



Hirth-Information

Mitteilung-Nummer:

0060

Inhalt:

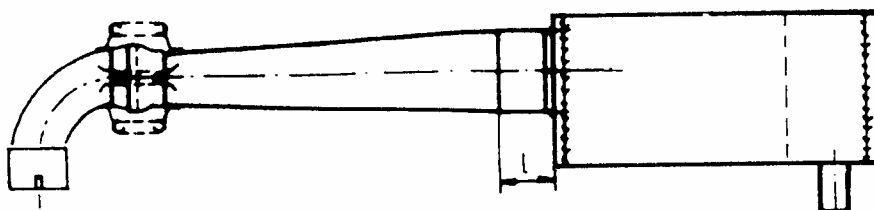
Exhaust System Assemblies
(2-Cylinder- und 4-Cylinder Engines)

Datum:

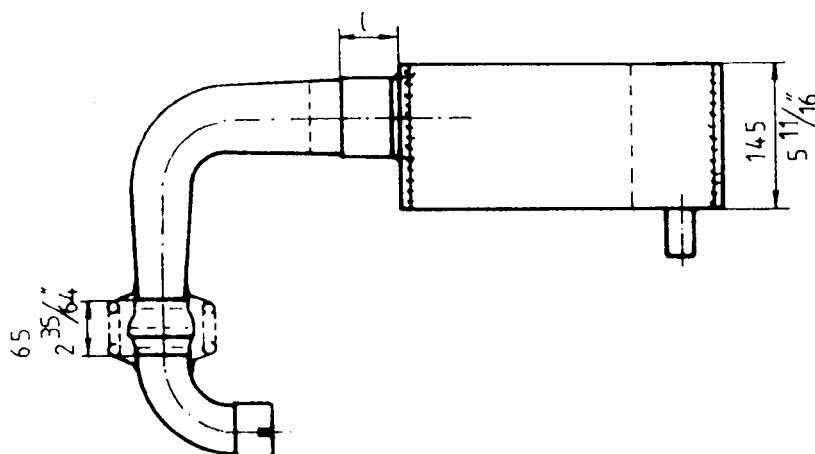
12.06.2002

Basic System:

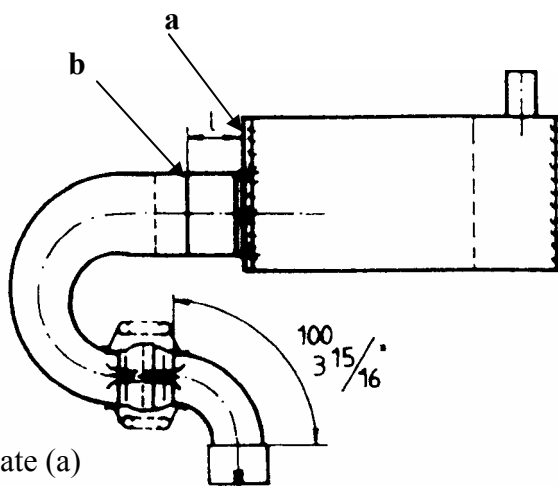
Version 1 (Straight Version):



Version 2 (90° Bow Version):



Version 3 (180° Bow Version):



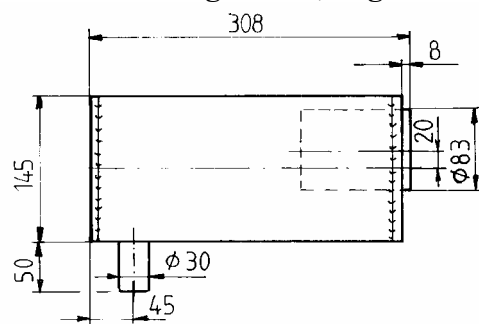
Note:

The length „l“ is from the top plate (a) to the middle of the welding (b)

