



Engspaltgasdüsen

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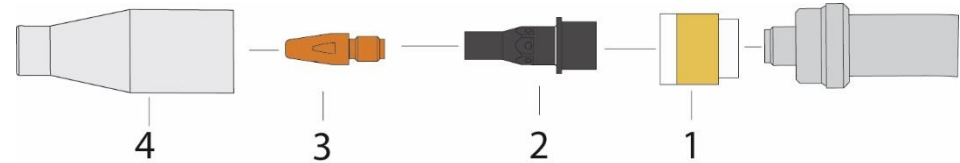
TPS/i



Engspaltgasdüsen für TPS/i Brennerkörper

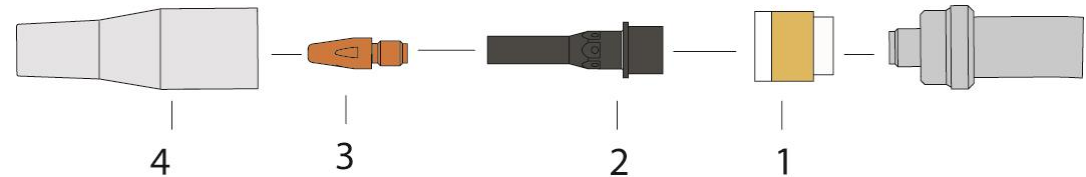
– MTB 320i G R

- 1) 44,0350,3880,5 Isolierhülse Ø14/Ø20,7x21
- 2) 42,0001,4920,5 Düsenstock M6/SW10x36
- 3) Kontaktrrohr M6 L24
- 4) 42,0001,4917,5 Gasdüse Engspalt Ø13/Ø25x62,5



– MTB 400i G R

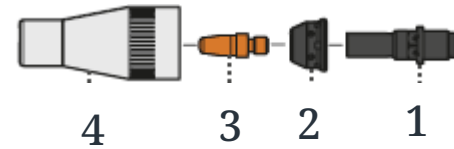
- 1) 44,0350,3880,5 Isolierhülse Ø14/Ø20,7x21
- 2) 42,0001,4921,5 Düsenstock M6/SW10x48
- 3) Kontaktrrohr M6 L24
- 4) 42,0001,4918,5 Gasdüse Engspalt Ø13/Ø25x74,5
- 42,0001,6716,5 Gasdüse Engspalt Ø13/Ø25x68
- 42,0001,6715,5 Gasdüse Engspalt Ø10/D25x68



Engspaltgasdüsen für TPS/i Brennerkörper

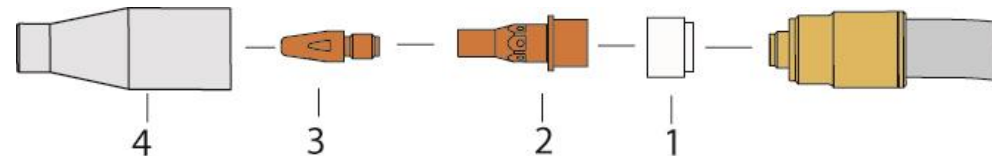
– MTB 330i G / W

- 1) 42,0001,4909,5 Düsenstock M6/SW10x37,7
 - 2) 42,0100,0583 Spritzerschutz ø8,3 / ø18x12,5
 - 3) Kontaktrohr M6 L24
 - 4) 42,0001,4745,5 Gasdüse Engspalt ø13 / ø24x56 CT
- 42,0001,6772,5 Gasdüse Engspalt ø13 / ø25x50 CT



– MTB 400i W R / MTB 500i W R

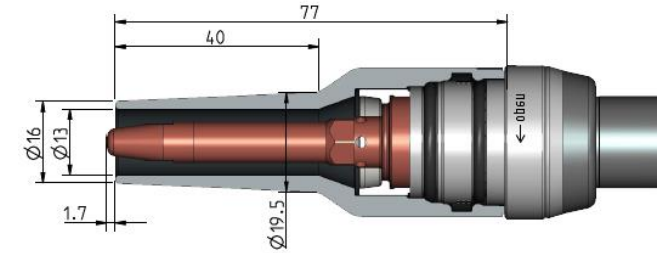
- 1) 42,0100,1497,5 Isolierhülse ø20,7/ø14x15
- 2) 42,0001,4919,5 Düsenstock M6/SW10x30
- 3) Kontaktrohr M6 L24
- 4) 42,0001,4917,5 Gasdüse Engspalt ø13/ø25x62,5



Engspalt Verschleißteile MTB 700i W R

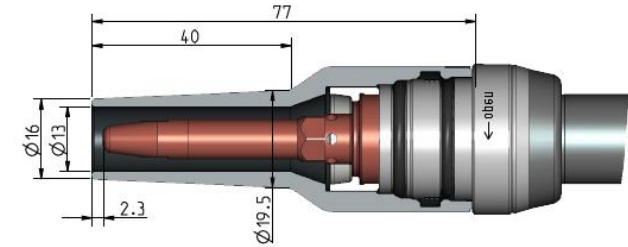
- **Engspalt Verschleißteile mit Düsenstock lang**

- 42,1100,0083 Isolierhülse M18x1/ø20,6x11.6
- 42,0001,0544 Düsenstock M8x1,5/SW10x44,9
- 42,0001,0545 Gasdüse ø15/ø29x80



