



**Werthenbach**

Kompetenz, die bewegt

## Hose Accessories

### Aerospace Parts - Catalogue 4



## Table of Content

<b>1. Hose Accessories</b> .....	<b>4</b>
1.1. <i>ADDITIONAL SLEEVES</i> .....	5
1.1.1. FIRE SLEEVE AEROQUIP AE102 / AS1072 .....	5
1.1.2. REPAIR SLEEVE AEROQUIP AE272 FLEXWRAP .....	6
1.1.3. CLAMPS FOR FIRE SLEEVE .....	6
1.1.4. EXTERNAL COIL .....	7
1.1.5. SHRINK SLEEVE, FUEL / DIESEL RESISTANT .....	8
1.1.6. SHRINK SLEEVE, POLYOLEFIN .....	9
1.2. <i>Other Accessories</i> .....	10
1.2.1. IDENTIFICATION TAPES .....	10
1.2.2. IDENTIFICATION TAGS .....	13
<b>2. Part Number Index</b> .....	<b>17</b>

# 1. Hose Accessories

## 1.1. ADDITIONAL SLEEVES

### 1.1.1. FIRE SLEEVE AEROQUIP AE102 / AS1072



Sleeve Inner Diameter		Sleeve Outer Diameter		Weight	Part Number	Proposed Clamp
inch	mm	inch	mm	kg/m		
0.31	7,8	0.62	15,8	0,150	<b>AE102-5</b> (AS1072-5) --	900591B1C
0.38	9,6	0.69	17,6	0,169	<b>AE102-6</b> (AS1072-6) (5640-01-513-0151)	900591B1C
0.44	11,1	0.78	19,9	0,190	<b>AE102-7</b> (AS1072-7) (5640-01-065-1741)	900591B1C
0.50	12,7	0.84	21,4	0,210	<b>AE102-8</b> (AS1072-8) (5640-00-568-4687)	900591B1C
0.56	14,2	0.90	22,9	0,230	<b>AE102-9</b> (AS1072-9) (5640-01-103-8487)	900591B2C
0.62	15,7	0.97	24,7	0,280	<b>AE102-10</b> (AS1072-10) (5640-01-064-3315)	900591B2C
0.69	17,5	1.03	26,2	0,300	<b>AE102-11</b> (AS1072-11) (5640-00-781-9633)	900591B2C
0.75	19,0	1.09	27,7	0,330	<b>AE102-12</b> (AS1072-12) (5640-00-469-7723)	900591B2C
0.81	20,5	1.15	29,3	0,340	<b>AE102-13</b> (AS1072-13) (5640-00-496-8226)	900591B2C
0.88	22,3	1.22	31,0	0,390	<b>AE102-14</b> (AS1072-14) (5640-01-009-0041)	900591B2C
1.00	25,4	1.38	35,1	0,490	<b>AE102-16</b> (AS1072-16) (5640-00-568-4640)	900591B3C
1.12	28,4	1.50	38,1	0,520	<b>AE102-18</b> (AS1072-18) (5640-00-507-4104)	900591B3C
1.25	31,7	1.59	40,4	0,550	<b>AE102-20</b> (AS1072-20) (5640-00-421-3818)	900591B3C
1.38	35,0	1.75	44,5	0,650	<b>AE102-22</b> (AS1072-22) (5640-00-096-7719)	900591B3C
1.50	38,1	1.90	48,3	0,710	<b>AE102-24</b> (AS1072-24) (5640-00-540-5878)	900591B3C
1.62	41,1	1.95	49,6	0,520	<b>AE102-26</b> (AS1072-26) (5640-00-507-4071)	900591B4C
1.75	43,1	2.06	52,4	0,550	<b>AE102-28</b> (AS1072-28) (5640-00-096-7733)	900591B4C
1.88	47,7	2.19	55,7	0,640	<b>AE102-30</b> (AS1072-30) (5640-01-240-4036)	900591B4C
2.00	50,8	2.32	59,0	0,720	<b>AE102-32</b> (AS1072-32) (5640-00-868-6087)	900591B4C
2.38	60,4	2.74	69,6	0,940	<b>AE102-38</b> (AS1072-38) (4720-01-201-8036)	900591B5C
2.62	66,5	2.96	75,2	1,075	<b>AE102-42</b> (AS1072-42) --	900591B5C
2.88	73,1	3.27	83,1	1,150	<b>AE102-46</b> (AS1072-46) --	900591B5C

