



MUFFLERLIST 2016

For any enquiries please refer to:
muffler.homologation@efra.ws

March 28th, 2016

Enclosed the new muffler list for 2016. Because of new rules that were made valid in 2013 the list will be different every year. Some of the older mufflers have disappeared and more will follow. From now the responsibility on the noise production is up to the driver. Using one of the mufflers on the list does not mean that you are within the limits. The noise production depends on a combination of motor/muffler/manifold/ins-box/gearing/performance and body.

EFRA will start measuring noise limits at various races to show the drivers their noise production during the coming years. We are improving our measurement systems from year to year and as soon as our system works satisfied we will start taking out some of you who are the loudest. Finally a penalty can be given to those not respecting the noise limits. This is a different approach compared to the last 25-30 years, however this is the only solution to bring the level down. All mufflers on the list will be valid for a period of 2 year and then a renewal by the manufacturer has to be made to EFRA again. This gives better control and the more noisy mufflers will easily disappear in the future.

At the end of the list you see samples with a picture of all the mufflers on this list. We have also listed some of the measurements here, including the weight. The weight is there to avoid the production of mufflers with thinner or different material. Thinner material normally will produce more noise. Within the next weeks pictures from all the mufflers with their dimensions and weight will be added to complete the list. Length and diameter are the maximum values. Some mufflers have a cosmetic change compared to those produced some years ago, which means they are slightly different looking, however functional measurements are still the same. See picture EFRA9901 with extra reinforcement for tailpipe.

	1/8th MUFFLERS for 2016	type	valid till
EFRA9901	NovaRossi		dec-17
EFRA2006	NovaRossi		dec-17
EFRA2015	NovaRossi / R&B		dec-17
EFRA2017	MAX		dec-17
EFRA2021	Schepis Model , Boss, Sirio, Bliss		dec-17
EFRA2023	SPM / Vega		dec-17
EFRA2034	SPM / Vega		dec-17
EFRA2033	PICCO/XCEED/SONIC/VOX/REDS/LRP/BLISSRC/ RCCONCEPT/TRITON		dec-17
EFRA2034	RCE/Hipex		dec-17
EFRA2041	Mielke / Maxima / RMV / Corally		dec-17
EFRA2042	OS Engines/ ProTek RC/ Mugen Seiki/ Bullitt/ S-Power		dec-17
EFRA2046	PICCO/XCEED/SONIC/VOX/REDS/LRP/BLISSRC/ RCCONCEPT/TRITON		dec-17
EFRA2052	NovaRossi		dec-17
EFRA2058	Capricorn / XRD / DB ENGINE TECHNOLOGY/CRF		dec-17
EFRA2068	Capricorn / XRD / DB ENGINE TECHNOLOGY	off road	dec-17
EFRA2069	RCE/Hipex/CRF		dec-17
EFRA2072	Arrow/Go-Engine		dec-16
EFRA2076	LRP/Nosram	off road	dec-17
EFRA2081	Alpha Plus	off road	dec-16