- **Engspalt Verschleißteile mit Düsenstock kurz**

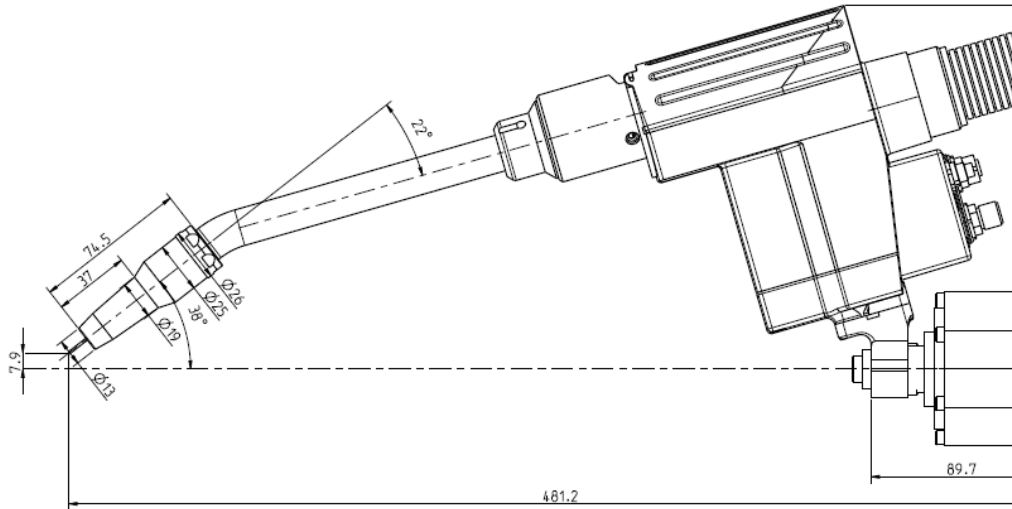
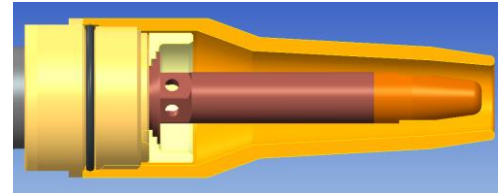
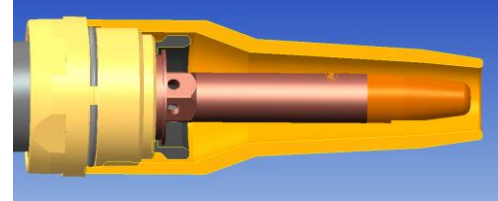
- 42,1100,0083 Isolierhülse M18x1/ø20,6x11.6
- 42,0001,0546 Düsenstock M8x1,5/SW10x38,4
- 42,0001,0545 Gasdüse ø15/ø29x80



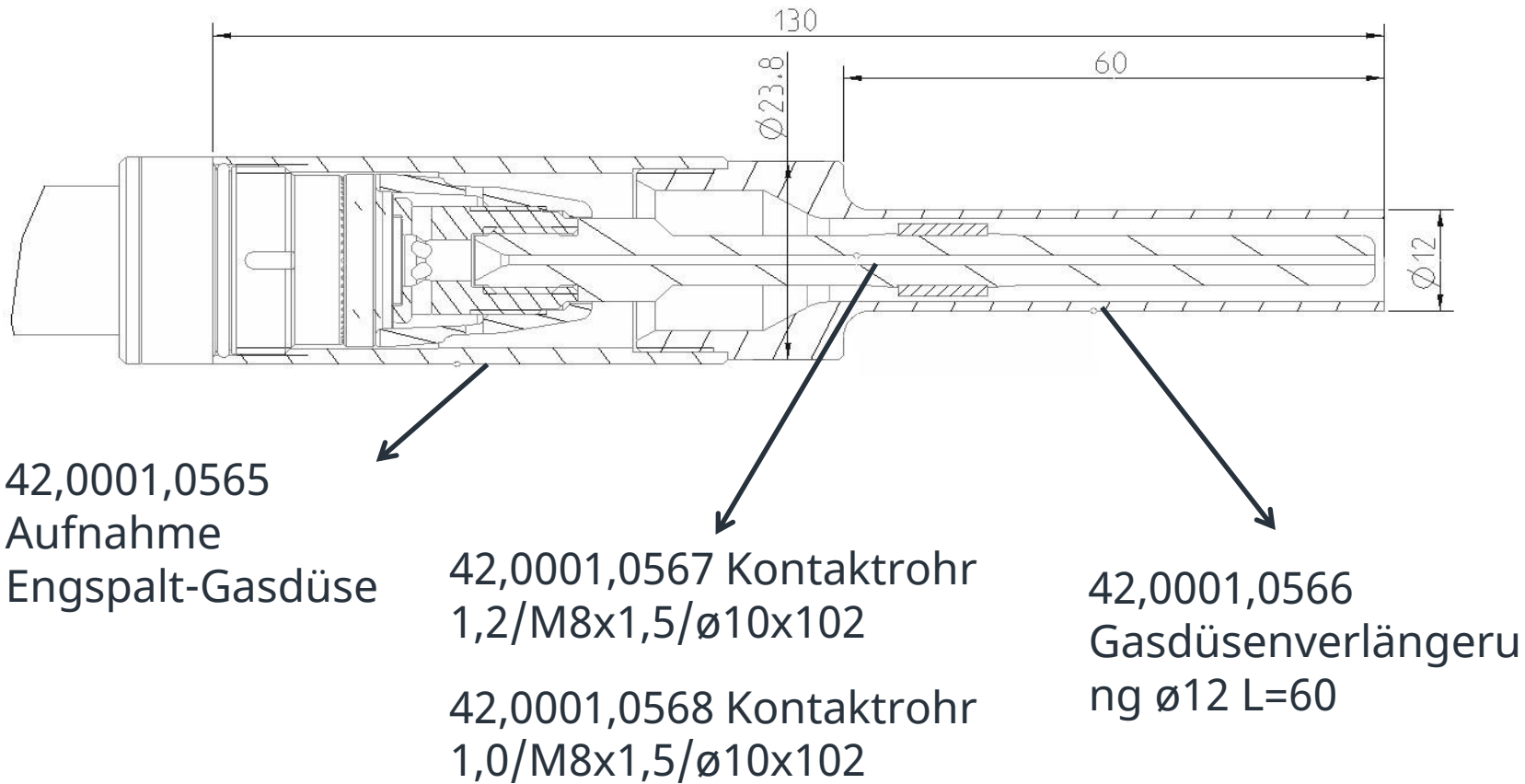
- Achtung! Leistung max. 300A – abhängig vom Stickout, Umgebungstemperaturen und Anwendung

