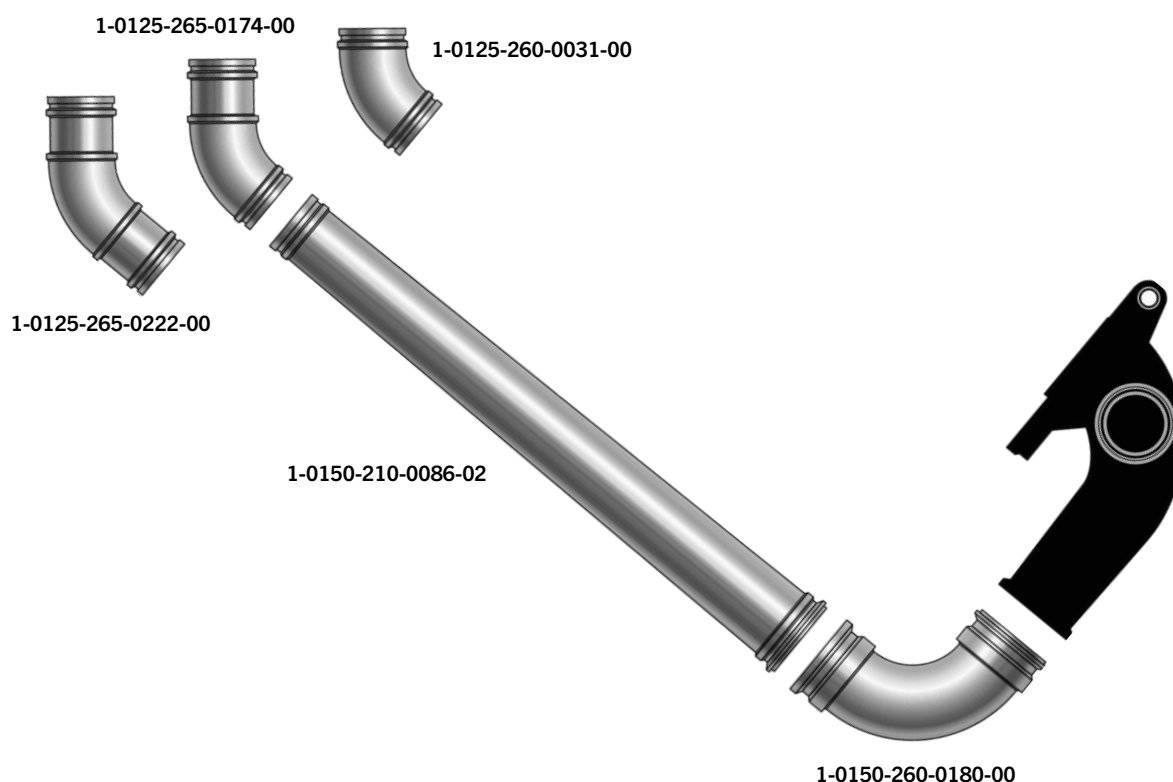
Two-layer pipes. Inner wear layer uniformly through-hardened to 63 HRC. Working pressure 85 bar / test pressure 170 bar. Pipes dimensions and weld ends matching to Schwing pipeline systems.

Part No. / Drawing Reference	Matching to OEM Part. No.	Description	Dimension	Ends Style (inlet – outlet)	Weight net kg
1-0125-265-0136-00	Schwing 10195556	DN125 Elbow with extension	90°	5,5SK – 5,5SK (148 mm Metric)	22,8 kg
1-0125-113-0013-64	Schwing 10053634	DN125 Pipe	560 mm	5,5SK – 5,5SK (148 mm Metric)	9,9 kg
1-0125-175-0020-03	Schwing 10302998	DN125 Branch	560 mm	5,5SK – 5,5SK (148 mm Metric)	19,5 kg
1-0125-260-0031-00	Schwing 10081211	DN125 Elbow	45°	5,5SK – 5,5SK (148 mm Metric)	7,9 kg
1-0125-210-0002-06	Schwing 10095117	DN125-100 Reducer	3000 mm	5,5SK – 4,5SK (148 mm to 127 mm Metric)	72,0 kg

Other reducer lengths, elbows, and end style designs available on request.

View weld END STYLES AND MEASUREMENTS

Matching to Putzmeister machines



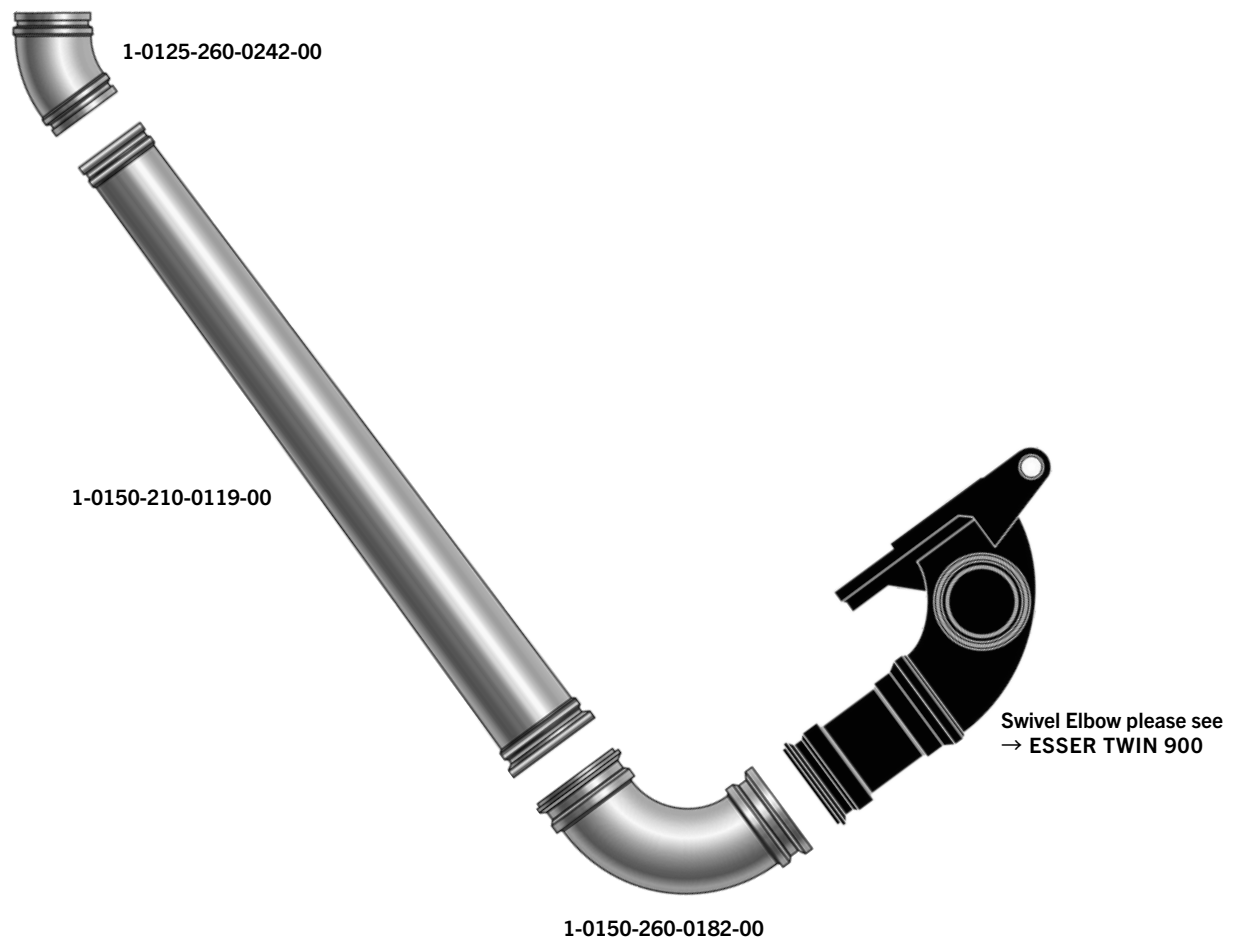
Two-layer pipes. Inner wear layer uniformly through-hardened to 63 HRC. Working pressure 85 bar / test pressure 170 bar. Pipes dimensions and weld ends matching to Putzmeister pipeline systems.

Part No. / Drawing Reference	Matching to OEM Part. No.	Description	Dimension	Ends Style (inlet – outlet)	Weight net kg
1-0150-260-0180-00	Putzmeister 422189	DN150 Elbow	90°	6,0ZXV – 6,0ZXR	22,0 kg
1-0150-210-0086-02	Putzmeister 277401005	DN150-125 Reducer	1200 mm	6,0ZXR – 5,5SK	37,5 kg
1-0125-260-0031-00	Putzmeister 224032401	DN125 Elbow	45°	5,5SK – 5,5SK (148 mm Metric)	7,9 kg
1-0125-265-0174-00	Putzmeister cf. 414252	DN125 Elbow with extension	45°	5,5SK – 5,5SK (148 mm Metric)	15,1 kg
1-0125-265-0222-00	Putzmeister 530217	DN125 Elbow with 2 extensions	45°	5,5SK – 5,5SK (148 mm Metric)	14,2 kg

Other reducer lengths, elbows, and end style designs available on request.

View weld END STYLES AND MEASUREMENTS

Matching to Liebherr machines



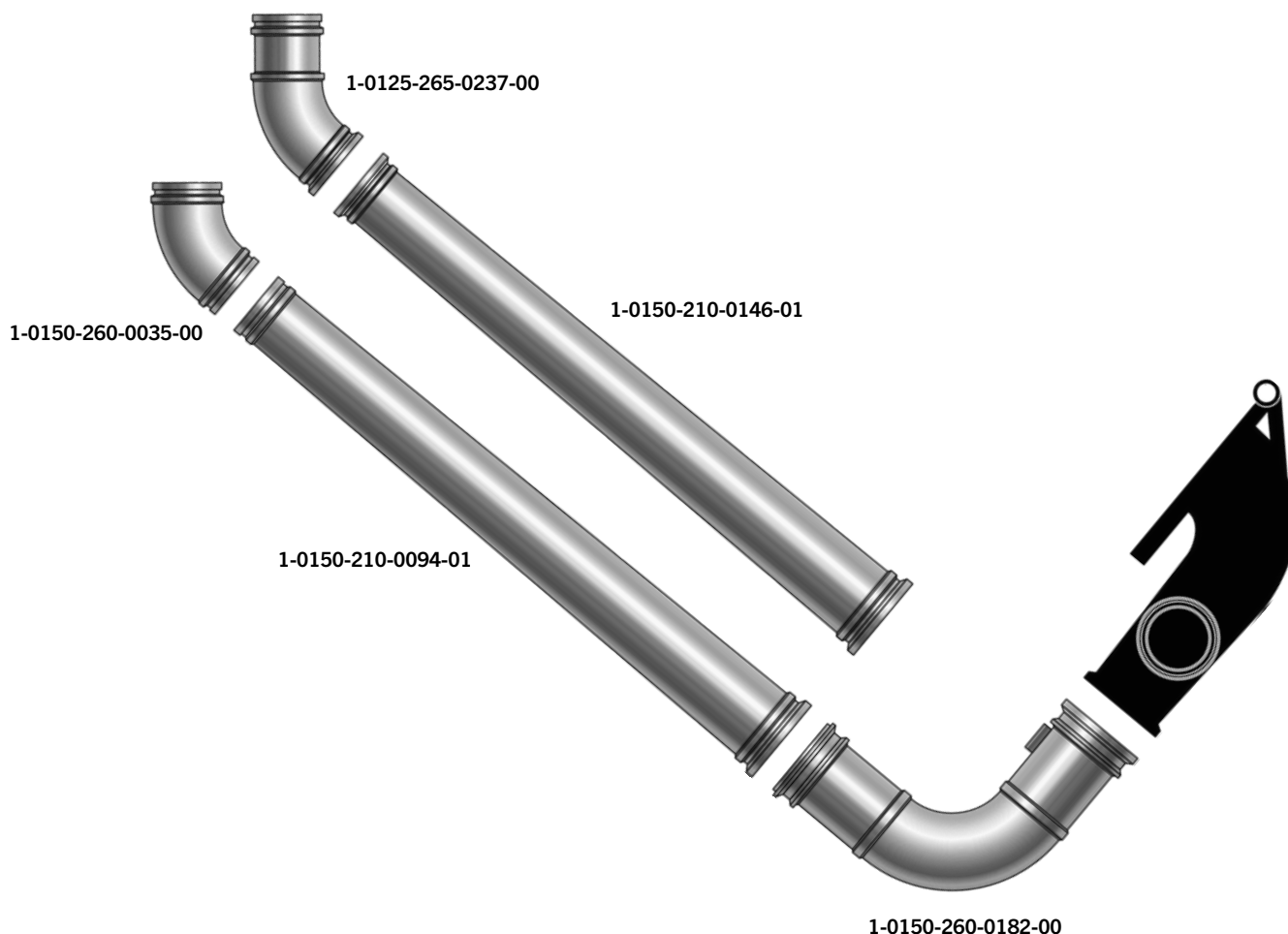
Two-layer pipes. Inner wear layer uniformly through-hardened to 63 HRC. Working pressure 85 bar / test pressure 170 bar. Pipes dimensions and weld ends matching to Liebherr pipeline systems.

Part No. / Drawing Reference	Matching to OEM Part. No.	Description	Dimension	Ends Style (inlet – outlet)	Weight net.
1-0150-260-0182-00	Liebherr 12155722	DN150 Elbow	90°	6,0CBR – 6,0CBV	16,0 kg
1-0150-210-0119-00	Liebherr 12663106	DN150-125 Reducer	1500 mm	6,0CBR – 5,5SK	44,8 kg
1-0125-260-0242-00	Liebherr 12745032	DN125 Elbow	36°	5,5SK – 5,5SK (148 mm Metric)	8,2 kg

Other reducer lengths, elbows, and end style designs available on request.

View weld END STYLES AND MEASUREMENTS

Matching to Cifa machines



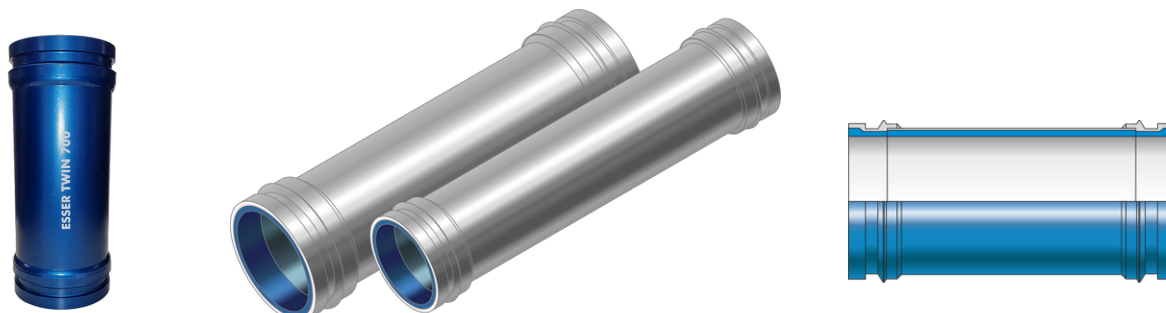
Two-layer pipes. Inner wear layer uniformly through-hardened to 63 HRC. Working pressure 85 bar / test pressure 170 bar. Pipes dimensions and weld ends matching to Cifa pipeline systems.

Part No. / Drawing Reference	Matching to OEM Part. No.	Description	Dimension	Ends Style (inlet – outlet)	Weight net.
1-0150-270-0027-00	Cifa 234277	DN150 Elbow with 2 extensions	90°	6,0CBR – 6,0CBV	34,7 kg
1-0150-210-0094-01	Cifa 235147	DN150-125 Reducer	1286 mm	6,0CBR – 5,5SK	39,0 kg
1-0125-260-0035-00	Cifa 235013	DN125 Elbow	42°	5,5SK – 5,5SK	13,5 kg
1-0150-210-0146-01	Cifa S1026125	DN150-125 Reducer	1285 mm	6,0CBR – 5,0CB	39,3 kg
1-0125-265-0237-00	Cifa S1026121	DN125 Elbow with extension	42°	5,0CBN – 5,5SK	15,4 kg

Other reducer lengths, elbows, and end style designs available on request.

View weld END STYLES AND MEASUREMENTS

DECK PIPES



Two-layer pipes. Inner wear layer uniformly through-hardened to 63 HRC. Thick-walled design for the deck of the concrete pump. Available in nominal sizes DN100 and DN125. Working pressure 85 bar / test pressure 170 bar.

Nominal Diameter	Part No. / Drawing Reference	Wall Thicknessmm (inner+outer wall)	Hardness (HRC)	Length mm	Ends Style (inlet – outlet)	Weight net kg	F.W.C. Weight kg / m
100	1-0100-113-0006-01	7,7 (4,5+3,2)	63	3000	4,5SK – 4,5SK (127 mm Metric)	61,9	39,2
100	1-0100-113-0006-00	7,7 (4,5+3,2)	63	100 < L < 6000	4,5SK – 4,5SK (127 mm Metric)	variable	39,2
125	1-0125-113-0082-92	8,6 (5,6+3,0)	63	3000	5,5SK – 5,5SK (148 mm Metric)	85,2	57,3
125	1-0125-113-0306-00	8,6 (5,6+3,0)	63	100 < L < 6000	5,5SK – 5,5SK (148 mm Metric)	variable	57,3

BOOM PIPES

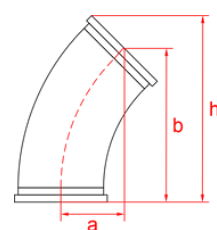
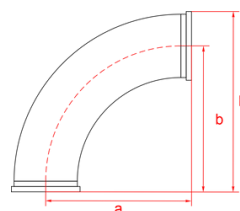


Two-layer pipes. Inner wear layer uniformly through-hardened to 63 HRC. Lightweight version for the boom of the concrete pump. Available in nominal sizes DN100 and DN125. Working pressure 85 bar / test pressure 170 bar.

Nominal Diameter	Part No. / Drawing Reference	Wall Thicknessmm (inner+outer wall)	Hardness (HRC)	Length mm	Ends Style (inlet – outlet)	Weight net kg	F.W.C. Weight kg / m
100	1-0100-113-0009-08	4,0 (2,0+2,0)	63	3000	4,5SK – 4,5SK (127 mm Metric)	33,1	30,2
100	1-0100-113-0009-00	4,0 (2,0+2,0)	63	100 < L < 6000	4,5SK – 4,5SK (127 mm Metric)	variable	30,2
125	1-0125-113-0012-15	4,5(2,5+2,0)	63	3000	5,5SK – 5,5SK (148 mm Metric)	45,2	43,5
125	1-0125-113-0252-00	4,5(2,5+2,0)	63	100 < L < 6000	5,5SK – 5,5SK (148 mm Metric)	variable	43,5
125	1-0125-113-0041-15	4,0(2,0+2,0)	63	3000	5,5SK – 5,5SK (148 mm Metric)	39,9	42,3
125	1-0125-113-0282-00	4,0(2,0+2,0)	63	100 < L < 6000	5,5SK – 5,5SK (148 mm Metric)	variable	42,3

Two-layer elbows. Inner wear layer uniformly through-hardened to 63 HRC.
Available in nominal sizes DN100 and DN125. Working pressure 85 bar / test pressure 170 bar.