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EFRA2083	Schepis Model , Boss, Sirio, Bliss		dec-17
EFRA2084	NovaRossi		dec-17
EFRA2089	OS Engines/ ProTek RC/ Mugen Seiki/ Bullitt/ S-Power		dec-17
EFRA2093	TLR	off road	dec-16
EFRA2094	MAX		dec-17
EFRA2095	Hipex (low noise pipe)	on road	dec-16
EFRA2096	NovaRossi		dec-17
EFRA2098	OS Engines / CRF / Creation Model		dec-17
EFRA2099	PICCO/XCEED/SONIC/VOX/REDS/LRP/BLISSRC/ RCCONCEPT/TRITON		dec-17
EFRA2102	Schepis Model , Boss, Sirio, Bliss		dec-17
EFRA2104	REDS Racing	off road	dec-16
EFRA2105	Global Hobbies	off road	dec-16
EFRA2107	Alpha Plus	off road	dec-16
EFRA2108	RCE/Hipex/FX		dec-16
EFRA2109	LRP/Nosram	off road	dec-17
EFRA2110	SST/Alpha/A-plus	on road	dec-17
EFRA2111	Force (FC) / Sworkz	off road	dec-17
EFRA2112	REDS Racing	off road	dec-17
EFRA2113	REDS Racing	on road	dec-17
EFRA2114	CRF / Orion		dec-17
EFRA2115	RCE/Hipex/OS Engines		dec-17
EFRA2116	PICCO/XCEED/SONIC/VOX/REDS/LRP/BLISSRC/ RCCONCEPT/TRITON		dec-17
EFRA2118	Capricorn / XRD		dec-16
EFRA2119	Ultimate Engines	off road	dec-17
EFRA2120	PICCO/XCEED/SONIC/VOX/REDS/LRP/BLISSRC/ RCCONCEPT/TRITON		dec-17
EFRA2121	STS		dec-16
EFRA2122	NR / R&B		dec-16
EFRA2123	ULTIMATE RACING	off road	dec-16
EFRA2124	R&B		dec-16
EFRA2125	Hipex		dec-16
EFRA2126	Hipex		dec-16
EFRA2127	PICCO/XCEED/SONIC/VOX/REDS/LRP/BLISSRC/ RCCONCEPT/TRITON	off road	dec-16
EFRA2128	PICCO/XCEED/SONIC/VOX/REDS/LRP/BLISSRC/ RCCONCEPT/TRITON	on road	dec-16
EFRA2129	Tesla		dec-16
EFRA2130	Alpha/Argus		dec-16
EFRA2131	FX	off road	dec-16
EFRA2132	REDS Racing		dec-17



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EFRA2133	PICCO/XCEED/SONIC/VOX/REDS/LRP/BLISSRC/ RCCONCEPT/TRITON		dec-17
EFRA2134	Alpha Plus / Argus		dec-17
EFRA2135	RCE		dec-17
EFRA2136	Shengine		dec-17
EFRA2137	Dbengine		dec-17
EFRA2138	SSTech / JS / MIT / Soar / Go / Agama	off road	dec-17
EFRA2139	Tesla		dec-17
EFRA2140	SSTech / JS / MIT		dec-17

	1/10th MUFFLERS for 2016	type	valid till
EFRA2624	Mielke	on road	dec-17
EFRA2630	NovaRossi	on road	dec-17
EFRA2652	NovaRossi	on road	dec-17
EFRA2654	RCE/Hipex/Orcan	on road	dec-17
EFRA2660	NovaRossi	on road	dec-17
EFRA2662	Capricorn / XRD	on road	dec-16
EFRA2663	Mielke	on road	dec-17
EFRA2669	RCE/Hipex/CRF	on road	dec-17
EFRA2670	MAX	on road	dec-17
EFRA2671	Schepis Model , Boss, Sirio, Bliss	on road	dec-17
EFRA2672	OS Engines	on road	dec-17
EFRA2673	Hipex / RCE (low noise)	on road	dec-16
EFRA2674	REDS Racing	on road	dec-17
EFRA2675	RCE/Hipex	on road	dec-17
EFRA2676	Capricorn / XRD / DB ENGINE TECHNOLOGY	on road	dec-17
EFRA2678	PICCO/XCEED/SONIC/VOX/REDS/LRP/BLISSRC/ RCCONCEPT/TRITON	on road	dec-17
EFRA2679	PICCO/XCEED/SONIC/VOX/REDS/LRP/BLISSRC/ RCCONCEPT/TRITON	on road	dec-17
EFRA2680	R&B	on road	dec-16
EFRA2681	DB Engine	on road	dec-16
EFRA2682	Reds	on road	dec-16
EFRA2683	Tesla	on road	dec-16
EFRA2684	Gimar / JP	on road	dec-16
EFRA2685	DB Engine	on road	dec-16
EFRA2686	Tesla	on road	dec-17
EFRA2687	Tesla	on road	dec-17

	INS Boxes for 2016		
EFRA-INS200101	Serpent	1/8th	1/10th
EFRA-INS200201	Picco box, also sold by R&B	1/8th	1/10th

