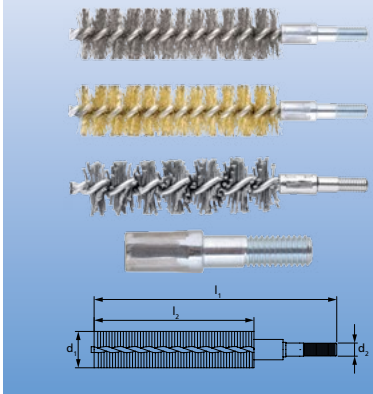




IBU = Threaded tube brushes, crimped



Particularly suitable for the deburring and cleaning of pipes, threads, coupling sleeves and cylinders. In addition to the thread, tube brushes up to 20 mm have a shank allowing them to be clamped into 6 mm collets. Tube brushes with 3/8 threads are also equipped with a shank of 10 mm.

Recommendations for use:

- Developed for use with low rotational speeds of up to 1,000 RPM

Ordering note:

Filament material diameter SiC tube brushes 1.00 mm

Ordering example:

EAN 4007220**659533**
IBU 0880/M6 ST 0.15

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



Description	Filament material				Brush dia. d ₁ [mm]	Trim length l ₂ [mm]	Thread d ₂	Filament dia. d ₆ [mm]	Overall length l ₁ [mm]	
	Steel	INOX	Brass	SiC 180						
	EAN 4007220									
IBU 0880/M6	659533	659540	659557	659564	8	80	M6	0.15	120	10
IBU 1080/M6	659571	659588	659595	659601	10	80	M6	0.15	120	10
IBU 1280/M6	659618	659625	659632	659649	12	80	M6	0.15	120	10
IBU 1380/M6	660447	660454	660461	660478	13	80	M6	0.20	120	10
IBU 1580/M6	660485	660515	660522	660539	15	80	M6	0.20	120	10
IBU 1680/M6	660546	660553	660560	660577	16	80	M6	0.20	120	10
IBU 1880/M6	660584	660591	660607	660614	18	80	M6	0.20	120	10
IBU 2080/M6	660621	660638	660645	660652	20	80	M6	0.20	120	10
IBU 22100/3/8 BSW	660669	660676	660683	660690	22	100	3/8	0.20	170	10
IBU 25100/3/8 BSW	660706	660713	660720	660737	25	100	3/8	0.20	170	10
IBU 30100/3/8 BSW	660744	660751	660768	660775	30	100	3/8	0.20	170	10
IBU 32100/1/2 BSW	749425	749449	749456	-	32	100	1/2	0.25	170	10
IBU 38100/1/2 BSW	749463	749470	749487	-	38	100	1/2	0.30	170	10
IBU 40100/1/2 BSW	749494	749500	749517	-	40	100	1/2	0.30	170	10
IBU 44100/1/2 BSW	749524	749531	749548	-	44	100	1/2	0.30	170	10
IBU 50100/1/2 BSW	749555	-	-	-	50	100	1/2	0.35	170	5
IBU 57100/1/2 BSW	749562	-	-	-	57	100	1/2	0.35	170	5
IBU 63100/1/2 BSW	749579	-	-	-	63	100	1/2	0.35	170	5
IBU 69100/1/2 BSW	749586	-	-	-	69	100	1/2	0.35	170	5
IBU 75100/1/2 BSW	749593	-	-	-	75	100	1/2	0.35	170	1
IBU 82100/1/2 BSW	749609	-	-	-	82	100	1/2	0.35	170	1
IBU 101100/1/2 BSW	749616	-	-	-	101	100	1/2	0.50	170	1

SWG = Quick-change handles



Suitable for manual work with tube brushes. Quick-change handles can also be combined and supplemented with the IBUV extensions. Please refer to the table "Combination options" on page 41 for all possible length combinations.

The SWG-6 quick-change handle incorporates a collet in which tools with a shank diameter

of 6 mm can be clamped. All group 10 collets can be used. Please refer to Catalogue 209 for detailed information and ordering data.

