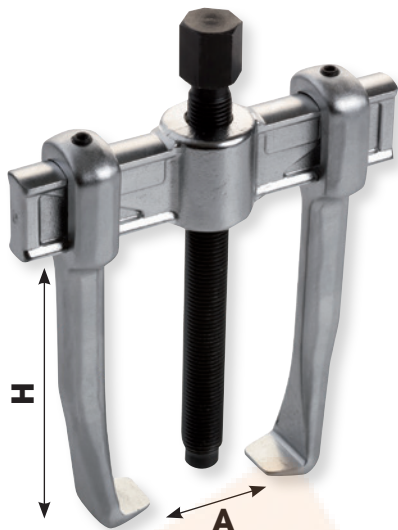


08

PULLERS



2 jaws puller

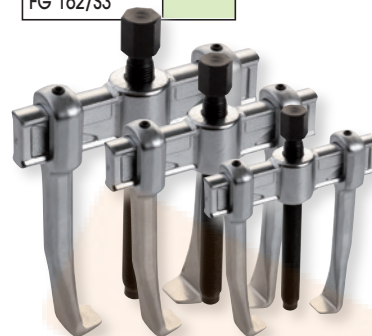
- Sliding jaws with screw locking
- External hooking
- Chrome vanadium steel jaws
- Chrome Vanadium steel screw

CODE	A/mm	H griffa	
FG 162/1	15 - 85mm	100 mm	
FG 162/2	15 - 125mm	100 mm	
FG 162/3	20 - 160mm	150 mm	
FG 162/4	20 - 200mm	150mm	
FG 162/5	40 - 250mm	200mm	

Set of 3pcs jaws pullers

Content: FG 162/1, FG 162/2, FG 162/3

CODE	
FG 162/S3	



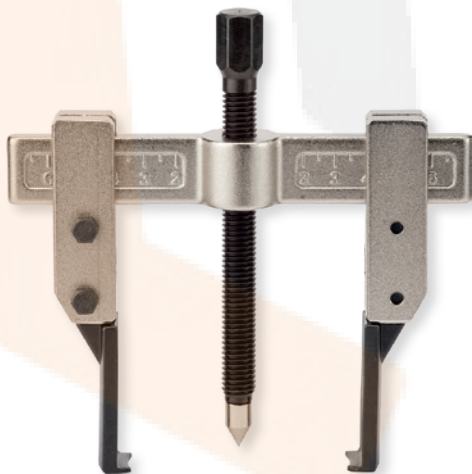
Jaw of replacement for FG 162/1-FG 162/5

CODE	FOR:	
FG 162/1-G1	FG 162/1	
FG 162/2-G2	FG 162/2	
FG 162/3-G3	FG 162/3	
FG 162/4-G4	FG 162/4	
FG 162/5-G4	FG 162/5	



Screw of replacement for FG 162/1-FG 162/5

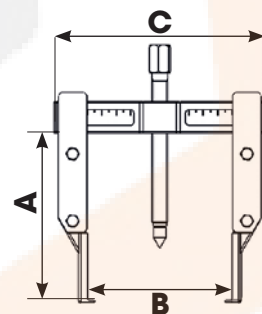
CODE	FOR:	
FG 162/1-V1	FG 162/1	
FG 162/2-V2	FG 162/2	
FG 162/3-V3	FG 162/3	
FG 162/4-V4	FG 162/4	
FG 162/5-V4	FG 162/5	



2 thin jaws puller

- Internal and External hooking
- Super thin interchangeable jaws in chrome vanadium steel
- Griff thickness: 2mm
- Chrome Vanadium steel screw

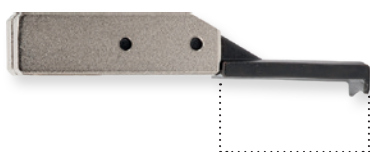
CODE	A/mm	B/mm	C/mm	
FG 168/EF1	110	140	186	
FG 168/EF2	195	140	186	



NEW

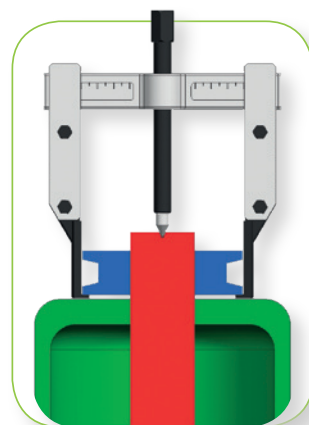
Jaw of replacement for FG 168/EF1-FG 168/EF2

