

SWISS MADE EXTRUSION
CROSSHEADS AND TOOLING

Extrusion Tooling

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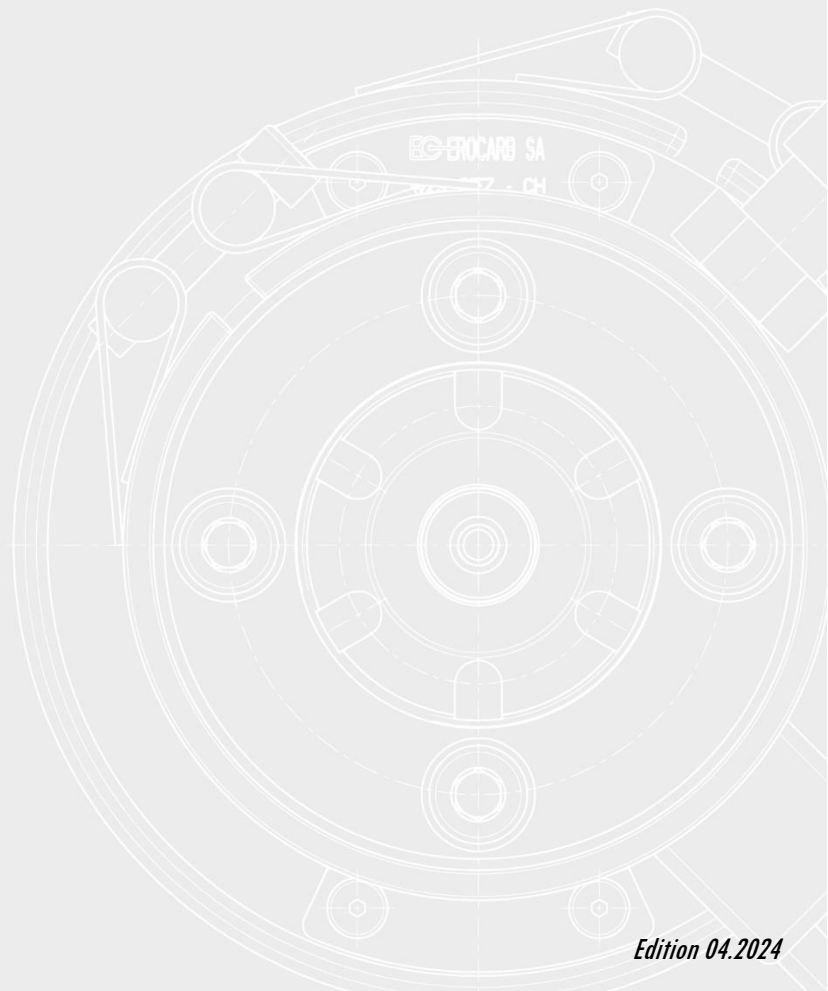


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STANDARD EXTRUSION TOOLING

Tooling E2

Compression	Tip	GDA0010...	1	Hardened steel	
			2	Steel with tungsten carbide insert	
			3	Alloy for fluoropolymer	
			4	Tungsten carbide	
			9	Steel with diamond insert	
Die	FDA0010...	1	Hardened steel		
		4	Tungsten carbide		
Semi-compression	Tip	GDA0020...	1	Hardened steel	
			2	Steel with tungsten carbide insert	
			4	Tungsten carbide	
			9	Steel with diamond insert	
			Die	FDA0020...	
4	Tungsten carbide				
Tube	Tip	GDA0030...	1	Hardened steel	
			2	Steel with tungsten carbide insert	
			3	Alloy for fluoropolymer	
			4	Tungsten carbide	
			Die	FDA0030...	
3	Alloy for fluoropolymer				
4	Tungsten carbide				

Examples:

