

GRIPPEX® MINI

Bar Puller and Pick-up Unit for small-size Lathes and Machining Centers

- STATIONED AT THE TURRET OR TOOL MAGAZINE
- DRIVEN BY COOLANT
- CONTROLLED BY THE NC-PROGRAMME

Use Grippex MINI in a Lathe

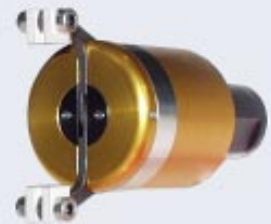
as a Bar Puller - self adjustable within the whole gripping range makes it possible to grip material on different diameters - it grips very close to the chuck!

equipped with robot fingers and jaws - for example when unloading finished parts safely from the Sub-spindle.



Use Grippex MINI in a Machining Center

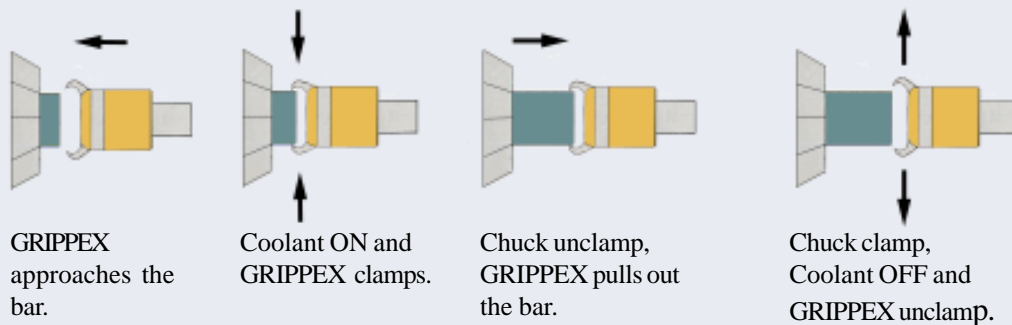
as a Robot - mounted on a Milling chuck with internal coolant supply, Grippex can load/unload workpieces into/out of M-code-controlled vices, chucks and rotary tables from/to a work piece storage. Grippex Mini can be stored in the tool magazine, and the adjacent tool positions need not be vacated.



Advantages

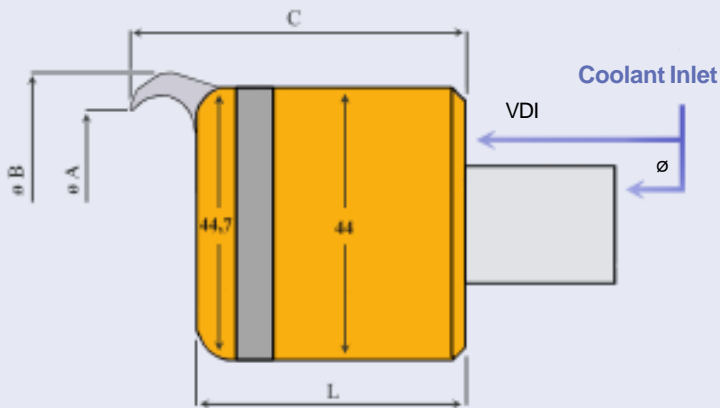
- Instant setup - gripping is secured without any adjustment within the whole gripping range.
- The fingers and jaws are easily exchangeable.
- The 2-finger type is very useful when pulling/gripping square, rectangular and irregular profiles such as cast profiles.
- Easy programming:
 - Coolant **ON** for Grippex to clamp.
 - Coolant **OFF** for Grippex to unclamp.

Programming example for Bar-Pulling on Lathes



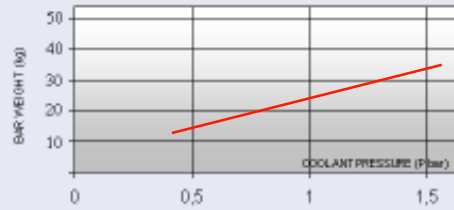
Specifikations

GRIPPEX® MINI



		L
Straight Shank	Directly fitted on the back plate	49.50 mm
VDI16	Directly fitted on the back plate	49.50 mm
VDI20	Back plate VDI (L+11.80)	61.30 mm

Pulling Force Graph



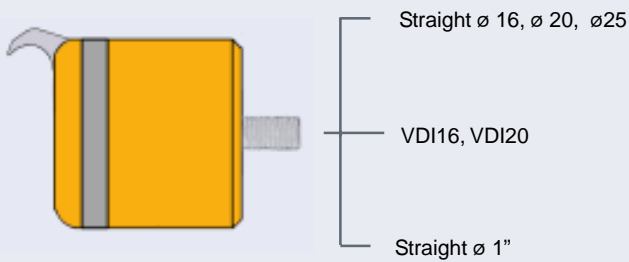
The graph shows the max. allowable weight of a mild steel bar to be pulled at a coefficient of friction valued <0.2

Grippex II Small stands high pressure - 7 bar

Dimensions at different gripping ranges

GRIPPING RANGE	ø A	ø B	C
Standard fingers	39 mm	52 mm	61.5 mm
Robot fingers	40 mm	60 mm	70.5 mm

Available shanks



ORDER CODE	DESCRIPTION
GPX-M/D16	Grippex Mini with ø 16 mm straight shank
GPX-M/D20	Grippex Mini with ø 20 mm straight shank
GPX-M/D25	Grippex Mini with ø 25 mm straight shank
GPX-M/VDI16	Grippex Mini with VDI16 shank
GPX-M/VDI20	Grippex Mini with VDI20 shank
GPX-M/1"	Grippex Mini with 1 inch shank

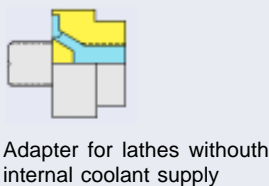
Gripping fingers



ORDER CODE	DESCRIPTION	CAPACITY
GPX-M/F38*	Grippex Mini gripping fingers	0-38 mm
GPX-M/R38*	Grippex Mini robot fingers	0-38 mm

*) Order set contains two fingers

Accessories



ORDER CODE	DESCRIPTION
GPX-M/AD20	Grippex Mini Adapter for ø20mm shank
GPX-M/AD25	Grippex Mini Adapter for ø25mm shank
GPX-M/RJ9*	Grippex Mini Robot Jaws

*) Order set contains two fingers

Distributed by:



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Grippex Mini Price List - 1st January 2009

Grippex 'Mini' 2-finger bar puller

Order code	Description	List price
GPX-M/D20	Grippex Mini with Shank o 20mm	£435.00
GPX-M/D25	Grippex Mini With Shank o 25mm	
GPX-M/VDI16	Grippex Mini with shank VDI16	£471.00
GPX-M/VDI20	Grippex Mini with shank VDI20	

Select Standard gripping fingers/robot fingers

GPX-M/F38	Gripping fingers 0 - 38mm, 1 Set	£57.00
GPX-M/R39	Robot fingers 0 - 39mm, 1 Set	£57.00
GPX-M/RJ9	Robot Jaws, 1 Set	£24.00
GPX-IIS/AD	Adapter for Shank o 20mm	£49.00
GPX-II/AD	Adapter for shank o 25mm	£49.00

1 set contains two fingers/Jaws