

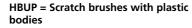


HBU = Scratch brushes for universal application

Can be used universally for all light cleaning work and rust removel.

HBU LH = Long Handle (LH) scratch brushes

Suitable for cleaning, rust removal, weld seam cleaning and cleaning of surfaces. Extra long handle.



Can be used universally for all light cleaning work and rust removal. The curved twocomponent handle allows safe and ergonomic work. The version with stainless steel (INOX) wire is approved for use in the foodstuff industry.



HBK = Scratch brushes for fillet welds

Suitable for the cleaning and derusting of fillet welds and V seams due to V-shape.

Ordering example:

EAN 4007220**659489**

HBU 10 ST 0.35

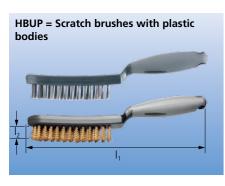
Please complete the description with the desired filament material and filament diameter.



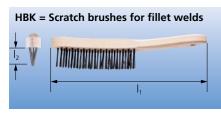
Description	Fila	ment mate	rial	No. of	Trim	Overall	
	Steel 0.35	INOX 0.30	Brass 0.30	rows Z	length	length	IP
	E	AN 400722	0		[mm]	[mm]	
HBU 10	659489	659496	-	1	25	290	10
HBU 20	572191	572221	572528	2	25	290	10
HBU 30	572207	572238	572535	3	25	290	10
HBU 40	572214	572245	572542	4	25	290	10
HBU 50	153741	572252	572559	5	25	290	10
HBU 60	713341	713365	-	6	25	290	10
Bulk pack							
HBU 30 GP	808320	-	-	3	25	290	50
HBU 40 GP	808337	808351	-	4	25	290	50
HBU 50 GP	808344	-	-	5	25	290	50



Description	Filament material Steel	No. of rows Z	Trim length I ₂ [mm]	Overall length I ₁ [mm]	
	0.35				
	EAN 4007220				
HBU LH 30	616840	3	25	350	10
HBU LH 40	616857	4	25	350	10



Description	Fila	ment mate	rial	No. of	Trim	Overall	
	Steel 0.40	INOX 0.40	Brass 0.30	rows Z	length	length	IP
	E	AN 400722	0		[mm]	[mm]	
HBUP 10	906583	906743	-	1	25	290	10
HBUP 20	906590	906750	906712	2	25	290	10
HBUP 30	906644	906767	906729	3	25	290	10
HBUP 40	906651	906774	906736	4	25	290	10
HBUP 50	906705	906781	-	5	25	290	10



Description	Filament material		No. of	Trim length	Overall	
	Steel 0.35	INOX 0.35	rows Z	l ₂ [mm]	length	IP
	EAN 40	007220			[mm]	
HBK 30	572481	572498	3	35	290	10

IP packaging Robust industrial packaging.

Note:

All scratch brushes are supplied with a hanging hole and are therefore perfect for presentation on the PFERD TOOL-CENTER. For easy identification, all scratch brushes are marked with EAN, description and filament

HBG = Scratch bruches, curved type

Ideally suited for cleaning work in hard-toreach areas e.g. angles, corners and pipes.

Steel = brass-coated steel wire

HBZ = Scratch brushes for spark plugs Ideally suited for cleaning spark plugs, small

workpieces and tools.

HBB = Scratch brushes/block brushes

Ideally suited for cleaning and rust removal on surfaces.

HBF = Scratch brushes for files

Suited for cleaning files.

HBFM = Scratch brushes for precision mechanics

Ideally suited for light cleaning work on fine surfaces. The filament diameter of 0.15 mm

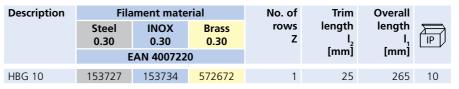
allows a smooth brushing action and produces a smooth surface.

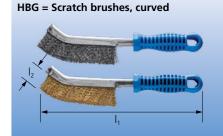
Ordering example:

EAN 4007220**153727**

HBG 10 ST 0.30

Please complete the description with the desired filament material and filament diameter.

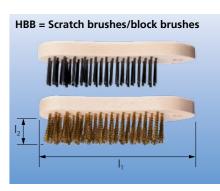




Brass Z [mm] [mm] IP	Description	Filament material	No. of rows		Overall length	
EAN 4007220			Z	[mm]	[mm]	IP
		EAN 4007220				
HBZ 30 572566 3 15 145 10	1107.20	572566	3	15	145	10

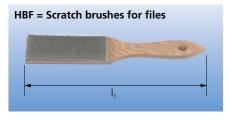
HBZ = Scratch brushes for spark plugs
12 14 14 14
1
I ₁

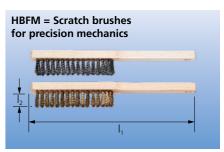
Description	Steel 0.35	material Brass 0.30 007220	No. of rows Z	Trim length I ₂ [mm]	Overall length l ₁ [mm]	IP
HBB 50	572504	573020	5	35	200	10



Description	Filament material Steel 0.15 EAN 4007220	No. of rows Z	Trim length l ₂ [mm]	Overall length I ₁ [mm]	IP
HBF 10	015315	1	7	232	5

B	E'I.		2.1	No. of	* **	0	
Description	Steel 0.15				Trim length l ₂	Overall length l ₁	IP
	EAN 4007220				[mm]	[mm]	
HBFM 40	659502	659519	659526	4	20	220	10







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