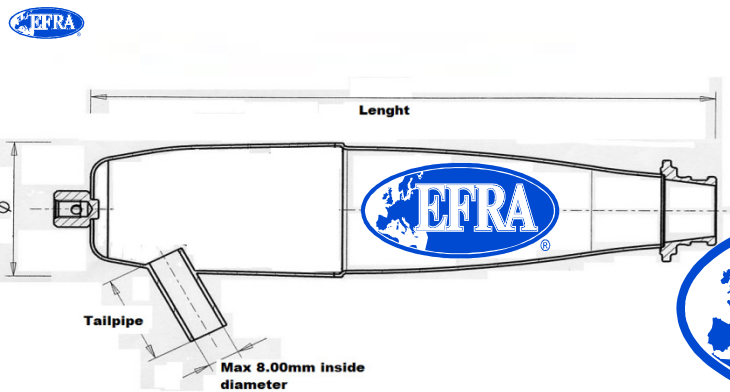


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EFRA-INS200401	Mielke / Mugen Seiki	1/8th	1/10th
EFRA-INS200701	NovaRossi	1/8th	1/10th
EFRA-INS200702	Mielke modified / Mugen Seiki	1/8th	1/10th
EFRA-INS200901	NovaRossi / R&B	1/8th	1/10th
EFRA-INS200902	Serpent / Xceed / Max / OS Speed /R&B / Brilliant RC	1/8th	1/10th
EFRA-INS200903	modified NovaRossi (lower 200901)	1/8th	1/10th
EFRA-INS201001	Hobby Pro / Team C	1/8th	1/10th
EFRA-INS201101	Mielke	1/8th	1/10th
EFRA-INS201401	NovaRossi	1/8th	1/10th

MUFFLER
 LIST 2016
 with extra
 information



EFRA MUFFLERS 2016 DATA SHEETS

All Dimensions +/- 1mm.

EFRA9901
NovaRossi
Valid till 31-12-2017
68,5 gramm
38 x 156mm
tailpipe 26mm



EFRA2006
NovaRossi
Valid till 31-12-2017
59,5 gramm
37 x 156mm
tailpipe 25mm





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<p>EFRA2015 NovaRossi Valid till 31-12-2017</p> <p>61 gramm 155 x 37mm tailpipe 25mm</p>	
<p>EFRA2017 Max Valid till 31-12-2017</p> <p>56 gramm 155 x 38mm tailpipe 25mm</p>	
<p>EFRA2021 Schepis Valid till 31-12-2017</p> <p>55 gramm 155 x 37mm tailpipe 25mm</p>	
<p>EFRA2023 / EFRA 2024 SPM / Vega</p>	
<p>EFRA2033 Picco Valid till 31-12-2017</p> <p>61 gramm 155 x 36mm tailpipe 27mm</p>	



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EFRA2034 RCE Valid till 31-12-2017 64 gramm 153 x 39mm tailpipe 24mm		 A stainless steel muffler with a tailpipe, marked with '2034' and 'NG21040'. It is shown against a blue grid background with a ruler and a 45-degree angle marker. The ruler shows the muffler is approximately 153mm long. The tailpipe is 24mm in diameter. The muffler is mounted on a black plastic holder with 'BAHCO' and '9045-B-250' printed on it.
EFRA2041 Mielke Valid till 31-12-2017 77 gramm 162 x 38mm tailpipe 20mm		 A stainless steel muffler with a tailpipe, shown against a blue grid background with a ruler and a 45-degree angle marker. The ruler shows the muffler is approximately 162mm long. The tailpipe is 20mm in diameter. The muffler is mounted on a black plastic holder with 'BAHCO' and '9045-B-250' printed on it.
EFRA2042 OS Engines Valid till 31-12-2017 65 gramm 166 x 36,5mm tailpipe 24mm		 A stainless steel muffler with a tailpipe, shown against a blue grid background with a ruler and a 45-degree angle marker. The ruler shows the muffler is approximately 166mm long. The tailpipe is 24mm in diameter. The muffler is mounted on a black plastic holder with 'BAHCO' and '9045-B-250' printed on it.



