

Třídění litiny

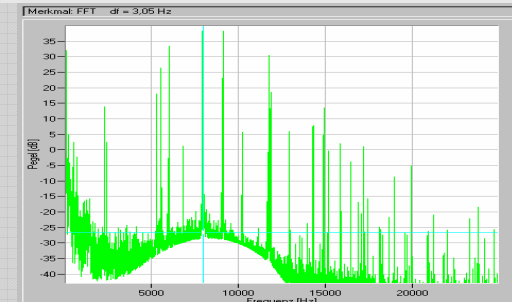


Usage: Car brakes
Variations: several, convertible device,
Errors: Nodularity, cracks

Test procedure: Resonance analysis and eddy current

Test system: Microphone **Excitation:** 1 fold

Test time: 4 Seconds **Test cycle:** 600 / h



Cost advantage: Surface and volume testing integrated in *one* testing station

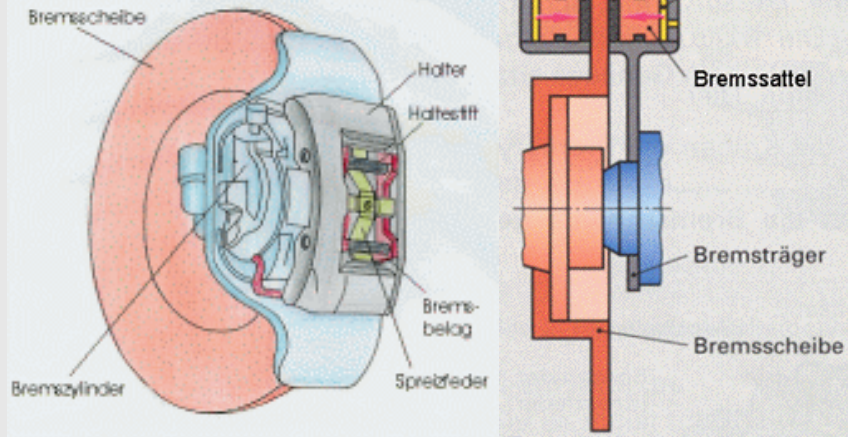
Customer benefits: reliable, objective assessment of structural quality

Process advantage: Uniform casting process control



Solutions ▶ Material testing ▶ Iron cast calliper ▶ Variations

Schwimmender Bremssattel



TESTIMA³

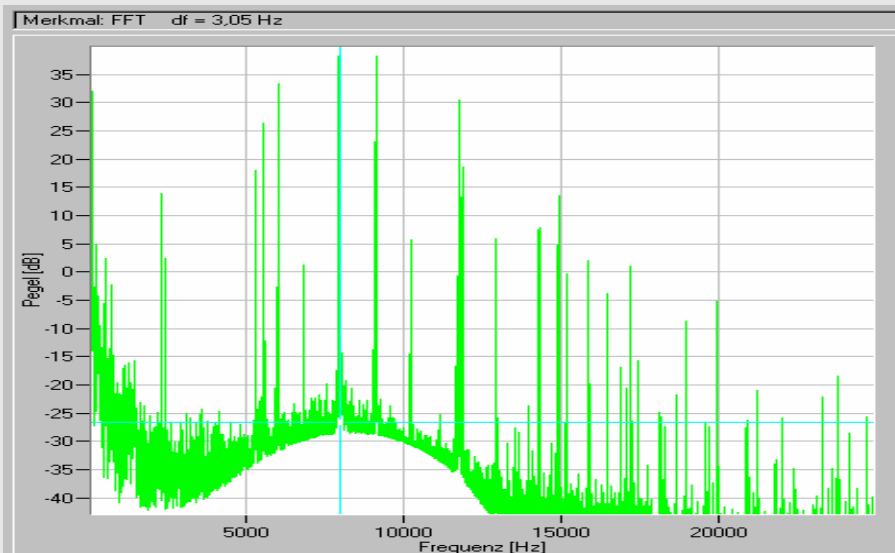


Solutions ▶ Material testing ▶ Iron cast calliper ▶ Testing methods

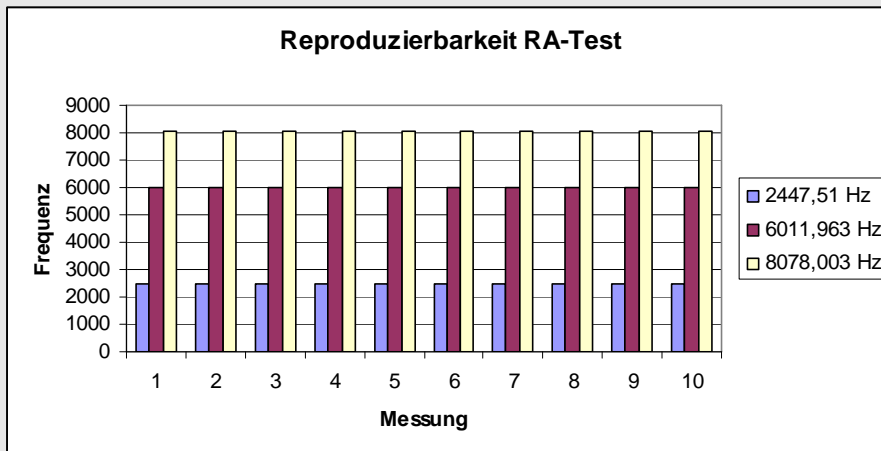


Test Part		
Frame	Mg %	Decision
1	0,033	OK
2	0,030	OK
3	0,027	Limit
4	0,026	NOK
5	0,025	NOK
6	0,025	NOK
7	0,022	NOK
8	0,020	NOK
9	0,016	NOK
10	0,016	NOK
11	0,012	NOK
12	0,009	NOK
13	0,008	NOK
14	0,005	NOK
15	0,004	NOK
16	0,002	NOK
17	0,002	NOK

Solutions ▶ Material testing ▶ Iron cast calliper ▶ Testing methods



Frequency spectrum of an iron cast calliper



Exact reproducibility in all frequencies:
max. deviation: ± 1 resolution

Solutions ▶ Material testing ▶ Iron cast calliper ▶ Testing system



TESTIMA