## 1.1.2. REPAIR SLEEVE AEROQUIP AE272 FLEXWRAP



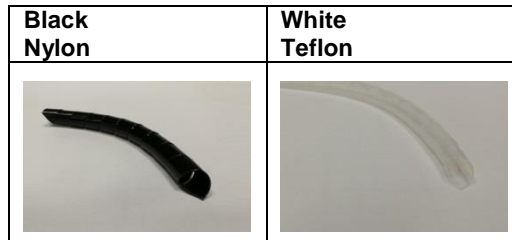
Width when unrolled		Weight kg/m	Part Number	Use for Hose Diameter up to: mm	Proposed Clamp
inch	mm				
4,50	114,3	0,23	<b>AE272-3</b> (4720-01-480-0040)	15	900591B1C
5,50	139,7	0,29	<b>AE272-4</b> (5970-01-266-3937)	18	900591B2C
7,00	177,8	0,36	<b>AE272-6</b> (4720-01-375-1496)	23	900591B2C
9,00	228,6	0,46	<b>AE272-9</b> (4720-01-565-7034)	29	900591B3C
10,00	254,0	0,52	<b>AE272-11</b> (4720-01-565-7035)	32	900591B3C
12,75	323,9	0,60	<b>AE272-13</b> --	41	900591B4C
16,00	406,4	0,71	<b>AE272-16!!!</b> --	52	900591B4C
17,50	444,5	0,78	<b>AE272-14</b> --	57	900591B5C
23,00	584,2	1,01	<b>AE272-15</b> --	74	900591B5C

## 1.1.3. CLAMPS FOR FIRE SLEEVE



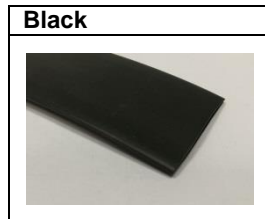
Clamp Inner Diameter		Weight kg/m	Part Number
inch	mm		
1,00	25,0	0,010	<b>900591B1C</b> (4730-00-015-1418)
1,50	38,0	0,012	<b>900591B2C</b> (4730-00-996-8258)
2,00	51,0	0,014	<b>900591B3C</b> (4730-00-450-5498)
2,75	70,0	0,016	<b>900591B4C</b> (5340-00-955-9690)
3,50	89,0	0,020	<b>900591B5C</b> (4730-01-082-4886)

## 1.1.4. EXTERNAL COIL



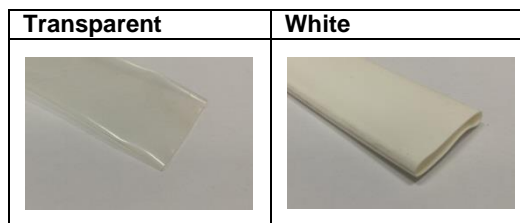
Sleeve Inner Diameter		Sleeve Outer Diameter		Weight	Part Number	Part Number
inch	mm	inch	mm	kg/m		
0.204	5,2	0.250	6,4	0,015	<b>AE208-4</b> (AS1294-4) (5975-00-728-9641)	--
0.268	6,8	0.298	7,6	0,015	--	<b>AE268-4</b> (AS1293-4) --
0.436	11,1	0.500	12,7	0,035	<b>AE208-10</b> (AS1294-10) (9330-00-011-2000)	--
0.489	12,4	0.524	13,3	0,040	--	<b>AE268-10</b> (AS1293-10) --
0.680	17,3	0.750	19,1	0,070	<b>AE208-12</b> -- --	--
0.981	24,9	1.021	25,9	0,075	--	<b>AE268-14</b> (AS1293-14) --