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<p>EFRA2046 Picco Valid till 31-12-2017</p> <p>Picco etc 59 gramm 159 x 39mm tailpipe 27mm</p>		 <p>A stainless steel Picco muffler (EFRA2046) is shown against a blue grid background with a ruler. The muffler has a small tailpipe on the left and a mounting bracket on the right. The brand name 'PICCO' is visible on the side. A 'BAHCO' logo is on the bottom right of the image.</p>
<p>EFRA2052 NovaRossi Valid till 31-12-2017</p> <p>60 gramm 147 x 38mm tailpipe 24mm</p>		 <p>A stainless steel NovaRossi muffler (EFRA2052) is shown against a blue grid background with a ruler. The muffler has a small tailpipe on the left and a mounting bracket on the right. The brand name 'NOVAROSS' is visible on the side. A 'BAHCO' logo is on the bottom right of the image.</p>
<p>EFRA2058 Capricorn Valid till 31-12-2017</p> <p>64 gramm 158 x 39mm tailpipe 26mm</p>		 <p>A stainless steel Capricorn muffler (EFRA2058) is shown against a blue grid background with a ruler. The muffler has a small tailpipe on the left and a mounting bracket on the right. The number '2058' is visible on the side. A 'BAHCO' logo is on the bottom right of the image.</p>
<p>EFRA2068 Capricorn Valid till 31-12-2017</p> <p>62 gramm 155 x 38mm tailpipe 25mm</p>		 <p>A stainless steel Capricorn muffler (EFRA2068) is shown against a blue grid background with a ruler. The muffler has a small tailpipe on the left and a mounting bracket on the right. The number '2068' is visible on the side. A 'BAHCO' logo is on the bottom right of the image.</p>
<p>EFRA2069 RCE Valid till 31-12-2017</p> <p>63 gramm 155 x 39mm tailpipe 24mm</p>		 <p>A stainless steel RCE muffler (EFRA2069) is shown against a blue grid background with a ruler. The muffler has a small tailpipe on the left and a mounting bracket on the right. The number '2069' and 'MA210036' are visible on the side. A 'BAHCO' logo is on the bottom right of the image.</p>



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<p>EFRA2072 Go-Engine Valid till 31-12-2016</p> <p>110 gramm 159 x 38mm tailpipe 27mm</p>		
<p>EFRA2076 LRP Valid till 31-12-2017</p> <p>87 gramm 161 x 39mm tailpipe 25mm</p>		
<p>EFRA2081 Alpha Plus Valid till 31-12-2016</p> <p>66 gramm 164 x 40mm tailpipe 23mm</p>		
<p>EFRA2083 Schepis Valid till 31-12-2017</p> <p>61 gramm 161 x 37mm tailpipe 26mm</p>		
<p>EFRA2084 NovaRossi Valid till 31-12-2017</p> <p>87 gramm 163 x 37mm tailpipe 26mm</p>		



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<p>EFRA2089 OS Engines Valid till 31-12-2017</p> <p>64 gramm 167 x 36,5mm tailpipe 24mm</p>		
<p>SS1 Valid till 31-12-2015</p> <p>60 gramm 148 x 38mm tailpipe: 26mm, interchangeable</p>		
<p>RS3 Valid till 31-12-2015</p> <p>63 gramm 135 x 38mm tailpipe: 25mm</p>		
<p>EFRA2093 TLR Valid till 31-12-2016</p> <p>69 gramm 158 x 38mm tailpipe 27mm</p>		
<p>EFRA2094 Max Valid till 31-12-2017</p> <p>62 gramm 153 x 39mm tailpipe 24mm</p>		



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<p>EFRA2095 Hipex Valid till 31-12-2016</p> <p>98 gramm 155 x 42mm tailpipe 25mm</p>		
<p>EFRA2096 NovaRossi Valid till 31-12-2017</p> <p>66gramm 164 x 38mm tailpipe 27mm</p>		
<p>EFRA2097 Valid till 31-12-2016</p> <p>66 gramm 156 x 38mm tailpipe: 27mm</p>		
<p>EFRA2098 OS Engines Valid till 31-12-2017</p> <p>60 gramm 154 x 36mm tailpipe 24mm</p>		
<p>EFRA2099 Picco Valid till 31-12-2017</p> <p>65 gramm 164 x 38mm tailpipe 24mm</p>		



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<p>EFRA2102 Schepis Valid till 31-12-2017</p> <p>61 gramm 152 x 39mm tailpipe 26mm</p>		
<p>EFRA2104 Reds Valid till 31-12-2016</p> <p>65 gramm 165 x 38mm tailpipe 24mm</p>		
<p>EFRA2105 Global Hobbies Valid till 31-12-2016 JS Racing</p> <p>83 gramm 164 x 39mm tailpipe 27mm</p>		