Special gas nozzle for MTB 330i G / W

- Gas nozzle narrow gap Ø10/Ø25x65 CT (z0172334)
- gascooled: Nozzle stock M6/SW8x45,7 (z0172336)
- watercooled: Nozzle stock M6/SW8x43,5 (z0201360)



MTW400i / MTW500i / MTW330i

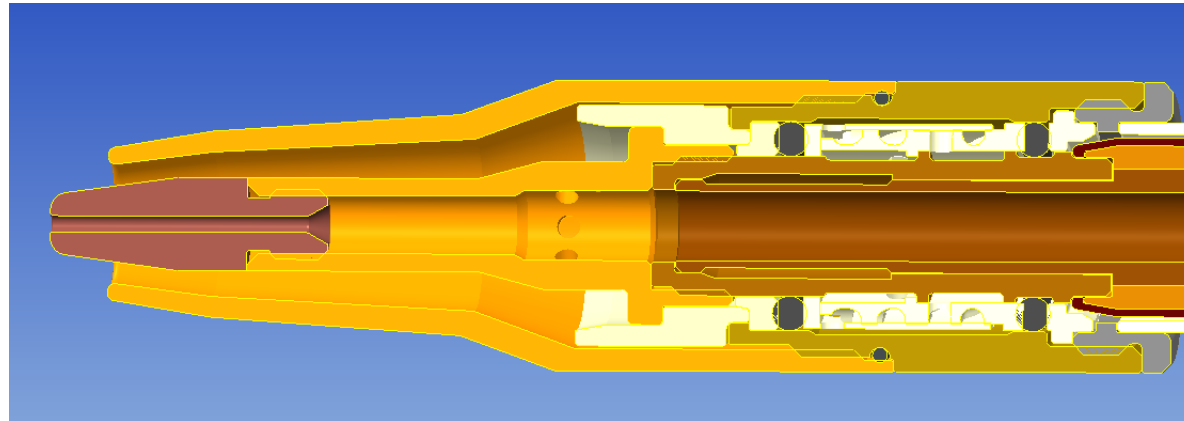


Achtung! Leistung max. 250A – abhängig vom Stickout,
Umgebungstemperaturen und Anwendung

MTW 500i / MTB 500i mit Engspaltgasdüse ø10

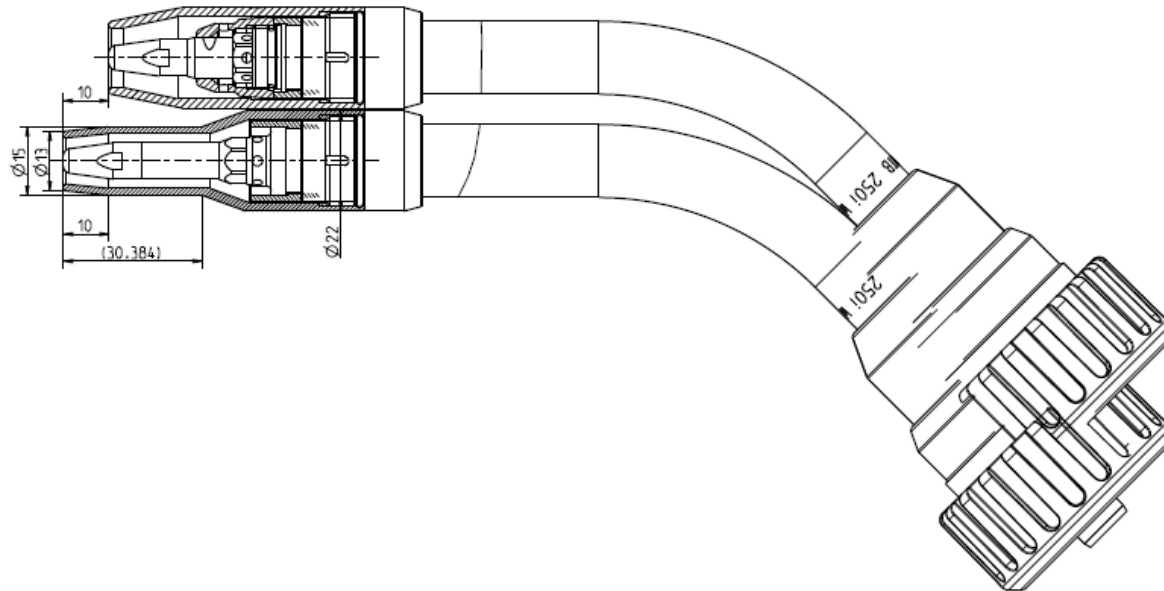
Gasdüse 42,0001,6715ø10 / ø25x68 CT

- Isolerring 42,0100,1497
- Kontaktrohr M6
- Düsenstock wie 42,0001,4919 jedoch um 12mm länger Z0184992
- ACHTUNG: veränderter TCP