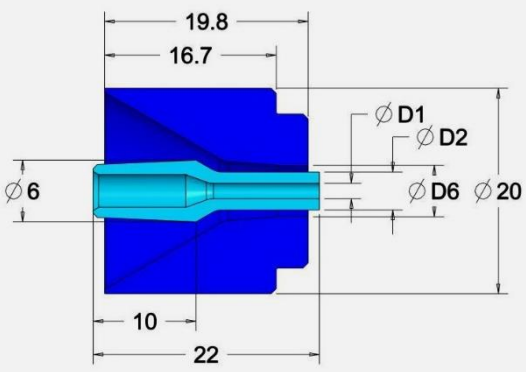
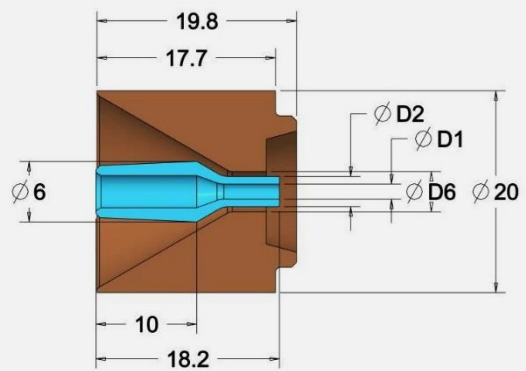
Compression die, tungsten carbide
 Semi-compression tip, tungsten carbide
 Tube tip, hardened steel

FDA00104
 GDA00204
 GDA00301

D6=...
 D1=...
 D1=... D2=...

Tooling E3

Combination: TIP size E2 + DIE size E4

Tube	Tip	GDA0030...	1	Hardened steel	
			2	Steel with tungsten carbide insert	
			3	Alloy for fluoropolymer	
			4	Tungsten carbide	
	Die	FAA0030...	1	Hardened steel	
			2	Steel with tungsten carbide insert	
			3	Alloy for fluoropolymer	
			4	Tungsten carbide	
Tip	GDA0032...	1	Hardened steel		
		2	Steel with tungsten carbide insert		
		3	Alloy for fluoropolymer		
		4	Tungsten carbide		
Die	FAT0032...	1	Hardened steel		
		2	Steel with tungsten carbide insert		
		3	Alloy for fluoropolymer		
		4	Tungsten carbide		

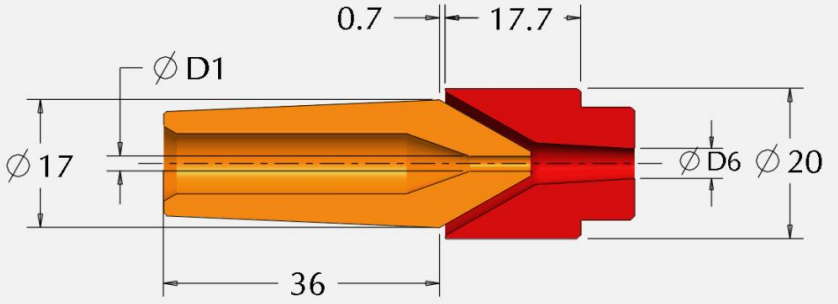
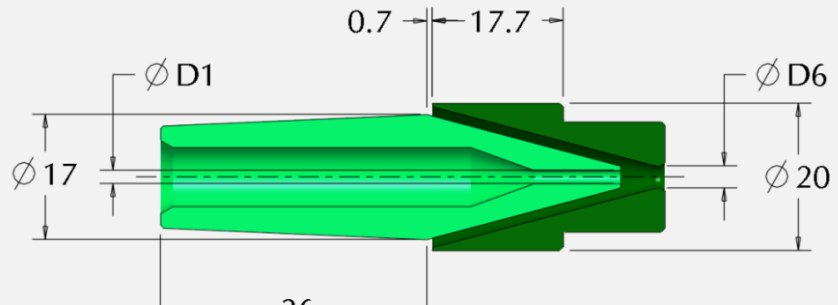
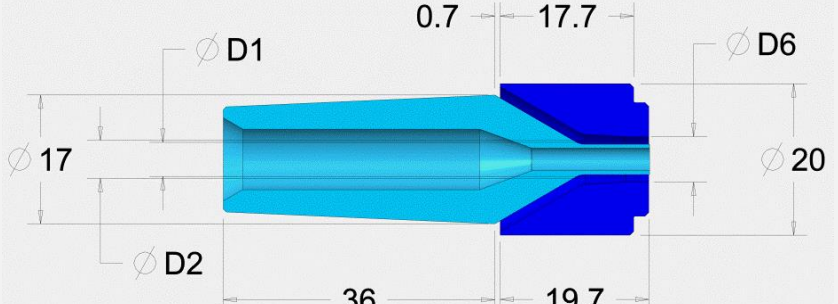
Examples:

Tube Tip, hardened steel
 Tube Die, hardened steel

GDA00301
 FAA00301

D1=... D2=...
 D6=...

Tooling E4 (except E4K)

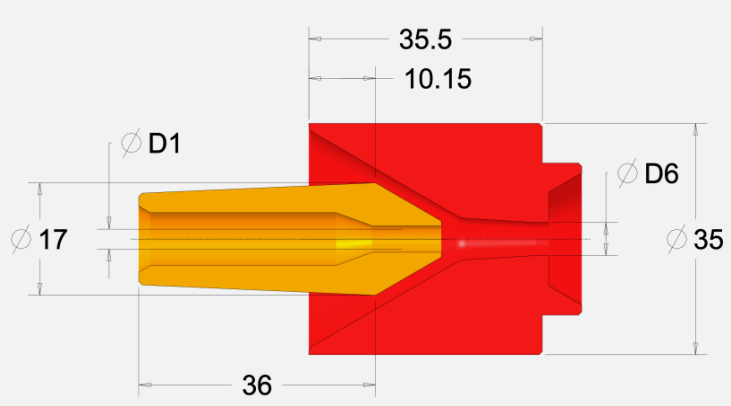
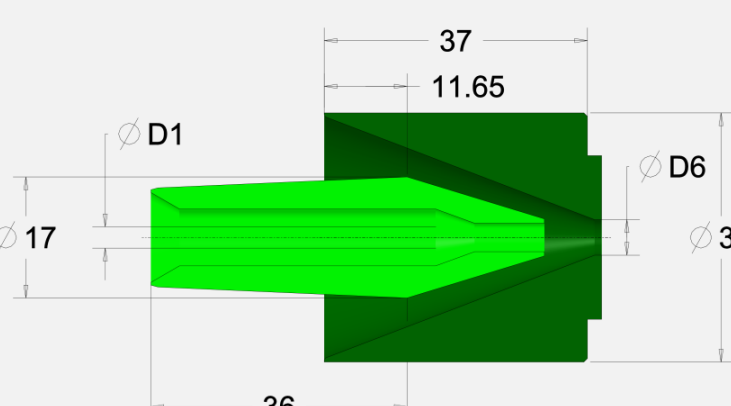
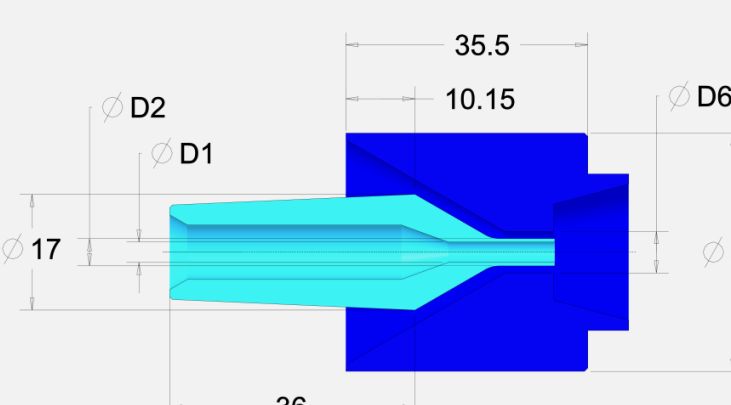
Compression	Tip	GAA0010...	1	Hardened steel	
			2	Steel with tungsten carbide insert	
			3	Alloy for fluoropolymer	
			4	Tungsten carbide	
			9	Steel with diamond insert	
	Die	FAA0010...	1	Hardened steel	
2			Steel with tungsten carbide insert		
3			Alloy for fluoropolymer		
4			Tungsten carbide		
9			Steel with diamond insert		
Semi-compression	Tip	GAA0020...	1	Hardened steel	
			2	Steel with tungsten carbide insert	
			3	Alloy for fluoropolymer	
			4	Tungsten carbide	
			9	Steel with diamond insert	
	Die	FAA0020...	1	Hardened steel	
2			Steel with tungsten carbide insert		
3			Alloy for fluoropolymer		
4			Tungsten carbide		
9			Steel with diamond insert		
Tube	Tip	GAA0030...	1	Hardened steel	
			2	Steel with tungsten carbide insert	
			3	Alloy for fluoropolymer	
			4	Tungsten carbide	
			9	Steel with diamond insert	
	Die	FAT0030...	1	Hardened steel	
2			Steel with tungsten carbide insert		
3			Alloy for fluoropolymer		
4			Tungsten carbide		
9			Steel with diamond insert		