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<p>EFRA2107 SST Valid till 31-12-2016</p> <p>70 gramm 157 x 38mm tailpipe 28mm</p>		
<p>EFRA2108 RCE Valid till 31-12-2016</p> <p>65 gramm 165 x 37,5mm tailpipe 24mm</p>		
<p>EFRA2109 LRP Valid till 31-12-2017</p> <p>67 gramm 165 x 38mm tailpipe 27mm</p>		
<p>EFRA2110 SST Valid till 31-12-2017</p> <p>60 gramm 148 x 39mm tailpipe 25mm</p>		
<p>EFRA2111 Force Valid till 31-12-2017</p> <p>64 gramm 166 x 37mm tailpipe 27mm</p>		



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<p>EFRA2112</p> <p>Reds</p> <p>Valid till 31-12-2017</p> <p>Reds</p> <p>64 gramm</p> <p>154 x 38,5mm</p> <p>tailpipe 24mm</p>		
<p>EFRA2113</p> <p>Reds</p> <p>Valid till 31-12-2017</p> <p>Reds</p> <p>63 gramm</p> <p>155 x 39mm</p> <p>tailpipe 24mm</p>		
<p>EFRA2114</p> <p>Orion</p> <p>Valid till 31-12-2017</p> <p>64 gramm</p> <p>163 x 38mm</p> <p>tailpipe 24mm</p>		
<p>EFRA2115</p> <p>Hipex</p> <p>Valid till 31-12-2017</p> <p>62 gramm</p> <p>156 x 39mm</p> <p>tailpipe 24mm</p>		
<p>EFRA2116</p> <p>Picco</p> <p>Valid till 31-12-2017</p> <p>62 gramm</p> <p>154 x 38mm</p> <p>26mm</p>		



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<p>EFRA2118 Capricorn Valid till 31-12-2017</p> <p>63 gramm 158 x 38mm tailpipe 27mm</p>		 <p>A stainless steel muffler with a tailpipe, shown against a blue grid background with a ruler. The number '2118' is engraved on the side. A 45-degree angle is marked on the grid.</p>
<p>EFRA2119 Ultimate Valid till 31-12-2017</p> <p>69 gramm 163 x 38mm tailpipe 24mm</p>		 <p>A stainless steel muffler with a tailpipe, shown against a blue grid background with a ruler. The number '2119' is engraved on the side. A 45-degree angle is marked on the grid.</p>
<p>EFRA2120 Picco Valid till 31-12-2017</p> <p>63 gramm 155 x 39mm tailpipe 24mm</p>		 <p>A stainless steel muffler with a tailpipe, shown against a blue grid background with a ruler. The number '2120' is engraved on the side. A 45-degree angle is marked on the grid.</p>
<p>EFRA2121 STS Valid till 31-12-2016</p> <p>62 gramm 164 x 37mm tailpipe 23mm</p>		 <p>A stainless steel muffler with a tailpipe, shown against a blue grid background with a ruler. The number '2121' is engraved on the side. A 45-degree angle is marked on the grid.</p>
<p>EFRA2122 NovaRossi Valid till 31-12-2016</p> <p>Novarossi/R&B 57 gramm 155 x 36mm tailpipe 24mm</p>		 <p>A stainless steel muffler with a tailpipe, shown against a blue grid background with a ruler. The number '2122' is engraved on the side. A 45-degree angle is marked on the grid.</p>



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<p>EFRA2123 Modelix Valid till 31-12-2016 ULTIMATE RACING</p> <p>67 gramm 165 x 37mm tailpipe 27mm</p>		
<p>EFRA2124 R&B Valid till 31-12-2016 R&B</p> <p>63 gramm 158 x 39mm tailpipe 27mm</p>		
<p>EFRA2125 Hipex Valid till 31-12-2016</p> <p>64 gramm 162 x 40mm tailpipe 24mm</p>		
<p>EFRA2126 Hipex Valid till 31-12-2016</p> <p>65 gramm 157 x 39mm tailpipe 27mm</p>		
<p>EFRA2127 Picco Valid till 31-12-2016 PICCO/XCEED/SONIC/VOX/REDS LRP/BLISSRC/ RCONCEPT/TRITON</p> <p>61 gramm 160 x 38mm tailpipe 27mm</p>		



