



Pneumatic Metal Shears

- high cutting speed
- optimum curve adaptability
- Iateral material discharge due to
- the ideal deflector geometry
- high machine uptime

Metal shears are used in the entire sheet-metal industry, for the processing of metals in the automotive-, container-, and shipbuilding industry, as well as in body shops. The shears can be used for either straight- or curved incisions. These tools are especially well-suited for the cutting of metal sheets and coils.



High cutting speed

The high power of the air-motor and the efficient construction of the cutting knives, allows a maximum cutting capacity into steel of 1,6 mm and into aluminum of 2,5 mm. Additionally, this shears allows smooth operation due to the low feed force. The high amount of impacts assures the finest cutting quality.

Optimum straight- and curve workability

Our Shears are especially well-suited for a straight- and curved cutting job of sheet-metal or non-ferrous plates. It is possible to adjust the pestle-knives and also to smoothly adjust the kni-fe-positioning during cutting.

Highly durable

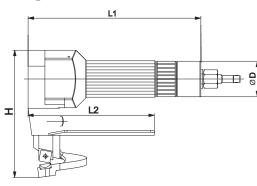
The robust construction assures a high longevity of your tool - even when used in 24/7 operations.

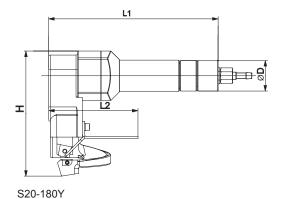
Ergonomic

Our shears allow a full view of the work-surface and the incision for maximum operational safety.

SPECIFICATIONS - METAL SHEARS

Design





S16-320Y

Metal Shears, handheld	Typ Part No.		S16-320Y 3240971C		S20-180Y		
Twist Valve					3388471A	3388471A	
Max. metal thickness							
Sheet metal up to 400 N/mm ²	mm	(in)	1,6	(.06)	2	(.08)	
Sheet metal up to 600 N/mm ²	mm	(in)	1,2	(.05)	1,6	(.06)	
Sheet metal up to 800 N/mm ²	mm	(in)	1	(.04)	1,4	(.06)	
Aluminum up to 250 N/mm ²	mm	(in)	2	(.08)	2,5	(.10)	
Max. power output	W	(hp)	320	(.43)	320	(.43)	
Air consumption (max. power)	m³/min	(cfm)	0,4	(14.12)	0,4	14.12)	
Impacts (at full load)	min ⁻¹	(rpm)	3 200		1 800		
Cutting speed up to	m/min		7		7		
Smallest cutting radius	mm	(in)	15	(.59)	20	(.79)	
Length L1	mm	(in)	185	(7.28)	211	(8.31)	
Length L2	mm	(in)	135	(5.31)	111	(4.37)	
Height H	mm	(in)	136	(5.35)	156	(6.14)	
Diameter D	mm	(in)	38	(1.50)	38	(1.50)	
Weight	kg	(lbs)	1,6	(.06)	1,9	(4.19)	
I.D. of air inlet hose	mm	(in)	6	(.24)	6	(.24)	
Air connection			thread 1/4"male		thread 1/4"m	thread 1/4"male	

Specifications at 90 psi (6,3 barú

Standard Equipment:	Part Number	Part Number		
Hose Nozzle	410532	410532		
Screw cap	410533	410533		
Allen key 2 mm	800443	-		
Allen key 2,5 mm	-	800445		
Allen key 3 mm	800446	-		
Allen key 4 mm	-	800447		



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