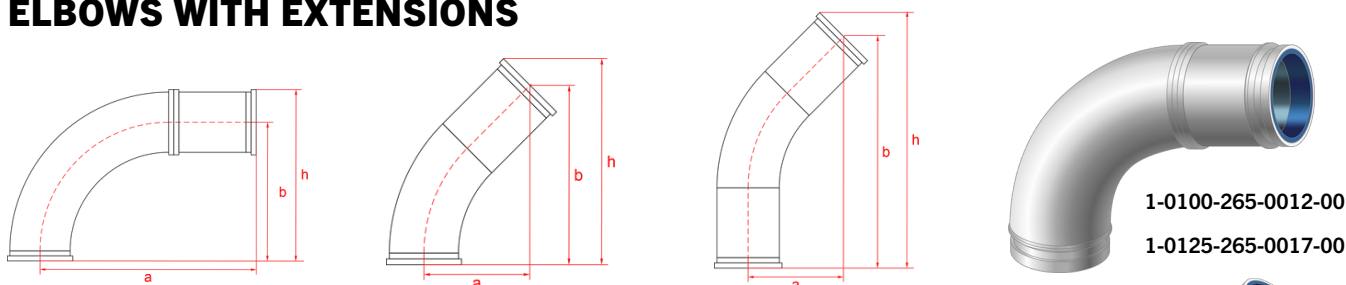
Nominal Diameter	Part No. / Drawing Reference	Degree°	Ends Style (inlet – outlet)	Dimension (a x b) mm	Height (h) mm	Weight net kg
100	1-0100-260-0008-00	90	4,5SK – 4,5SK (127 mm Metric)	275 x 275	339	10,4
100	1-0100-260-0007-00	90	4,5SK – 4,5SK (127 mm Metric)	180 x 180	244	7,7
100	1-0100-260-0005-00	90	4,5SK – 4,5SK (127 mm Metric)	175 x 175	239	7,0
100	1-0100-260-0006-00	90	4,5SK – 4,5SK (127 mm Metric)	170 x 170	234	7,0
100	1-0100-260-0022-00	45	4,5SK – 4,5SK (127 mm Metric)	81 x 195	240	5,8
100	1-0100-260-0105-00	32,5	4,5SK – 4,5SK (127 mm Metric)	61 x 210	244	7,3
100	1-0100-260-0181-00	20	4,5SK – 4,5SK (127 mm Metric)	27 x 151	173	3,5
100	1-0100-290-0006-00	15	4,5SK – 4,5SK (127 mm Metric)	18 x 135	152	4,4
125	1-0125-260-0016-00	90	5,5SK – 5,5SK (148 mm Metric)	275 x 275	349	15,6
125	1-0125-260-0011-00	90	5,5SK – 5,5SK (148 mm Metric)	180 x 180	254	10,3
125	1-0125-260-0272-00	60	5,5SK – 5,5SK (148 mm Metric)	161 x 279	343	12,3
125	1-0125-260-0224-00	52,5	5,5SK – 5,5SK (148 mm Metric)	129 x 262	321	11,0
125	1-0125-260-0031-00	45	5,5SK – 5,5SK (148 mm Metric)	81 x 195	246	8,0
125	1-0125-260-0131-00	40	5,5SK – 5,5SK (148 mm Metric)	83 x 227	275	8,9
125	1-0125-260-0051-00	32,5	5,5SK – 5,5SK (148 mm Metric)	61 x 210	250	8,1
125	1-0125-260-0033-00	30	5,5SK – 5,5SK (148 mm Metric)	44 x 163	200	6,1
125	1-0125-260-0196-00	30	5,5SK – 5,5SK (148 mm Metric)	43 x 161	198	6,8
125	1-0125-260-0041-00	30	5,5SK – 5,5SK (148 mm Metric)	38 x 140	177	5,5
125	1-0125-260-0240-00	25	5,5SK – 5,5SK (148 mm Metric)	38 x 172	203	6,5
125	1-0125-260-0251-00	20	5,5SK – 5,5SK (148 mm Metric)	27 x 151	176	5,7
125	1-0125-260-0029-00	20	5,5SK – 5,5SK (148 mm Metric)	24 x 134	159	5,1
125	1-0125-260-0186-00	15	5,5SK – 5,5SK (148 mm Metric)	17 x 131	150	5,0
125	1-0125-260-0030-00	15	5,5SK – 5,5SK (148 mm Metric)	16 x 118	137	4,5
125	1-0125-260-0265-00	10	5,5SK – 5,5SK (148 mm Metric)	15 x 173	186	6,4
125	1-0125-260-0275-00	10	5,5SK – 5,5SK (148 mm Metric)	9 x 103	116	3,9



Other elbow angles on request.

View weld END STYLES AND MEASUREMENTS

ELBOWS WITH EXTENSIONS



Nominal Diameter	Part No. / Drawing Reference	Note	Degree°	Ends Style (inlet – outlet)	Dimension (a x b) mm	Height (h) mm	Weight net kg
100	1-0100-265-0012-00	1 Ext.	90	4,5SK – 4,5SK (127 mm Metric)	275 x a	h	w
100	1-0100-265-0149-00	1 Ext.	50	4,5SK – 4,5SK (127 mm Metric)	98 x 306	320	9,6
100	1-0100-265-0155-00	2 Ext.	45	4,5SK – 4,5SK (127 mm Metric)	155 x 375	420	13,0
100	1-0100-265-0154-00	2 ext.	30	4,5SK – 4,5SK (127 mm Metric)	92 x 344	376	11,1
125	1-0125-265-0017-00	1 Ext.	90	5,5SK – 5,5SK (148 mm Metric)	275 x a	h	w
125	1-0125-265-0066-00	1 Ext.	50	5,5SK – 5,5SK (148 mm Metric)	98 x 306	328	12,1
125	1-0125-265-0174-00	1 Ext.	45	5,5SK – 5,5SK (148 mm Metric)	221 x 337	389	15,1
125	1-0125-265-0222-00	2 Ext.	45	5,5SK – 5,5SK (148 mm Metric)	155 x 375	427	14,2
125	1-0125-265-0242-00	2 Ext.	30	5,5SK – 5,5SK (148 mm Metric)	92 x 344	376	13,0



1-0100-265-0149-00

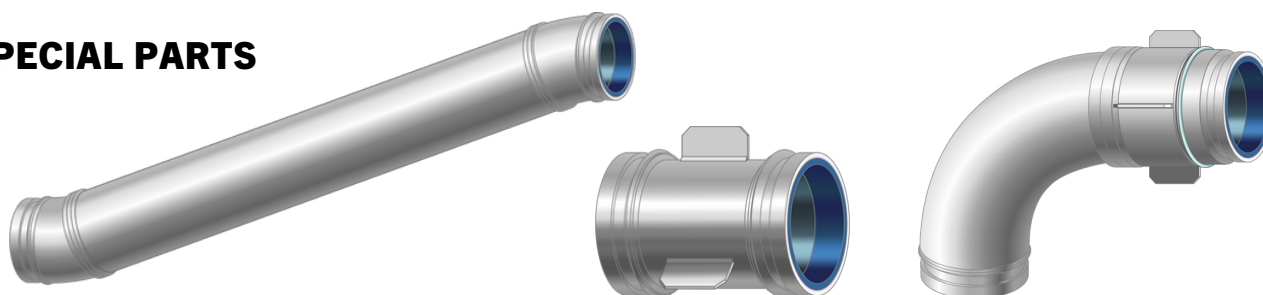
1-0125-265-0066-00



1-0100-265-0155-00

1-0125-265-0222-00

SPECIAL PARTS



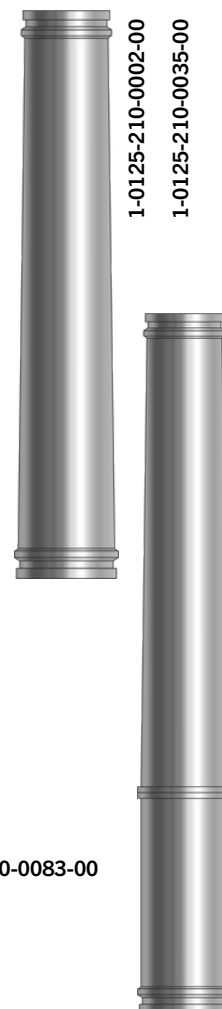
Nominal Diameter	Part No. / Drawing Reference	Note	Matching to OEM Part. No.	Degree°	Length mm	Ends Style (inlet – outlet)	Dimension (a x b) mm	Weight net kg
100	1-0100-275-0008-00	Step Elbow	Cifa 248837	2 x 30		4,5SK – 4,5SK (127 mm Metric)	549 x 1155	22,0
125	1-0125-120-0041-00	Pipe with fins	Schwing 10185865		200	5,5SK – 5,5SK (148 mm Metric)		7,2
125	1-0125-270-0008-00	Elbow with fin wheel	Schwing 10085478	90		5,5SK – 5,5SK (148 mm Metric)	275 x 410	25,8

Other special parts available on request.

View weld END STYLES AND MEASUREMENTS

REDUCERS FOR DECK & BOOM

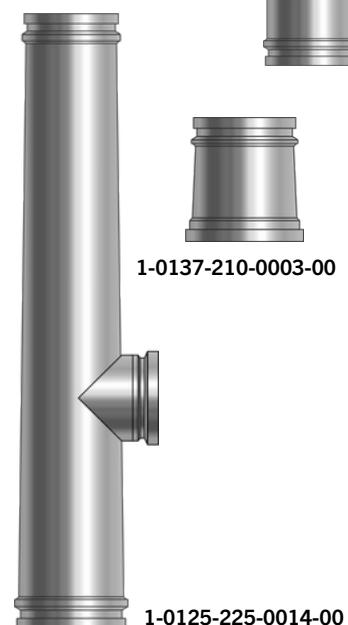
Inlet Nominal Diameter	Outlet Nominal Diameter	Part No. / Drawing Reference	Matching to	Ends Style (inlet – outlet)	Length mm	Note
150	125	1-0150-210-0091-00		6,0SK – 5,5SK	Max. 3000	
150	125	1-0150-210-0014-00	Putzmeister Metric	6,0SK22 – 5,5SK	Max. 3000	
150	125	1-0150-210-0086-00	Putzmeister ZX	6,0ZXV – 5,5SK	Max. 3000	
150	125	1-0150-210-0065-00	Schwing	6,0SCR – 5,5SK	Max. 3000	
150	125	1-0150-210-0094-00	Liebherr Cifa Sermac	6,0CBR – 5,5SK	Max. 3000	
137	125	1-0137-210-0003-00	Putzmeister Metric	6,0SK22 – 5,5SK	200	
125	117	1-0125-210-0120-00		5,5SK – 5,5SK	Max. 4500	Boom
125	112	1-0125-210-0119-00		5,5SK – 5,5SK	Max. 3000	Boom
125	100	1-0125-210-0002-00		5,5SK – 4,5SK	Max. 3000	Conical
125	100	1-0125-210-0035-00		5,5SK – 4,5SK	Max. 3000	Conical
125	100	1-0125-210-0083-00		5,5SK – 4,5SK	Max. 6200	Straight inlet extension



REDUCERS WITH CLEANING OPENING (BRANCH)

Inlet Nominal Diameter	Outlet Nominal Diameter	Part No. / Drawing Reference	Matching to OEM Part. No.	Ends Style (inlet – outlet)	Length mm
150	125	1-0150-225-0014-00	Putzmeister 412980	6,0ZXV – 5,5SK	1200
150	125	1-0150-225-0010-00	Putzmeister 291464002	6,0SK22 – 5,5SK	1200
150	100	1-0150-225-0012-00	Putzmeister 400554	6,0SK22 – 4,5SK	1200
150	125	1-0150-225-0013-00	Putzmeister 400586	6,0SK22 – 5,5SK	1200
150	125	1-0150-225-0027-00	Putzmeister 499600	6,0SK22 – 5,5SK	1000
150	100	1-0150-225-0012-01	Putzmeister 477807	6,0SK22 – 4,5SK	1000
150	125	1-0150-225-0033-00	Schwing 98388579	6,0SCR – 5,5SK	340
150	125	1-0150-225-0004-02	Schwing 10141645	6,0SCR – 5,5SK	1600
150	125	1-0150-225-0004-01	Schwing	6,0SCR – 5,5SK	1460
150	125	1-0150-225-0004-09	Schwing	6,0SCR – 5,5SK	1330
150	125	1-0150-225-0004-03	Schwing 10188941	6,0SCR – 5,5SK	1240
125	100	1-0125-225-0005-00		5,5SK – 4,5SK	1200

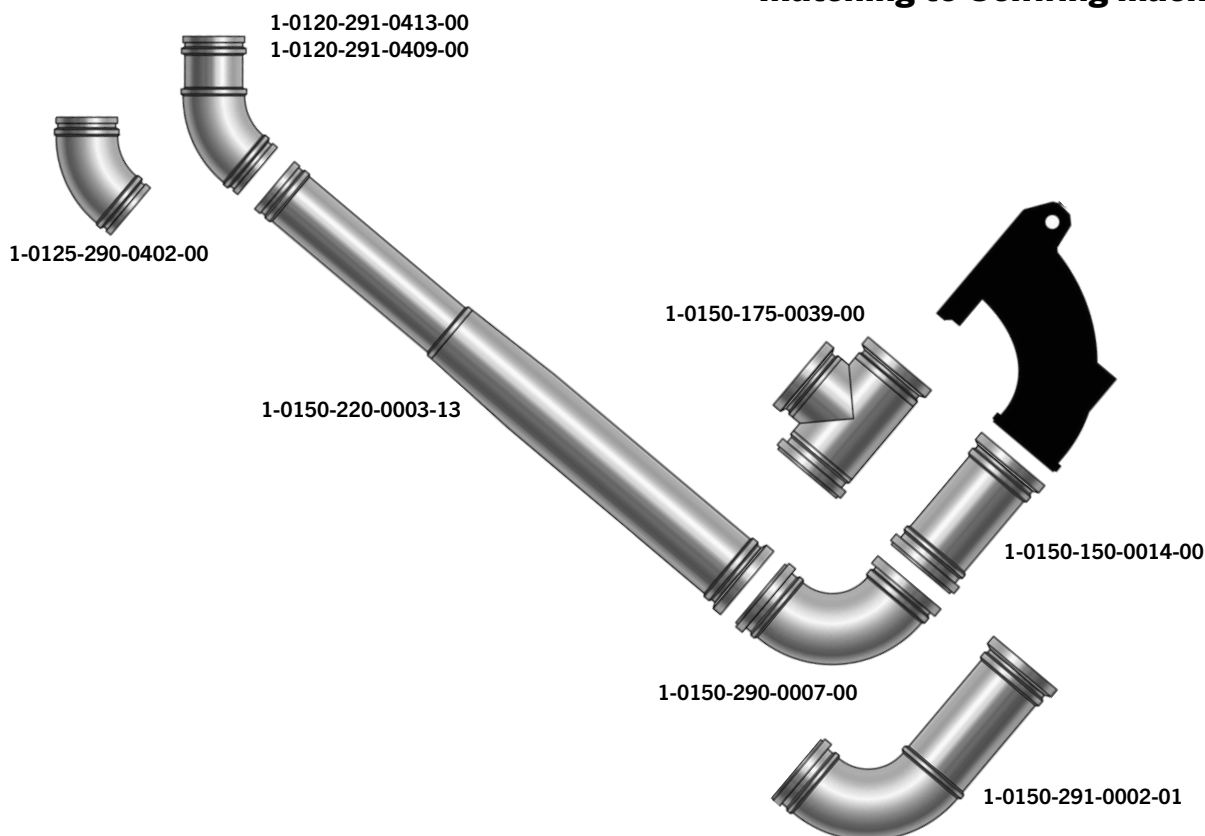
1-0125-210-0083-00



Other reducer lengths and end style designs available on request.

View weld END STYLES AND MEASUREMENTS

Matching to Schwing machines



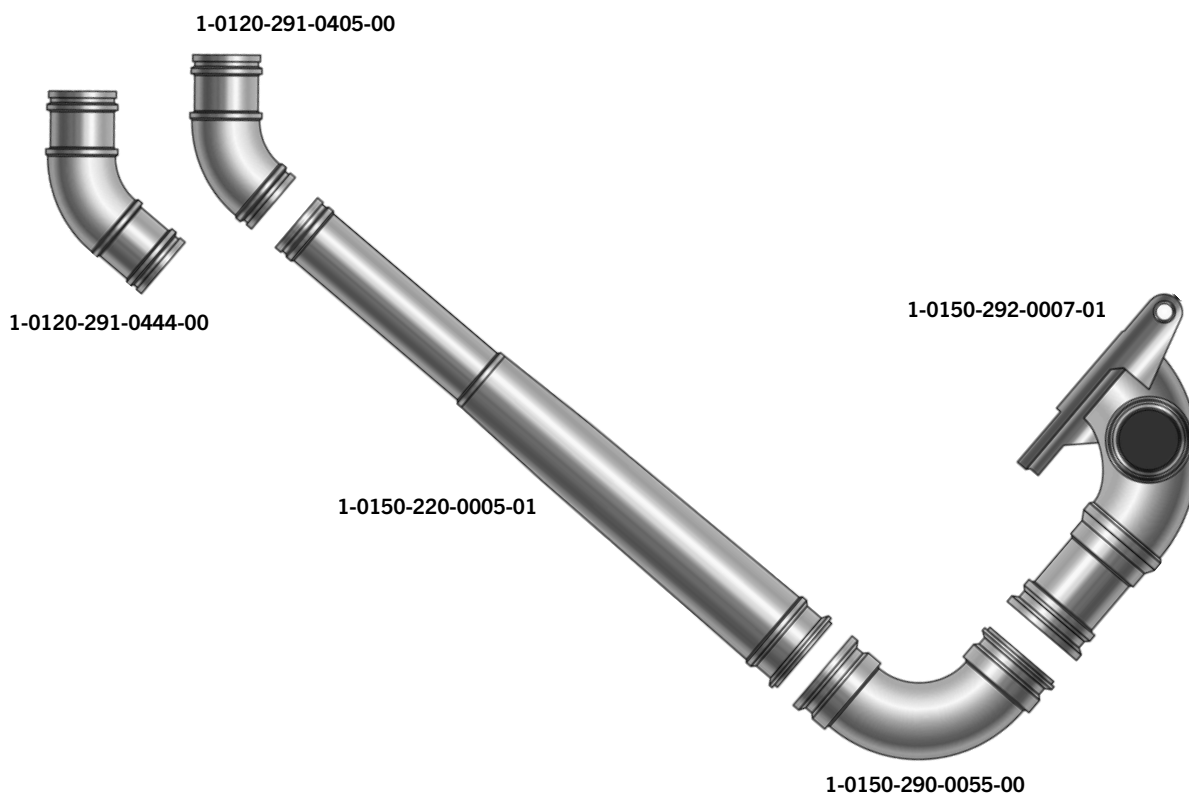
Two-layer pipes. Hardness 67 HRC. Working pressure 85 bar / test pressure 170 bar. Pipes dimensions and weld ends matching to Schwing pipeline systems.

Part No. / Drawing Reference	Matching to OEM Part. No.	Description	Dimension	Ends Style (inlet – outlet)	Weight net.
1-0150-150-0014-00	Schwing 10198301	DN150 PIPE	340 mm	6,0SCR – 6,0SCV	18,9 kg
1-0150-175-0039-00	Schwing 10215985	DN150 TEE	340 mm	6,0SCR – 6,0SCV	31,8 kg
1-0150-290-0007-00	Schwing 10204750	DN150 ELBOW	90°	6,0SCR – 6,0SCV	22,7 kg
1-0150-291-0002-01	Schwing 10199943	DN150 ELBOW with extension	90°	6,0SCR – 6,0SCV	30,3 kg
1-0150-220-0003-13	Schwing cf. 10214688	DN150-125 REDUCER	1600 mm	6,0SCR – 5,5SK	73,9 kg
1-0120-291-0413-00	Schwing 10189904	DN125 ELBOW with extension	40°	5,5SK – 5,5SK	13,4 kg
1-0120-291-0409-00	Schwing 10191805	DN125 ELBOW with extension	50°	5,5SK – 5,5SK	12,6 kg
1-0120-290-0402-00	Schwing 10189901	DN125 ELBOW	45°	5,5SK – 5,5SK	7,9 kg

Other reducer lengths, elbows, and end style designs available on request.