## 1.1.5. SHRINK SLEEVE, FUEL / DIESEL RESISTANT

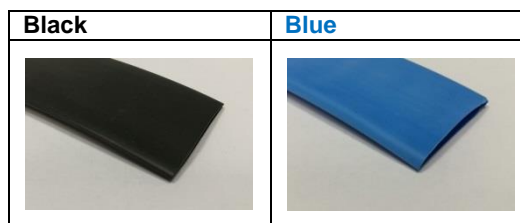


Diameter before shrinking		Diameter after shrinking		Weight	Part Number
inch	mm	inch	mm	kg/m	
1/8	3,2	1/16	1,6	0,020	<b>DR-25-1/8-0</b> --
3/16	4,8	3/32	2,4	0,025	<b>DR-25-3/16-0</b> --
1/4	6,4	1/8	3,2	0,030	<b>DR-25-1/4-0</b> (M23053/16-001-0)
3/8	9,5	3/16	4,8	0,035	<b>DR-25-3/8-0</b> (M23053/16-002-0)
1/2	12,7	1/4	6,4	0,055	<b>DR-25-1/2-0</b> (M23053/16-003-0)
3/4	19,0	3/8	9,5	0,075	<b>DR-25-3/4-0</b> (M23053/16-004-0)
1	25,4	1/2	12,7	0,080	<b>DR-25-1-0</b> (M23053/16-005-0)
1_1/2	38,0	3/4	19,0	0,170	<b>DR-25-1-1/2-0</b> (M23053/16-006-0)
2	51,0	1	25,4	0,250	<b>DR-25-2-0</b> (M23053/16-007-0)
3	76,0	1_1/2	38,0	0,300	<b>DR-25-3-0</b> (M23053/16-008-0)

## 1.1.6. SHRINK SLEEVE, POLYOLEFIN



Diameter before shrinking		Diameter after shrinking		Weight kg/m	Part Number	Part Number
inch	mm	inch	mm			
1/2	12,7	1/4	6,4	0,016	<b>FT275-1270 Transp.</b> (M23053/5-208-C)	<b>FT100-1270 White</b> (M23053/5-108-9)
3/4	19,1	3/8	9,5	0,032	<b>FT275-1900 Transp.</b> (M23053/5-209-C)	<b>FT100-1900 White</b> (M23053/5-109-9)
1	25,4	1/2	12,7	0,046	<b>FT275-2540 Transp.</b> (M23053/5-210-C)	<b>FT100-2540 White</b> (M23053/5-110-9)
1_1/2	38,0	3/4	19,1	0,076	<b>FT275-3800 Transp.</b> (M23053/5-211-C)	<b>FT100-3800 White</b> (M23053/5-111-9)



Diameter before shrinking		Diameter after shrinking		Weight kg/m	Part Number	Part Number
inch	mm	inch	mm			
1/2	12,7	1/4	6,4	0,016	<b>FT100-1270 Black</b> (M23053/5-108-0)	<b>FT100-1270 Blue</b> (M23053/5-108-6)
3/4	19,1	3/8	9,5	0,032	<b>FT100-1900 Black</b> (M23053/5-109-0)	<b>FT100-1900 Blue</b> (M23053/5-109-6)
1	25,4	1/2	12,7	0,046	<b>FT100-2540 Black</b> (M23053/5-110-0)	<b>FT100-2540 Blue</b> (M23053/5-110-6)
1_1/2	38,0	3/4	19,1	0,076	<b>FT100-3800 Black</b> (M23053/5-111-0)	<b>FT100-3800 Blue</b> (M23053/5-111-6)



Diameter before shrinking		Diameter after shrinking		Weight kg/m	Part Number	Part Number	Part Number
inch	mm	inch	mm				
1/2	12,7	1/4	6,4	0,016	<b>FT100-1270 Green</b> (M23053/5-108-5)	<b>FT100-1270 Red</b> (M23053/5-108-2)	<b>FT100-1270 Yellow</b> (M23053/5-108-4)
3/4	19,1	3/8	9,5	0,032	<b>FT100-1900 Green</b> (M23053/5-109-5)	<b>FT100-1900 Red</b> (M23053/5-109-2)	<b>FT100-1900 Yellow</b> (M23053/5-109-4)
1	25,4	1/2	12,7	0,046	<b>FT100-2540 Green</b> (M23053/5-110-5)	<b>FT100-2540 Red</b> (M23053/5-110-2)	<b>FT100-2540 Yellow</b> (M23053/5-110-4)
1_1/2	38,0	3/4	19,1	0,076	<b>FT100-3800 Green</b> (M23053/5-111-5)	<b>FT100-3800 Red</b> (M23053/5-111-2)	<b>FT100-3800 Yellow</b> (M23053/5-111-4)