MTB 250i W R

- Attention: changed TCP about 10mm
- Article numbers on request



Verschleißteile narrow gap MTB 250i W R

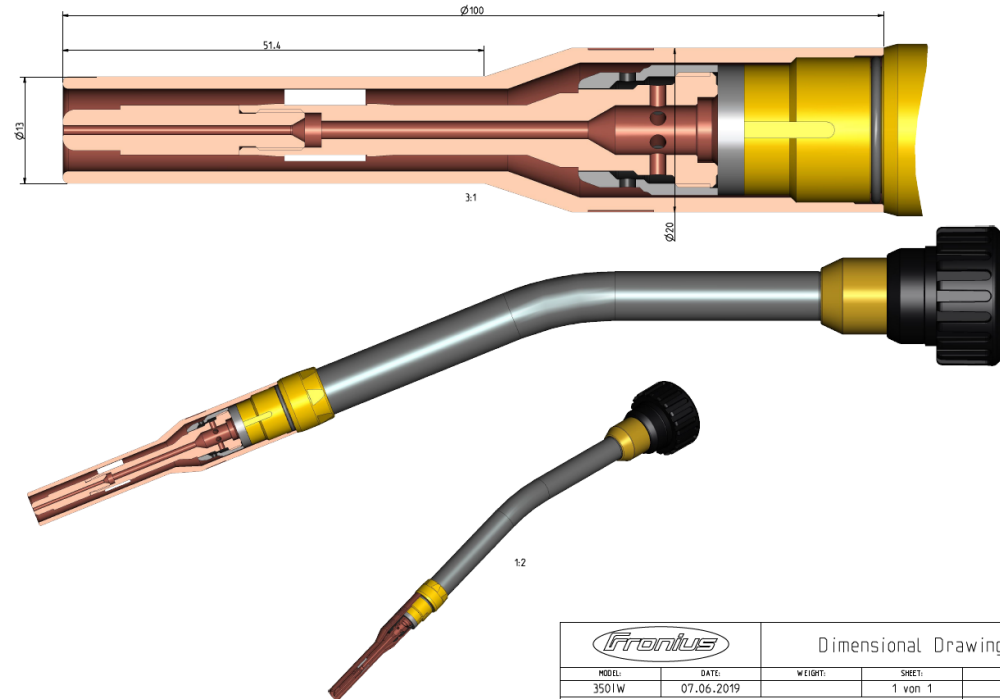


- Gas nozzle z0187331
- Nozzle stock z0187332
- Insulation ring z0187336



MTB 350i W R Engspalt

- Als Projekt bestellbar.
- Bestellmenge: mind. 10 Stk.
- Gasdüse z0203854
- Düsenstock z0203852
- Spritzerschutz 42,0100,0552
- Kontaktrohre:
 - 42,0001,0175 $\varnothing 0,6$ M5/ $\varnothing 6 \times 29$
 - 42,0001,0176 $\varnothing 0,8$ M5/ $\varnothing 6 \times 29$
 - 42,0001,0177 $\varnothing 1,0$ M5/ $\varnothing 6 \times 29$
 - 42,0001,0178 $\varnothing 1,2$ M5/ $\varnothing 6 \times 29$

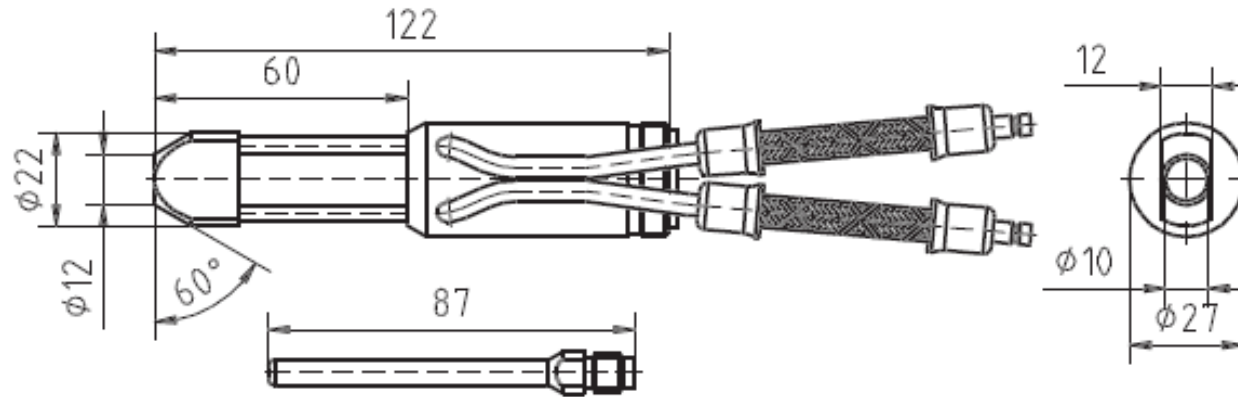


Fronius		Dimensional Drawing		
MODEL:	DATE:	WEIGHT:	SHEET:	SCALE:
350IW	07.06.2019		1 von 1	1:1
		350IW ART. NO.:		