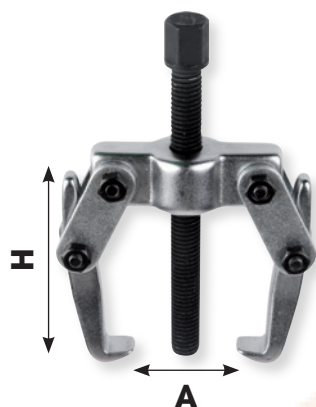
CODE	FOR:	
FG 168/EF1-G1	FG 168/EF1	
FG 168/EF2-G2	FG 168/EF2	



Screw of replacement for FG 168/EF1-FG 168/EF2

CODE	FOR:	
FG 168/EF1-V1	FG 168/EF1	
FG 168/EF2-V1	FG 168/EF2	





Small puller with 2 floating jaws

- Chrome vanadium steel jaws
- Chrome Vanadium steel screw

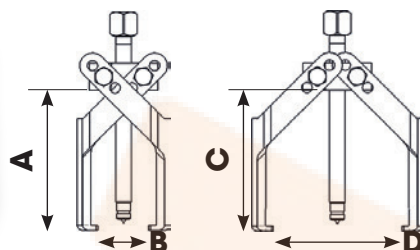
CODE	A/mm	H/mm
FG 162/ME	60 mm	85mm



2 jaws puller - scissor type

- External hooking
- Chrome vanadium steel adjustable jaws
- Chrome Vanadium steel screw

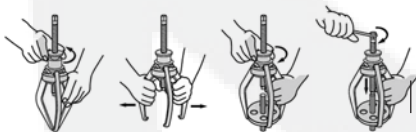
CODE	A/mm	B/mm	C/mm	D/mm
FG 162/FR1	90	55	90	95
FG 162/FR2	125	70	120	125
FG 162/FR3	125	80	160	125



Outside puller with self-adjustable jaws

- External hooking
- Chrome vanadium steel adjustable jaws
- Chrome Vanadium steel screw
- Can also be used with jaws for internal grip (see codes FG 164 /GR)

CODE	Ø / mm
FG 163/1	7 - 140
FG 163/2	10 - 180
FG 163/3	20 - 260



Jaw of replacement for FG 163/1-FG 163/3

CODE	FOR:
FG 163/1-GR1	FG 163/1
FG 163/2-GR2	FG 163/2
FG 163/3-GR3	FG 163/3



Screw of replacement for FG 163/1-FG 163/3

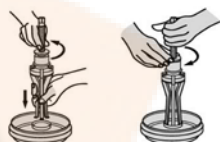
CODE	FOR:
FG 163/1-V1	FG 163/1
FG 163/2-V2	FG 163/2
FG 163/3-V3	FG 163/3



Inside puller with self-adjustable jaws

- Internal hooking
- Chrome vanadium steel adjustable jaws
- Chrome Vanadium steel screw
- Can also be used with jaws for external grip (see codes FG 163/GR)

CODE	Ø / mm
FG 164/1	23 - 130
FG 164/2	50 - 170



Jaw of replacement for FG 164/1-FG 164/2

CODE	FOR:
FG 164/1-GR1	FG 164/1
FG 164/2-GR2	FG 164/2



Screw of replacement for FG 164/1-FG 164/2

CODE	FOR:
FG 163/1-V1	FG 164/1
FG 163/2-V2	FG 164/2



Set of inside puller + jaws for external hooking

CODE	Ø/mm
FG 163/S2B	7 - 140 - internal hooking 50 - 170 - external hooking

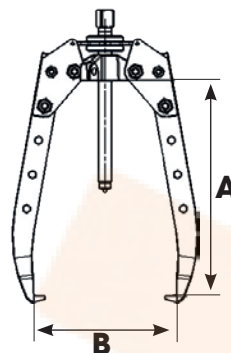




Self centering puller

- 4 different positions
- External hooking
- Self centering system
- Special design jaws

CODE	A/mm	B/mm	
FG 165/1	120	125	
FG 165/2	210	220	
FG 165/3	270	280	



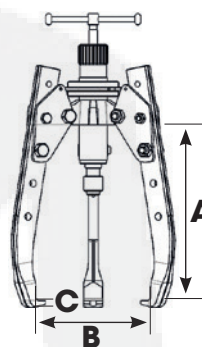
NEW



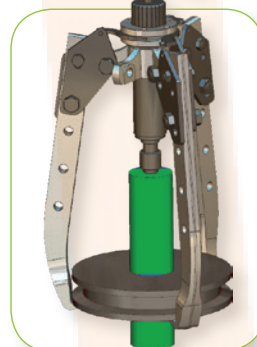
Self centering hydraulic puller

- 4 different positions
- External hooking
- Self centering system
- Special design jaws