Examples:

Compression die, steel with tungsten carbide insert	FAA00102	D6=...
Semi-compression tip, tungsten carbide	GAA00204	D1=...
Tube tip, hardened steel	GAA00301	D1=... D2=...

Tooling E8

Combination: TIP size E4 + DIE size E12/E14

Compression	Tip	GAA0010...	1	Hardened steel	
			2	Steel with tungsten carbide insert	
			3	Alloy for fluoropolymer	
			4	Tungsten carbide	
			9	Steel with diamond insert	
	Die	FBA0010...	1	Hardened steel	
2	Steel with tungsten carbide insert				
3	Alloy for fluoropolymer				
Semi-compression	Tip	GAA0020...	1	Hardened steel	
			2	Steel with tungsten carbide insert	
			3	Alloy for fluoropolymer	
			4	Tungsten carbide	
			9	Steel with diamond insert	
	Die	FBA0022...	1	Hardened steel	
2	Steel with tungsten carbide insert				
Tube	Tip	GAA0030...	1	Hardened steel	
			2	Steel with tungsten carbide insert	
			3	Alloy for fluoropolymer	
			4	Tungsten carbide	
			Die	FBA0030...	
	2	Steel with tungsten carbide insert			
3	Alloy for fluoropolymer				

Examples:

Compression die, steel with tungsten carbide insert
Semi-compression tip, tungsten carbide
Tube tip, hardened steel

FBA00102
GAA00204
GAA00301

D6=...
D1=...
D1=... D2=...

Tooling E12/E14

Compression	Tip	GBA0010...	1	Hardened steel	
			2	Steel with tungsten carbide insert	
			3	Alloy for fluoropolymer	
	Die	FBA0010...	1	Hardened steel	
			2	Steel with tungsten carbide insert	
			3	Alloy for fluoropolymer	
Semi-compression	Tip	GBA0022...	1	Hardened steel	
			2	steel with tungsten carbide insert	
			9	Steel with diamond insert	
	Die	FBA0022...	1	Hardened steel	
			2	Steel with tungsten carbide insert	
			3	Alloy for fluoropolymer	
Tube	Tip	GBA0030...	1	Hardened steel	
			2	Steel with tungsten carbide insert	
			3	Alloy for fluoropolymer	
	Die	FBA0030...	1	Hardened steel	
			2	Steel with tungsten carbide insert	
			3	Alloy for fluoropolymer	

Examples:

Compression die, Alloy for fluoropolymer
Semi-compression tip, steel with tungsten carbide inserts
Tube tip, hardened steel

FBA00103
GBA00222
GBA00301

D6=...
D1=...
D1=... D2=...