Ordering example:

EAN 4007220**721803**
SWG-M6

Please complete the description with the desired thread.

Description	Thread				Overall length l ₁ [mm]	
	M6	3/8	1/2	Collet 6 mm		
	EAN 4007220					
SWG-	721803	723036	749333	-	135	1
SWG-6	-	-	-	723043	150	1



In order to work in hard-to-reach areas, tube brushes, extensions (IBUV), wire shanks (IBUS) or quick-change handles (SWG) are used.

Please refer to the table "Combination options" for all possible length combinations. Please note the outer diameter of the screw socket:

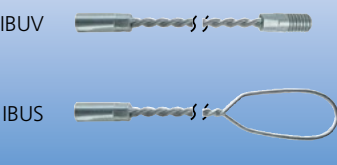
M6 = 12 mm
3/8 = 12 mm
1/2 = 16 mm

Ordering example:

EAN 4007220**726884**
IBUV M6 300

Please complete the description with the desired thread.

IBUV = Extension for tube brushes
IBUS = Wire shank for tube brushes



Description	Thread			Overall length l ₁ [mm]	
	M6	3/8	1/2		
	EAN 4007220				
IBUV ... 300	726884	726891	750032	300	1
IBUV ... 1000	660782	660799	750049	1,000	1
IBUS ... 300	726907	726914	750094	300	1
IBUS ... 1000	660805	660812	750100	1,000	1

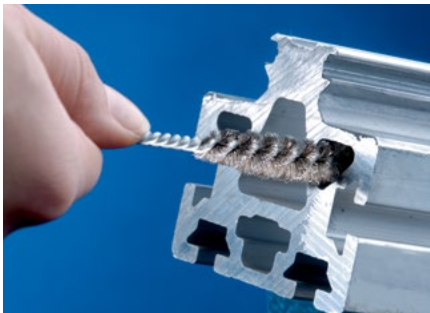
Combination options

The extensions (IBUV) and wire shanks (IBUS) can be combined with one another in a number of different permutations in order to achieve the desired overall length. Extensions (IBUV) can be combined with one another.

Example:

IBUV 1000 (extension) + IBUS 300 (wire shank)
= Desired total length 1,300 mm

Extension	SWG [mm]	IBUS 300 [mm]	IBUS 1000 [mm]
without	135	300	1,000
IBUV 300	435	600	1,300
IBUV 1000	1,135	1,300	2,000



Especially suitable for brushing in hard-to-reach areas such as internal pipe surfaces and holes in manual applications.

Ordering note:

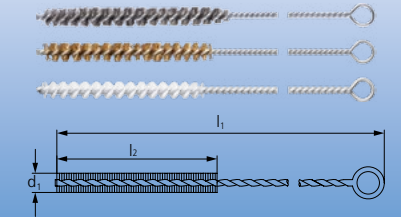
Nylon filament without abrasive grain

Ordering example:

EAN 4007220**748923**
IBU 06100 ST 0.15

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

IBU = Tube brushes, without thread, crimped



Description	Filament material					Brush dia. d ₁ [mm]	Trim length l ₂ [mm]	Overall length l ₁ [mm]	
	Steel 0.15	INOX 0.15	Brass 0.15	Nylon 0.20	Nylon 0.30				
	EAN 4007220								
IBU 06100	748923	748930	748947	748961	-	6	100	300	10
IBU 08100	748985	748992	749005	749012	-	8	100	300	10
IBU 10100	749036	749050	749043	749067	-	10	100	300	10
IBU 12100	749074	749081	749098	-	749104	12	100	300	10
IBU 15100	749111	749128	749142	-	749159	15	100	300	10
IBU 20100	749166	749173	749180	-	749197	20	100	300	10
IBU 25100	749203	749210	749227	-	749708	25	100	300	10
IBU 30100	749241	749258	749265	-	749272	30	100	300	10



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