

#### **GENERAL CATALOG 2020/21**



PRECISION TOOLS
FOR SMALL PART MANUFACTURING AND MICRO-CUTTING





multidec swss type tools Engraving is a chip-removing procedure for which ornaments, text and decorations are cut into the material. The removal of the material creates a surface structure which visually stands out against the background. Engravings manufactured in this way have the advantage of greater durability than other procedures.

The product range includes standardised, finished-ground carbide gravers which provide extremely good performance in all materials and also pre-ground semifinished products for grinding yourself.



#### Benefits:

- Standardised tools with point angle of 30° for engraving from 0.2 to 2 mm
- Pre-ground blanks, with lapped chip surface, available for individually grindable tools
- Sharp cutting edges
- Reliable process with long tool life

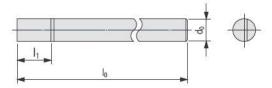
## Overview - multidec®-GRAVER

Technical information 11

Engraving graver	
FGA	396
FGB	390
FGQ	39
FGR	397
Special tools – multidec4you®	600
special tools - multidec+you	OU







#### FGA ...

Order designation	Carbide	₾20	Dimension	S					
	0								
	0								
	0								
		0							
	-				1				
	0	+XT0	l <sub>1</sub>	l <sub>0</sub>	d <sub>0</sub>				
	UHM 20	UHM 20 TX+	,						
PREMIUM-LINE									
FGA 020 032			3	32	2				
FGA 025 032			4	32	2.5				
FGA 030 036			5	36	3				
FGA 040 042			6	42	4				

5

6

8

8

10

12

50

60

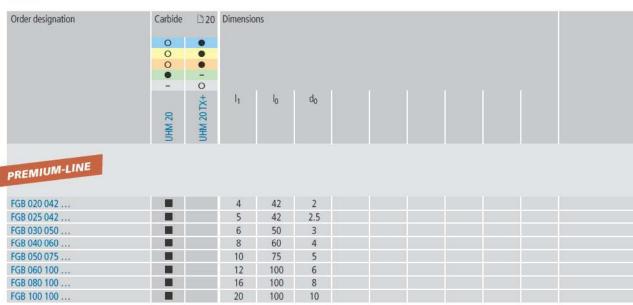
60

### FGB ...

FGA 050 050 ...

FGA 060 060 ...

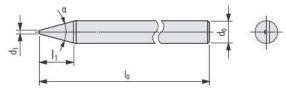
FGA 100 060 ...











FGQ ...

Order designation	Carbide	□ 20	Dimension	s						
	0									
	0									
	0	•								
		-								
	-	0								
	UHM 20	UHM 20 TX+	d <sub>1</sub>	α	l <sub>1</sub>	l <sub>0</sub>	d <sub>0</sub>			

# PREMIUM-LINE

FGO 020 032	0.2	30°	3	32	2		
FGQ 025 032		30°	4	32	2.5		
FGQ 030 036	0.5	30°	5	36	3		
FGQ 040 042	0.6	30°	6	42	4		
FGQ 050 050	0.8	30°	8	50	5		
FGQ 060 060	1	30°	10	60	6		
FGQ 080 060	1.5	30°	12	60	8		
FGQ 100 060	2	30°	15	60	10		

#### FGR ...