View weld END STYLES AND MEASUREMENTS

Matching to Putzmeister machines



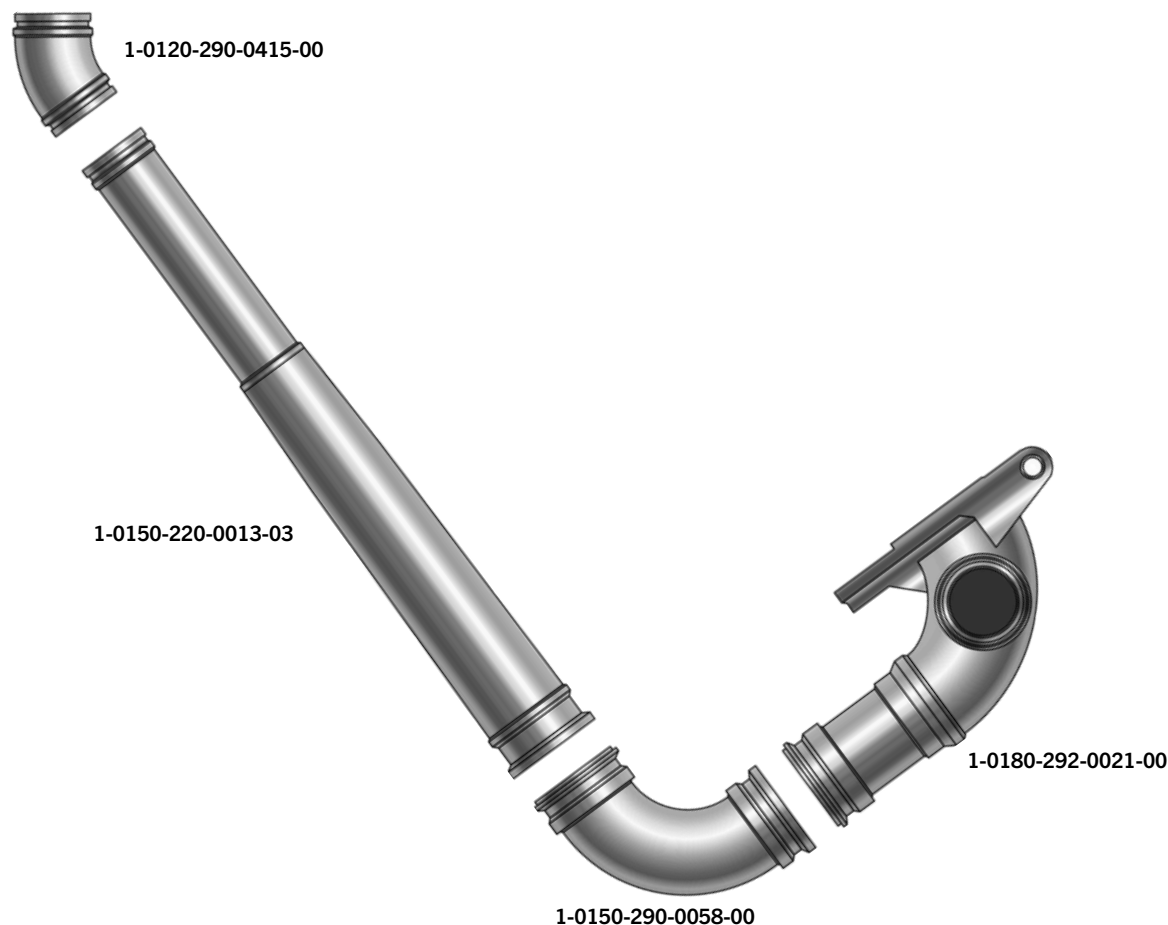
Two-layer pipes. Hardness 67 HRC. Working pressure 85 bar / test pressure 170 bar. Pipes dimensions and weld ends matching to Putzmeister pipeline systems.

Part No. / Drawing Reference	Matching to OEM Part. No.	Description	Dimension	Ends Style (inlet – outlet)	Weight net.
1-0180-292-0007-01	Putzmeister 519855	DN180-150 Swivel Elbow	90°	PM – 6,0ZXR	82,4 kg
1-0150-290-0055-00	Putzmeister 445070	DN150 Elbow	90°	6,0ZXV – 6,0ZXR	26,8 kg
1-0150-220-0005-01	Putzmeister 441016	DN150-125 Reducer	1200 mm	6,0ZXR – 5,5SK	56,0 kg
1-0120-291-0405-00	Putzmeister 429752	DN125 Elbow with extension	45°	5,5SK – 5,5SK	13,8 kg
1-0120-291-0444-00	Putzmeister 536862	DN125 Elbow with 2 extension	45°	5,5SK – 5,5SK	15,3 kg

Other reducer lengths, elbows, and end style designs available on request.

View weld END STYLES AND MEASUREMENTS

Matching to Liebherr machines



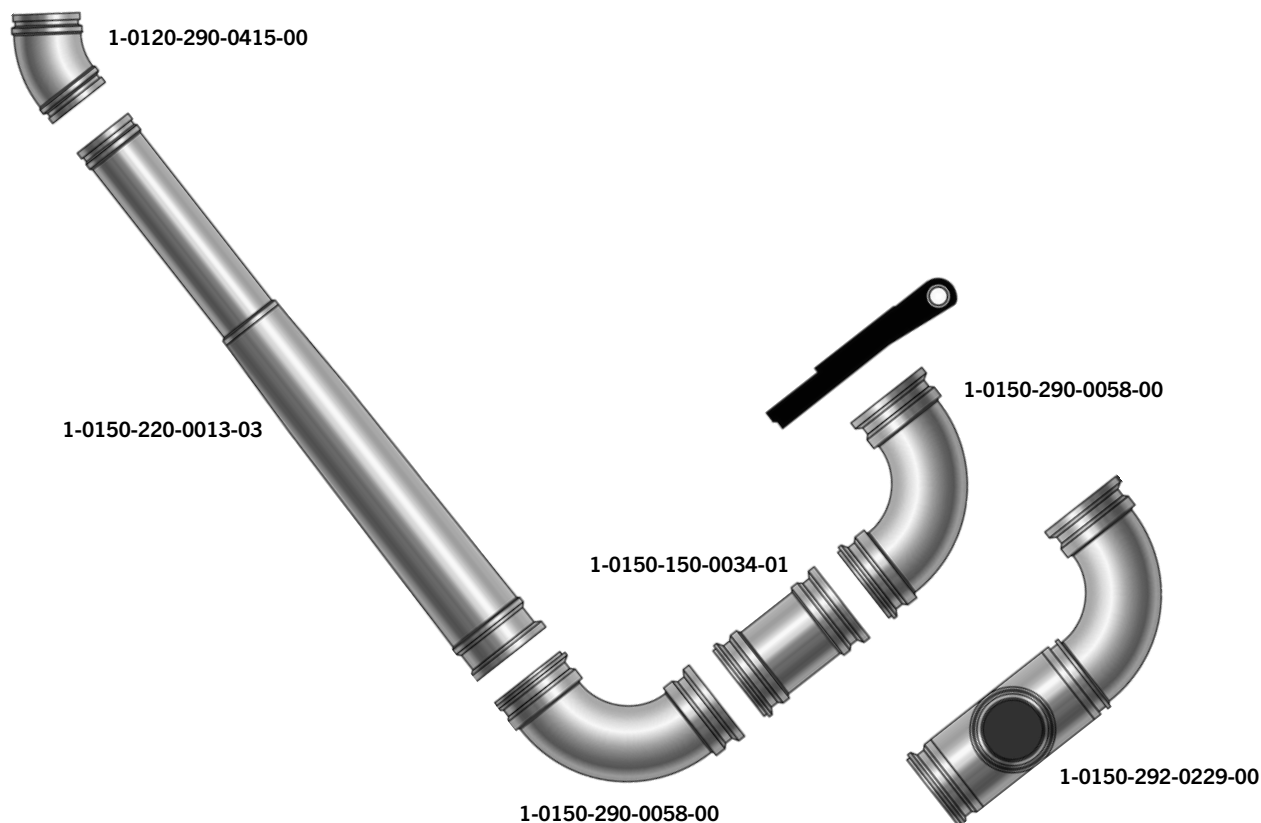
Two-layer pipes. Hardness 67 HRC. Working pressure 85 bar / test pressure 170 bar. Pipes dimensions and weld- ends matching to Liebherr pipeline systems.

Part No. / Drawing Reference	Matching to OEM Part. No.	Description	Dimension	Ends Style (inlet – outlet)	Weight net.
1-0180-292-0021-00	Liebherr B195243	DN180-150 Swivel Elbow	90°	LI – 6,0CBV	81,0 kg
1-0150-290-0058-00	Liebherr 12155705	DN150 Elbow	90°	6,0CBR – 6,0CBV	25,7 kg
1-0150-220-0013-03	Liebherr 12663103	DN150-125 Reducer	1500 mm	6,0CBR – 5,5SK	44,8 kg
1-0120-290-0415-00	Liebherr 12155706	DN125 Elbow	36°	5,5SK – 5,5SK	8,2 kg

Other reducer lengths, elbows, and end style designs available on request.

View Weld END STYLES AND MEASUREMENTS

Matching to Liebherr machines (v2)

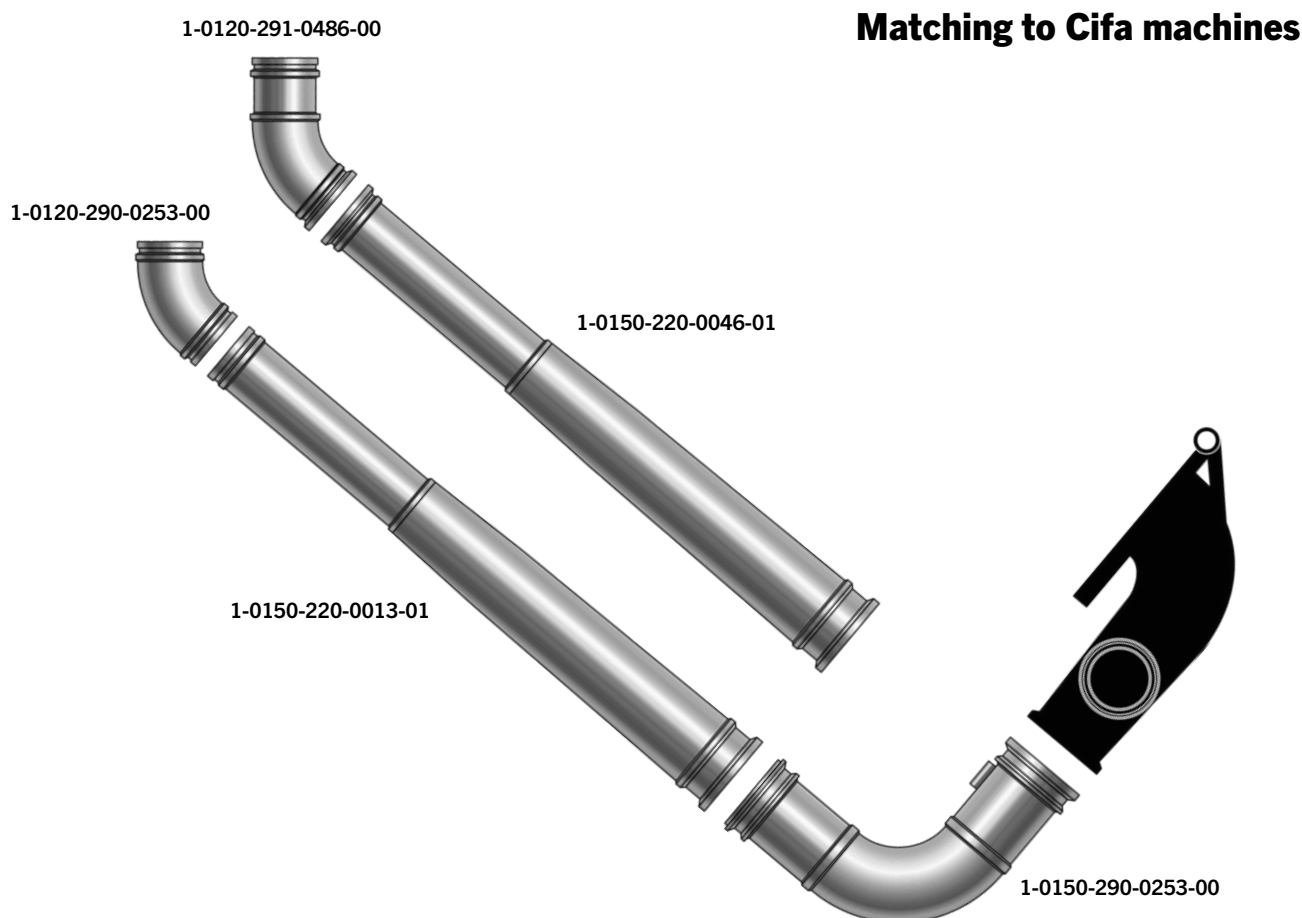


Two-layer pipes. Hardness 67 HRC. Working pressure 85 bar / test pressure 170 bar. Pipes dimensions and weld ends matching to Liebherr pipeline systems.

Part No. / Drawing Reference	Matching to OEM Part. No.	Description	Dimension	Ends Style (inlet – outlet)	Weight net.
1-0150-290-0058-00	Liebherr 12155705	DN150 Elbow	90°	6,0CBR – 6,0CBV	25,7 kg
1-0150-150-0034-01	Liebherr 12162665	DN150 Pipe	267 mm	6,0CBR – 6,0CBV	11,8 kg
1-0150-292-0229-00	Liebherr 12165487	DN150 Branch Elbow	90°	6,0CBR – 6,0CBV	48,0 kg
1-0150-220-0013-03	Liebherr 12663103	DN150-125 Reducer	1500 mm	6,0CBR – 5,5SK	44,8 kg
1-0120-290-0415-00	Liebherr 12155706	DN125 Elbow	36°	5,5SK – 5,5SK	8,2 kg

Other reducer lengths, elbows, and end style designs available on request.

View weld END STYLES AND MEASUREMENTS



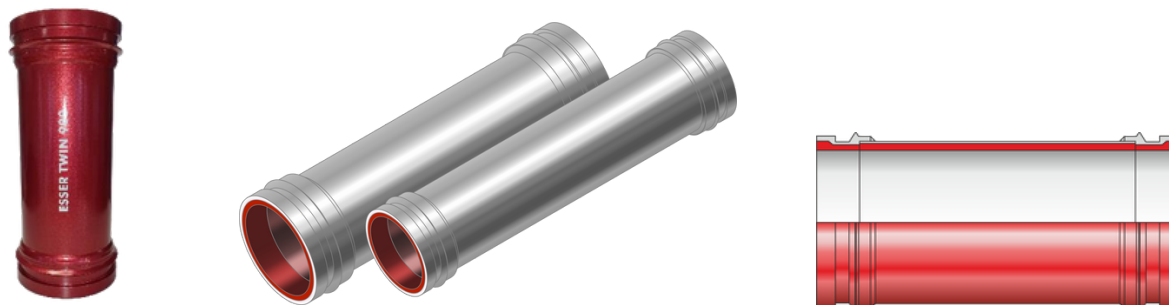
Two-layer pipes. Hardness 67 HRC. Working pressure 85 bar / test pressure 170 bar. Pipes dimensions and weld ends matching to Cifa pipeline systems.

Part No. / Drawing Reference	Matching to OEM Part. No.	Description	Dimension	Ends Style (inlet – outlet)	Weight net.
1-0150-292-0003-00	Cifacf. 234277	DN150 Elbow with 2 extension	90°	6,0CBR – 6,0CBV	40,0 kg
1-0150-220-0013-01	Cifacf. 235147	DN150-125 Reducer	1287 mm	6,0CBR – 5,5SK	61,0 kg
1-0120-290-0253-00	Cifacf. 235013	DN125 Elbow	42°	5,5SK – 5,5SK	10,9 kg
1-0150-220-0046-01	Cifacf. S1026125	DN150-125 Reducer	1286 mm	6,0CBR – 5,0CB	61,5 kg
1-0120-291-0486-00	Cifacf. S1026121	DN125 Elbow with extension	42°	5,0CBN – 5,5SK	15,2 kg

Other reducer lengths, elbows, and end style designs available on request.

View weld END STYLES AND MEASUREMENTS

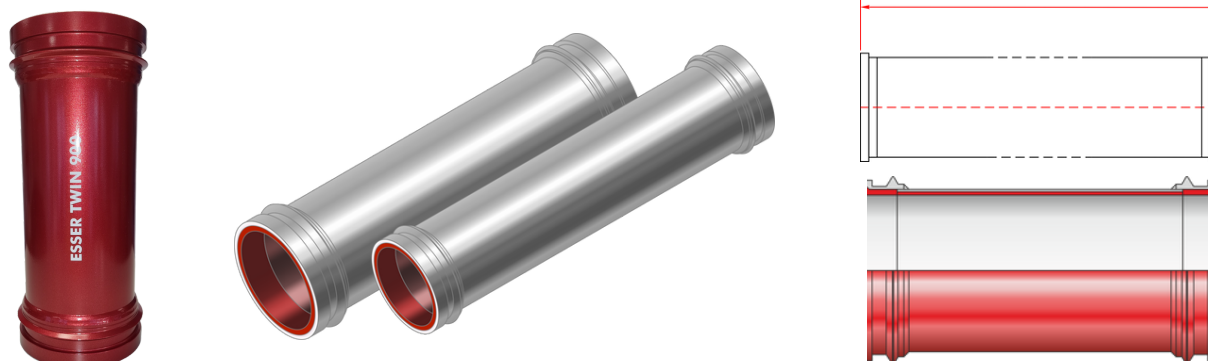
DECK PIPES



Two-layer pipes for harsh conditions. Inner wear layer uniformly through-hardened to 67 HRC. Thick-walled design for the deck of the concrete pump. Available in nominal sizes DN100 and DN125. Working pressure 85 bar / test pressure 170 bar.

Nominal Diameter	Part No. / Drawing Reference	Wall Thickness mm (inner+outer wall)	Hardness (HRC)	Dimension (L) mm	Ends Style (inlet – outlet)	Weight net kg	F.W.C. Weight kg / m
100	1-0100-117-5100-04	7,7 (4,5+3,2)	67 HRC	3000	4,5SK – 4,5SK (127 mm Metric)	62,85	39,8
100	1-0100-117-5100-00	7,7 (4,5+3,2)	67 HRC	120 < L < 6000	4,5SK – 4,5SK (127 mm Metric)	variable	39,8
125	1-0125-117-5000-56	8,6 (5,6+3,0)	67 HRC	3000	5,5SK – 5,5SK (148 mm Metric)	85,3	57,3
125	1-0125-117-5000-00	8,6 (5,6+3,0)	67 HRC	100 < L < 6000	5,5SK – 5,5SK (148 mm Metric)	variable	57,3

BOOM PIPES



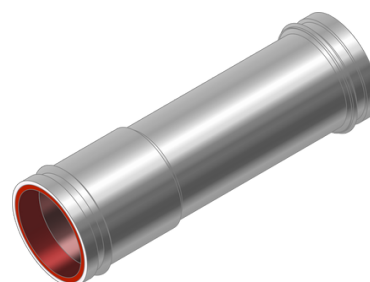
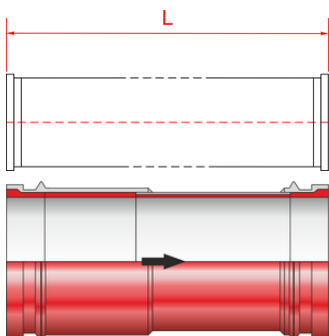
Two-layer pipes for harsh conditions. Inner wear layer uniformly through-hardened to 67 HRC. Lightweight design for the boom of the concrete pump. Available in nominal sizes DN100, DN112, DN117 and DN125. Working pressure 85 bar / test pressure 170 bar.

Nominal Diameter	Part No. / Drawing Reference	Wall Thickness mm	Hardness (HRC)	Dimension mm	Ends Style (inlet – outlet)	Weight net kg	F.W.C. Weight kg / m
100	1-0100-117-0002-01	4,0 (2,0+2,0)	67 HRC	3000	4,5SK – 4,5SK (127 mm Metric)	33,5	30,0
100	1-0100-117-0002-00	4,0 (2,0+2,0)	67 HRC	100 < L < 6000	4,5SK – 4,5SK (127 mm Metric)	variable	30,0
112	1-0112-117-2000-01	4,0 (2,0+2,0)	67 HRC	3000	5,5SK – 5,5SK (148 mm Metric)	37,6	36,0
112	1-0112-117-2011-00	4,0 (2,0+2,0)	67 HRC	100 < L < 6000	5,5SK – 5,5SK (148 mm Metric)	variable	36,0

BOOM PIPES

Nominal Diameter	Part No. / Drawing Reference	Wall Thickness mm	Hardness (HRC)	Dimension mm	Ends Style (inlet – outlet)	Weight net kg	F.W.C. Weight kg / m
117	1-0117-117-0030-01	3,5 (2,0+1,5)	67 HRC	3000	5,5SK – 5,5SK (148 mm Metric)	36,9	38,3
117	1-0117-117-0030-00	3,5 (2,0+1,5)	67 HRC	100 < L < 6000	5,5SK – 5,5SK (148 mm Metric)	variable	38,3
125	1-0125-117-7660-01	4,5 (3,0+1,5)	67 HRC	3000	5,5SK – 5,5SK (148 mm Metric)	45,2	43,5
125	1-0125-117-7681-00	4,5 (3,0+1,5)	67 HRC	100 < L < 6000	5,5SK – 5,5SK (148 mm Metric)	variable	43,5
125	1-0125-117-2001-01	4,0 (2,0+2,0)	67 HRC	3000	5,5SK – 5,5SK (148 mm Metric)	37,6	41,7
125	1-0125-117-7683-00	4,0 (2,0+2,0)	67 HRC	100 < L < 6000	5,5SK – 5,5SK (148 mm Metric)	variable	41,7

ESSER TWIN 900 XL BOOM PIPES WITH INLET REINFORCEMENT



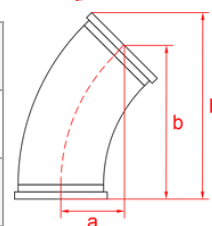
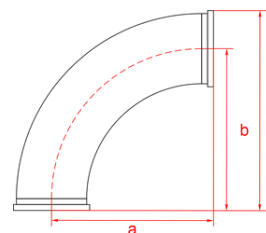
Two-layer pipes for harsh conditions. Inner wear layer uniformly through-hardened to 67 HRC. Boom pipe with special design: The inlet weld-end is reinforced with an XL extension to absorb wear loads caused by turbulences. This type of pipe is mounted exclusively behind elbows in the concrete pump boom. Available in nominal sizes DN112, DN117 and DN125. Working pressure 85 bar / test pressure 170 bar.