CODE	A/mm	B/mm	C/mm	
FG 165/HI	270	280	4.5	



NEW

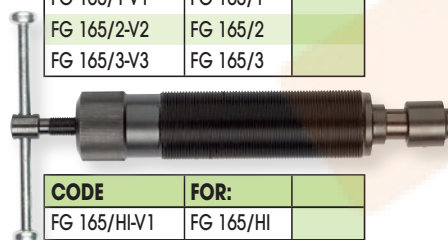


Jaw of replacement for FG 165/1-FG 165/3 & FG 165/HI

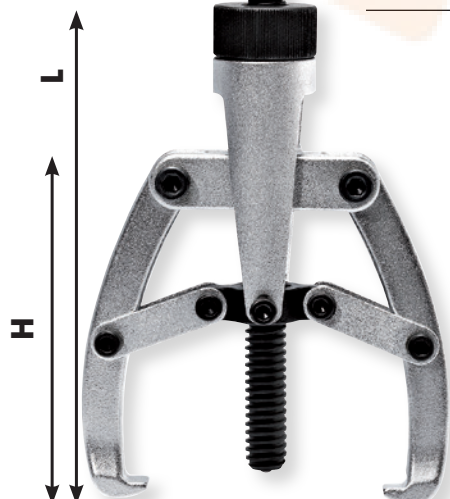
CÓDIGO	PARA:	
FG 165/1-G1	FG 165/1	
FG 165/2-G2	FG 165/2	
FG 165/3-G3	FG 165/3	
FG 165/HI-G1	FG 165/HI	

Screw of replacement for FG 165/1-FG 165/3

CODE	FOR:	
FG 165/1-V1	FG 165/1	
FG 165/2-V2	FG 165/2	
FG 165/3-V3	FG 165/3	



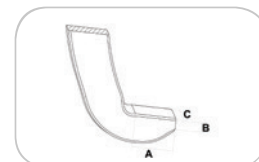
CODE	FOR:	
FG 165/HI-V1	FG 165/HI	

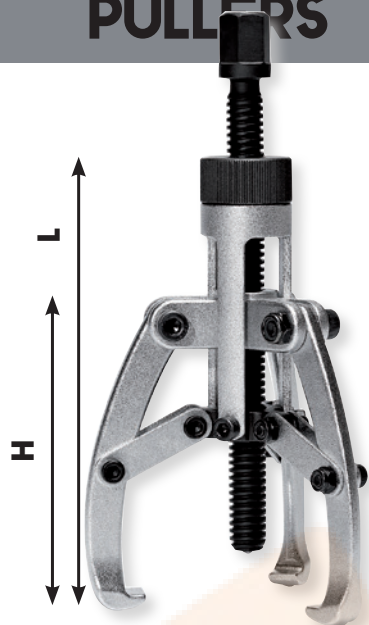


Heavy duty outside puller with 2 jaws

- External hooking
- The levers supporting each jaw multiply the power guaranteeing high strength levels

CODE	CAPACITY	Opening min-max	AxBxC/mm	HxL/mm	
FG 160/1	2 Ton.	20 - 115mm	8x6x15	80x120	
FG 160/2	5Ton.	30 - 240mm	11x10x25	160x250	
FG 160/3	10Ton.	40 - 380mm	14x10x29	230x380	

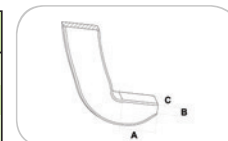




Heavy duty outside puller with 3 jaws

- External hooking
- The levers supporting each jaw multiply the power guaranteeing high strength levels

CODE	CAPACITY	Opening min-max	AxBxC/mm	HxL/mm	
FG 161/1	2 Ton.	28 - 112mm	8x6x15	80x120	
FG 161/2	5Ton.	40 - 243mm	11x10x25	160x250	
FG 161/3	10Ton.	46 - 370mm	14x10x29	230x380	



2/3 jaws puller

- Supplied with 3 jaws for internal hooking and 3 jaws for external hooking
- Chrome vanadium steel jaws

