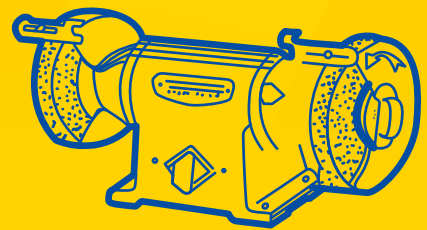
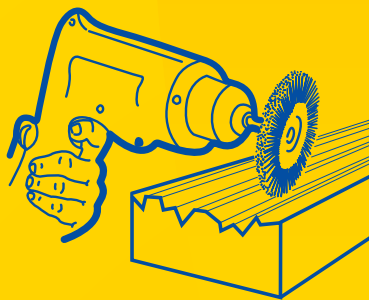
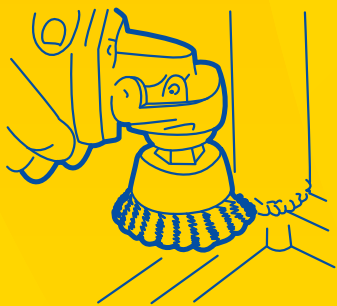


# union®

## Industrial Brushes



## 2023

# Product Catalogue

**Easy**

**Fast**

**Safe**



**U**nion Brushes was established by the Eang Lian Corporation in Taiwan in 1985. Since then it has grown into a well-known and highly respected manufacturer of industrial brushes, boasting a wide range of power driven brushes in many configurations and sizes.

Metal filament materials include high carbon steel, galvanised steel, 316 stainless steel, brass and brass coated steel. Synthetic materials include nylon, high temperature abrasive nylon, polypropylene and PVC. Natural fibres include cotton/calico, sisal and tampico; whilst other materials include abrasive composites and non-woven abrasive fibres.

Fully automated production facilities allow Union to not only produce quality products in a timely and consistent manner, but also to have the flexibility to produce specials to individual customer requirements. Certified to ISO 9001:2008, Union has stringent quality control systems in place covering inspection and testing of products and procedures.

Should you need brushes that are not listed in our catalogue, please contact Impact Tools direct on 1300 103 104 to discuss your requirements.





## OPERATING INSTRUCTIONS

### Safety First

In order to minimise the risk of injury, the following steps must be taken...

- All operators and personnel in areas where brushes are being used must wear safety goggles or face shields
- Before starting the job, spin the brush for 1 minute without touching the work surface
- Read and understand the enclosed instructions before operation
- Never allow the machine to exceed the recommended maximum RPM



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# WHEEL BRUSHES

## Bench Mount



WW



WG / WGS



KW

### High Carbon Steel - Crimped Wire

Diameter	Width (mm)	Mount (mm)	Wire Ø (mm)	Max RPM	Packaging	Part No
150	20	25 MB	0.3	6000	Carded	WG-60 1145112
150	25	25 MB	0.3	6000	Carded	WG-65 1145212
200	25	25 MB	0.3	4500	Carded	WG-85 1147212

### 316 Stainless Steel - Crimped Wire

Diameter	Width (mm)	Mount (mm)	Wire Ø (mm)	Max RPM	Packaging	Part No
150	20	25 MB	0.3	6000	Carded	WGS-60 1145132
150	25	25 MB	0.3	6000	Carded	WGS-65 1145232
200	25	25 MB	0.3	4500	Carded	WGS-85 1147232

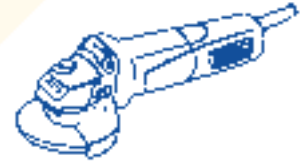
### High Carbon Steel - Twist Knot

Diameter	Mount (mm)	Wire Ø (mm)	Knots	Max RPM	Packaging	Part No
150	25 MB	0.5	24	9000	Carded	KW-60 4115742
200	25 MB	0.5	32	8500	Carded	KW-80 4117742



# WHEEL BRUSHES

## Twist Knot Pipeline Wheel Brushes



KIV / KIVS



KI / KIS

### High Carbon Steel

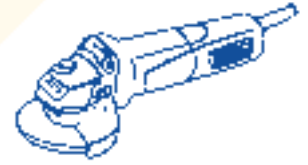
Diameter	Mount (mm)	Wire Ø (mm)	Knots	Max RPM	Packaging	Part No
125	22	0.5	30	12500	Box	KI-50 4143740
125	22	0.5	30	12500	Box	KIV-50 4943740
125	22	0.5	30	12500	Carded	KIV-50 4943742

### 316 Stainless Steel

Diameter	Mount (mm)	Wire Ø (mm)	Knots	Max RPM	Packaging	Part No
125	22	0.5	30	9000	Box	KIS-50 4143790
125	22	0.5	30	12500	Box	KIVS-50 4943790
125	22	0.5	30	12500	Carded	KIVS-50 4943792

# WHEEL BRUSHES

## Twist Knot



**KW / KWS**



**KWV / KWVS**

### High Carbon Steel

Diameter	Mount (mm)	Wire Ø (mm)	Knots	Max RPM	Packaging	Part No
100	16	0.5	18	12500	Carded	KW-40 4111542
125	22	0.5	20	10000	Carded	KW-50 4113742
125	22	0.5	24	12500	Box	KWV-50 4813740
125	22	0.5	24	12500	Carded	KWV-50 4813742