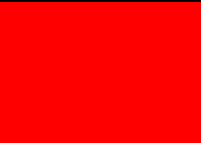





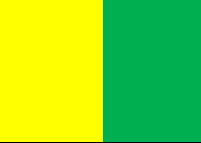



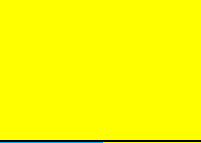

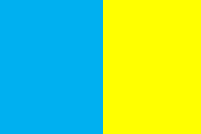





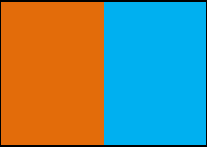

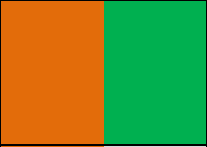

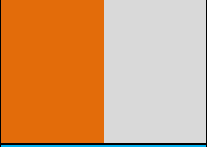

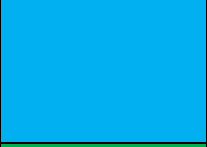




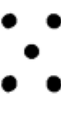


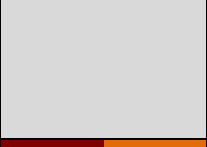




## 1.2. Other Accessories

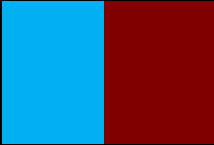

### 1.2.1. IDENTIFICATION TAPES



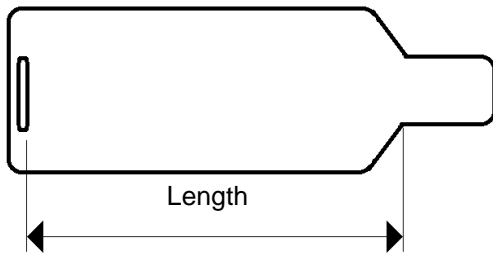
Identification tapes acc. to LN9105

Number	Lettering		Color-Code	Symbol	Part Number
	GERMAN	ENGLISH			
01	KRAFTSTOFF	FUEL			LN9105 A 01 K
02	RAKETE SAUERSTOFFTRÄGER	ROCKET OXYDIZER			LN9105 A 02 K
03	RAKETE KRAFTSTOFF	ROCKET FUEL			LN9105 A 03 K
04	RAKETE KATALYSATOR	ROCKET CATALYST			LN9105 A 04 K
05	WASSEREINSPRITZUNG	WATER INJECTION			LN9105 A 05 K
06	SCHMIERSTOFF	LUBRICATION			LN9105 A 06 K
07	HYDRAULIK	HYDRAULIC			LN9105 A 07 K

Number	Lettering		Color-Code	Symbol	Part Number
	GERMAN	ENGLISH			
08	DRUCKGAS	COMPRESSED GAS			LN9105 A 08 K
09	DRUCKLUFT	PNEUMATIC			LN9105 A 09 K
10	INERTGAS	INERTING			LN9105 A 10 K
11	INSTRUMENTENLUFT	INSTRUMENT AIR			LN9105 A 11 K
12	KÜHLMITTEL	COOLANT			LN9105 A 12 K
13	ATEMSAUERSTOFF	BREATHING OXYGEN			LN9105 A 13 K
14	KLIMATISIERUNG	AIR CONDITIONING			LN9105 A 14 K
15	FEUERLÖSCHMITTEL	FIRE PROTECTION			LN9105 A 15 K
16	ENTEISUNG	DE-ICING			LN9105 A 16 K
17	ELEKTRISCHE LEITUNG	ELECTRICAL CONDUID			LN9105 A 17 K
18	Can be labeled as desired				LN9105 A 18 K
19					LN9105 A 19 K

Number	Lettering		Color-Code	Symbol	Part Number
	GERMAN	ENGLISH			
20				→	LN9105 A 20 K
21	Can be labeled as desired				LN9105 A 21 K
22	LÖSUNGSMITTEL	SOLVENT			LN9105 A 22 K

