

# MASTER ABRASIVES

CASE STUDY

#1048

## Rhodium XT70 cutting disc comparison

We were appointed UK representatives of Rhodius Schleifwerkzeuge GmbH & Co. KG in 2018. Rhodius' cut-off wheels provide an outstanding price-performance ratio, offering solutions for cut-off applications in the fabrication and foundry sectors. We've found Rhodius discs to be top performing in several metalworking applications. Recent trials with a manufacturer of stainless steel exhaust systems has shown notable results using Rhodius' XT70 Alphaline discs.

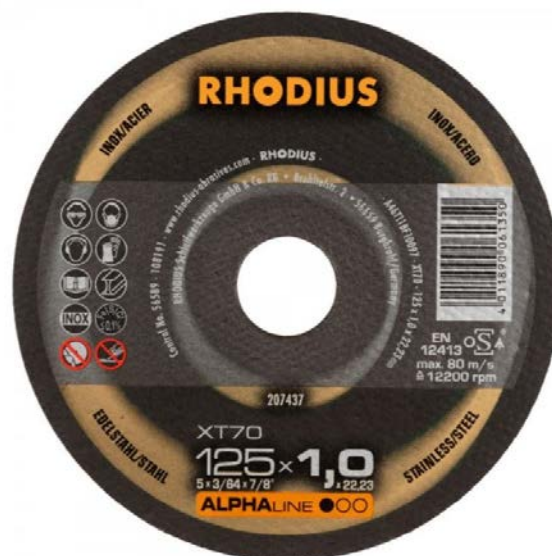
The tests were done on 1.5mm thick stainless steel sheet, essential for the manufacture of exhaust systems. The discs were all tested on the same 240V electric angle grinder and included the Rhodius XT70 Alphaline disc which proved to be the top-performing disc with the lowest cost-per-cut and highest productivity. The Rhodius discs surpassed expectations, gave the right life at the right price and will be the new favourite for this manufacturer. Test results are shown below:

Test 1; cutting stainless steel sheet with a 1.5mm thickness.		
Product	Number of cuts per 1 disc	Cost per 100 cuts
Alternative brand 1	10	£ 2.80
Alternative brand 2	16	£ 3.13
Alternative brand 3	12	£ 4.17
Rhodius XT70 Alphaline disc	20	£ 2.56
Previously used brand	21	£ 4.29

### Rhodius XT70 Alphaline -benefits

- Little burr formation
- High cutting speed
- Fewer sparks

The Rhodius XT70 Alphaline discs are suitable for both steel and stainless steel and are available for purchase from Master Abrasives in diameters ranging from 100 to 150mm and in thicknesses of 1 or 1.5mm.



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