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<p>EFRA2128 Picco Valid till 31-12-2016 PICCO/XCEED/SONIC/VOX/REDS LRP/BLISSRC/ RCONCEPT/TRITON 60 gramm 156 x 37mm tailpipe 25mm</p>	 <p>A stainless steel muffler with a tailpipe, labeled '2128' and 'PICCO'. It is shown against a blue grid background with a ruler and a 45-degree angle marker. The BAHCO logo is visible in the bottom right corner.</p>
<p>EFRA2129 Tesla Valid till 31-12-2016 Tesla 62 gramm 155 x 38mm tailpipe 25mm</p>	 <p>A stainless steel muffler with a tailpipe, labeled '2129'. It is shown against a blue grid background with a ruler and a 45-degree angle marker. The BAHCO logo is visible in the bottom right corner.</p>
<p>EFRA2130 Alpha-Plus Valid till 31-12-2016 Alpha-plus 76 gramm 150 x 38mm tailpipe 25mm</p>	 <p>A stainless steel muffler with a tailpipe, labeled '2130'. It is shown against a blue grid background with a ruler and a 45-degree angle marker. The BAHCO logo is visible in the bottom right corner.</p>
<p>EFRA2131 FX Valid till 31-12-2016 FX 67 gramm 168 x 37mm tailpipe 22mm</p>	 <p>A stainless steel muffler with a tailpipe, labeled 'EFRA 2131'. It is shown against a blue grid background with a ruler and a 45-degree angle marker. The BAHCO logo is visible in the bottom right corner.</p>
<p>EFRA2132 REDS Valid till 31-12-2017 REDS 72 gramm 163 x 40 mm tailpipe 24,5 x 12mm</p>	 <p>A stainless steel muffler with a tailpipe, labeled '2132'. It is shown against a blue grid background with a ruler and a 45-degree angle marker. The BAHCO logo is visible in the bottom right corner.</p>



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<p>EFRA2133 Picco Valid till 31-12-2017 PICCO/XCEED/SONIC/VOX/REDS/LRP/BLISSRC/ RCONCEPT/TRITON 65 gramm 166 x 40 mm tailpipe 23,5 mm</p>		 <p>A photograph of a stainless steel muffler, model 2133, positioned horizontally on a blue grid background. A ruler is placed above the muffler for scale. The muffler has a cylindrical body with a tapered section and a small tailpipe extending downwards. The number '2133' is handwritten on the side. A 45-degree angle marker and a '9045-B-250' label are visible in the top right corner of the image frame.</p>
<p>EFRA2134 ALPHA Valid till 31-12-2017 Alpha Plus / Argus 68 gramm 163 x 38 mm tailpipe 26,5 x 12 mm</p>		 <p>A photograph of a stainless steel muffler, model 2134, positioned horizontally on a blue grid background. A ruler is placed above the muffler for scale. The muffler has a cylindrical body with a tapered section and a small tailpipe extending downwards. The number '2134' is handwritten on the side. A 45-degree angle marker and a '9045-B-250' label are visible in the top right corner of the image frame.</p>
<p>EFRA2135 RCE Valid till 31-12-2017 RCE 67 gramm 167 x 38 mm tailpipe 26 x 12 mm</p>		 <p>A photograph of a stainless steel muffler, model 2135, positioned horizontally on a blue grid background. A ruler is placed above the muffler for scale. The muffler has a cylindrical body with a tapered section and a small tailpipe extending downwards. The number '2135' is handwritten on the side. A 45-degree angle marker and a '9045-B-250' label are visible in the top right corner of the image frame.</p>
<p>EFRA2136 Shengine Valid till 31-12-2017 Shengine 73 gramm 150 x 38,5 mm tailpipe 24 mm</p>		 <p>A photograph of a stainless steel muffler, model 2136, positioned horizontally on a blue grid background. A ruler is placed above the muffler for scale. The muffler has a cylindrical body with a tapered section and a small tailpipe extending downwards. The number '2136' is handwritten on the side. A 45-degree angle marker and a '9045-B-250' label are visible in the top right corner of the image frame.</p>
<p>EFRA2137 DBengine Valid till 31-12-2017 DBengine gramm mm tailpipe mm</p>		