Tooling E25

Compression	Tip	GTA0010...	1	Hardened steel	
	Die	FTA0010...	1	Hardened steel	
Semi-compression	Tip	GTA0022...	1	Hardened steel	
	Die	FTA0022...	1	Hardened steel	
Tube	Tip	GTA0030...	1	Hardened steel	
			3	Alloy for fluoropolymer	
	Die	FTA0030...	1	Hardened steel	
			3	Alloy for fluoropolymer	

Examples:

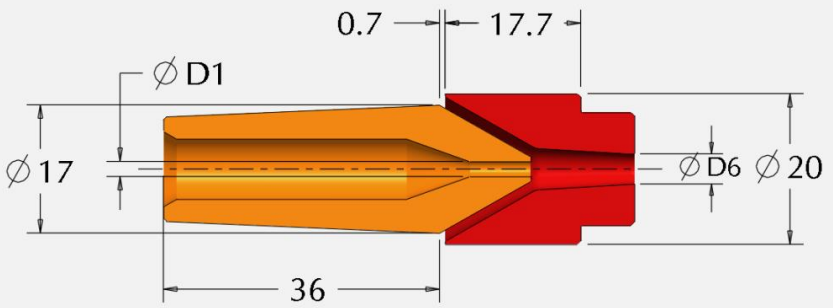
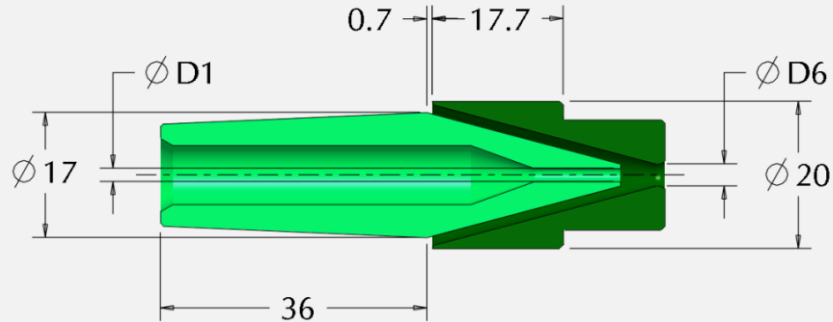
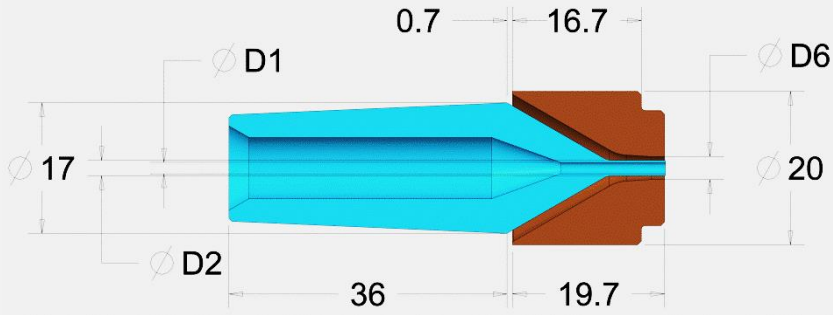
Compression die, hardened steel
Semi-compression tip, hardened steel
Tube tip, Alloy for fluoropolymer

FTA00101
GTA00221
GTA00303

D6=...
D1=...
D1=... D2=...