TPS

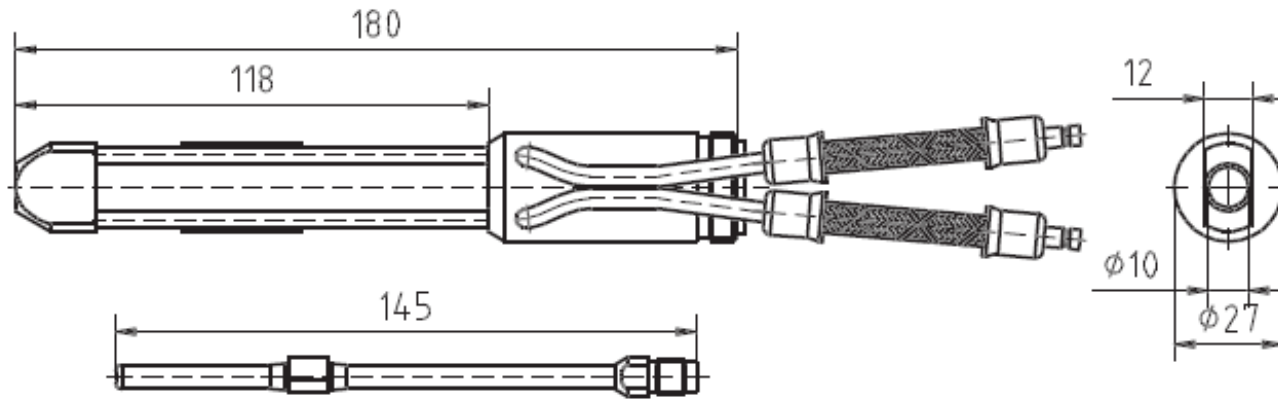


Engspaltgasdüse L=60mm



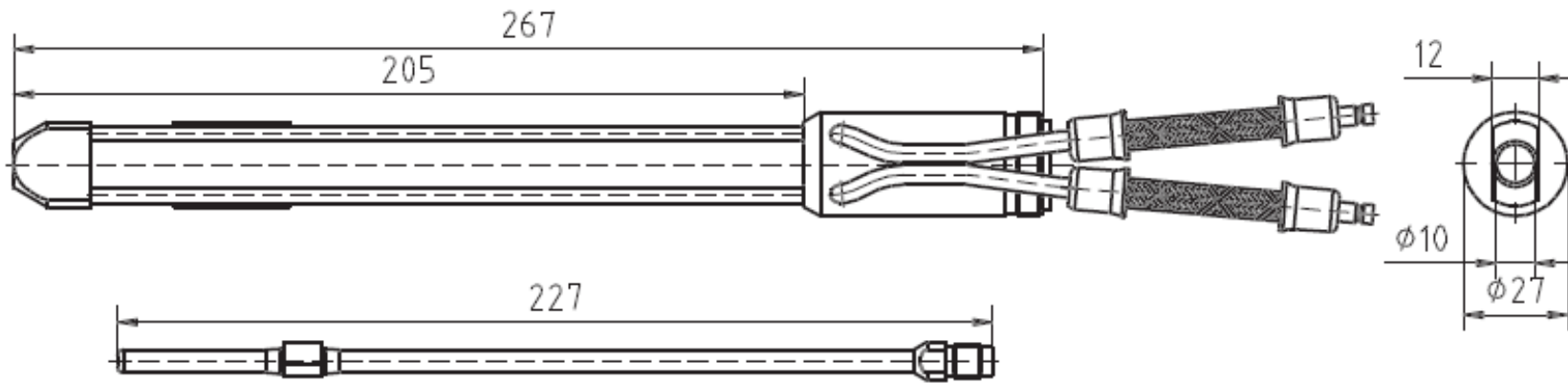
- 44,0350,1485 Engspalt Gasdüse L=60mm
- 42,0001,2653 Kontaktrohr für Gasdüse L=60mm

Engspaltgasdüse L=120mm



- 44,0360,0017 Engspalt Gasdüse L=120mm
- 44,0350,1524 Kontaktrrohr für Gasdüse L=120mm

Engspaltgasdüse L=200mm



- 44,0350,1459 Engspalt Gasdüse L=200mm
- 44,0350,1458 Kontaktröhr für Gasdüse L=200mm

Features

- **Einsatzgebiet:**

- Die Engspalt-Gasdüsen kommen bei Schweißarbeiten an engen, schwer zugänglichen Stellen zum Einsatz.

- **Vorteile:**

- Engspalt-Gasdüsen können auf mehreren Schweißbrennertypen montiert werden (siehe nächste Folie)
- Engspalt-Gasdüsen gewährleisten eine gute Zugänglichkeit an engen Stellen.
- Engspalt-Gasdüsen sind bis an die Spitze wassergekühlt.

Verwendbare Schweißbrennertypen

TIME

4,035,373,000 Time W/F++/3,5m

4,035,429,000 Time W/F++/4,5m

TIME M

4,035,430,000 Time-M W/F++/1,5m

4,035,431,000 Time-M W/F++/2,5m

4,035,432,000 Time-M W/F++/3,5m

Robacta 700

34,0350,1774 Robacta 700 0° L=187,5mm

34,0350,1685 Robacta 700 0° L=250mm

34,0350,1934 Robacta 700 22° L=241mm H=50mm

34,0350,1686 Robacta 700 36° L=224mm, H=86mm

34,0350,1773 Robacta 700 45° L=209mm, H=107mm

AW7000

4,035,596,000 AW7000 W/F++/3,5m

4,035,597,000 AW7000 W/F++/4,5m

4,035,620,000 AW7000 W/F++/UD/3,5m

4,035,621,000 AW7000 W/F++/UD/4,5m

4,035,614,000 AW7000 W/F++/JM/3,5m

4,035,615,000 AW7000 W/F++/JM/4,5m

Multilock AW7000

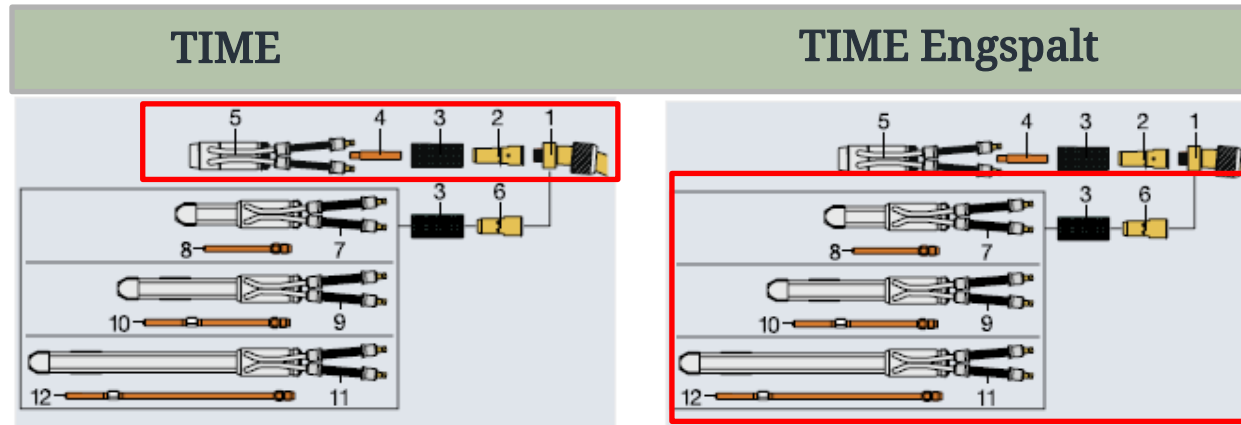
34,0350,1860 Multilock AW7000 0° L=178,0mm