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EFRA2138 SSTech Valid till 31-12-2017 SSTech / MIT/ JS / Soar / Go gramm mm tailpipe mm		
EFRA2139 Tesla Valid till 31-12-2017 Tesla 62 gramm 154 x 35,5 mm tailpipe 23,5 mm		
EFRA2140 Sstech Valid till 31-12-2017 SSTech / MIT/ JS gramm mm tailpipe mm		



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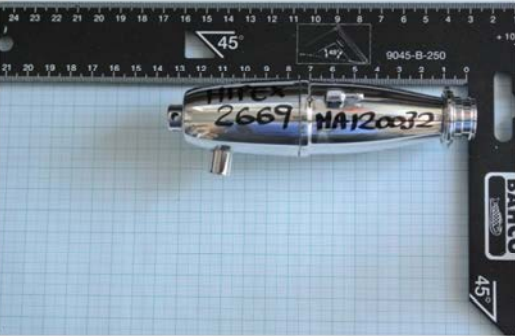

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<p>EFRA2624 Mielke Valid till 31-12-2017 Mielke</p> <p>55 gramm 139 x 36mm tailpipe 13mm</p>	
<p>EFRA2630 NovaRossi Valid till 31-12-2017</p> <p>44 gramm 126 x 35mm tailpipe 15mm</p>	
<p>EFRA2652 NovaRossi Valid till 31-12-2017</p> <p>45 gramm 126 x 35mm tailpipe 11mm</p>	
<p>EFRA2654 RCE/Hipex/Orcan Valid till 31-12-2017</p> <p>46 gramm 136 x 34mm tailpipe 11mm</p>	
<p>EFRA2660 NovaRossi Valid till 31-12-2017</p> <p>46 gramm 127 x 35mm tailpipe 11mm</p>	



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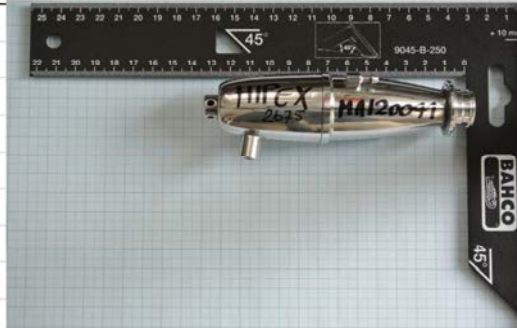
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<p>EFRA2662 Capricorn / XRD Valid till 31-12-2016</p> <p>46 gramm 128 x 37mm tailpipe 11mm</p>	
<p>EFRA2663 Mielke Valid till 31-12-2017</p> <p>61 gramm 123 x 34mm tailpipe 13mm</p>	
	
<p>EFRA2669 RCE/Hipex/CRF/Orcan Valid till 31-12-2017</p> <p>45 gramm 125 x 35mm tailpipe 11mm</p>	
<p>EFRA2670 MAX Valid till 31-12-2017 Max/Tesla</p> <p>45 gramm 126 x 35mm tailpipe 11mm</p>	



