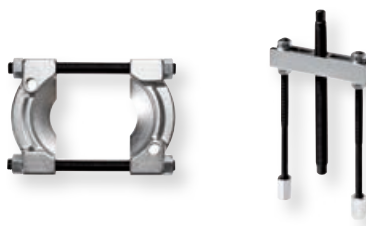


UNIVERSAL PULLERS



2 Jaws pullers	198
Heavy duty outside pullers with 2 jaws	198
Heavy duty outside pullers with 3 jaws	198
Small puller with 2 floating jaws	198

SEPARATORS AND BEAMS



Separators	200
Beams	200

PULLERS WITH 3 JAWS

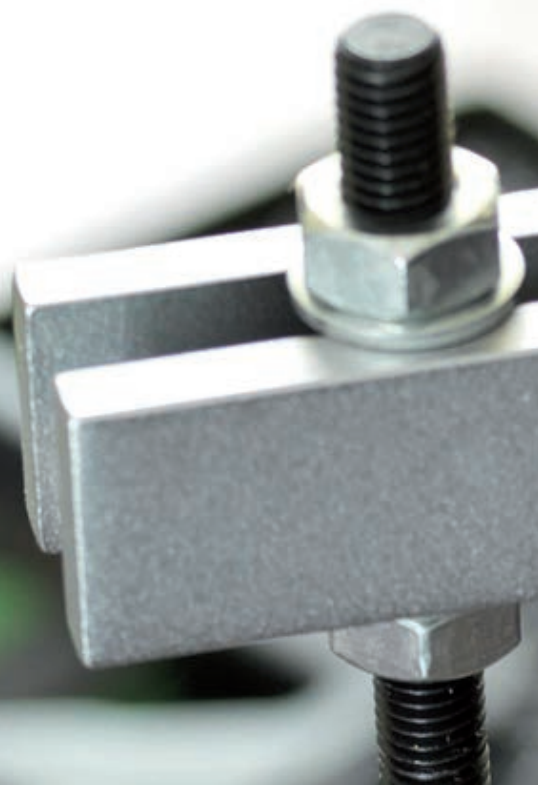


Outside 3 jaws pullers	199
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EXPANDERS



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Pullers for internal extractors	200
Internal expanders	201



EXTRACTORES FOR BROKEN SCREWS



Extractores for broken screws 202

Tapered extractores for broken screws 202

NUT SPLITTER



Nut splitter 203



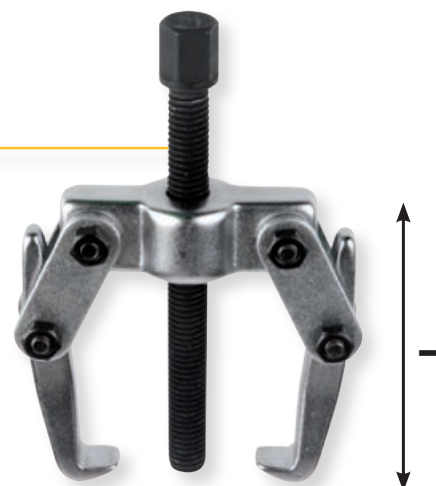


2 jaws puller

CODE	Opening min-max	H jaw	
FG 162/1	27 - 90mm	100 mm	
FG 162/2	27 - 135mm	100 mm	
FG 162/3	35 - 155mm	150 mm	
FG 162/4	35 - 190mm	150mm	
FG 162/5	50 - 250mm	200mm	