## 1.2.2. IDENTIFICATION TAGS



Length (mm)	Minimum Hose OD (mm)	Maximum Hose OD (mm)	Part Number
18,3	5,9	8,3	<b>23056-1-15*</b>
21,4	6,9	9,3	23056-1-19
22,1	7,1	9,5	23056-1-20
23,1	7,4	9,8	<b>23056-1-21*</b>
23,9	7,7	10,1	23056-1-22
25,4	8,1	10,5	<b>23056-1-24*</b>
28,7	9,2	11,6	<b>23056-1-28*</b>
30,2	9,7	12,1	<b>23056-1-30*</b>
31,8	10,2	12,6	<b>23056-2-0*</b>
33,3	10,6	13,1	<b>23056-2-2*</b>
34,8	11,1	13,5	<b>23056-2-4*</b>
36,6	11,7	14,1	<b>23056-2-6*</b>
37,3	11,9	14,3	23056-2-7
38,1	12,2	14,6	23056-2-8
38,9	12,4	14,8	23056-2-9
39,6	12,7	15,1	<b>23056-2-10*</b>
40,4	12,9	15,3	23056-2-11
41,4	13,2	15,6	<b>23056-2-12*</b>
42,2	13,5	15,9	23056-2-13
42,9	13,7	16,1	23056-2-14
43,7	14	16,4	23056-2-15
44,5	14,2	16,6	<b>23056-2-16*</b>
45,2	14,4	16,9	23056-2-17
46,0	14,7	17,1	<b>23056-2-18*</b>
46,7	14,9	17,3	<b>23056-2-19*</b>
47,5	15,2	17,6	23056-2-20
48,5	15,5	17,9	23056-2-21
50,8	16,2	18,6	<b>23056-2-24*</b>
51,6	16,5	18,9	23056-2-25
52,3	16,7	19,1	<b>23056-2-26*</b>
54,1	17,3	19,7	<b>23056-2-28*</b>
54,9	17,5	19,9	23056-2-29
55,6	17,8	20,2	<b>23056-2-30*</b>
57,2	18,3	20,7	<b>23056-3-0*</b>
57,9	18,5	20,9	23056-3-1
58,7	18,7	21,1	23056-3-2
60,2	19,2	21,6	23056-3-4
61,2	19,5	22	23056-3-5
62,0	19,8	22,2	<b>23056-3-6*</b>
63,5	20,3	22,7	<b>23056-3-8*</b>
64,3	20,5	22,9	23056-3-9
65,0	20,8	23,2	<b>23056-3-10*</b>
66,8	21,3	23,7	23056-3-12
67,6	21,6	24	23056-3-13

Length (mm)	Minimum Hose OD (mm)	Maximum Hose OD (mm)	Part Number
68,3	21,8	24,2	<b>23056-3-14*</b>
69,1	22,1	24,5	<b>23056-3-15*</b>
69,9	22,3	24,7	<b>23056-3-16*</b>
71,4	22,8	25,2	23056-3-18
72,9	23,3	25,7	23056-3-20
73,9	23,6	26	<b>23056-3-21*</b>
74,7	23,8	26,2	23056-3-22
76,2	24,3	26,7	<b>23056-3-24*</b>
77,7	24,8	27,2	23056-3-26
79,5	25,4	27,8	23056-3-28
81,0	25,9	28,3	<b>23056-3-30*</b>
81,8	26,1	28,5	<b>23056-3-31*</b>
82,6	26,3	28,7	<b>23056-4-0*</b>
84,1	26,8	29,2	<b>23056-4-2*</b>
85,6	27,3	29,7	23056-4-4
86,6	27,6	30	23056-4-5
87,4	27,9	30,3	23056-4-6
88,1	28,1	30,5	23056-4-7
88,9	28,4	30,8	23056-4-8
90,4	28,8	31,3	<b>23056-4-10*</b>
91,2	29,1	31,5	23056-4-11
92,2	29,4	31,8	23056-4-12
93,0	29,7	32,1	<b>23056-4-13*</b>
93,7	29,9	32,3	23056-4-14
95,3	30,4	32,8	<b>23056-4-16*</b>
96,0	30,6	33	23056-4-17
96,8	30,9	33,3	23056-4-18
97,5	31,1	33,5	<b>23056-4-19*</b>
98,3	31,4	33,8	<b>23056-4-20*</b>
99,3	31,7	34,1	23056-4-21
100,1	31,9	34,3	<b>23056-4-22*</b>
101,6	32,4	34,8	23056-4-24
103,1	32,9	35,3	23056-4-26
103,9	33,1	35,5	23056-4-27
104,9	33,5	35,9	23056-4-28
105,7	33,7	36,1	23056-4-29
106,4	33,9	36,4	23056-4-30
107,2	34,2	36,6	23056-4-31
108,0	34,4	36,8	23056-5-0
108,7	34,7	37,1	23056-5-1
109,5	34,9	37,3	23056-5-2
111,0	35,4	37,8	<b>23056-5-4*</b>
112,0	35,7	38,1	23056-5-5
112,8	36	38,4	23056-5-6
114,3	36,5	38,9	23056-5-8
115,1	36,7	39,1	23056-5-9
115,8	36,9	39,3	<b>23056-5-10*</b>
117,6	37,5	39,9	23056-5-12
119,1	38	40,4	<b>23056-5-14*</b>
119,9	38,2	40,6	23056-5-15
120,7	38,5	40,9	23056-5-16
121,4	38,7	41,1	23056-5-17
122,2	39	41,4	23056-5-18
124,7	39,8	42,2	23056-5-21
125,5	40	42,4	23056-5-22
126,0	40,2	42,6	23056-5-23
127,0	40,5	42,9	23056-5-24