MUFFLERLIST 2016

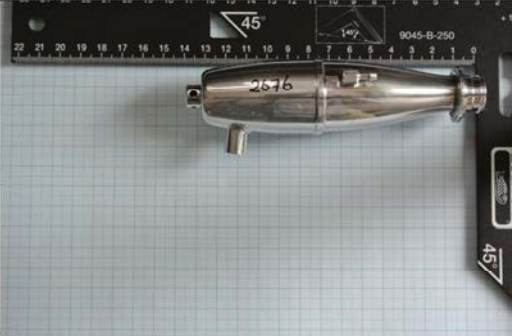

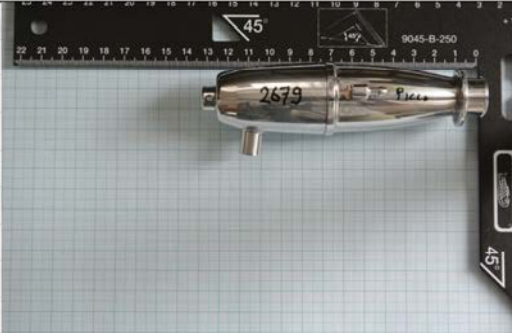

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<p>EFRA2671 Schepis Valid till 31-12-2017</p> <p>45 gramm 128x 37mm tailpipe 11mm</p>	 <p>A photograph of a silver muffler, model EFRA 2671, mounted on a black BAHCO 9045-B-250 tailpipe. The muffler is positioned against a blue grid background with a ruler at the top. The ruler shows a 45-degree angle and a 1mm scale. The muffler has a conical shape with a tailpipe on the right side.</p>
<p>EFRA2672 OS Valid till 31-12-2017</p> <p>41 gramm 130 x 33mm tailpipe 11mm</p>	 <p>A photograph of a silver muffler, model EFRA 2672, mounted on a black BAHCO 9045-B-250 tailpipe. The muffler is positioned against a blue grid background with a ruler at the top. The ruler shows a 45-degree angle and a 1mm scale. The muffler has a conical shape with a tailpipe on the right side.</p>
<p>EFRA2673 Hipex Valid till 31-12-2016 Hipex low noise</p> <p>60 gramm 125 x 39mm tailpipe 5mm</p>	 <p>A photograph of a silver muffler, model EFRA 2673, mounted on a black BAHCO 9045-B-250 tailpipe. The muffler is positioned against a blue grid background with a ruler at the top. The ruler shows a 45-degree angle and a 1mm scale. The muffler has a conical shape with a tailpipe on the right side.</p>
<p>EFRA2674 Reds Valid till 31-12-2017 Reds</p> <p>45 gramm 125 x 36mm tailpipe 11mm</p>	 <p>A photograph of a silver muffler, model EFRA 2674, mounted on a black BAHCO 9045-B-250 tailpipe. The muffler is positioned against a blue grid background with a ruler at the top. The ruler shows a 45-degree angle and a 1mm scale. The muffler has a conical shape with a tailpipe on the right side.</p>
<p>EFRA2675 RCE / Hipex Valid till 31-12-2017</p> <p>45 gramm 125 x 36mm tailpipe 11mm</p>	 <p>A photograph of a silver muffler, model EFRA 2675, mounted on a black BAHCO 9045-B-250 tailpipe. The muffler is positioned against a blue grid background with a ruler at the top. The ruler shows a 45-degree angle and a 1mm scale. The muffler has a conical shape with a tailpipe on the right side.</p>



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<p>EFRA2676 Capricorn / XRD Valid till 31-12-2017</p> <p>48 gramm 130 x 37mm tailpipe 11mm</p>		
<p>EFRA2677 Gimar / JP Valid till 31-12-2016</p> <p>45 gramm 125 x 35mm tailpipe 11mm</p>		
<p>EFRA2678 Picco Valid till 31-12-2017</p> <p>49 gramm 125 x 34mm tailpipe 11mm</p>		
<p>EFRA2679 Picco Valid till 31-12-2017</p> <p>44 gramm 125 x 35mm tailpipe 11mm</p>		
<p>EFRA2680 R&B Valid till 31-12-2016 R&B</p> <p>40 gramm 137 x 33mm tailpipe 11mm</p>		



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<p>EFRA2681 DB Engine Valid till 31-12-2016 DB Engine</p> <p>39 gramm 130,5 x 33,5mm tailpipe 11mm</p>		
<p>EFRA2682 Reds Valid till 31-12-2016 Reds</p> <p>48 gramm 137 x 33mm tailpipe 11mm</p>		
<p>EFRA2683 Tesla Valid till 31-12-2016 Tesla</p> <p>46 gramm 128 x 37mm tailpipe 11mm</p>		
<p>EFRA2684 Gimar Valid till 31-12-2016</p> <p>Gimar/JP 48 gramm 125 x 35,5mm tailpipe 11mm</p>		
<p>EFRA2685 DB Engine Valid till 31-12-2016</p> <p>48 gramm 140 x 34mm tailpipe 10,5mm</p>		



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EFRA2686		
DB Engine		
Valid till 31-12-2017		
DB Engine / Tesla		
48 gramm 130 x 34 mm tailpipe 10,5mm		
EFRA2687		
DB Engine		
Valid till 31-12-2017		
Dbengine / Tesla		
50 gramm 139 x 34 mm tailpipe 10,5mm		

Sander de Graaf
EFRA Muffler homologation.



(updated because of OEM-names, 18/6/2016)