CARTRIDGE EXTRUSION TOOLING

Tooling E4K 4.1.0

		Compression					
Tip	GAA0010...	1	Hardened steel				
		2	Steel with tungsten carbide insert				
3	Alloy for fluoropolymer						
4	Tungsten carbide						
9	Steel with diamond insert						
Die	FAA0010...	1	Hardened steel				
		2	Steel with tungsten carbide insert				
		3	Alloy for fluoropolymer				
		4	Tungsten carbide				
Tip	GAA0020...	1	Hardened steel				
		2	Steel with tungsten carbide insert				
3	Alloy for fluoropolymer						
4	Tungsten carbide						
9	Steel with diamond insert						
Die	FAA0020...	1	Hardened steel				
		2	Steel with tungsten carbide insert				
		3	Alloy for fluoropolymer				
		4	Tungsten carbide				
Tip	GAA0030...	1	Hardened steel				
		2	Steel with tungsten carbide insert				
3	Alloy for fluoropolymer						
4	Tungsten carbide						
Die	FAA0030...	1	Hardened steel				
		2	Steel with tungsten carbide insert				
		3	Alloy for fluoropolymer				
		4	Tungsten carbide				

Examples:

Compression die, steel with tungsten carbide insert
 Semi-compression tip, tungsten carbide
 Tube tip, hardened steel

FAA00102
 GAA00204
 GAA00301

D6=...
 D1=...
 D1=... D2=...

Tooling E4K 4.6.0

Compression	Tip	GAA0010...	1	Hardened steel	
			2	Steel with tungsten carbide insert	
			3	Alloy for fluoropolymer	
			4	Tungsten carbide	
			9	Steel with diamond insert	
	Intermediate die	EAG0010...	1	Hardened steel	
			3	Alloy for fluoropolymer	
			4	Tungsten carbide	
	Die	FAA0010...	1	Hardened steel	
			2	Steel with tungsten carbide insert	
			3	Alloy for fluoropolymer	
			4	Tungsten carbide	

Examples:

	Die, alloy for fluoropolymer	FAA00103	D6=...
	Intermediate die, hardened steel	EAG00101	D6=...
	Tip, steel with tungsten carbide inserts	GAA00102	D1=...

Tooling E12K 12.1.0 & 12.2.0

Compression	Tip	GBA0010...	1	Hardened steel	
			2	Steel with tungsten carbide insert	
			3	Alloy for fluoropolymer	
	Die	FBA0010...	1	Hardened steel	
			2	Steel with tungsten carbide insert	
			3	Alloy for fluoropolymer	
Semi-compression	Tip	GBA0022...	1	Hardened steel	
			2	steel with tungsten carbide insert	
			9	Steel with diamond insert	
	Die	FBA0022...	1	Hardened steel	
			2	Steel with tungsten carbide insert	
			3	Alloy for fluoropolymer	
Tube	Tip	GBA0030...	1	Hardened steel	
			2	Steel with tungsten carbide insert	
			3	Alloy for fluoropolymer	
	Die	FBA0030...	1	Hardened steel	
			2	Steel with tungsten carbide insert	
			3	Alloy for fluoropolymer	

Examples:

Compression die, Alloy for fluoropolymer
Semi-compression tip, steel with tungsten carbide inserts
Tube tip, hardened steel

FBA00103
GBA00222
GBA00301

D6=...
D1=...
D1=... D2=...

Tooling E12K 12.3.0

Compression	Tip	GBA0010...	1	Hardened steel	
			2	Steel with tungsten carbide insert	
			3	Alloy for fluoropolymer	
			9	Steel with diamond insert	
	Intermediate die	EBG0010...	1	Hardened steel	
			2	Steel with tungsten carbide insert	
			3	Alloy for fluoropolymer	
	Die	FBA0010...	1	Hardened steel	
			2	Steel with tungsten carbide insert	
			3	Alloy for fluoropolymer	

Examples:

	Die, alloy for fluoropolymer	FBA00103	D6=...
	Intermediate die, hardened steel	EBG00101	D6=...
	Tip, steel with tungsten carbide inserts	GBA00102	D1=...

SPECIAL EXTRUSION TOOLING

SPECIAL EXECUTIONS

Options

- Lumens
- Threaded wire-guide
- Multi-conductors
- Flat cable tooling
- Special die shape
- Special coating
- Based on existing drawing
- And of course, all our previous and current references...

Don't hesitate to contact us!