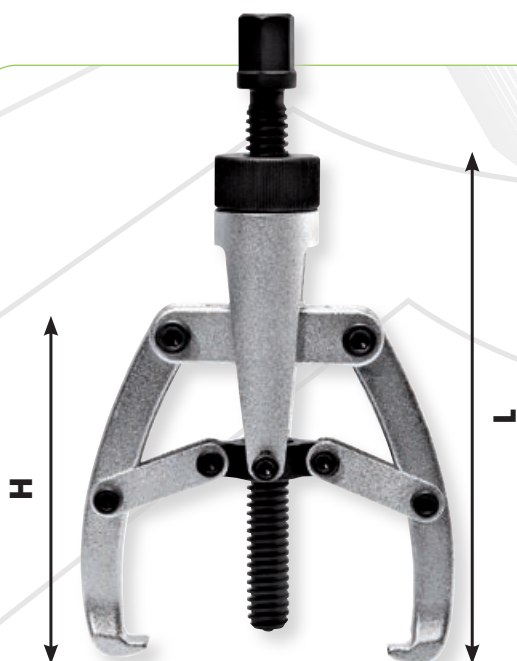
Small puller with 2 floating jaws

CODE	Opening max	H jaw	
FG 162/ME	60 mm	85mm	



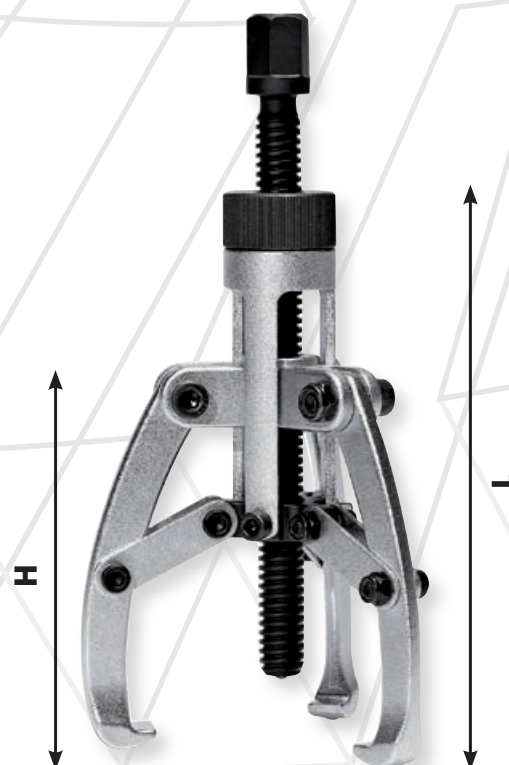
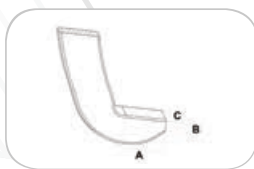
Heavy duty outside puller with 2 jaws

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	

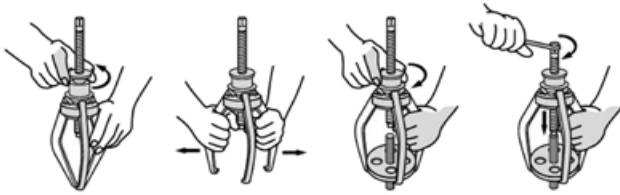


Heavy duty outside puller with 3 jaws

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	



Outside puller with 3 jaws



CODE	L min /mm	L max /mm	H/mm	
FG 163/1	7	140	147	
FG 163/2	10	180	200	
FG 163/3	20	260	250	

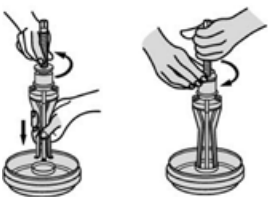


Set of 3 inside jaws for FG 163/...

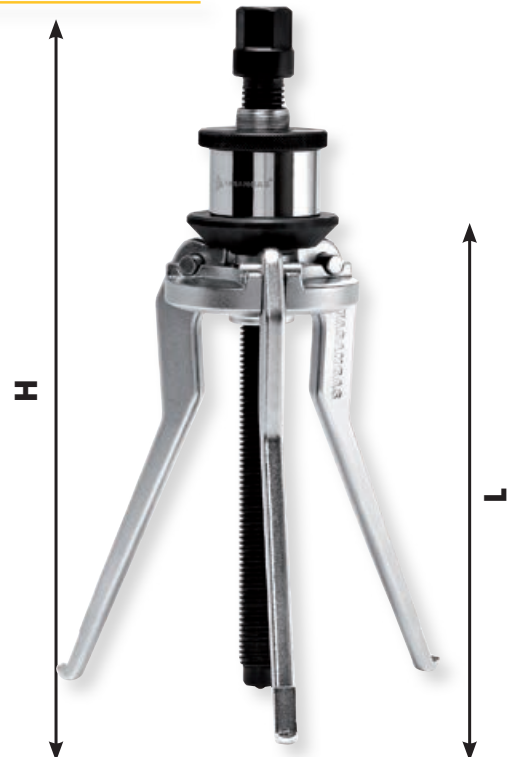
CODE	FOR:	
FG 164/GR1	FG 163/1	
FG 164/GR2	FG 163/2	



Inside puller with 3 jaws



CODE	L min /mm	L max /mm	H/mm	
FG 164/1	23	130	140	
FG 164/2	50	170	190	



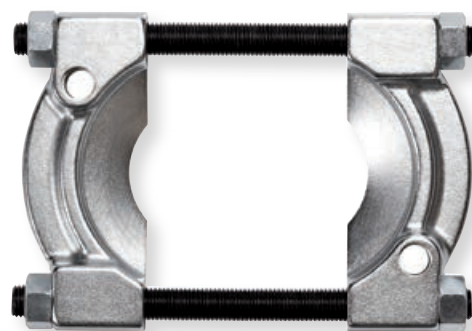
Set of 3 outside jaws for FG 164/...