34,0350,1861 Multilock AW7000 15° L=177,0mm

34,0350,1862 Multilock AW7000 30° L=169,5mm

34,0350,1863 Multilock AW7000 45° L=151,0mm

TIME / TIME M

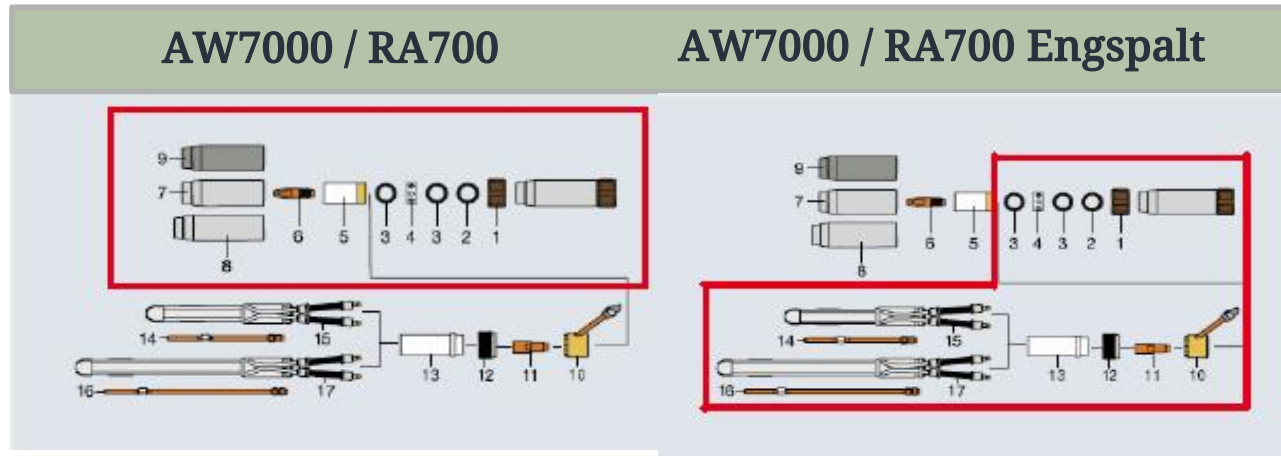


Der Düsenstock muss zusätzlich zu Gasdüse und Kontaktrrohr bestellt werden:

- Pos 6: 42,0001,0634 Düsenstock M9 / SW15x44 Time Engspalt



AW7000 / Robacta 700



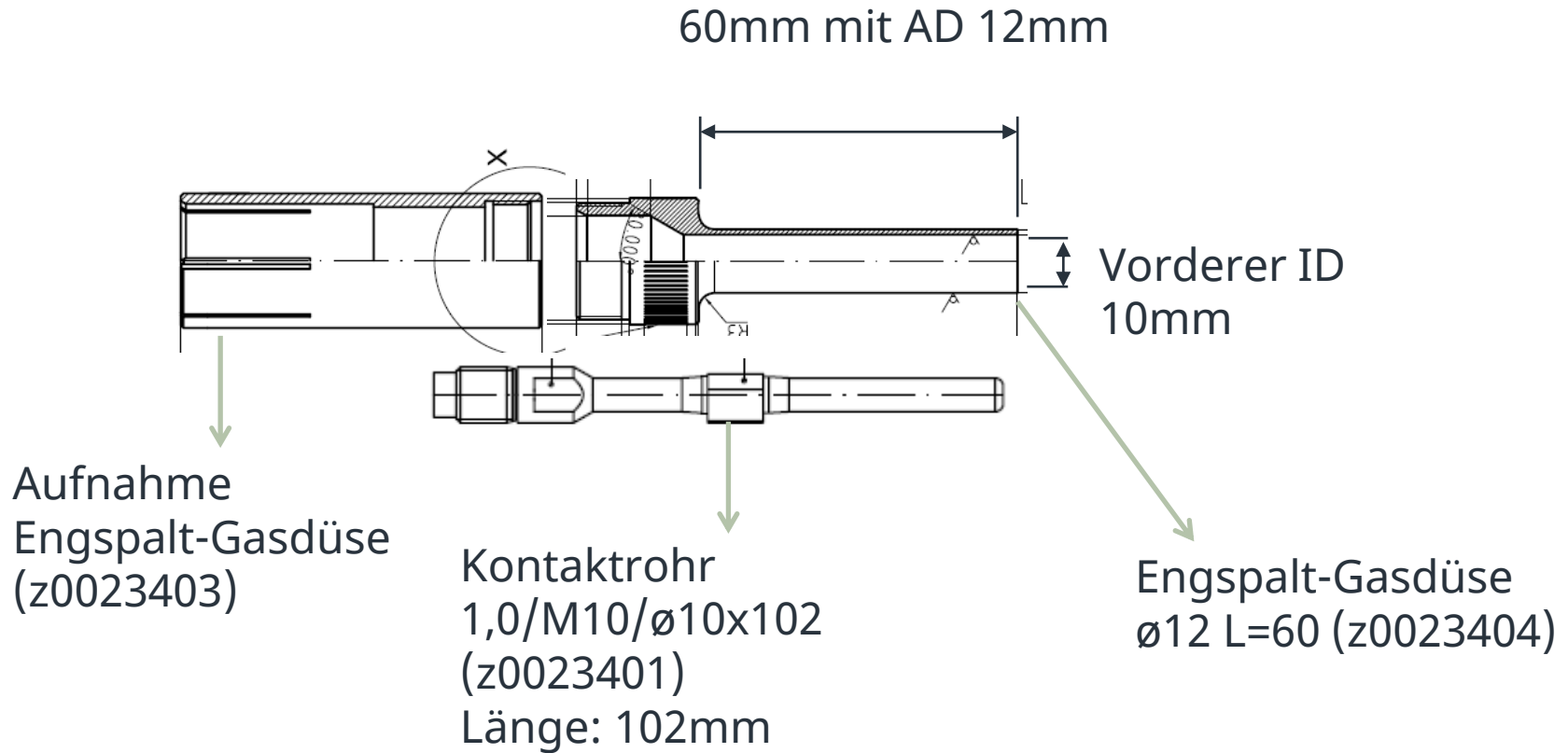
Folgende Artikelnummern müssen zusätzlich zu Gasdüse und Kontaktrohr bestellt werden:

- Pos 10: 44,0350,3051 Wasserumlenkhülse
- Pos 11: 42,0001,0042 Kontaktrohr Adapter
- Pos 12: 42,0001,0043 Überwurfmutter
- Pos 13: 42,0100,0844 Isolierhülse
- Gasdüsen L=120mm oder L=200mm empfohlen



AW5000 / MTW5000

(als Projekt erhältlich)



AW5000 / MTW5000 / RA 5000

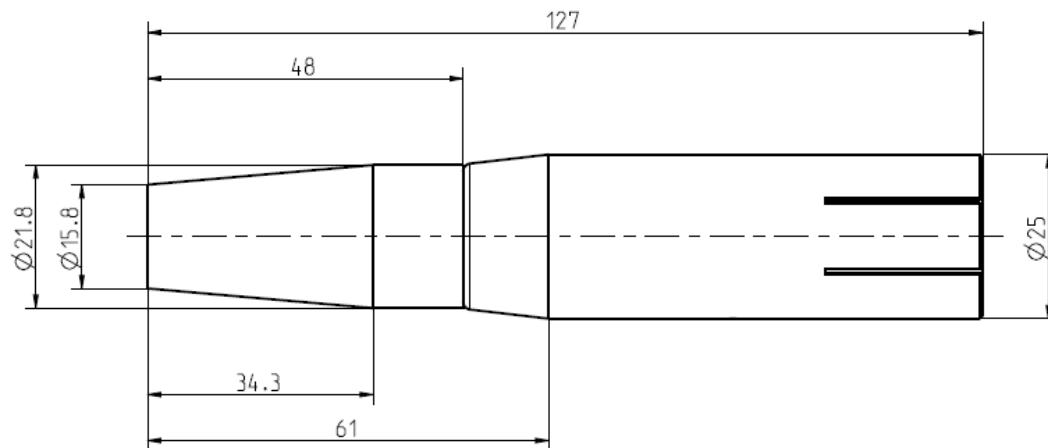
42,0001,5162
Gasdüsenverlängerung

42,0001,5164
Gasdüse



Kontaktrohr
M6 L33

42,0001,5163
Kontaktrohradapter



Robacta 5000 Engspalt

- **Artikelnummer:**

- 44,0350,3256 Robacta 5000 Engspalt L=341,5mm

- **Verschleißteile:**

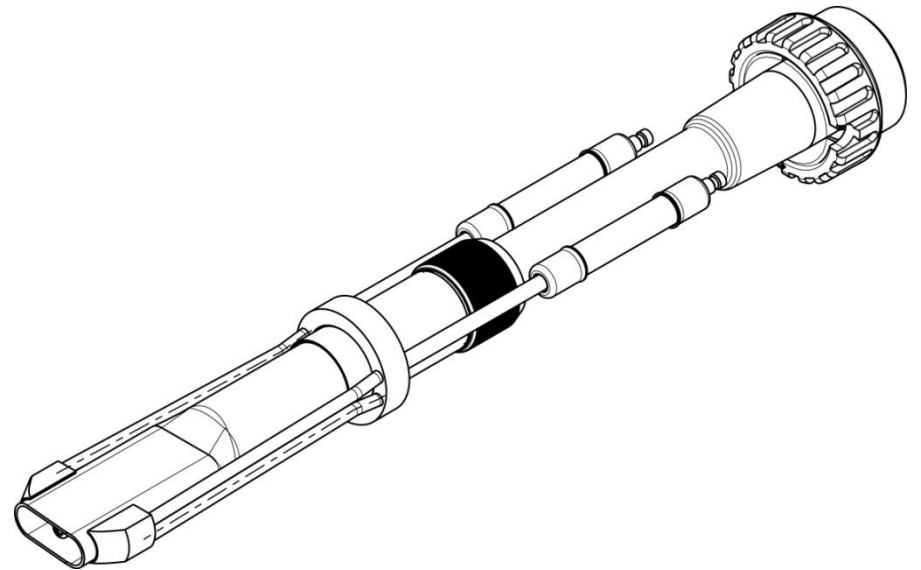