CODE	Ø internal	Ø external	
FG 165/IE1	25-100mm	0-75mm	
FG 165/IE2	45-150mm	40-130mm	

NEW



Slide hammer

- M12 X 1.5

CODE	FOR:	
FG 165/MB1	FG 165/IE1	
FG 165/MB2	FG 165/IE2	

NEW

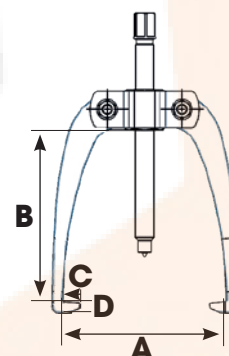


2 jaws floating jaws puller

- External hooking
- Chrome vanadium steel jaws

CODE	A/mm	B/mm	C/mm	D/mm	Ton.	
FG 160/GL1	80	80	10.7	7.90	1	
FG 160/GL2	116	122	11.0	8.10	3	
FG 160/GL3	160	161	14.2	11.1	5	
FG 160/GL4	200	202	19.0	14.5	8	

NEW



Replacement jaw

CODE	FOR:	
FG 160/GL1-G1	FG 160/GL1	
FG 160/GL2-G2	FG 160/GL2	
FG 160/GL3-G3	FG 160/GL3	
FG 160/GL4-G4	FG 160/GL4	

Replacement screw

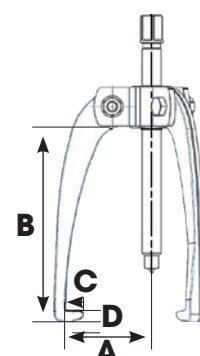
CODE	FOR:	
FG 160/GL1-V1	FG 160/GL1	
FG 160/GL2-V2	FG 160/GL2	
FG 160/GL3-V3	FG 160/GL3	
FG 160/GL4-V4	FG 160/GL4	

3 jaws floating jaws puller

- External hooking
- Chrome vanadium steel jaws

CODE	A/mm	B/mm	C/mm	D/mm	Ton.	
FG 161/GL1	80	80	10.7	7.90	1	
FG 161/GL2	116	122	11.0	8.10	3	
FG 161/GL3	160	161	14.2	11.1	5	
FG 161/GL4	200	202	19.0	14.5	8	

NEW



Replacement jaw

CODE	FOR:	
FG 160/GL1-G1	FG 161/GL1	
FG 160/GL2-G2	FG 161/GL2	
FG 160/GL3-G3	FG 161/GL3	
FG 160/GL4-G4	FG 161/GL4	

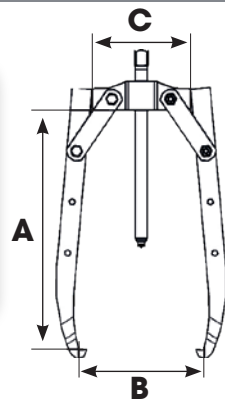
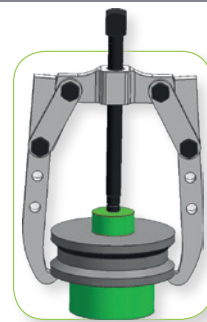
Replacement screw

CODE	FOR:	
FG 160/GL1-V1	FG 161/GL1	
FG 160/GL2-V2	FG 161/GL2	
FG 160/GL3-V3	FG 161/GL3	
FG 160/GL4-V4	FG 161/GL4	

2 oscillating jaws puller

- External hooking
- Chrome vanadium steel jaws

CODE	A/mm	B/mm	C/mm	
FG 160/OS1	105	110	70	
FG 160/OS2	185	175	80	
FG 160/OS3	225	240	113	
FG 160/OS4	225	290	160	
FG 160/OS5	400	350	161	

NEW**Raplacement jaw**

CODE	FOR:	
FG 160/OS1-G1	FG 160/OS1	
FG 160/OS2-G2	FG 160/OS2	
FG 160/OS3-G3	FG 160/OS3	
FG 160/OS4-G4	FG 160/OS4	
FG 160/OS1-G5	FG 160/OS5	

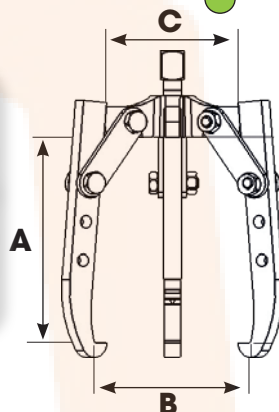
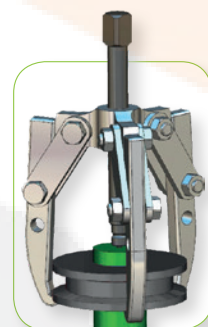
Vite di ricambio