Nominal Diameter	Part No. / Drawing Reference	Wall Thickness mm	Hardness (HRC)	Dimension mm	Ends Style (inlet – outlet)	Weight net kg	F.W.C. Weight kg / m
112	1-0112-117-7151-01	4,0 (2,0+2,0)	67 HRC	3000	5,5SK – 5,5SK (148 mm Metric)	38,5	36,3
112	1-0112-117-7151-00	4,0 (2,0+2,0)	67 HRC	200 < L < 6000	5,5SK – 5,5SK (148 mm Metric)	variable	36,3
117	1-0117-117-0100-01	3,5 (2,0+1,5)	67 HRC	3000	5,5SK – 5,5SK (148 mm Metric)	37,6	38,8
117	1-0117-117-0100-00	3,5 (2,0+1,5)	67 HRC	200 < L < 6000	5,5SK – 5,5SK (148 mm Metric)	variable	38,8
125	1-0125-117-7611-02	4,5 (3,0+1,5)	67 HRC	3000	5,5SK – 5,5SK (148 mm Metric)	46,3	43,9
125	1-0125-117-7611-00	4,5 (3,0+1,5)	67 HRC	200 < L < 6000	5,5SK – 5,5SK (148 mm Metric)	variable	43,9
125	1-0125-117-2001-01	4,0 (2,0+2,0)	67 HRC	3000	5,5SK – 5,5SK (148 mm Metric)	39,0	42,2
125	1-0125-117-7162-00	4,0 (2,0+2,0)	67 HRC	200 < L < 6000	5,5SK – 5,5SK (148 mm Metric)	variable	42,2

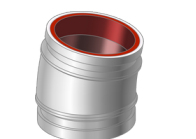


BOOST PIPE PERFORMANCE WITH TWIN 900 XL PIPE

Two-layer elbows for harsh conditions. Inner wear layer with a hardness to 67 HRC. Elbows fitted with special CCI inserts. Working pressure 85 bar / test pressure 170 bar.



Nominal Diameter	Part No. / Drawing Reference	Degree°	Ends Style (inlet – outlet)	Dimension (a x b) mm	Height (h) mm	Weight net kg
100	1-0100-290-0001-00	90	4,5SK – 4,5SK (127 mm Metric)	275 x 275	339	11,1
100	1-0100-290-0002-00	90	4,5SK – 4,5SK (127 mm Metric)	180 x 180	244	7,7
100	1-0100-290-0005-00	45	4,5SK – 4,5SK (127 mm Metric)	81 x 195	240	7,1
100	1-0100-290-0003-00	30	4,5SK – 4,5SK (127 mm Metric)	51 x 192	224	5,7
100	1-0100-290-0007-00	20	4,5SK – 4,5SK (127 mm Metric)	28 x 160	182	4,6
112	1-0112-290-0013-00	90	5,5SK – 5,5SK (148 mm Metric)	275 x 275	349	12,7
112	1-0112-290-0001-00	90	5,5SK – 5,5SK (148 mm Metric)	180 x 180	254	14,8
112	1-0112-290-0014-00	45	5,5SK – 5,5SK (148 mm Metric)	81 x 195	246	7,2
112	1-0112-290-0020-00	32,5	5,5SK – 5,5SK (148 mm Metric)	61 x 210	250	7,2
112	1-0112-290-0017-00	30	5,5SK – 5,5SK (148 mm Metric)	44 x 163	200	5,9
112	1-0112-290-0019-00	25	5,5SK – 5,5SK (148 mm Metric)	38 x 172	203	6,2
112	1-0112-290-0008-00	10	5,5SK – 5,5SK (148 mm Metric)	9 x 103	116	4,0
117	1-0117-290-0010-00	90	5,5SK – 5,5SK (148 mm Metric)	275 x 275	349	11,4
117	1-0117-290-0006-00	90	5,5SK – 5,5SK (148 mm Metric)	180 x 180	254	11,7
117	1-0117-290-0014-00	45	5,5SK – 5,5SK (148 mm Metric)	81 x 195	246	7,0
117	1-0117-290-0011-00	30	5,5SK – 5,5SK (148 mm Metric)	44 x 163	200	5,8
117	1-0117-290-0018-00	25	5,5SK – 5,5SK (148 mm Metric)	38 x 172	203	5,8
117	1-0117-290-0013-00	15	5,5SK – 5,5SK (148 mm Metric)	16 x 118	137	3,9
117	1-0117-290-0016-00	10	5,5SK – 5,5SK (148 mm Metric)	9 x 103	116	4,2



Other elbows available on request.

View weld END STYLES AND MEASUREMENTS

Nominal Diameter	Part No. / Drawing Reference	Degree°	Ends Style (inlet – outlet)	Dimension (a x b) mm	Height (h) mm	Weight net kg
125	1-0120-290-0400-00	90	5,5SK – 5,5SK (148 mm Metric)	275 x 275	349	13,9
125	1-0120-290-0409-00	90	5,5SK – 5,5SK (148 mm Metric)	180 x 180	254	11,2
125	1-0120-290-0268-00	60	5,5SK – 5,5SK (148 mm Metric)	161 x 279	343	12,5
125	1-0120-290-0410-00	52,5	5,5SK – 5,5SK (148 mm Metric)	129 x 262	321	11,2
125	1-0120-290-0402-00	45	5,5SK – 5,5SK (148 mm Metric)	81 x 195	246	7,9
125	1-0120-290-0405-00	32,5	5,5SK – 5,5SK (148 mm Metric)	61 x 210	250	8,2
125	1-0120-290-0403-00	30	5,5SK – 5,5SK (148 mm Metric)	44 x 163	200	6,2
125	1-0120-290-0260-00	30	5,5SK – 5,5SK (148 mm Metric)	43 x 161	198	7,5
125	1-0120-290-0407-00	30	5,5SK – 5,5SK (148 mm Metric)	38 x 140	177	5,3
125	1-0120-290-0411-00	25	5,5SK – 5,5SK (148 mm Metric)	38 x 172	203	6,4
125	1-0120-290-0418-00	20	5,5SK – 5,5SK (148 mm Metric)	27 x 151	176	5,6
125	1-0120-290-0258-00	15	5,5SK – 5,5SK (148 mm Metric)	17 x 131	150	6,6
125	1-0120-290-0412-00	15	5,5SK – 5,5SK (148 mm Metric)	16 x 118	137	5,3
125	1-0120-290-0433-00	10	5,5SK – 5,5SK (148 mm Metric)	15 x 173	186	6,6

Other elbows available on request.

View weld END STYLES AND MEASUREMENTS

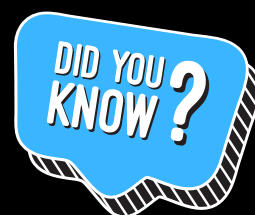
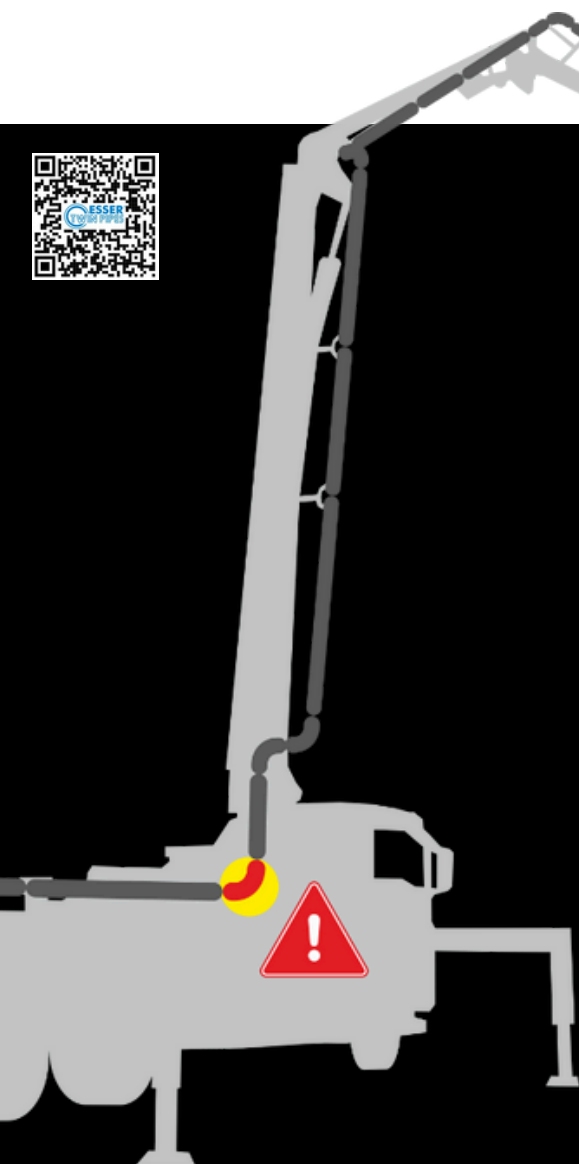
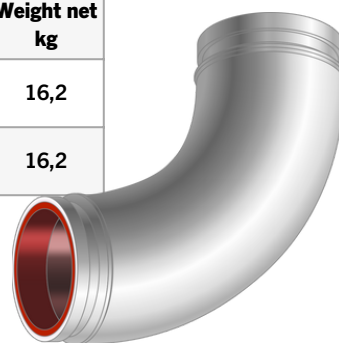


ESSER TWIN 900 - IMPACT & TURRET ELBOWS

Two-layer elbows for heavy wear load situations. Inner wear layer with a thicker wall in the back. Elbows fitted with special CCI inserts with a hardness to 67 HRC.
Working pressure 85 bar / test pressure 170 bar.

Nominal Diameter	Part No. /Drawing Reference	Note	Degree°	Ends Style (inlet – outlet)	Dimension (a x b) mm	Height (h) mm	Weight net kg
125	1-0120-292-0100-00	Impact Elbow	90	5,5SK – 5,5SK (148 mm Metric)	275 x 275	349	16,2
125	1-0120-292-0102-00	Turret Elbow	90	5,5SK – 5,5SK (148 mm Metric)	275 x 275	349	16,2

View weld END STYLES AND MEASUREMENTS



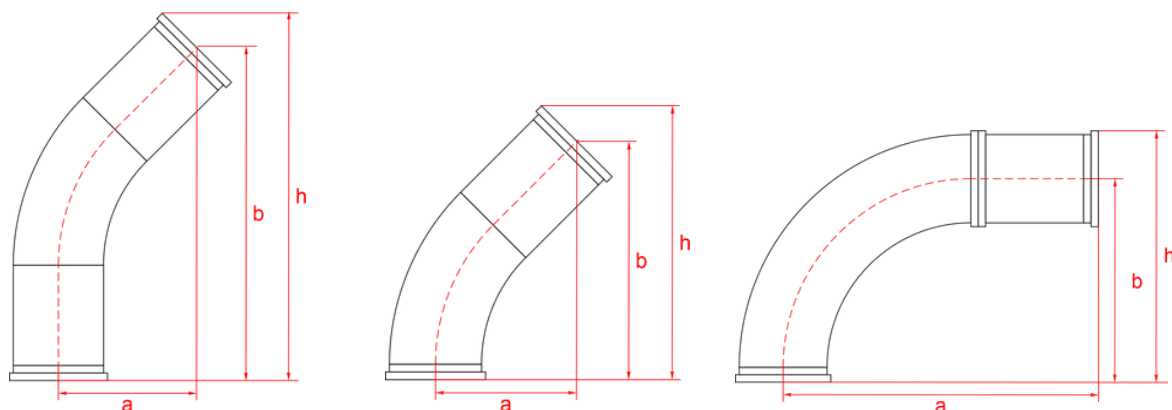
The second last elbow in the boom is exposed to extremely high wear.

In most boom positions, the last and next to the last boom arm are showing downwards. The concrete flow will interrupt and the concrete falls vertically into this elbow. That causes an extremely high impact wear.

We recommend using one impact elbow for pumps up to three boom arms. By four and more boom arms two impact elbows should be used. A comparably high wear load occurs with the 90-degree elbows in the turret. Due to the pulsating pump thrust, similar effects can occur as with the impact elbows in the boom. In this case here we recommend the use of special turret elbows.

Contact us – we are happy to advise you.

ESSER TWIN 900 - ELBOWS WITH EXTENSIONS



Nominal Diameter	Part No. / Drawing Reference	Note	Degree°	Ends Style (inlet – outlet)	Dimension (a x b) mm	Height (h) mm	Weight net kg
112	1-0112-291-0013-00	1 Ext.	90	5,5SK – 5,5SK (148 mm Metric)	275 x a	h	w
117	1-0117-291-0003-00	1 Ext.	90	5,5SK – 5,5SK (148 mm Metric)	275 x a	h	w
117	1-0117-291-0002-00	1 Ext.	45	5,5SK – 5,5SK (148 mm Metric)	221 x 337	389	13,1
125	1-0120-291-0406-00	1 Ext.	90	5,5SK – 5,5SK (148 mm Metric)	275 x a	h	W
125	1-0120-291-0409-00	1 Ext.	50	5,5SK – 5,5SK (148 mm Metric)	98 x 306	328	12,6
125	1-0120-291-0405-00	1 Ext.	45	5,5SK – 5,5SK (148 mm Metric)	221 x 337	389	13,8
125	1-0120-291-0413-00	1 Ext.	40	5,5SK – 5,5SK (148 mm Metric)	121 x 327	403	13,4w
125	1-0120-291-0444-00	2 Ext.	45	5,5SK – 5,5SK (148 mm Metric)	155 x 375	427	15,3
125	1-0120-291-0481-00	2 Ext.	30	5,5SK – 5,5SK (148 mm Metric)	92 x 344	376	14,6

Other angles available on request.

View weld END STYLES AND MEASUREMENTS



1-0120-291-0444-00



1-0117-291-0002-00
1-0120-291-0405-00

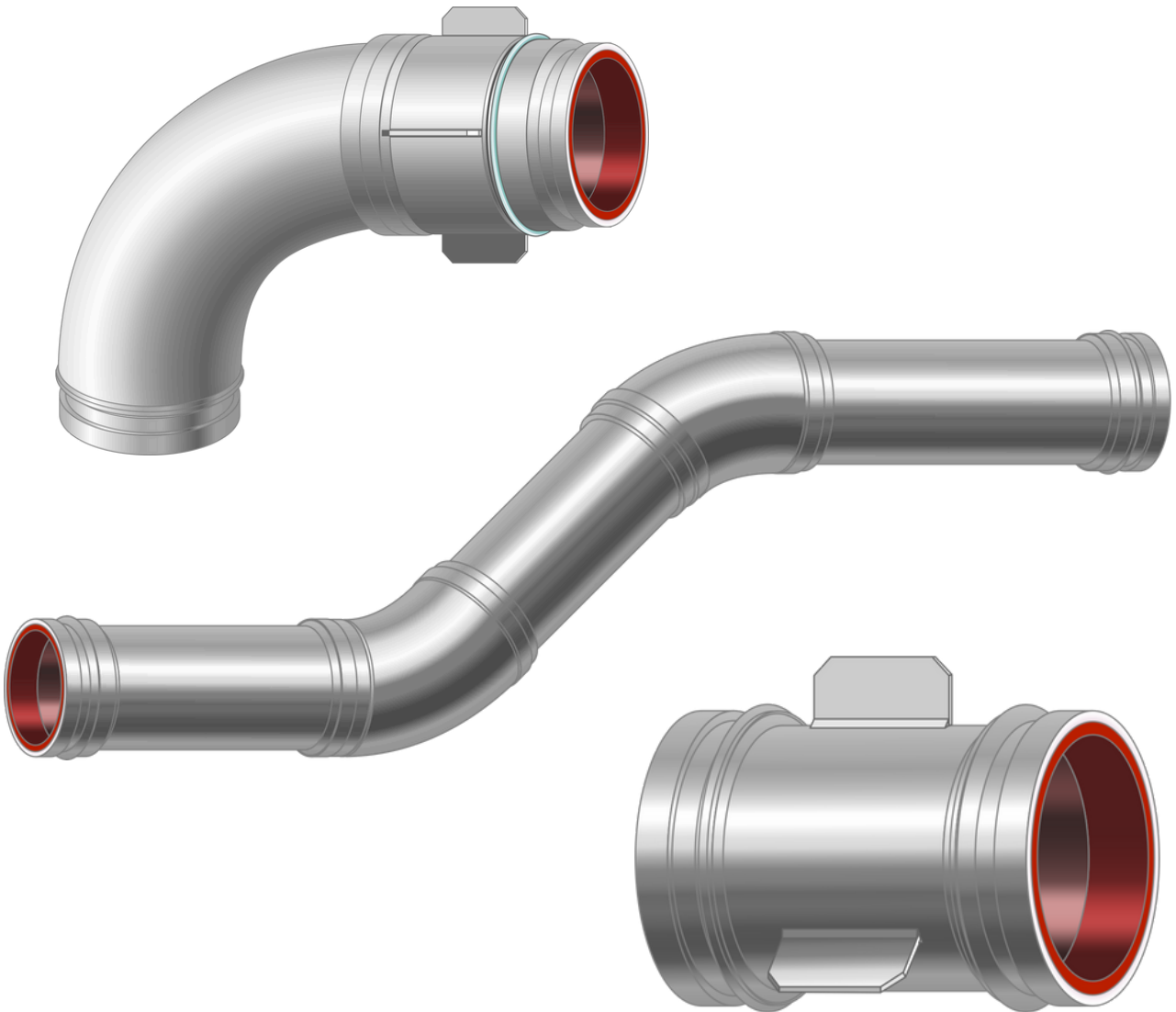


1-0112-291-0013-00
1-0117-291-0003-00
1-0120-291-0406-00

Nominal Diameter	Part No. / Drawing Reference	Note	Matching to OEM Part. No.	Degree°	Length mm	Ends Style (inlet – outlet)	Dimension (a x b) mm	Weight net kg
125	1-0120-292-0249-00	Offset Elbow	Putzmeister 454426	2 x 45		5,5SK – 5,5SK (148 mm Metric)	287 x 1335	48,5
125	1-0120-150-0026-00	Pipe with fins	Schwing 10193583		200	5,5SK – 5,5SK (148 mm Metric)		7,9
125	1-0120-292-0250-00	Elbow with fin wheel	Schwing 10190672	90		5,5SK – 5,5SK (148 mm Metric)	275 x 410	25,8

Other special parts available on request.