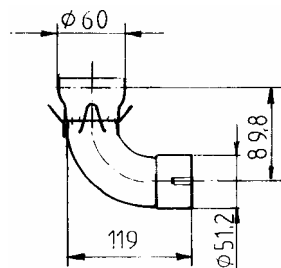
278 T4U Silencer Complete

278 E19U Connection Bow

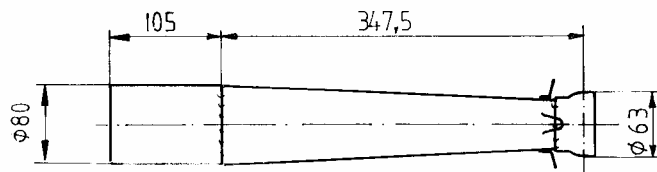
278 E4U Weight : 3,2 kg



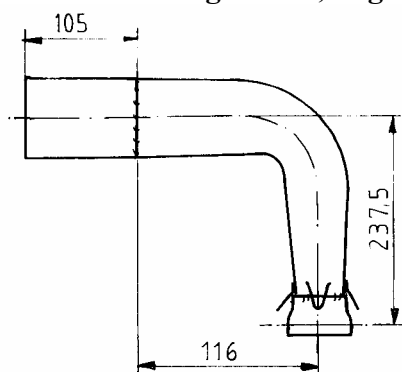
Weight : 0,6 kg



**278 T19U Diffuser Cone, Complete
Weight: 1,5 kg**

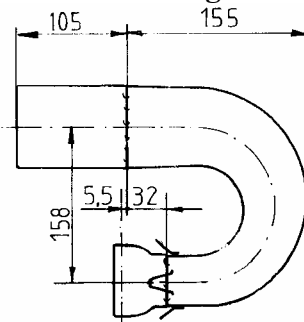


**278 T20U Bow 90°, complete
Weight : 1,4 kg**



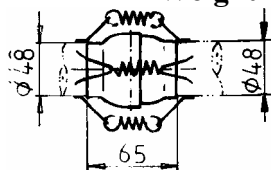
268 A11U Clamp

**278 T21U Bow 180°, complete
Weight : 1,4 kg**



F308 A4 Loop

**278 H4U Ball Joint
Weight : 0,26 kg**

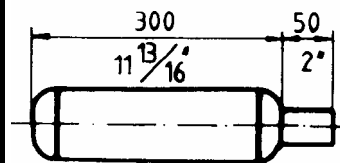


054.1

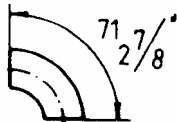


Spring

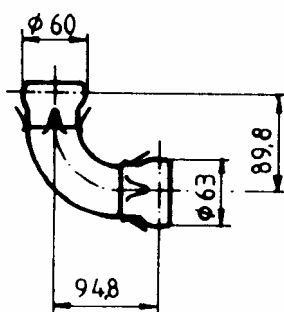
278 R9U Rear Silencer
Weight: 1,0 kg



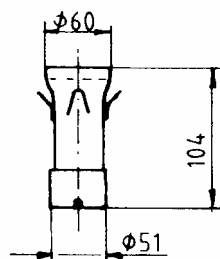
DIN625 38x2,6 Bow



F308 A5U Connection Bow
Weight : 0,56 kg

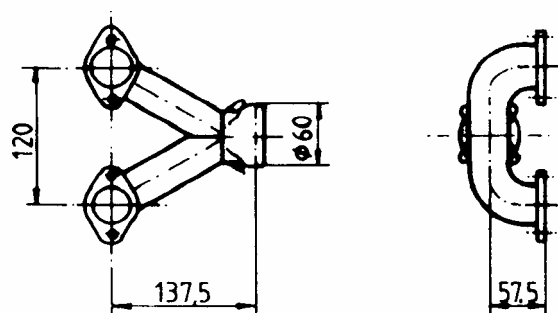


F308 A7U Adaptor
Weight : 0,23 kg



For use on F 30 only!

F308 A1U Exhaust manifold 90°
Weight : 0,63 kg



Exhaust systems suitable to engine model.

2702 (1- Carburetor):

		1x	278 E19U	Connection Bow	
	Ver. 1	1x	278 T19U	Diffuser cone (straight)	l = 10 mm
or	Ver. 2	1x	278 T20U	Bow (90°)	l = 10 mm
or	Ver. 3	1x	278 T21U	Bow (180°)	l = 10 mm
		1x	278 E4U	Silencer	

2703 (1-Carburetor, 2-Carburetor):

		1x	278 E19U	Connection Bow	
	Ver. 1	1x	278 T19U	Diffuser cone (straight)	l = 30 mm
or	Ver. 2	1x	278 T20U	Bow (90°)	l = 30 mm
or	Ver. 3	1x	278 T21U	Bow (180°)	l = 30 mm
		1x	278 E4U	Silencer	