CODE	FOR:	
FG 160/OS1-V1	FG 160/OS1	
FG 160/OS2-V2	FG 160/OS2	
FG 160/OS3-V3	FG 160/OS3	
FG 160/OS4-V4	FG 160/OS4	
FG 160/OS1-V5	FG 160/OS5	

3 oscillating jaws puller

- External hooking
- Chrome vanadium steel jaws

CODE	A/mm	B/mm	C/mm	
FG 161/OS1	105	110	80	
FG 161/OS2	185	175	104	
FG 161/OS3	225	240	108	
FG 161/OS4	225	290	160	
FG 161/OS5	400	350	161	

NEW**Raplacement jaw**

CODE	FOR:	
FG 160/OS1-G1	FG 161/OS1	
FG 160/OS2-G2	FG 161/OS2	
FG 160/OS3-G3	FG 161/OS3	
FG 160/OS4-G4	FG 161/OS4	
FG 160/OS1-G5	FG 161/OS5	

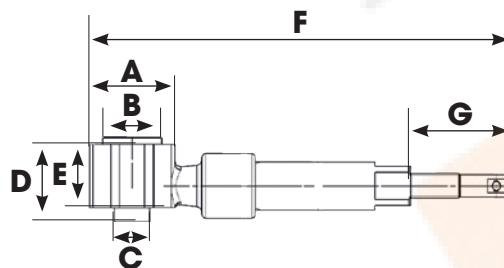
Vite di ricambio

CODE	FOR:	
FG 161/OS1-V1	FG 161/OS1	
FG 161/OS2-V2	FG 161/OS2	
FG 161/OS3-V3	FG 161/OS3	
FG 161/OS4-V4	FG 161/OS4	
FG 161/OS1-V5	FG 161/OS5	

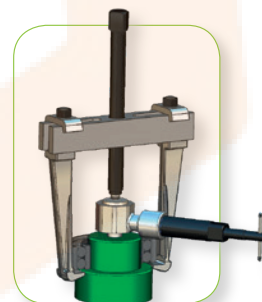
Hydraulic presses

- Manual return system
- 5 strokes
- Capacity: 9 Ton

CODE	
FG 162/MA1	

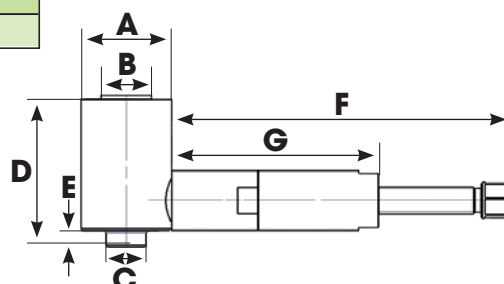
**NEW**

A/mm	B/mm	C/mm	D/mm	E/mm	F/mm	G/mm
48	34	20	43	35	238	58

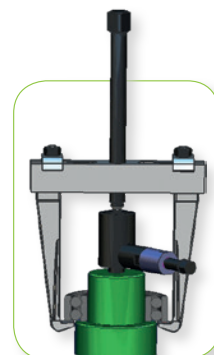
**Hydraulic presses**

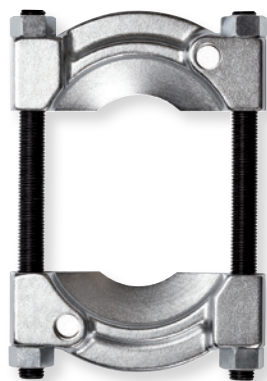
- Automatic return system
- 2 strokes
- Capacity: 11 Ton

CODE	
FG 162/MA3	

**NEW**

A/mm	B/mm	C/mm	D/mm	E/mm	F/mm	G/mm
70	25	28	82	12	170	103





Separator

CODICE	Ømm	L/mm	
FG 166/1	5 - 50	60	
FG 166/2	15 - 110	110	
FG 166/3	15 - 150	150	



Beam

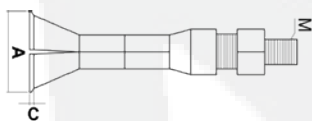
CODICE	Ømm	L/mm	
FG 167/1	25 - 95	90	
FG 167/2	40 - 120	180	
FG 167/3	75 - 190	245	
FG 167/4	80 - 280	300	