View weld END STYLES AND MEASUREMENTS



Pipe Set for Schwing S 31 XT Telescopic Boom



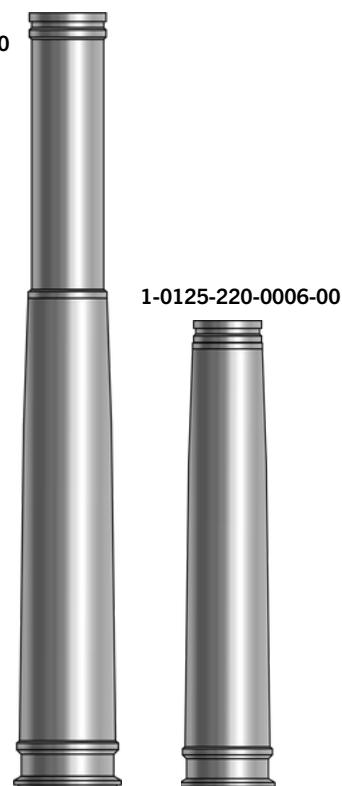
Nominal Diameter	Part No. / Drawing Reference	Note	Matching to OEM Part. No.	Degree°	Ends Style (inlet – outlet)	Dimension (a x b) mm	Weight net kg
125	1-0120-292-0259-00	S-Elbow	Schwing 10188515	2 x 90	5,5SK – 5,5SK (148 mm Metric)	715 x 1245	76,5
125	1-0120-292-0258-00	U-Elbow	Schwing 10188516	2 x 90	5,5SK – 5,5SK (148 mm Metric)	370 x 1245	69,0
125	1-0120-292-0261-00	Elbow	Schwing 10189911	90	5,5SK – 5,5SK (148 mm Metric)	275 x 285	23,7

View weld END STYLES AND MEASUREMENTS

REDUCERS FOR THE DECK

1-0150-220-0005-00

Inlet Nominal Diameter	Outlet Nominal Diameter	Part No. / Drawing Reference	Matching to	Inlet End Style	Outlet End Style	Length mm
150	125	1-0150-220-0005-00	Putzmeister	6,0ZXV	5,5SK	Max. 2000
150	125	1-0150-220-0006-00	Putzmeister 445072	6,0ZXV	5,5SK	1000
150	125	1-0150-220-0013-00	Liebherr Cifa Sermac	6,0CBR	5,5SK	Max. 2000
150	125	1-0150-220-0009-00	Putzmeister	6,0SK22	5,5SK	Max. 2000
150	125	1-0150-220-0046-00	Cifa	6,0CBR	5,0CB	Max. 2000
137	125	1-0150-220-0003-00	Schwing	6,0SCR	5,5SK	Max. 2000
125	125	1-0150-220-0229-00	Schwing	6,0SCR	5,5SK	1000
125	117	1-0150-220-0216-00	Putzmeister	6,0ZXV	5,5SK	Max. 2000
180	150	1-0180-220-0012-00	Putzmeister	8,0ZXV	6,0SK22	Max. 2000
180	125	1-0180-220-0019-00	Putzmeister	8,0ZXV	5,5SK	Max. 2000

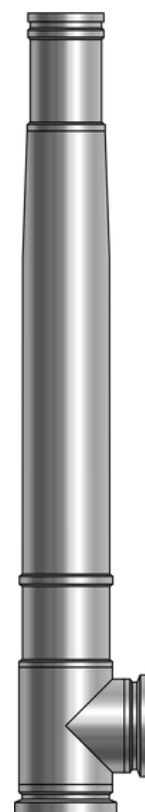


REDUCERS WITH CLEANING OPENING (BRANCH)

Inlet Nominal Diameter	Outlet Nominal Diameter	Part No. / Drawing Reference	Matching to OEM Part. No.	Inlet End Style	Outlet End Style	Length mm
150	125	1-0150-225-0018-00	Schwing 98349762	6,0SCR	5,5SK	1240

Other reducer lengths and end style designs available on request.

View weld END STYLES AND MEASUREMENTS



1-0125-225-0018-00

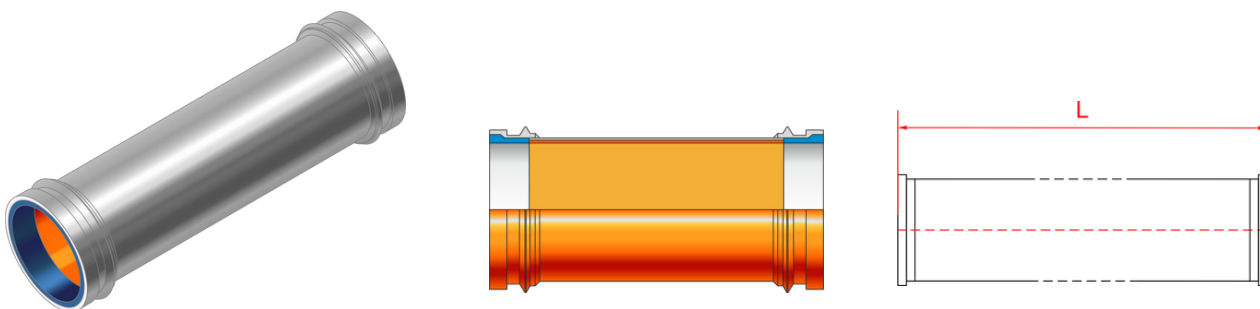
ESSER REDUCER

TECHNOLOGY THAT LASTS 10X LONGER



BOOM PIPES

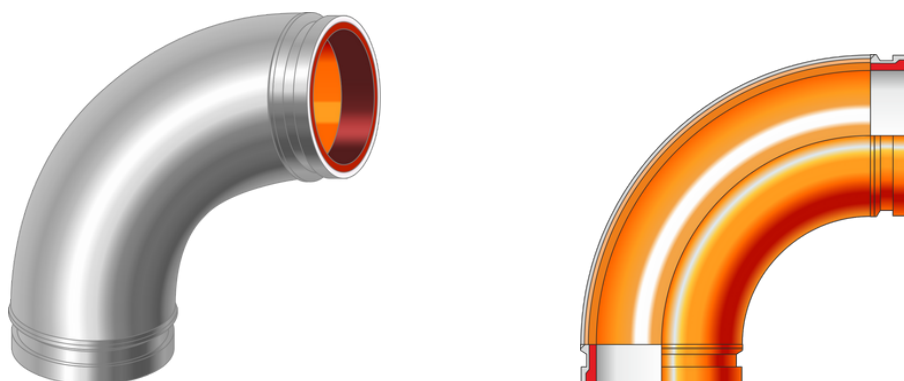
Superlight pipe alternative for DN125 boom lines. Wear layer of the inner tube body made of resistant hard PU.
Up to 40% weight saving. Working pressure 85 bar / test pressure 170 bar.



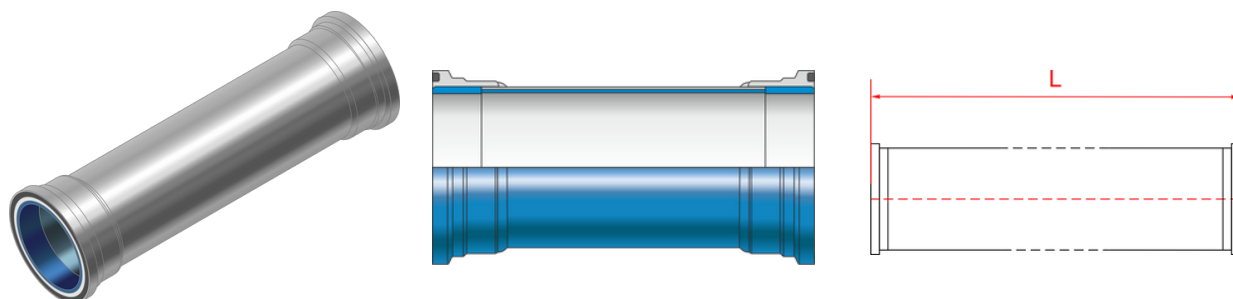
Nominal Diameter	Part No. / Drawing Reference	Wall Thickness	Hardness (ShA)	Length mm	Ends Style (inlet – outlet)	Weight net kg	F.W.C. Weight kg / m
125	1-0125-107-0006-01	5,5 (3,5+2,0)	85 ±3	3000	5,5SK – 5,5SK	26,2	35,9
125	1-0125-107-0006-00	5,5 (3,5+2,0)	85 ±3	100 < L < 6000	5,5SK – 5,5SK	variabel	35,9

ELBOWS

Nominal Diameter	Part No. /Drawing Reference	Degree°	Ends Style (inlet – outlet)	Dimension (a x b) mm	Height (h) mm	Weight net kg
125	1-0125-271-0001-00	90	5,5SK – 5,5SK (148 mm Metric)	275 x 275	349	8,5

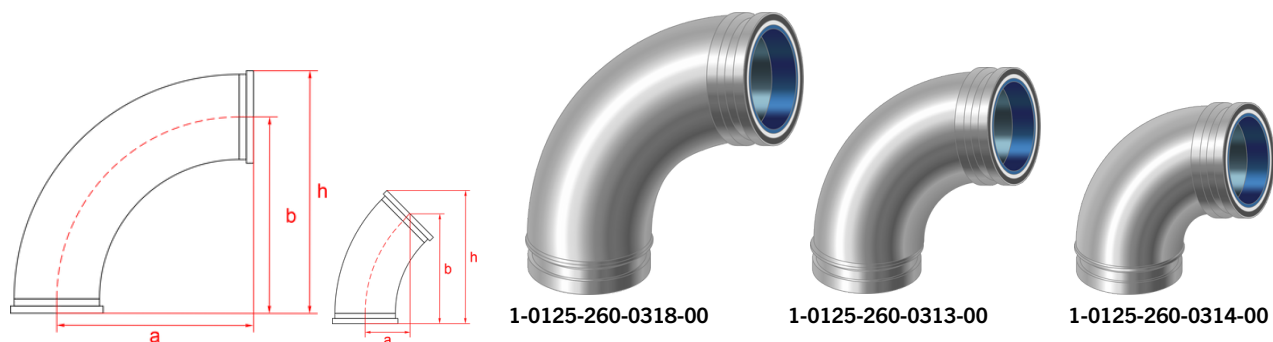


BOOM PIPES



Nominal Diameter	Part No. / Drawing Reference	Wall Thickness	Hardness (HRC)	Length mm	Ends Style (inlet – outlet)	Weight net kg	F.W.C. Weight kg / m
125	1-0125-115-0022-01	4,5 (2,5+2,0)	63	3000	5,5HF – 5,5HF	47,8	45,0
125	1-0125-115-0022-00	4,5 (2,5+2,0)	63	100 < L < 6000	5,5HF – 5,5HF	variabel	45,0

ELBOWS

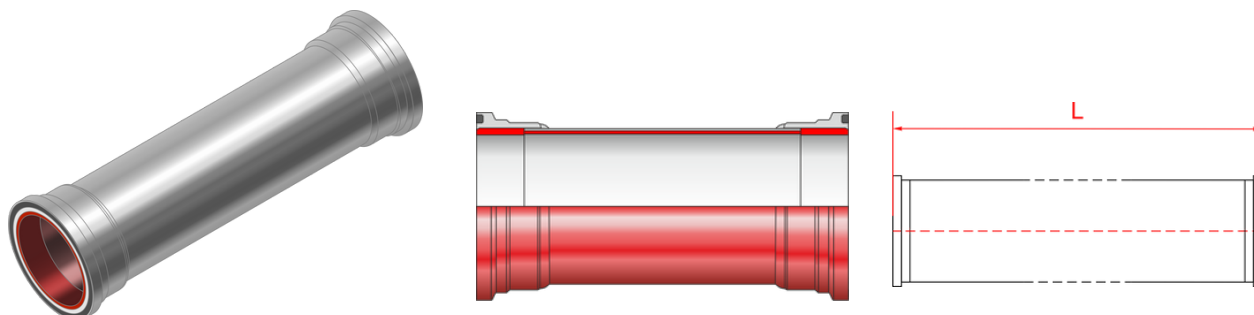


Nominal Diameter	Part No. / Drawing Reference	Matching to OEM Part. No.	Degree°	Ends Style (inlet – outlet)	Dimension (a x b) mm	Height (h) mm	Weight net kg
125	1-0125-260-0318-00		90	5,5SK – 5,5HF	275 x 275	354	15,7
125	1-0125-260-0313-00	Cifa S2020634	90	5,5SK – 5,5HF	225 x 225	305	13,2
125	1-0125-260-0314-00		90	5,5SK – 5,5HF	180 x 180	259	10,8

View weld END STYLES AND MEASUREMENTS

BOOM PIPES

Two-layer pipes for harsh conditions. Inner wear layer uniformly through-hardened to 67 HRC. Weld ends with inner CCI wear rings. Working pressure 85 bar / test pressure 170 bar.

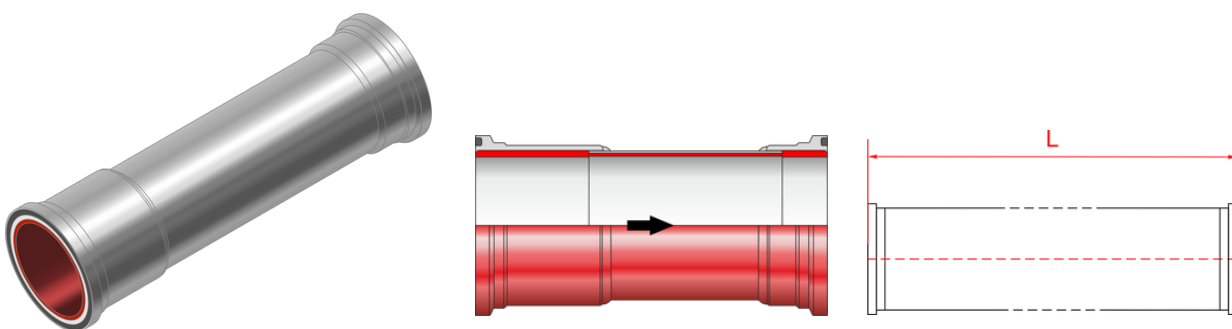


Nominal Diameter	Part No. / Drawing Reference	Wall Thickness	Hardness (HRC)	Length mm	Ends Style (inlet – outlet)	Weight net kg	F.W.C. Weight kg / m
125	1-0125-119-0045-01	4,5 (3,0+1,5)	67	3000	5,5HF – 5,5HF	46,2	45,8
125	1-0125-119-0045-00	4,5 (3,0+1,5)	67	100 < L < 6000	5,5HF – 5,5HF	variable	45,8

BOOM PIPES WITH WELD-END REINFORCEMENT

ESSER TWIN 900 XL

Two-layer pipes for harsh conditions. Inner wear layer uniformly through-hardened to 67 HRC. Boom pipe with special extended CCI weld end design. Working pressure 85 bar / test pressure 170 bar.

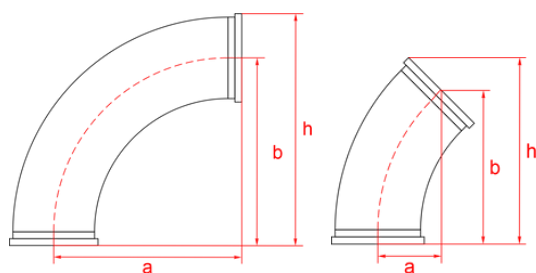


Nominal Diameter	Part No. / Drawing Reference	Wall Thickness	Hardness (HRC)	Length mm	Ends Style (inlet – outlet)	Weight net kg	F.W.C. Weight kg / m
125	1-0125-119-0048-01	4,5 (3,0+1,5)	67	3000	5,5HF – 5,5HF	47,5	44,0
125	1-0125-119-0048-00	4,5 (3,0+1,5)	67	100 < L < 6000	5,5HF – 5,5HF	variable	44,0

View weld END STYLES AND MEASUREMENTS

ELBOWS

Pipe components for harsh conditions. Inner wear layer made of special hard cast with a hardness up to 67 HRC. Weld ends with CCI inner wear rings. Working pressure 85 bar / test pressure 170 bar.



1-0120-290-0444-00

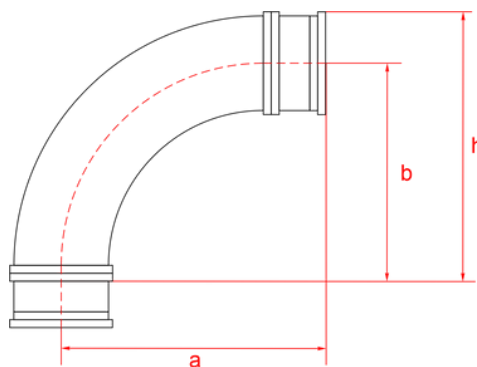


1-0120-290-0442-00

Nominal Diameter	Part No. / Drawing Reference	Matching to OEM Part. No.	Degree°	Ends Style (inlet – outlet)	Dimension (a x b) mm	Height (h) mm	Weight net kg
125	1-0120-290-0444-00	Cifa S2020639	90	5,5SK – 5,5HF	275 x 275	354	14,6
125	1-0120-290-0442-00	Cifa S2022497_LH	90	5,5SK – 5,5HF	180 x 180	259	11,5

ELBOWS WITH EXTENSIONS

1-0120-291-0238-00



Nominal Diameter	Part No. / Drawing Reference	Note	Matching to OEM Part No.	Degree°	Ends Style (inlet – outlet)	Dimension (a x b) mm	Height (h) mm	Weight net kg
125	1-0120-291-0238-00	2 Ext.	Cifa S2020634_LLNL	90	5,5SK – 5,5HF	225 x 225	305	16,2
125	1-0120-291-0487-00	1 Ext.	Cifa S2022479_LLS	15	5,5HF – 5,5HF	16 x 1340	1360	27,5

View weld END STYLES AND MEASUREMENTS



1-0120-291-0487-00

CONCRETE - MATCHING TO CIFA CARBOTECH BOOMS

ESSER TWIN 900 - SPECIAL PARTS



1-0120-292-0367-00

Nominal Diameter	Part No. / Drawing Reference	Note	Matching to OEM Part. No.	Degree°	Ends Style (inlet – outlet)	Dimension (a x b) mm	Weight net kg
125	1-0120-292-0368-00	Offset Elbow	Cifa S2031582_LLS	2 x 30	5,5HF – 5,5HF	601 x 1245	37,5
125	1-0120-292-0382-00	Offset Elbow		2 x 30	5,5HF – 5,5HF	47 x 1237	35,9
125	1-0120-292-0367-00	Offset Elbow	Cifa S2022499_LLS	2 x 15	5,5HF – 5,5HF	505 x 2030	43,5
125	1-0120-292-0366-00	Offset Elbow	Cifa S2031580	2 x 9,8	5,5HF – 5,5HF	77 x 565	20,3

View weld END STYLES AND MEASUREMENTS

ESSER PIPES LAST UP TO 10X LONGER

THE BOOSTER FOR YOUR CONCRETE PUMP



LAYDOWN & HIGHRISE PIPELINES



THE ESSER SERIES

THREE PERFORMANCE OPTIONS



ESSER 160

- STANDARD
- ENTRY LEVEL SERIES

Single-layer, unhardened pipe system for hydraulic conveying.

Pressure resistant up to 200 bars.



ESSER 400

- ADVANCED
- MORE LIFETIME
- COST SAVING

Single layer, internally hardened pipe system for hydraulic conveying of slightly abrasive media.

The pipes and elbows are internally hardened up to 50 HRC.

Pressure resistant up to 200 bars.



ESSER TWIN 900

- HIGH PERFORMANCE
- FOR HARSH CONDITIONS

Two-layer pipe system for hydraulic conveying of high abrasive material or long operating times.

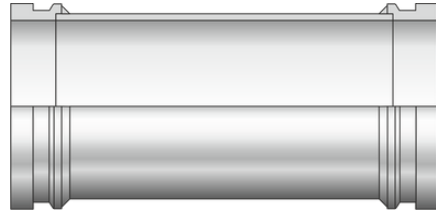
Inner wear layer hard up to 67 HRC.

Bends equipped with CCI chrome carbide iron inner sleeves.

Pressure resistant up to 200 bars.