2704 (1-Carburetor, 2-Carburetor):

		1x	278 E19U	Connection Bow	
	Ver. 1	1x	278 T19U	Diffuser cone (straight)	l = 55 mm
or	Ver. 2	1x	278 T20U	Bow (90°)	l = 94 mm
or	Ver. 3	1x	278 T21U	Bow (180°)	l = 98 mm
		1x	278 T4U	Silencer	

2704 (Fuel Injection):

		1x	278 E19U	Connection Bow	
	Ver. 1	1x	278 T19U	Diffuser cone (straight)	l = 55 mm
or	Ver. 2	1x	278 T20U	Bow (90°)	l = 94 mm
or	Ver. 3	1x	278 T21U	Bow (180°)	l = 98 mm
		1x	278 T4U	Silencer	

2706 (2-Carburetor, Fuel Injection):

		1x	278 E19U	Connection Bow	
	Ver. 1	1x	278 T19U	Diffuser cone (straight)	l = 0 mm
or	Ver. 2	1x	278 T20U	Bow (90°)	l = 0 mm
or	Ver. 3	1x	278 T21U	Bow (180°)	l = 0 mm
		1x	278 T4U	Silencer	

3202 (2-Carburetor, Fuel Injection):

		1x	278 E19U	Connection Bow	
	Ver. 1	1x	278 T19U	Diffuser cone (straight)	l = 90 mm
or	Ver. 2	1x	278 T20U	Bow (90°)	l = 90 mm
or	Ver. 3	1x	278 T21U	Bow (180°)	l = 90 mm
		1x	278 E4U	Silencer	

3203 (2-Carburetor, Fuel Injection):

		1x	278 E19U	Connection Bow	
	Ver. 1	1x	278 T19U	Diffuser cone (straight)	l = 0 mm
or	Ver. 2	1x	278 T20U	Bow (90°)	l = 0 mm
or	Ver. 3	1x	278 T21U	Bow (180°)	l = 0 mm
		1x	278 T4U	Silencer	

F 30 K (2-Carburetor):

		2x	278 E19U	Connection Bow	
	Ver. 1	2x	278 T19U	Diffuser cone (straight)	l = 28 mm
or	Ver. 2	2x	278 T20U	Bow (90°)	l = 28 mm
or	Ver. 3	2x	278 T21U	Bow (180°)	l = 28 mm
		2x	278 T4U	Silencer	

F 30 U (2-Carburetor):

		2x	278 E19U	Connection Bow	
	Ver. 1	2x	278 T19U	Diffuser cone (straight)	l = 0 mm
or	Ver. 2	2x	278 T20U	Bow (90°)	l = 0 mm
or	Ver. 3	2x	278 T21U	Bow (180°)	l = 0 mm
		2x	278 T4U	Silencer	

F 30 E (Fuel Injection):

		2x	278 E19U	Connection Bow	
	Ver. 1	2x	278 T19U	Diffuser cone (straight)	l = 28 mm
or	Ver. 2	2x	278 T20U	Bow (90°)	l = 28 mm
or	Ver. 3	2x	278 T21U	Bow (180°)	l = 28 mm
		2x	278 T4U	Silencer	

F 30 ES (Fuel Injection):

		2x	278 E19U	Connection Bow	
	Ver. 1	2x	278 T19U	Diffuser cone (straight)	l = 0 mm
or	Ver. 2	2x	278 T20U	Bow (90°)	l = 0 mm
or	Ver. 3	2x	278 T21U	Bow (180°)	l = 0 mm
		2x	278 T4U	Silencer	

Please note, the performance specified for an engine will not be guaranteed if an exhaust variant is used which differs from the three basic versions, (page one). As a result from such modifications, it is possible that damage may occur to the engine. There will be no liability by Gobler-Hirthmotoren to provide any warranty for any malfunction or damage incurred by such modifications.

The length I = 0 mm stated for the 2706 engine (both carburetor and fuel injection models), the F30U (dual carburetor) and the F30ES (fuel injection) models, illustrates either the 278T19U, 278T20U or the 278T21U diffuser cone must be slipped completely into the silencer, 278E4U or 278T4U. The lengths that differ from a null measurement refer to the measurement as stated within the sketches identified with "I".