COUPLING BEAMS - SEPARATORS	
FG 167/1	-
FG 167/2	FG 166/1
FG 167/3	FG 166/2
FG 167/4	FG 166/3

Internal extractors



CÓDIGO	A/mm	M	C/mm	
FG 182/ES1	8.6-9.6	M10	1.5	
FG 182/ES2	13-18	M10	1.5	
FG 182/ES3	21-23	M10	1.5	
FG 182/ES4	25-29	M10	1.5	
FG 182/ES5	27.2-27.6	M10	2.5	
FG 182/ES6	36.5-37	M10	3.5	
FG 182/ES7	43-51	M16	3.5	



Pullers for internal extractor

CODICE	Ø/mm	M	L/mm	
FG 182/EG1	35 - 75	M10	140	
FG 182/EG2	60 - 140	M16	160	

Set of internal extractors and accessories

CODICE	CONTENUTO	
FG 182/S10	FG 182/ES1 - FG 182/ES7 FG 182/EG1, FG 182/EG2 FG 182/MI	720,00



Sliding hammer

CODICE	L/mm	M	
FG 182/MI	390	M10	



Dummy ball bearing extractors set - Ømm: 5, 6, 8, 9, 11, 12.5

CODICE	
FG 182/S14	



Extractors for broken screws

CODE	M	■ - ◆	L/mm	
FG 168/R6	6	1/4" - 21mm	60	
FG 168/R7	7	1/4" - 21mm	60	
FG 168/R8	8	1/4" - 21mm	60	
FG 168/R9	9	1/4" - 21mm	69	
FG 168/R10	10	1/4" - 21mm	69	
FG 168/R10.5	10.5	1/4" - 21mm	69	
FG 168/R12	12	1/4" - 21mm	69	
FG 168/R14	14	- 24mm	73	
FG 168/R16	16	- 24mm	73	



Set of 9pcs roller stud extractors

CODE	CONTENT	
FG 168/S9	FG 168/R6 - R16	

Tapered extractors for broken screws

CODE	Ø/mm	A/mm	
FG 168/F1	3-6	2.5	
FG 168/F2	6-8	3.0	
FG 168/F3	8-11	4.5	
FG 168/F4	11-14	6.0	
FG 168/F5	14-18	8.0	
FG 168/F6	18-24	11.0	
FG 168/F7	24-33	14.0	
FG 168/F8	33-50	21.0	



Set of tapered extractors

CODE	CONTENT	
FG 168/FS5	FG 168/F1 - F5	
FG 168/FS8	FG 168/F1 - F8	

Tapered extractors for broken screws

- Percussion mechanism

CODE	Ø/mm	
FG 168EP/S5	3 - 9	

NEW

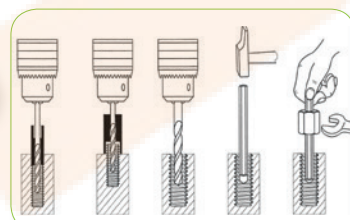


Threaded extractor set

- equipped with internal and external guides and drill bits
- for screws/bolts with diameter 6-16mm

CODE	
FG 168/S25	

NEW



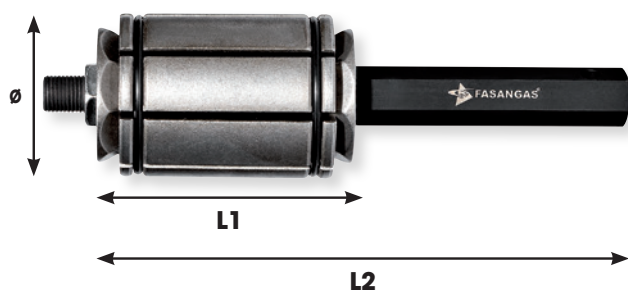
Nut splitter

CODE	Ø Max	L/mm	
FG 168/SD1	12mm	62	
FG 168/SD2	17mm	82	
FG 168/SD3	22mm	106	
FG 168/SD4	35mm	125	



Set of 4pcs nut splitters

CODE	CONTENT	
FG 168SD/S4	FG 164/SD1 - SD4	



Internal expander

CODE	Ø/mm	L1/mm	L2/mm	
FG 182/TS1	29-44	51	132	
FG 182/TS2	38-64	64	164	
FG 182/TS3	54-89	77	215	