ESSER 160 - STRAIGHT PIPES

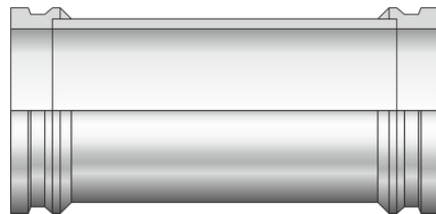
END STYLE SK



Nominal Diameter	Part No. / Drawing Reference	Wall Thickness	Hardness (HRC)	Length mm	End Style (inlet-outlet)	Weight net kg	Working Pressure Bar
125	1-0125-103-0015-01	4,0	unhardened	3000	5,5SK-5,5SK	39,8	85
125	1-0125-103-0015-00	4,0	unhardened	200<L<6000	5,5SK-5,5SK	variable	85
125	1-0125-103-0063-01	4,5	unhardened	3000	5,5SK-5,5SK	44,2	85
125	1-0125-103-0063-00	4,5	unhardened	200<L<6000	5,5SK-5,5SK	variable	85

View weld END STYLES AND MEASUREMENTS

END STYLE HD



Nominal Diameter	Part No. / Drawing Reference	Wall Thickness	Hardness (HRC)	Length mm	End Style (inlet-outlet)	Weight net kg	Working Pressure Bar
125	1-0125-103-0054-01	7,1	unhardened	3000	5,0HD-5,0HD	71,5	130
125	1-0125-103-0054-00	7,1	unhardened	200<L<6000	5,0HD-5,0HD	variable	130
125	1-0125-103-0052-01	8,8	unhardened	3000	5,0HD-5,0HD	86,7	200
125	1-0125-103-0052-00	8,8	unhardened	200<L<6000	5,0HD-5,0HD	variable	200

View weld END STYLES AND MEASUREMENTS

ESSER 160 - STRAIGHT PIPES

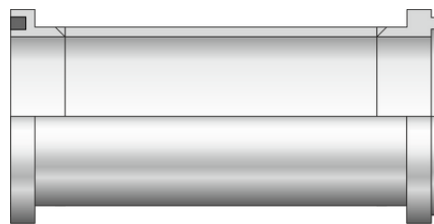
END STYLE ZX



Nominal Diameter	Part No. / Drawing Reference	Wall Thickness	Hardness (HRC)	Length mm	End Style (inlet-outlet)	Weight net kg	Working Pressure Bar
125	1-0125-102-0007-02	7,1	unhardened	3000	5,0ZXV—5,0ZXR	71,9	130
125	1-0125-102-0007-00	7,1	unhardened	200<L<6000	5,0ZXV—5,0ZXR	variable	130
125	1-0125-102-0020-01	8,8	unhardened	3000	5,5ZXV—5,5ZXR	85,2	200
125	1-0125-102-0020-00	8,8	unhardened	200<L<6000	5,5ZXV—5,5ZXR	variable	200

View weld END STYLES AND MEASUREMENTS

END STYLE SC



Nominal Diameter	Part No. / Drawing Reference	Wall Thickness	Hardness (HRC)	Length mm	End Style (inlet-outlet)	Weight net kg	Working Pressure Bar
125	1-0125-103-0060-01	7,1	unhardened	3000	5,0SCV160—5,0SCR160	71,5	160
125	1-0125-103-0060-00	7,1	unhardened	200<L<6000	5,0SCV160—5,0SCR160	variable	160

View weld END STYLES AND MEASUREMENTS

END STYLE HD

Nominal Diameter	Part No. / Drawing Reference	Radius mm	Degree°	Ends Style (inlet – outlet)	Dimension (a x b) mm	Weight net kg	Working Pressure Bar
125	1-0125-276-0102-00	1000	90	5,0HD-5,0HD	1040 x 1040	50,0	130
125	1-0125-276-0103-00	1000	45	5,0HD-5,0HD	321 x 775	27,5	130
125	1-0125-276-0104-00	1000	30	5,0HD-5,0HD	154 x 575	19,4	130
125	1-0125-276-0105-00	1000	15	5,0HD-5,0HD	44 x 377	11,3	130
125	1-0125-276-0096-00	1000	90	5,0HD-5,0HD	1040 x 1040	67,8	200
125	1-0125-276-0097-00	1000	45	5,0HD-5,0HD	321 x 775	35,5	200
125	1-0125-276-0098-00	1000	30	5,0HD-5,0HD	154 x 575	24,7	200
125	1-0125-276-0099-00	1000	15	5,0HD-5,0HD	44 x 377	13,6	200
125	1-0125-276-0106-00	240	90	5,0HD-5,0HD	280 x 280	19,3	200
125	1-0125-276-0107-00	240	45	5,0HD-5,0HD	99 x 238	11,6	200



View weld END STYLES AND MEASUREMENTS

END STYLE ZX

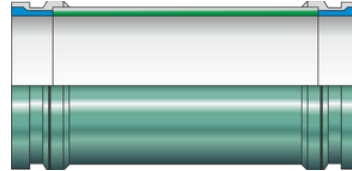
Nominal Diameter	Part No. / Drawing Reference	Radius mm	Degree°	Ends Style (inlet – outlet)	Dimension (a x b) mm	Weight net kg	Working Pressure Bar
125	1-0125-276-0029-00	1000	90	5,0ZXV-5,0ZXR	1150 x 1150	45,4	130
125	1-0125-276-0030-00	1000	45	5,0ZXV-5,0ZXR	400 x 965	27,4	130
125	1-0125-276-0031-00	1000	30	5,0ZXV-5,0ZXR	209 x 780	25,9	130
125	1-0125-276-0029-00	190	90	5,0ZXV-5,0ZXR	281 x 281	13,2	130
125	1-0125-276-0030-00	190	45	5,0ZXV-5,0ZXR	125 x 301	10,0	130
125	1-0125-276-0031-00	190	30	5,0ZXV-5,0ZXR	74 x 277	8,8	130



View weld END STYLES AND MEASUREMENTS

ESSER 400 - STRAIGHT PIPES

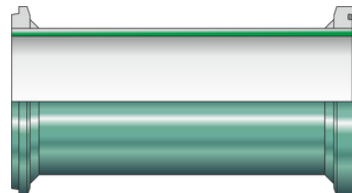
END STYLE HD



Nominal Diameter	Part No. / Drawing Reference	Wall Thickness	Hardness (HRC)	Length mm	End Style (inlet-outlet)	Weight net kg	Working Pressure Bar
125	1-0125-108-0014-01	7,1	45 HRC	3000	5,0HD - 5,0HD	72,8	130
125	1-0125-108-0014-00	7,1	45 HRC	200 < L < 6000	5,0HD - 5,0HD	variable	130
125	1-0125-108-0043-01	8,8	45 HRC	3000	5,0HD - 5,0HD	88,2	200
125	1-0125-108-0043-01	8,8	45 HRC	200 < L < 6000	5,0HD - 5,0HD	variable	200

View weld END STYLES AND MEASUREMENTS

END STYLE ZX



Nominal Diameter	Part No. / Drawing Reference	Wall Thickness	Hardness (HRC)	Length mm	End Style (inlet-outlet)	Weight net kg	Working Pressure Bar
125	1-0125-108-0010-02	7,1	45 HRC	3000	5,0ZXR - 5,0ZXV	71,9	130
125	1-0125-108-0010-00	7,1	45 HRC	200 < L < 6000	5,0ZXR - 5,0ZXV	variable	130
125	1-0125-108-0009-02	8,8	45 HRC	3000	5,0ZXR - 5,0ZXV	89,0	200
125	1-0125-108-0009-00	8,8	45 HRC	200 < L < 6000	5,0ZXR - 5,0ZXV	variable	200

View weld END STYLES AND MEASUREMENTS

END STYLE HD



Nominal Diameter	Part No. / Drawing Reference	Radius mm	Degree°	Ends Style (inlet-outlet)	Dimension (a x b) mm	Weight net kg	Working Pressure Bar
125	1-0125-279-0019-00	1000	90	5,0HD - 5,0HD	1040 x 1040	50,0	130
125	1-0125-279-0020-00	1000	45	5,0HD - 5,0HD	321 x 775	27,5	130
125	1-0125-279-0021-00	1000	30	5,0HD - 5,0HD	154 x 575	19,4	130
125	1-0125-279-0022-00	1000	15	5,0HD - 5,0HD	44 x 377	11,3	130
125	1-0125-279-0049-00	500	90	5,0HD - 5,0HD	532 x 532	26,8	130
125	1-0125-279-0013-00	1000	90	5,0HD - 5,0HD	1040 x 1040	71,8	200
125	1-0125-279-0034-00	500	90	5,0HD - 5,0HD	540 x 540	37,8	200
125	1-0125-279-0035-00	500	45	5,0HD - 5,0HD	175 x 422	20,8	200
125	1-0125-279-0017-00	240	90	5,0HD - 5,0HD	280 x 280	19,3	200
125	1-0125-279-0018-00	240	45	5,0HD - 5,0HD	99 x 238	11,6	200
125	1-0125-279-0036-00	240	30	5,0HD - 5,0HD	52 x 195	8,9	200

View weld END STYLES AND MEASUREMENTS

END STYLE ZX



Nominal Diameter	Part No. / Drawing Reference	Radius mm	Degree°	Ends Style (inlet-outlet)	Dimension (a x b) mm	Weight net kg	Working Pressure Bar
125	1-0125-279-0027-00	1000	90	5,0ZXV - 5,0ZXR	1000 x 1000	55,8	130
125	1-0125-279-0028-00	1000	45	5,0ZXV - 5,0ZXR	293 x 707	26,3	130
125	1-0125-279-0030-00	1000	30	5,0ZXV - 5,0ZXR	134 x 502	18,2	130
125	1-0125-279-0031-00	500	90	5,0ZXV - 5,0ZXR	500 x 500	24,5	130
125	1-0125-279-0032-00	500	45	5,0ZXV - 5,0ZXR	146 x 354	13,5	130
125	1-0125-279-0033-00	500	30	5,0ZXV - 5,0ZXR	64 x 250	9,5	130
125	1-0125-279-0045-00	190	90	5,0ZXV - 5,0ZXR	275 x 275	12,8	130

Other elbow measurements on request.

View weld END STYLES AND MEASUREMENTS

ESSER TWIN 900 - STRAIGHT PIPES

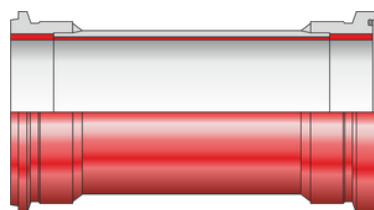
END STYLE HD



Nominal Diameter	Part No. / Drawing Reference	Wall Thickness mm	Hardness (HRC)	Length mm	Ends Style (inlet – outlet)	Weight net kg	Working Pressure Bar
125	1-0125-117-6009-02	9,3 (3,0+6,3)	67 HRC	3000	5,0HD—5,0HD	94,0	130
125	1-0125-117-6009-00	9,3 (3,0+6,3)	67 HRC	200 < L < 6000	5,0HD—5,0HD	variable	130

View weld END STYLES AND MEASUREMENTS

END STYLE ZX

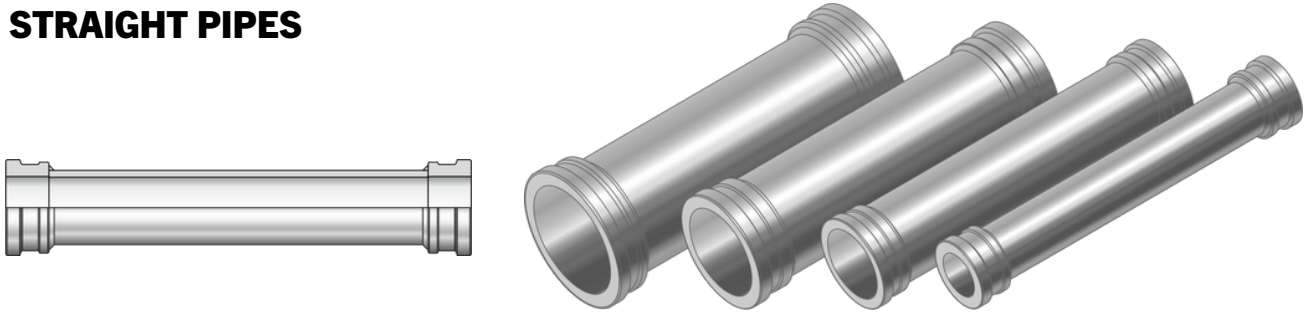


Nominal Diameter	Part No. / Drawing Reference	Wall Thickness mm	Hardness (HRC)	Length mm	Ends Style (inlet – outlet)	Weight net kg	Working Pressure Bar
125	1-0125-117-6005-02	9,3 (3,0+6,3)	67 HRC	3000	5,0ZXV—5,0ZXR	92,7	130
125	1-0125-117-6005-00	9,3 (3,0+6,3)	67 HRC	200 < L < 6000	5,0ZXV—5,0ZXR	variable	130

View weld END STYLES AND MEASUREMENTS

ESSER 160 - STRAIGHT PIPES

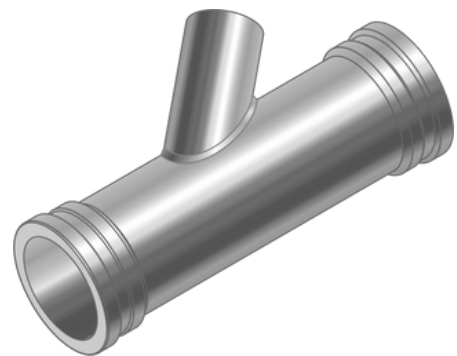
STRAIGHT PIPES



Nominal Diameter	Part No. / Drawing Reference	Wall Thickness mm	Hardness (HRC)	Length* mm	Ends Style (inlet – outlet)	Weight net kg	Working Pressure Bar
50	1-0050-103-0002-00	5,6	unhardened	3000	2,0HD - 2,0HD	23,4	85
80	1-0080-103-0004-00	5,6	unhardened	3000	3,0HD - 3,0HD	35,6	85
100	1-0100-103-0029-00	6,3	unhardened	3000	4,0HD - 4,0HD	51,8	85
100	1-0100-103-0030-00	4,0	unhardened	3000	4,0HD - 4,0HD	32,8	85
125	1-0125-103-0035-00	4,0	unhardened	3000	5,0HD - 5,0HD	40,7	85

View weld END STYLES AND MEASUREMENTS

*Available lengths from 200 to 6000 mm. In case of order please define length and drawing reference.



SPECIAL PIPES

Nominal Diameter	Part No. / Drawing Reference	Wall Thickness mm	Hardness (HRC)	Length mm	Ends Style (inlet - outlet)	Weight net kg	Working Pressure Bar	Note
80	1-0080-125-0001-00	5,6	unhardened	300	3,0HD - 3,0HD	4,5	85	G 1 ½" sleeve



ELBOWS

Nominal Diameter	Part No. / Drawing Reference	Degree°	Ends Style (inlet – outlet)	Dimension (a x b) mm	Weight net kg	Working Pressure Bar
50	1-0050-276-0003-00	90	2,0HD - 2,0HD	444 x 444	4,7	85
65	1-0065-277-0004-00	90	2,5HD - 2,5HD	444 x 444	8,2	85
80	1-0080-277-0002-00	90	3,0HD - 3,0HD	445 x 445	10,6	85
100	1-0100-276-0043-00	45	4,0HD - 4,0HD	160 x 388	8,6	85
125	1-0125-276-0132-00	90	5,0HD - 5,0HD	394 x 394	15,7	85
125	1-0125-276-0133-00	45	5,0HD - 5,0HD	131 x 317	10,0	85
80	1-0080-276-0029-00	45	3,0HD - 3,0HD	77 x 186	3,7	130
80	1-0080-276-0023-00	22	3,0HD - 3,0HD	27 x 139	2,7	130

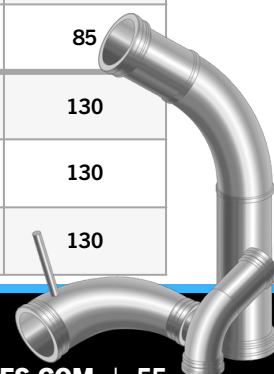
ELBOWS WITH HOLDER

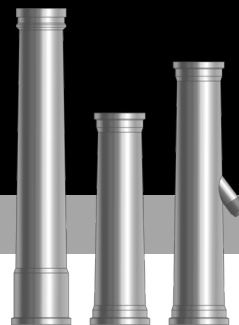
Nominal Diameter	Part No. / Drawing Reference	Degree°	Ends Style (inlet – outlet)	Dimension (a x b) mm	Weight net kg	Working Pressure Bar
50	1-0050-276-0003-00	90	2,0HD - 2,0HD	444 x 444	5,0	85
65	1-0065-277-0002-00	90	2,5HD - 2,5HD	444 x 444	7,2	85
65	1-0065-277-0003-00	90	3,0HD - 3,0HD	444 x 444	8,3	85
80	1-0080-277-0001-00	90	3,0HD - 3,0HD	456 x 456	11,0	85



SPECIAL ELBOWS

Nominal Diameter	Part No. / Drawing Reference	Note	Degree°	Ends Style (inlet – outlet)	Dimension (a x b) mm	Weight net kg	Working Pressure Bar
100	1-0100-276-0042-00	2 Ext.	60,7	4,0HD - 4,0HD	387 x 876	20,5	85
100	1-0100-276-0044-00	1 Ext.	45	4,0HD - 4,0HD	96 x 309	7,4	85
100	1-0100-276-0045-00	2 Ext.	65	4,0HD - 4,0HD	381 x 813	18,6	85
125	1-0125-276-0134-00	1 Ext.	45	5,0HD - 5,0HD	131 x 612	16,1	85
125	1-0125-277-0006-00	Reducer	90	5,0SCR - 4,0HD	229 x 241	13,4	85
125	1-0125-277-0003-00	Reducer	90	5,0HD - 4,0HD	229 x 229	9,98	130
125	1-0125-277-0004-00	Reducer + Holder	90	5,0HD - 4,0HD	229 x 229	11,2	130
125	1-0125-277-0005-00	Reducer	90	5,0HD - 3,0HD	229 x 229	9,2	130



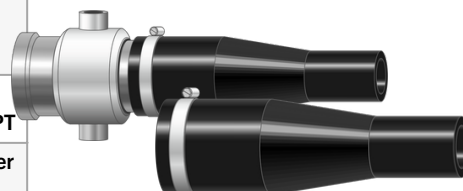


Inlet Nominal Diameter	Outlet Nominal Diameter	Part No. / Drawing Reference	Inlet End Style	Outlet End Style	Length mm	Working Pressure Bar
65	50	1-0065-200-0004-00	3,0SK	2,0HD	700	85
80	65	1-0080-200-0002-00	3,0HD	3,0SK	561	85
80	65	1-0080-200-0003-00	3,0HD	3,0SK	711	85
80	65	1-0080-200-0004-00	3,0HD	3,0SK	1016	85
80	50	1-0080-200-0006-00	3,0HD	2,0HD	711	85
80	65	1-0080-200-0009-00	3,0HD	2,5HD	561	85
100	75	1-0100-200-0016-00	4,0HD	3,0HD	711	85
100	75	1-0100-200-0017-00	4,0HD	3,0HD	914	85
100	75	1-0100-200-0018-00	4,0HD	3,0HD	915	85
100	75	1-0100-200-0019-00	4,0HD	3,0HD	711	85
125	100	1-0125-200-0014-00	5,0HD	4,0HD	761	85
125	80	1-0125-200-0016-00	5,0SCR	3,0HD	1600	85

View weld END STYLES AND MEASUREMENTS

ACCESSORIES

Inlet Nominal Diameter	Outlet Nominal Diameter	Part No. / Drawing Reference	Inlet End Style	Note
50	30	1-0050-448-0001-00	2,0HD	Thread 2 x 3/4" NPT
50	30	1-0050-448-0002-00	Plain	Only rubber nozzle



LEARN MORE ABOUT OUR UNPARALLELED

ADVANCED WELD PROTECTION TECHNOLOGY





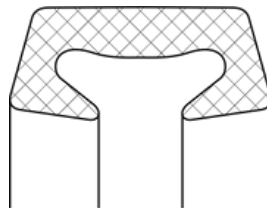
COUPLINGS & GASKETS

END STYLE SK SNAP COUPLINGS



	Size	End-Type	Pressure [bar]/[psi]	Part No./ Drawing Reference
Snap Coupling Metric Galvanized	3.0"	SK	85/1233	1-0080-520-0001-00
Snap Coupling Metric Galvanized	4.5"	SK	85/1233	1-0100-520-0001-00
Snap Coupling Metric with plate for mounting	4.5"	SK	85/1233	1-0100-520-0017-00
Snap Coupling Metric Galvanized	5.5"	SK	85/1233	1-0125-520-0001-00
Snap Coupling Metric Aluminum, light weight	5.5"	SK	85/1233	1-0125-520-0026-00
Snap Coupling Metric with plate for mounting	5.5"	SK	85/1233	1-0125-520-0027-00

GASKET (TYPE A)



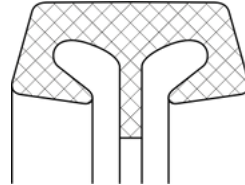
Size	End-Type	Part No. / Drawing Reference
3.0"	SK	2-0080-510-0003-00
4.5"	SK	2-0100-510-0011-00
5.5"	SK	2-0125-510-0011-00