Length (mm)	Minimum Hose OD (mm)	Maximum Hose OD (mm)	Part Number
127,8	40,7	43,1	23056-5-25
129,3	41,2	43,6	23056-5-27
130,3	41,5	44	23056-5-28
131,1	41,8	44,2	23056-5-29
131,8	42	44,4	<b>23056-5-30*</b>
133,4	42,5	44,9	23056-6-0
134,9	43	45,4	23056-6-2
136,4	43,5	45,9	23056-6-4
138,2	44,1	46,5	<b>23056-6-6*</b>
139,7	44,5	46,9	23056-6-8
141,2	45	47,4	23056-6-10
142,7	45,5	47,9	23056-6-12
143,8	45,8	48,2	23056-6-13
144,5	46,1	48,5	23056-6-14
146,1	46,6	49	23056-6-16
149,1	47,5	49,9	23056-6-20
150,9	48,1	50,5	23056-6-22
155,7	49,6	52	23056-6-28
156,5	49,9	52,3	23056-6-29
158,8	50,6	53	23056-7-0
159,5	50,8	53,3	23056-7-1
161,0	51,3	53,7	<b>23056-7-3*</b>
161,8	51,6	54	23056-7-4
163,6	52,1	54,6	23056-7-6
165,9	52,9	55,3	23056-7-9
166,6	53,1	55,5	23056-7-10
167,4	53,4	55,8	23056-7-11
169,9	54,2	56,6	23056-7-14
171,5	54,7	57,1	23056-7-16
173,0	55,1	57,5	23056-7-18
176,3	56,2	58,6	23056-7-22
177,0	56,4	58,8	23056-7-23
177,8	56,7	59,1	23056-7-24
181,1	57,7	60,1	23056-7-28
184,2	58,7	61,1	23056-8-0
185,7	59,2	61,6	23056-8-2
189,0	60,2	62,6	23056-8-6
189,7	60,5	62,9	23056-8-7
192,0	61,2	63,6	23056-8-10
196,1	62,5	64,9	23056-8-15
196,9	62,7	65,1	23056-8-16
198,4	63,2	65,6	23056-8-18
200,0	63,8	66,2	23056-8-20
203,2	64,8	67,2	23056-8-24
206,5	65,8	68,2	23056-8-28
209,6	66,8	69,2	23056-9-0
211,1	67,3	69,7	23056-9-2
214,4	68,3	70,7	23056-9-6
220,0	70,1	72,5	23056-9-13
221,5	70,6	73	23056-9-15
222,3	70,8	73,2	23056-9-16
229,4	73,1	75,5	23056-9-25
233,4	74,4	76,8	23056-9-30
235,0	74,9	77,3	23056-10-0
238,0	75,8	78,3	23056-10-4
241,3	76,9	79,3	23056-10-8
254,0	80,9	83,3	23056-10-24