- 42,0400,0036 Überwurfmutter M27x1,5

- 42,0001,5122 Düsenstock M10x1,25 / SW13x32

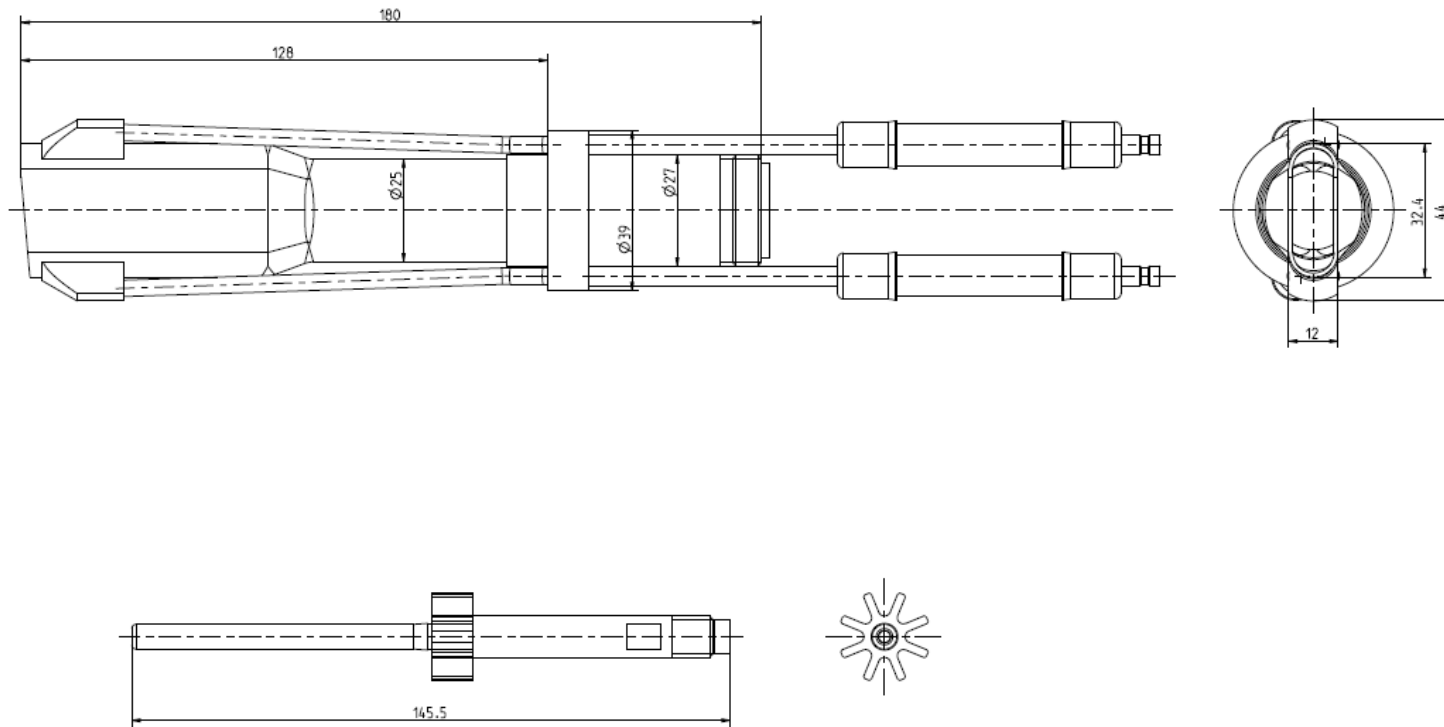
- 44,0350,3255 Kontaktrohr ø2,4 mit Abstützring

- 44,0350,3257 Engspaltgasdüse

- **Technische Daten:** 400A 100% ED

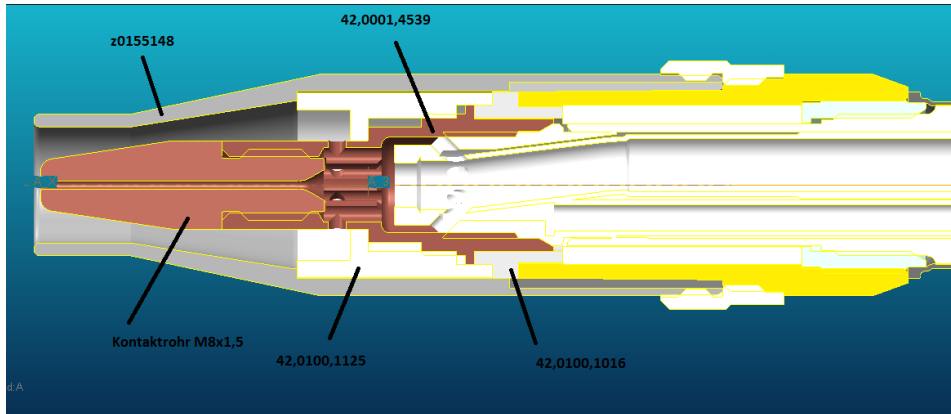


Robacta 5000 Engspalt

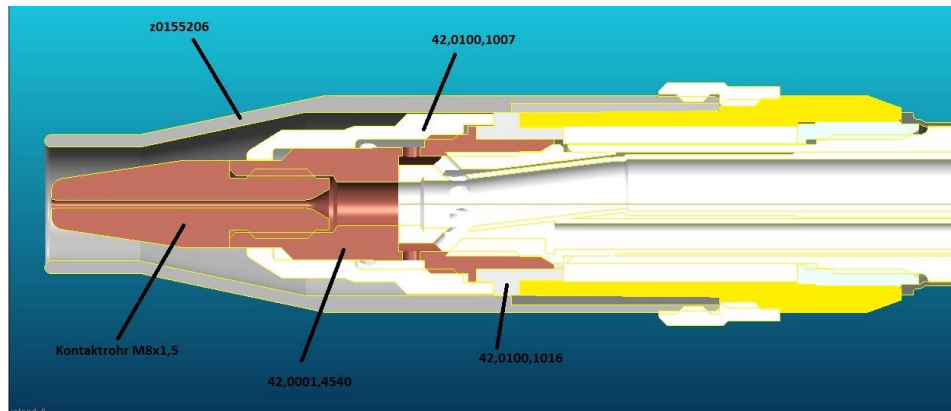


RA 5000

- 41,400,000 Gas nozzle narrow gap for RA 5000 sleeve system (z0155148)



- 41,400,000 Gas nozzle narrow gap for RA 5000 spatter guard system (z0155206)





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