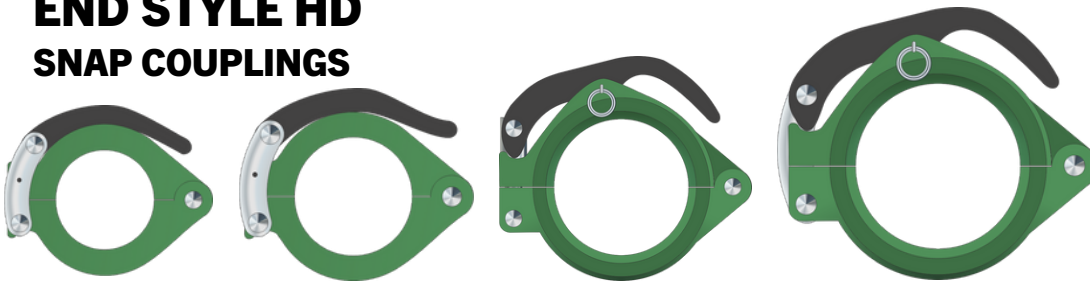
COUPLINGS & GASKETS

END STYLE SK GASKET (REINFORCED)

Size	End-Type	Part No. / Drawing Reference
4.5"	SK	2-0100-510-0013-00
5.5"	SK	2-0125-510-0014-00



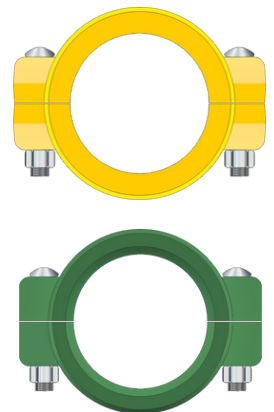
END STYLE HD SNAP COUPLINGS



	Size	End-Type	Pressure [bar]/[psi]	Part No./ Drawing Reference
Solid Link Non-Adjustable Snap Coupling (incl Gasket)	2.0"	HD	85/1233	1-0050-520-0002-00
Solid Link Non-Adjustable Snap Coupling (incl Gasket)	2.5"	HD	130/1885	1-0065-520-0006-00
Solid Link Non-Adjustable Snap Coupling (incl Gasket)	3.0"	HD	130/1885	1-0080-520-0005-00
Solid Link Adjustable Snap Coupling (incl Gasket)	4.0"	HD	130/1885	1-0100-520-0013-00
Solid Link Adjustable Snap Coupling (incl Gasket)	5.0"	HD	130/1885	1-0125-520-0022-00
Solid Link Non-Adjustable Snap Coupling (incl Gasket)	5.0"	HD	130/1885	1-0125-520-0023-00

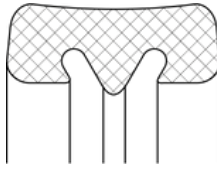
TWO BOLT COUPLINGS (HIGH PRESSURE)

	Size	End-Type	Pressure [bar]/[psi]	Part No./ Drawing Reference
High Pressure 2 Bolt (incl. Gasket)	4.0"	HD	200/2901	1-0100-520-0015-00
High Pressure 2 Bolt (incl. Gasket)	5.0"	HD	200/2901	1-0125-520-0024-00
Super High Pressure 2 Bolt (incl. Gasket)	5.0"	HD	300/4350	1-0125-520-0025-00



COUPLINGS & GASKETS

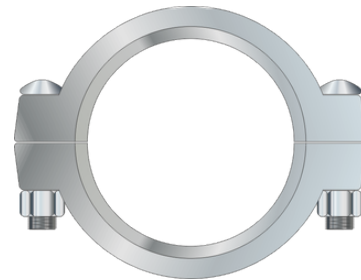
END STYLE HD GASKETS



Size	End-Type	Part No. / Drawing Reference
2.0"	HD	1-0050-510-0001-00
2.5"	HD	1-0060-510-0001-00
3.0"	HD	1-0080-510-0001-00
4.0"	HD	1-0100-510-0001-00
5.0"	HD	1-0125-510-0001-00
6.0"	HD	1-0150-510-0001-00

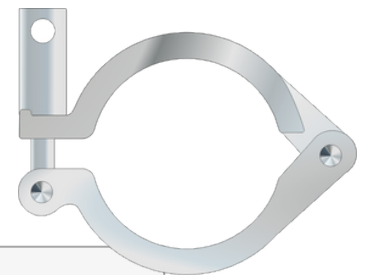


END STYLE ZX TWO BOLT COUPLINGS



	Size	End-Type	Pressure [bar]/[psi]	Part No./ Drawing Reference
High Pressure 2 Bolt	5.0"	ZX	130/1885	1-0125-520-0004-00
High Pressure 2 Bolt	5.5"	ZX	300/4350	1-0125-520-0009-00

TOGGLE COUPLINGS

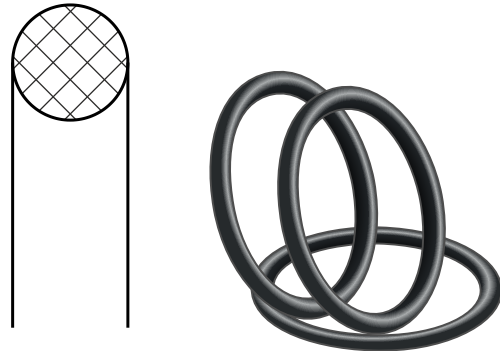


	Size	End-Type	Pressure [bar]/[psi]	Part No./ Drawing Reference
Toggle Coupling, Galvanized	5.0"	ZX	130/1885	1-0125-520-0002-00
Toggle Coupling, Galvanized	5.5"	ZX	300/4350	1-0125-520-0008-00

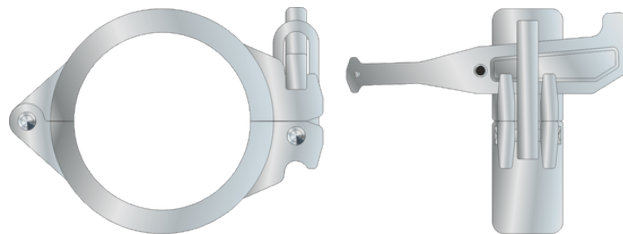
COUPLINGS & GASKETS

END STYLE ZX O-RING

Size	End-Type	Part No. / Drawing Reference
5.0"	ZX	8-0626-125-0001-00
5.5"	ZX	8-0626-125-0003-00



END STYLE SC WEDGE COUPLINGS



	Size	End-Type	Pressure [bar]/[psi]	Part No./ Drawing Reference
Wedge Coupling	5.0"	SC	200/2901	1-0125-520-0003-00
Wedge Coupling	6.0"	SC	200/2901	1-0150-520-0009-00

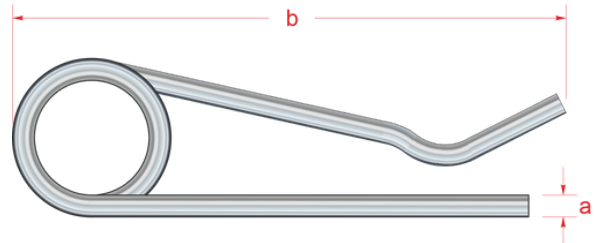
GASKET

Size	End-Type	Part No. / Drawing Reference
5.0"	SC	2-0125-510-0009-00



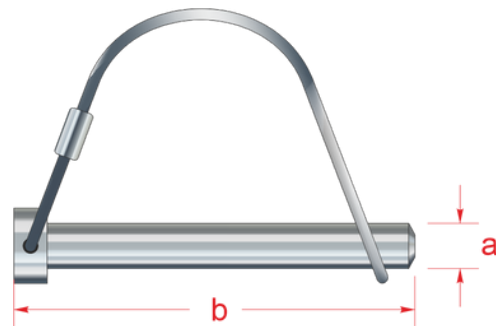
COUPLINGS & GASKETS

SPRING COTTER PIN



	a	b	Part No./ Drawing Reference
Spring Cotter Pin	5	110	3-0019-032-0001-00

FOLDING PIN



	a	b	Part No./ Drawing Reference
Folding Pin	6,5	70	3-0019-032-0002-00



AIR CUFF SHUT OFF VALVE

Connects to the concrete pumps control box to automatically stop the flow of concrete when the pump stops running. The Air Cuff automatically closes when pump is in OFF position and opens when the pump is in ON position or in reverse pumping mode for clean-out.

CONVENIENCE

- Easy to install- slides over hose
- Can be integrated into trucks air system
- Durable enough to be left installed on the truck

VERSATILE

- Fits all boom trucks
- Capable of controlling both fabric & wire discharge hoses
- Fits hose sizes from 3"-5" in diameter
- Available in both 12V and 24V kits

COST-EFFECTIVE

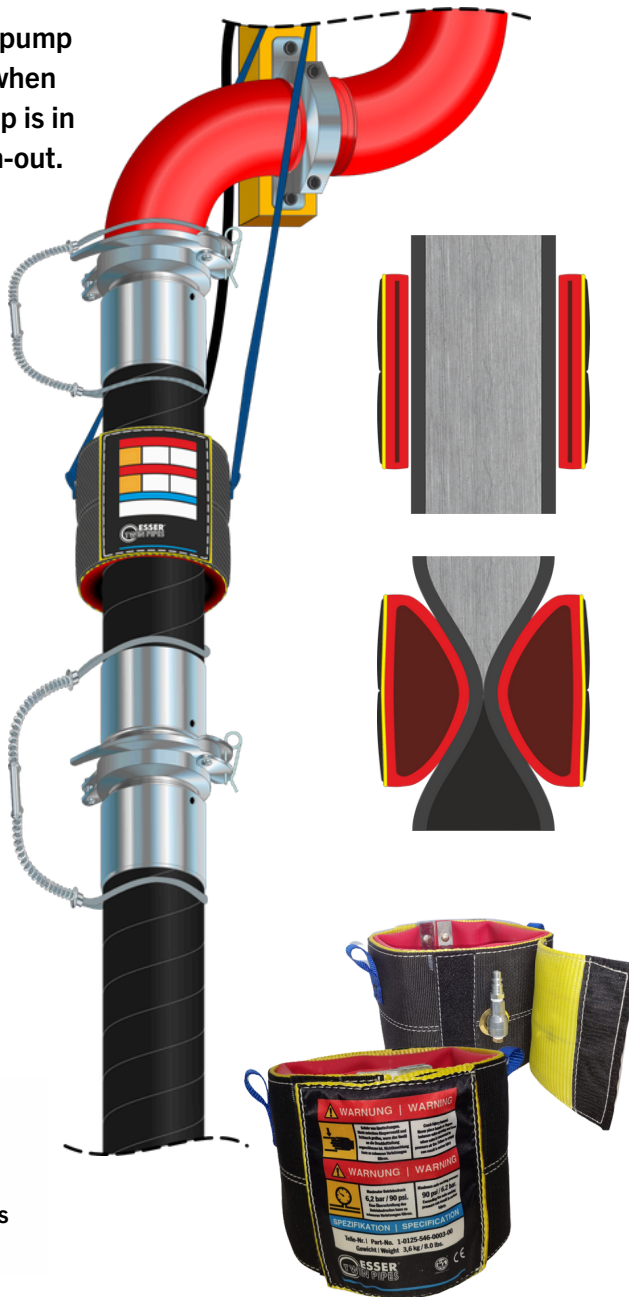
- Cycle time of 4 seconds eliminates spill & waste
- Manufactured with a replaceable bladder for extended use

PERFORMANCE

- Eliminates need to kink or wire the hose at the tip
- Simple controls increase operator mobility
- Lightweight, reinforced fabric design is extremely durable & flexible for easy storage

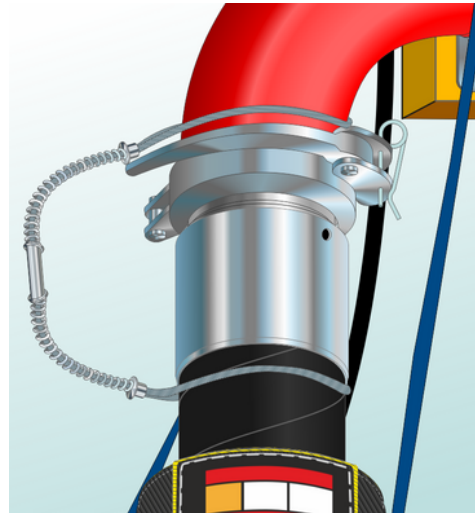
SAFETY

- Shut off valve stops air from getting trapped inside the pipeline & reduces chance for hose whip
- Fabric design promotes safety by absorbing impact forces
- Meets CE and ASME-B30.27 safety standards



For hoses with DN	Part No. / Drawing Reference	Description	Weight net kg
80 100 125	1-0125-546-0003-00	Aircuff Shut-Off Valve	3,6

SAFETY ROPE



For hoses with DN	Part No. / Drawing Reference	Description	Weight net kg
75 100 125	3-0006-006-0001-00	Safety rope for end hoses on truck-mounted concrete pumps. Secured the hose during disassembly.	0,2

 DID YOU KNOW?

ONE OF THE MOST COMMON JOB SITE INJURIES RELATING TO CONCRETE PUMPING IS HOSE WHIP.

Hose whip happens when air becomes trapped, pressurized, & then violently releases at the outlet of a concrete pumping hose.

THERE ARE 2 COMMON WAYS AIR GETS TRAPPED:

1

At the Hopper end, or inlet, of the concrete pump where air is inadvertently sucked in by the pump.

2

When the pump is turned off and, by the way of gravity, air is allowed to migrate its way into the pipeline.

Using the air cuff shut off valve can prevent the latter of the 2 incidences regarding hose whip. By closing off the flow of concrete when the pump is turned off, the concrete in the later sections of the boom will not drain and allow air to be trapped inside the pipeline, therefore reducing the chance for hose whip.

HOSE CADDY

Easy-to-use solution for concrete pumpers and contractors to protect the hose and all surface types during a project.

Lightweight yet durable & sturdy frame.

The non-marking reinforced plastic design creates a lightweight and waterproof product, made to last.

Ultimate protection & support for concrete hoses.

Hose Caddy concrete hose support system was invented to keep everything running smoothly from pump to pour.

Reduce premature hose wear.

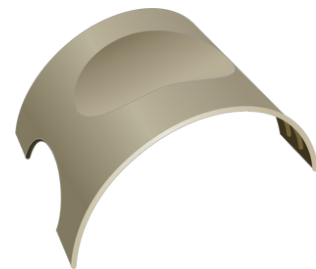
Keep hoses and clamps elevated and separated from rough surfaces for longer life by avoiding external damage caused by rubbing while actively pumping

Designed for simplicity & reliability.

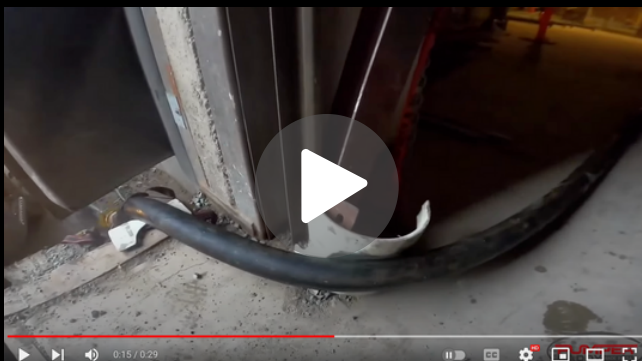
Designed with deep cradles and grooves that will secure your concrete hose in place without any other piece needed.

Hassle-free preparation & setup.

Conveniently ready to use straight out of the box with no assembly required



For DN	Width	Depth	Height	Part No./ Drawing Reference
80 100	260	210	130	3-0008-015-0003-00



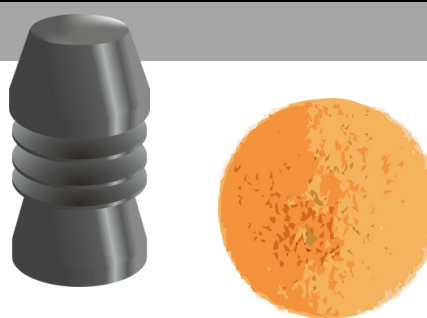
VIEW HOSE CADDY APPLICATIONS

SLICK-PAK

Slick-Pak has become the standard for concrete pump primers. It is a cost effective, more efficient replacement for bagged cement slurries. It is easy to mix and is ready for use in less than 15 minutes.



Part No. / Drawing Reference	Description	Weight net kg
3-0008-015-0004-00	SLICK-PAK 1 carton (60 pcs 8 oz bags)	0,227 per bag



PIPELINE CLEANING

Nominal Diameter	Part No./ Drawing Reference	Description	Weight net kg
125	1-0125-883-0001-00	Go-Devil, Polyutheran, 75 Shore.	0,2
150	1-0150-883-0001-01	Sponge Ball soft. Made of natural rubber.	0,4
150	1-0150-883-0001-02	Sponge Ball medium. Made of natural rubber.	0,4
175	1-0175-883-0001-01	Sponge Ball soft. Made of natural rubber.	0,5
175	1-0175-883-0001-02	Sponge Ball medium. Made of natural rubber.	0,6

HAMMER

NYLON INSERT: Tapping the delivery line to locate stoppers

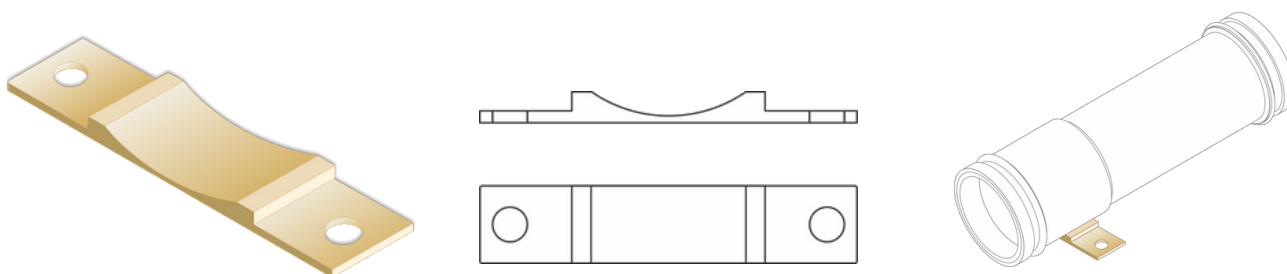
ALUMINUM INSERT WITH HOLE: As a power lever for opening couplings

Part No. / Drawing Reference	Description	Weight net kg
3-0008-015-0001-00	ESSER 2-Function Hammer	1,22



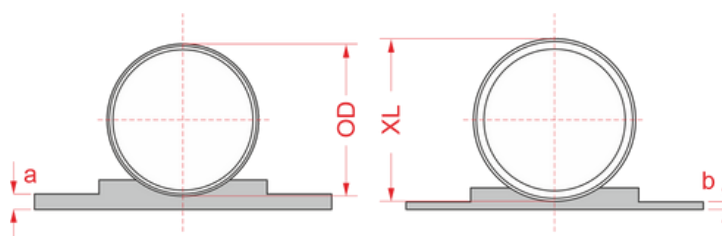
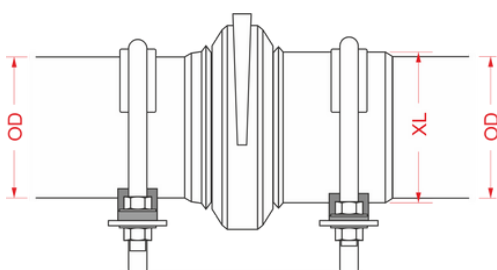
XL PIPE HOLDER PAD

XL - PIPE HOLDER PAD



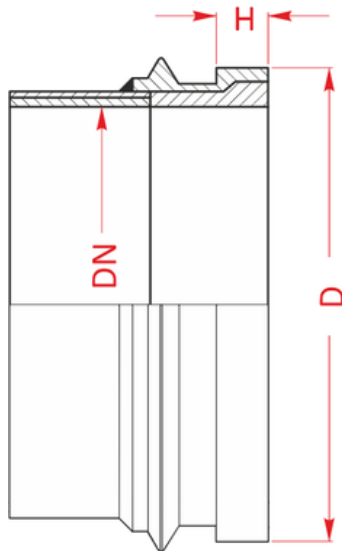
Specifically developed for the boom pipe holders of SCHWING truck-mounted concrete pumps. When using TWIN PIPES with XL weld-end extension (ESSER TWIN 900 XL), the pipe holder pads must be replaced to ensure centered alignment of the boom pipeline and a secure hold of the pipes

Part Number	DN	Ø OD	Ø XL	a	b
1-0125-540-0001-00	125 (5.0")	132	140	10	6
	112 (4.6")	127	127	10	6



WELD END STYLE MEASUREMENT

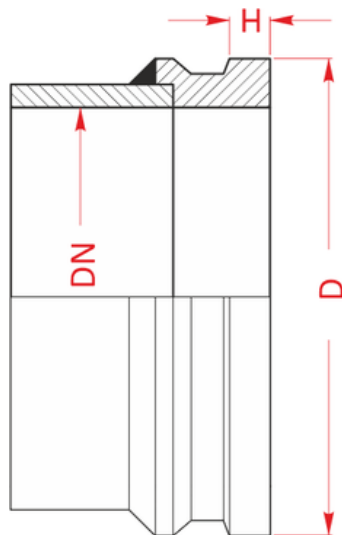
SK (Metric)



Weld-End Style	D	H
3,0SK	90	16
4,5SK	127	17
5,5SK	148	17
6,0SK	168	17
6,0SK22	168	22

All dimensions are rounded, without tolerances and given in mm.