Length (mm)	Minimum Hose OD (mm)	Maximum Hose OD (mm)	Part Number
277,1	88,3	90,7	23056-11-21
277,9	88,5	91	23056-11-22
284,2	90,6	93	23056-11-30
313,4	99,9	102,3	23056-13-3

\* Parts in **BOLD** letters are available from stock

# 2. Part Number Index



23056-10-0.....	15	23056-4-13.....	14	23056-7-23.....	15
23056-10-24.....	15	23056-4-14.....	14	23056-7-24.....	15
23056-10-4.....	15	23056-4-16.....	14	23056-7-28.....	15
23056-10-8.....	15	23056-4-17.....	14	23056-7-3.....	15
23056-11-21.....	16	23056-4-18.....	14	23056-7-4.....	15
23056-11-22.....	16	23056-4-19.....	14	23056-7-6.....	15
23056-11-30.....	16	23056-4-2.....	14	23056-7-9.....	15
23056-1-15.....	13	23056-4-20.....	14	23056-8-0.....	15
23056-1-19.....	13	23056-4-21.....	14	23056-8-10.....	15
23056-1-20.....	13	23056-4-22.....	14	23056-8-15.....	15
23056-1-21.....	13	23056-4-24.....	14	23056-8-16.....	15
23056-1-22.....	13	23056-4-26.....	14	23056-8-18.....	15
23056-1-24.....	13	23056-4-27.....	14	23056-8-2.....	15
23056-1-28.....	13	23056-4-28.....	14	23056-8-20.....	15
23056-1-30.....	13	23056-4-29.....	14	23056-8-24.....	15
23056-13-3.....	16	23056-4-30.....	14	23056-8-28.....	15
23056-2-0.....	13	23056-4-31.....	14	23056-8-6.....	15
23056-2-10.....	13	23056-4-4.....	14	23056-8-7.....	15
23056-2-11.....	13	23056-4-5.....	14	23056-9-0.....	15
23056-2-12.....	13	23056-4-6.....	14	23056-9-13.....	15
23056-2-13.....	13	23056-4-7.....	14	23056-9-15.....	15
23056-2-14.....	13	23056-4-8.....	14	23056-9-16.....	15
23056-2-15.....	13	23056-5-0.....	14	23056-9-2.....	15
23056-2-16.....	13	23056-5-1.....	14	23056-9-25.....	15
23056-2-17.....	13	23056-5-10.....	14	23056-9-30.....	15
23056-2-18.....	13	23056-5-12.....	14	23056-9-6.....	15
23056-2-19.....	13	23056-5-14.....	14	900591B1C.....	6
23056-2-2.....	13	23056-5-15.....	14	900591B2C.....	6
23056-2-20.....	13	23056-5-16.....	14	900591B3C.....	6
23056-2-21.....	13	23056-5-17.....	14	900591B4C.....	6
23056-2-24.....	13	23056-5-18.....	14	900591B5C.....	6
23056-2-25.....	13	23056-5-2.....	14	AE102-10.....	5
23056-2-26.....	13	23056-5-21.....	14	AE102-11.....	5
23056-2-28.....	13	23056-5-22.....	14	AE102-12.....	5
23056-2-29.....	13	23056-5-23.....	14	AE102-13.....	5
23056-2-30.....	13	23056-5-24.....	14	AE102-14.....	5
23056-2-4.....	13	23056-5-25.....	15	AE102-16.....	5
23056-2-6.....	13	23056-5-27.....	15	AE102-18.....	5
23056-2-7.....	13	23056-5-28.....	15	AE102-20.....	5
23056-2-8.....	13	23056-5-29.....	15	AE102-22.....	5
23056-2-9.....	13	23056-5-30.....	15	AE102-24.....	5
23056-3-0.....	13	23056-5-4.....	14	AE102-26.....	5
23056-3-1.....	13	23056-5-5.....	14	AE102-28.....	5
23056-3-10.....	13	23056-5-6.....	14	AE102-30.....	5
23056-3-12.....	13	23056-5-8.....	14	AE102-32.....	5
23056-3-13.....	13	23056-5-9.....	14	AE102-38.....	5
23056-3-14.....	14	23056-6-0.....	15	AE102-42.....	5
23056-3-15.....	14	23056-6-10.....	15	AE102-46.....	5
23056-3-16.....	14	23056-6-12.....	15	AE102-5.....	5
23056-3-18.....	14	23056-6-13.....	15	AE102-6.....	5
23056-3-2.....	13	23056-6-14.....	15	AE102-7.....	5
23056-3-20.....	14	23056-6-16.....	15	AE102-8.....	5
23056-3-21.....	14	23056-6-2.....	15	AE102-9.....	5
23056-3-22.....	14	23056-6-20.....	15	AE208-10.....	7
23056-3-24.....	14	23056-6-22.....	15	AE208-12.....	7
23056-3-26.....	14	23056-6-28.....	15	AE208-4.....	7
23056-3-28.....	14	23056-6-29.....	15	AE268-10.....	7
23056-3-30.....	14	23056-6-4.....	15	AE268-14.....	7
23056-3-31.....	14	23056-6-6.....	15	AE268-4.....	7
23056-3-4.....	13	23056-6-8.....	15	AE272-11.....	6
23056-3-5.....	13	23056-7-0.....	15	AE272-13.....	6
23056-3-6.....	13	23056-7-1.....	15	AE272-14.....	6
23056-3-8.....	13	23056-7-10.....	15	AE272-15.....	6
23056-3-9.....	13	23056-7-11.....	15	AE272-16.....	6
23056-4-0.....	14	23056-7-14.....	15	AE272-3.....	6
23056-4-10.....	14	23056-7-16.....	15	AE272-4.....	6
23056-4-11.....	14	23056-7-18.....	15	AE272-6.....	6
23056-4-12.....	14	23056-7-22.....	15		