CODICE	FOR:	
FG 163/GR1	FG 164/1	
FG 163/GR2	FG 164/2	



Separator

CODE	Ømm MIN	Ømm MAX	L/mm	
FG 166/1	5	50	60	
FG 166/2	15	110	110	
FG 166/3	15	150	150	



Beam

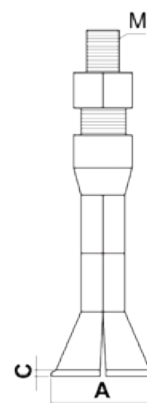
CODE	Ømm MIN	Ømm MAX	L/mm	
FG 167/1	25	95	90	
FG 167/2	40	120	180	
FG 167/3	75	190	245	
FG 167/4	80	280	300	



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

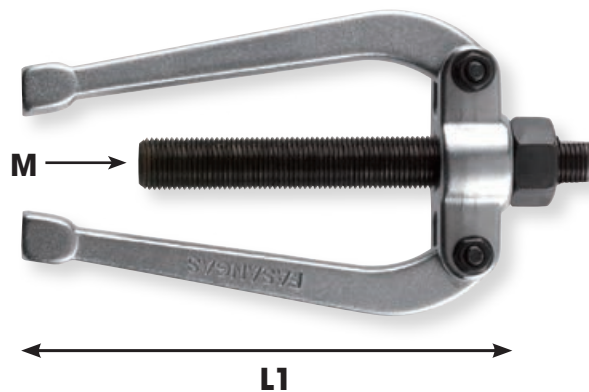
Internal extractor

CODE	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	



Puller for internal extractor

CODE	Ø/mm	M	L1/mm	
FG 182/EG1	35 - 75	M10	140	
FG 182/EG2	60 - 140	M16	160	



Sliding hammer

CODE	L/mm	M	
FG 182/MI	390	M10	



Set of internal extractors and accessories in ABS case

CODE	CONTENT	
FG 182/S10	FG 182/ES1 - FG 182/ES7 FG 182/EG1, FG 182/EG2 FG 182/MI	

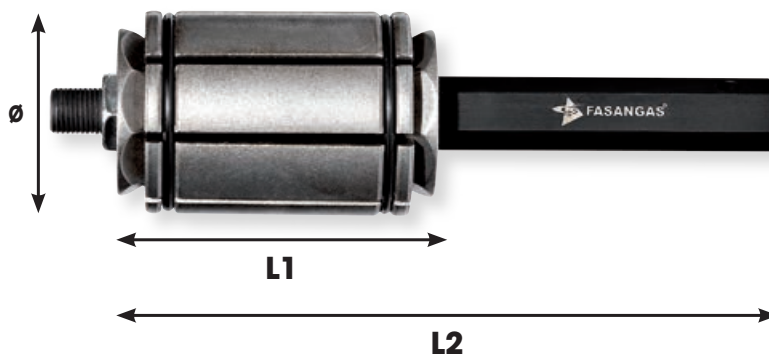


Form of internal extractors and accessories in ABS case

CODE	CONTENT	
FG 100/79	FG 182/ES1 - FG 182/ES7 FG 182/EG1, FG 182/EG2 FG 182/MI	

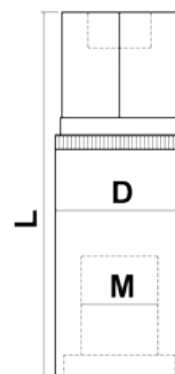
Internal expander

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	



EXTRACTOR 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 for broken screws

CODE	CONTENT	
FG 168/S9	FG 168/R6, R7, R8, R9, R10, R10.5, R12, R14, R16	

TAPERED EXTRACTOR 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	



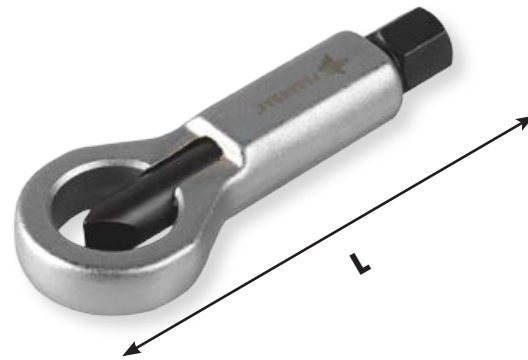
Set of tapered extractors

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



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 in ABS case

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

Form of 4pcs nut splitters

CODE	CONTENT	
FG 100/78	FG 168/SD1 - FG 168/SD4	