HD (Hevi-Duty™)

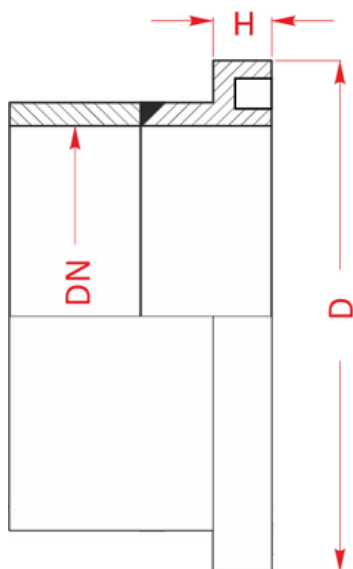


Weld-End Style	D	H
2,0HD	78	11
2,5HD	82	11
3,0HD	107	11
4,0HD	132	11
5,0HD	157	13
6,0HD	183	14

All dimensions are rounded, without tolerances and given in mm.

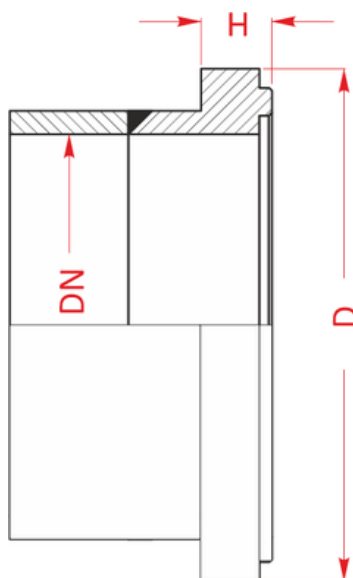
WELD END STYLE MEASUREMENT

SC



Weld-End Style	D	H
5,0SCR	166	22
6,0SCR	195	22
8,0SCR	225	22

All dimensions are rounded, without tolerances and given in mm.

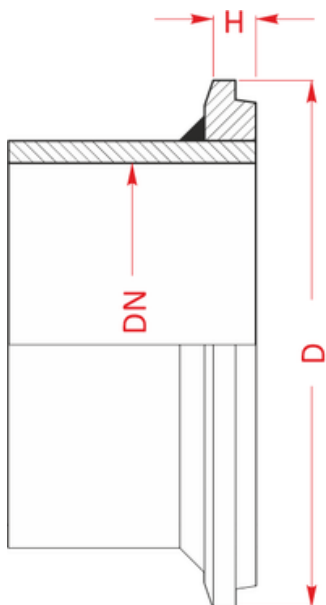


Weld-End Style	D	H
5,0SCV	166	22
6,0SCV	195	25
8,0SCV	225	27

All dimensions are rounded, without tolerances and given in mm.

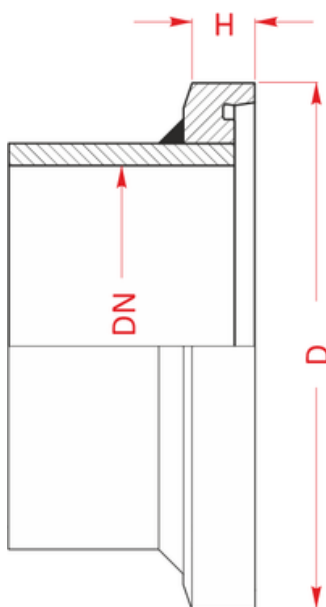
WELD END STYLE MEASUREMENT

ZX



Weld-End Style	D	H
5,0ZXV	175	14
5,5ZXV	175	15
6,0ZXV	205	12
8,0ZXV	253	16

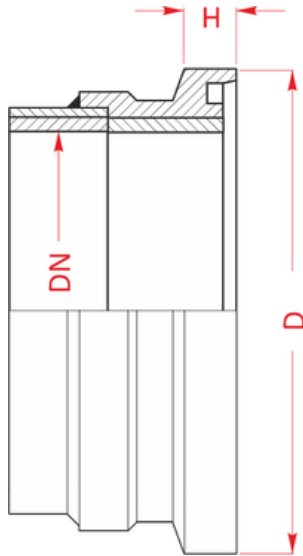
All dimensions are rounded, without tolerances and given in mm.



Weld-End Style	D	H
5,0ZXR	166	20
5,5ZXR	166	19
6,0ZXR	195	20
8,0ZXR	225	25

All dimensions are rounded, without tolerances and given in mm.

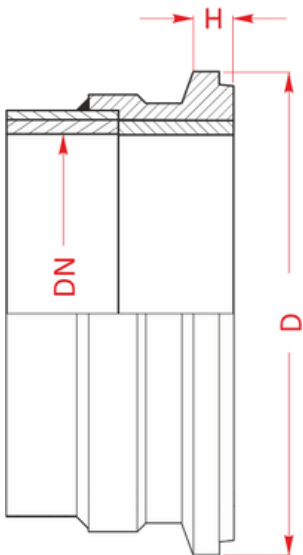
CB



Matching to weld-ends for Cifa (MZ), Liebherr and Sermac

Weld-End Style	D	H
4,0CBR	146	18
5,0CBR	168	18
6,0CBR	199	20
7,0CBR	227	20

All dimensions are rounded, without tolerances and given in mm.

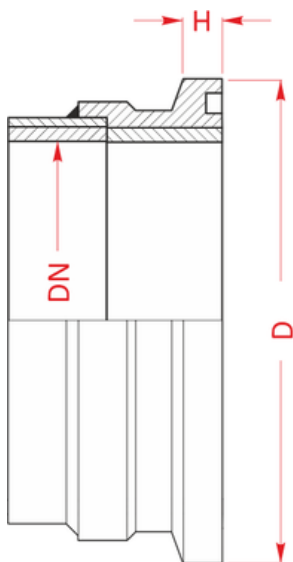


Matching to weld-ends for Cifa (FZ), Liebherr and Sermac

Weld-End Style	D	h2
4,0CBV	146	14
5,0CBV	168	14
6,0CBV	199	13

All dimensions are rounded, without tolerances and given in mm.

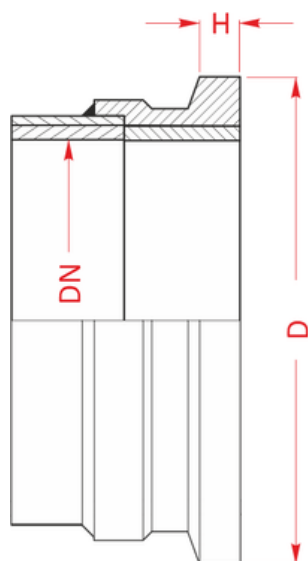
CB



Matching to weld-ends for Cifa (MP), Liebherr and Sermac

Weld-End Style	D	H
5,0CBN	168	13,5
6,0CBN	199	16

All dimensions are rounded, without tolerances and given in mm.



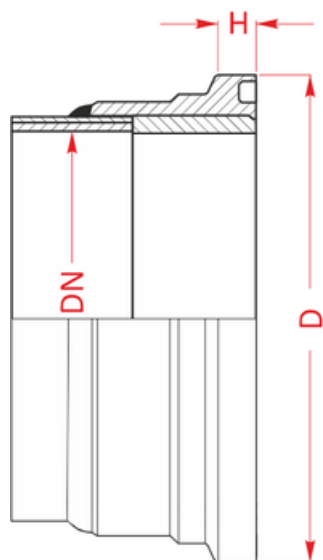
Matching to weld-ends for Cifa (FP), Liebherr and Sermac

Weld-End Style	D	H
5,0CB	168	13,5
6,0CB	199	13

All dimensions are rounded, without tolerances and given in mm.

WELD END STYLE MEASUREMENT

HF



Weld-End Style	D	H
5,5HF	159	13

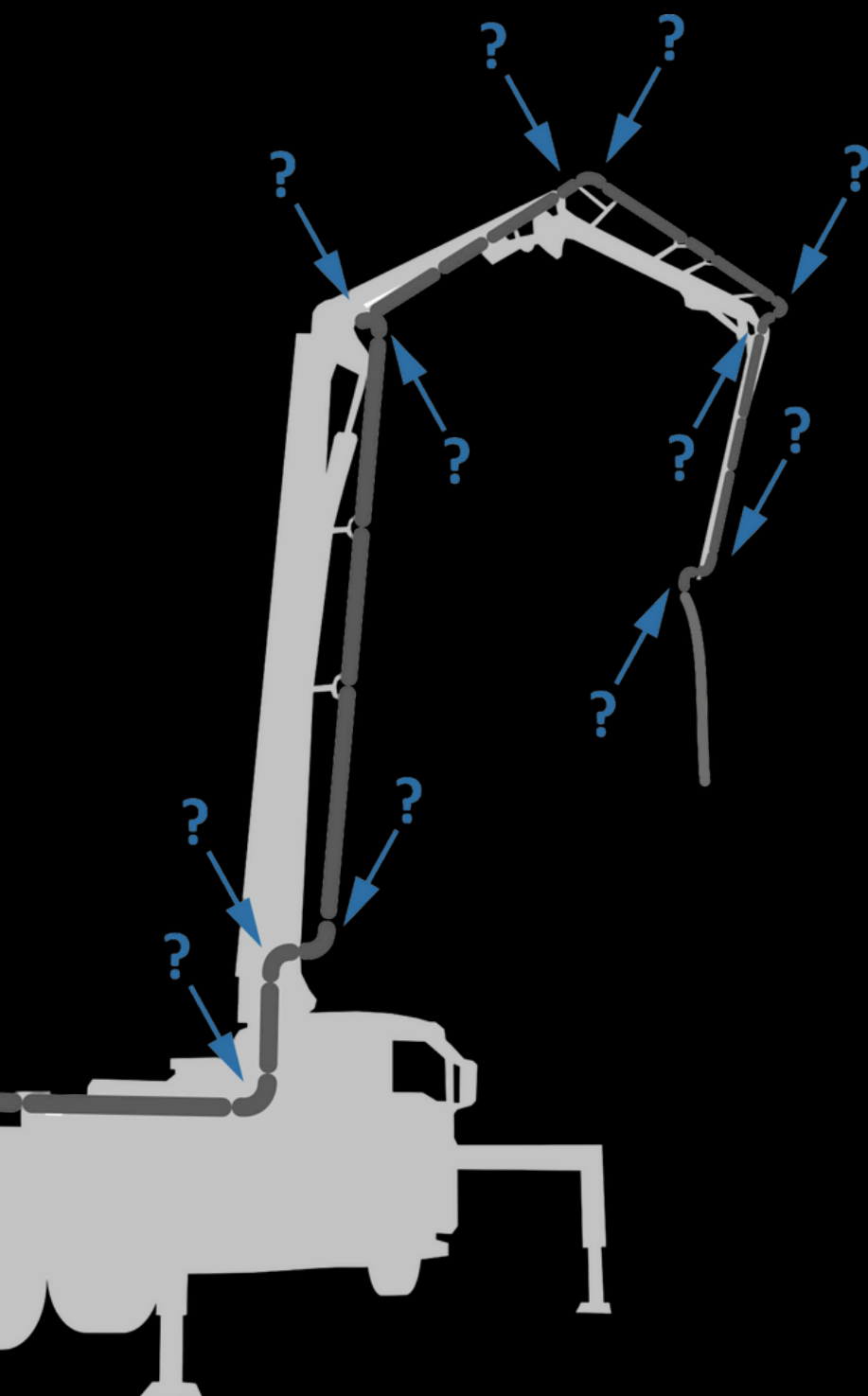
All dimensions are rounded, without tolerances and given in mm.

IDENTIFICATION OF ELBOWS

TO BE USED WITH TRUCK MOUNTED CONCRETE PUMPS & TRUCK MIXER CONCRETE PUMPS

**DID YOU
KNOW?**

If an elbow cannot be clearly identified because type plates are missing or illegible, or if the piping plan and spare parts list of the machine are not available, a determination is nevertheless possible by specifying certain dimensions



1

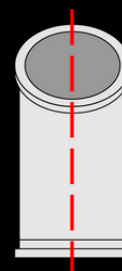
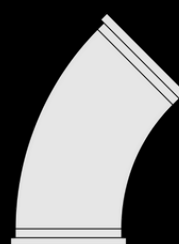
Tell us the machine type, if available the serial number and manufacturer.

2

Give us the position within the pipeline (e.g.: third arm, deck, behind the reducer, etc.)

3

Position the elbow in this way that you can take the measurements over the longitudinal section.



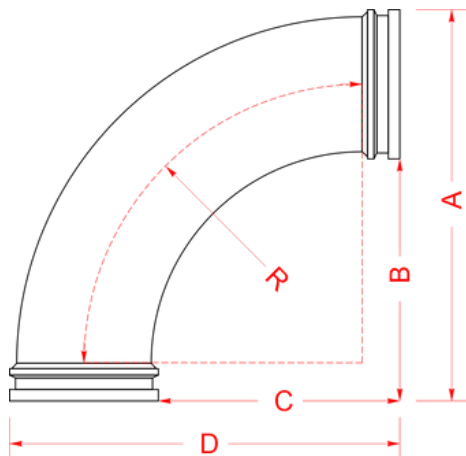
4

Give us the weld-end style in the inlet and outlet of the elbow. (e.g.: 5,5SK both sides or 5,5SK-5,5SK...)

IDENTIFICATION OF ELBOWS

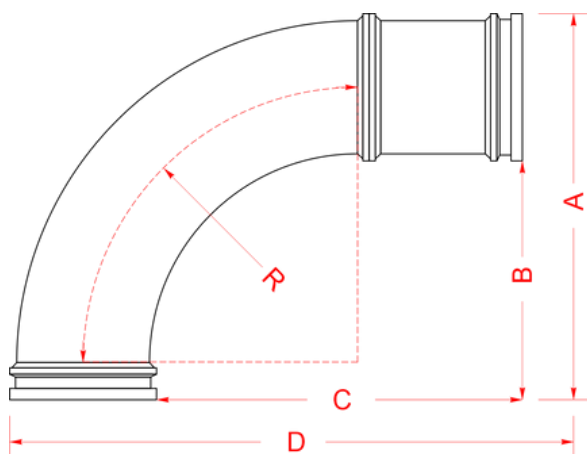
TO BE USED WITH TRUCK MOUNTED CONCRETE PUMPS & TRUCK MIXER CONCRETE PUMPS

IDENTIFICATION OF ELBOWS 90°



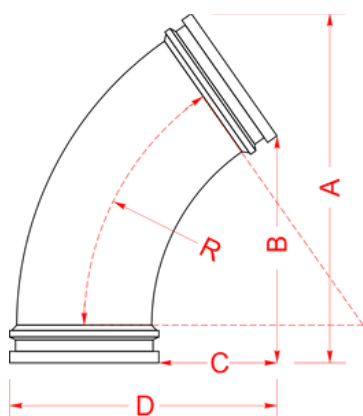
A		mm
B		mm
C		mm
D		mm
R		mm

IDENTIFICATION OF ELBOWS 90° WITH EXTENSION

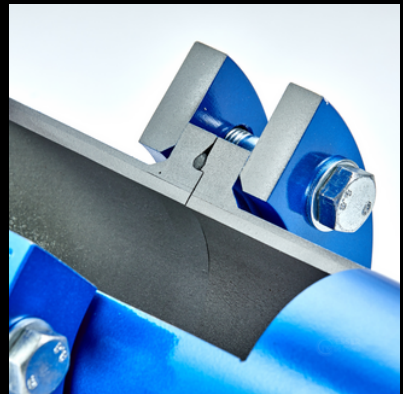
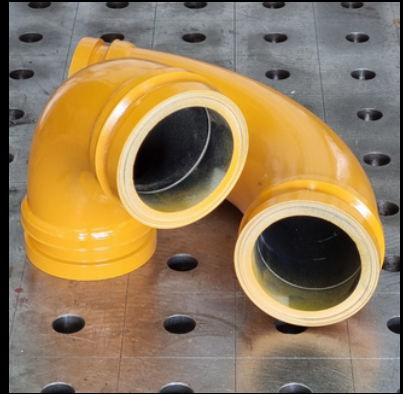


A		mm
B		mm
C		mm
D		mm
R		mm

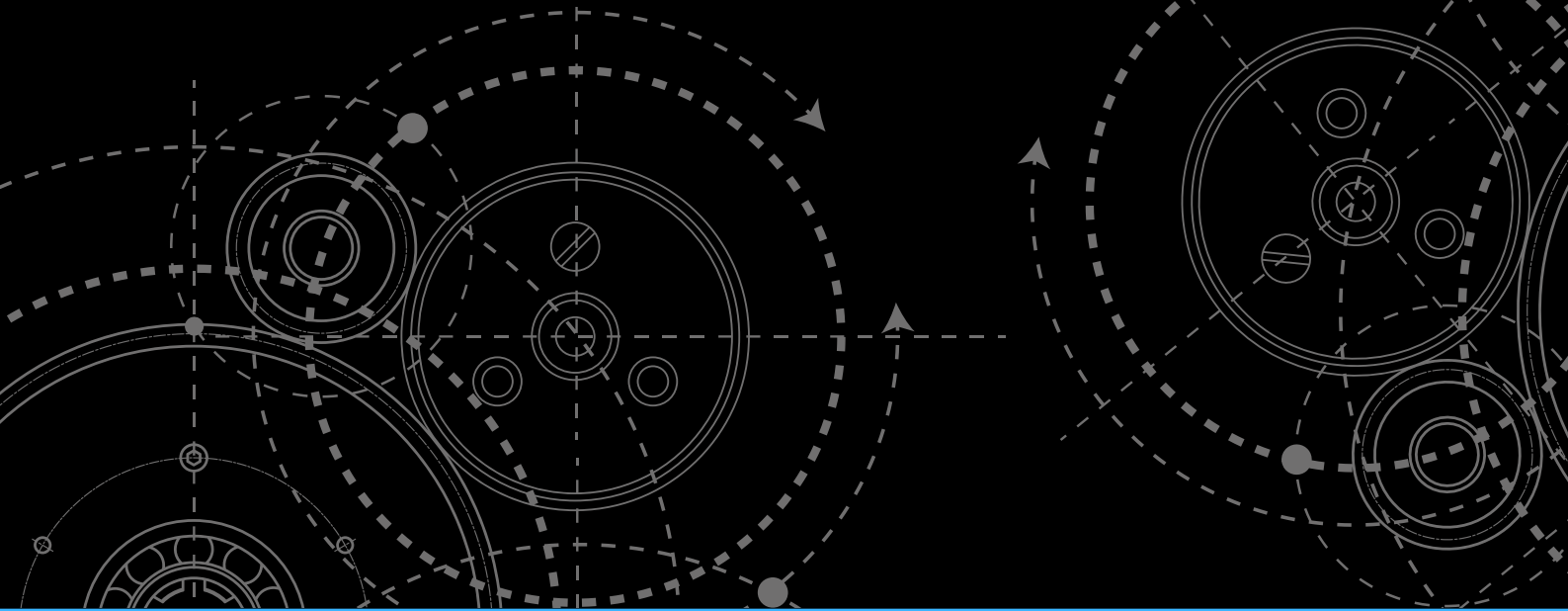
IDENTIFICATION OF ELBOWS $X < 90^\circ$



A		mm
B		mm
C		mm
D		mm
R		mm



**All products are subject to technical changes. Our products are subject to constant quality control and further development. These are carried out in order to maintain or improve their functions and performance. Illustrations and information in this catalog may therefore differ, as it is not always possible to update them in time, particularly in the case of printed versions of the catalog. However, we guarantee full functionality in the applications for which our products are intended.*



T 0049-2902-896-0
F 0049-2902-896-103



sales@esser-werke.de



ESSER-WERKE GMBH
ZUM PUDELHAMMER 25
59581 WARSTEIN GERMANY



CONTACT US