AE272-9 .....	6	FT100-1900 White .....	9	LN9105 A 04 K .....	10
DR-25-1/2-0.....	8	FT100-1900 Yellow.....	9	LN9105 A 05 K .....	10
DR-25-1/4-0.....	8	FT100-2540 Black .....	9	LN9105 A 06 K .....	10
DR-25-1/8-0.....	8	FT100-2540 Blue .....	9	LN9105 A 07 K .....	10
DR-25-1-0.....	8	FT100-2540 Green.....	9	LN9105 A 08 K .....	11
DR-25-1-1/2-0 .....	8	FT100-2540 Red .....	9	LN9105 A 09 K .....	11
DR-25-2-0.....	8	FT100-2540 White .....	9	LN9105 A 10 K .....	11
DR-25-3/16-0.....	8	FT100-2540 Yellow.....	9	LN9105 A 11 K .....	11
DR-25-3/4-0.....	8	FT100-3800 Black .....	9	LN9105 A 12 K .....	11
DR-25-3/8-0.....	8	FT100-3800 Blue .....	9	LN9105 A 13 K .....	11
DR-25-3-0.....	8	FT100-3800 Green.....	9	LN9105 A 14 K .....	11
FT100-1270 Black .....	9	FT100-3800 Red .....	9	LN9105 A 15 K .....	11
FT100-1270 Blue .....	9	FT100-3800 White .....	9	LN9105 A 16 K .....	11
FT100-1270 Green .....	9	FT100-3800 Yellow.....	9	LN9105 A 17 K .....	11
FT100-1270 Red .....	9	FT275-1270 Transp.....	9	LN9105 A 18 K .....	11
FT100-1270 White .....	9	FT275-1900 Transp.....	9	LN9105 A 19 K .....	11
FT100-1270 Yellow .....	9	FT275-2540 Transp.....	9	LN9105 A 20 K .....	12
FT100-1900 Black .....	9	FT275-3800 Transp.....	9	LN9105 A 21 K .....	12
FT100-1900 Blue .....	9	LN9105 A 01 K .....	10	LN9105 A 22 K .....	12
FT100-1900 Green .....	9	LN9105 A 02 K .....	10		
FT100-1900 Red .....	9	LN9105 A 03 K .....	10		

In this catalog you will find standard parts.  
If you have any special requirements  
or you do not find a specific part number,  
please contact our staff.

**Werthenbach Aerospace GmbH**

Grafenheider Straße 91  
33729 Bielefeld / Germany

Tel.: +49 521 9768-0

Fax: +49 521 9768-639

[aerospace@werthenbach.de](mailto:aerospace@werthenbach.de)