

# Data Sheet



## A 60 TZ Special Kronenflex® cutting-off wheels for Stainless steel, Steel



### Class Special

Aggressiveness

Service life

Bond

### Applications

Stainless steel

Steel

NF metals

### Kronenflex cutting-off wheel A 60 TZ Special

While exceptionally thin at merely 1 mm, the Kronenflex cutting-off wheel A 60 TZ Special delivers high aggressiveness and long service life. This highly effective wheel truly shines when used for cutting metal sheets, thin pipes or profiles made of

- stainless steel,
- steel and
- non-ferrous metal.

The Klingspor Kronenflex cutting-off wheel A 60 TZ Special is predominantly used for maintenance and repairs in fabrication shops as well as in plant engineering and steel construction.






### Properties of the Kronenflex cutting-off wheels A 60 TZ Special

Kronenflex cutting-off wheels A 60 TZ Special are **free of iron, sulphur and chlorine**. These wheels allow the user to process **stainless steel** with ultimate speed and minimal tool pressure. The resulting fast cutting times keep at a minimum both burr formation and the thermal load both on the workpiece and on the cutting-off wheel. Made of corundum or aluminium oxide, the abrasive grain Klingspor has selected for this product is made synthetically, which guarantees excellent quality that will not diminish over time. Klingspor's Special performance class offers high-performance products that are geared towards special types of application. Within their range of application, these wheels are guaranteed to combine extremely long service life with superior cutting performance. Klingspor tests this cutting-off wheel as required by oSa directives and guarantees compliance with safety standard EN 12413.

### Avoiding any danger during work with Kronenflex cutting-off wheels

Working on **stainless steel** with cutting-off wheels or grinding discs does not have to involve danger. Injuries are caused by coming into contact with the rotating wheel, by breakage of the abrasive disc or by grinding dust or debris. These risks can easily be averted. To keep the abrasive disc from breaking, we recommend checking the wheel for wear or damage before use. You should also check the expiration date of the wheel. The maximum operating speed indicated on each label must not be exceeded. Protection against grinding dust and debris is easily achieved by wearing the appropriate protective equipment. The complete set of protective equipment is comprised of hearing protection, protective goggles, dust mask and gloves.

| Diameter in mm | Thickness in mm | Bore in mm | Form | Vmax in m/s | Max. RPM in rpm | structural shape | characteristic | machine type | Cat.number |
|----------------|-----------------|------------|------|-------------|-----------------|------------------|----------------|--------------|------------|
|----------------|-----------------|------------|------|-------------|-----------------|------------------|----------------|--------------|------------|

|     |   |       |   |    |        |                  |                       |        |
|-----|---|-------|---|----|--------|------------------|-----------------------|--------|
| 115 | 1 | 22,23 |    | 80 | 13.300 | flat             | SPECIAL angle grinder | 202400 |
| 125 | 1 | 22,23 |   | 80 | 12.200 | flat             | SPECIAL angle grinder | 202401 |
| 100 | 1 | 16    |  | 80 | 15.300 | flat             | SPECIAL angle grinder | 202402 |
| 115 | 1 | 22,23 |  | 80 | 13.300 | depressed centre | SPECIAL angle grinder | 233741 |
| 125 | 1 | 22,23 |  | 80 | 12.200 | depressed centre | SPECIAL angle grinder | 233742 |