### 316 Stainless Steel

Diameter	Mount (mm)	Wire Ø (mm)	Knots	Max RPM	Packaging	Part No
100	16	0.5	18	12500	Box	KWS-40 4111590
125	22	0.5	20	10000	Box	KWS-50 4113790
125	22	0.5	24	12500	Carded	KWVS-50 4813792

# BEVEL BRUSHES

## Crimped Wire



VA / VAS

### High Carbon Steel

Diameter	Mount	Wire Ø (mm)	Max RPM	Packaging	Adaptor	Part No
100	M14 x 2	0.3	12500	Carded	M10 X 1.5	VA-44 1334412
125	M14 x 2	0.5	12500	Carded		VA-54 1335412

### 316 Stainless Steel

Diameter	Mount	Wire Ø (mm)	Max RPM	Packaging	Adaptor	Part No
100	M14 x 2	0.3	12500	Carded	M10 X 1.5	VAS-44 1334432
125	M14 x 2	0.5	10000	Carded		VAS-54 1335432



# BEVEL BRUSHES

## Twist Knot



KV / KVS

### High Carbon Steel

Diameter	Mount	Wire Ø (mm)	Knots	Max RPM	Packaging	Adaptor	Part No
100	M10 x 1.5	0.5	18	12500	Carded		KV-41 4336142
100	M14 x 2	0.5	18	12500	Box		KV-44 4336440
100	M14 x 2	0.5	18	12500	Carded	M10 X 1.5	KV-44 4336442
125	M14 x 2	0.5	20	10000	Carded		KV-54 4338442

### 316 Stainless Steel

Diameter	Mount	Wire Ø (mm)	Knots	Max RPM	Packaging	Adaptor	Part No
100	M14 x 2	0.5	18	12500	Carded	M10 X 1.5	KVS-44 4336492
125	M14 x 2	0.5	20	10000	Carded		KVS-54 4338492

# CUP BRUSHES

## Crimped Wire



CC / CCS

### High Carbon Steel

Diameter	Mount	Wire Ø (mm)	Max RPM	Packaging	Adaptor	Part No
65	M10 x 1.5	0.5	12500	Carded		CC-21 1212112
75	M10 x 1.5	0.5	12500	Carded		CC-31 1213112
75	M14 x 2	0.5	12500	Carded	M10 X 1.5	CC-34 1213412
100	M14 x 2	0.5	9000	Carded		CC-44 1214412

### 316 Stainless Steel

Diameter	Mount	Wire Ø (mm)	Max RPM	Packaging	Adaptor	Part No
75	M14 x 2	0.35	12500	Box		CCS-34 1213430
75	M14 x 2	0.35	12500	Carded	M10 X 1.5	CCS-34 1213432

# CUP BRUSHES

## Twistknot



KC / KCC / KCS / KCCS



KCC-44



KCR / KCRS

### High Carbon Steel

Diameter	Mount	Wire Ø (mm)	Knots	Max RPM	Packaging	Adaptor	Part No
65	M14 x 2	0.5	16	12500	Box		KCC-24 4203440
65	M14 x 2	0.5	16	12500	Carded	M10 X 1.5	KCC-24 4203442
75	M14 x 2	0.5	18	12500	Box		KCC-34 4204440
75	M14 x 2	0.5	18	12500	Carded	M10 X 1.5	KCC-34 4204442
75	M14 x 2	0.35	18	12500	Carded	M10 X 1.5	KCC-34F 4204422
100	M14 x 2	0.5	20	9000	Box		KCC-44 4206440
100	M14 x 2	0.5	20	9000	Carded		KCC-44 4206442
125	M14 x 2	0.5	28	6000	Box		KC-54 4238440
125	M14 x 2	0.5	28	6000	Carded		KC-54 4238442
125	M14 x 2	0.35	28	6000	Box		KC-54F 4238420

### High Carbon Steel - Heavy Duty

Diameter	Mount	Wire Ø (mm)	Knots	Max RPM	Packaging	Adaptor	Part No
80	M14 x 2	0.5	20	8500	Box		KCR-84 4266440
100	M14 x 2	0.5	24	8500	Box		KCR-104 4268440
120	M14 x 2	0.5	30	6000	Box		KCR-124 4269440

# CUP BRUSHES

## Twist Knot

### 316 Stainless Steel

Diameter	Mount	Wire Ø (mm)	Knots	Max RPM	Packaging	Adaptor	Part No
65	M14 x 2	0.5	16	12500	Carded	M10 X 1.5	KCCS-24 4203492
75	M14 x 2	0.5	18	12500	Carded	M10 X 1.5	KCCS-34 4204492
75	M14 x 2	0.35	18	12500	Carded	M10 X 1.5	KCCS-34F 4204472

# SPINDLE MOUNT

## Crimped Wire



ASW-19



ASW / ASWA



SWA



SCA

### High Carbon Steel

Diameter / Width	Spindle (mm)	Wire Ø (mm)	Max RPM	Packaging	Part No
19 x 5	6	0.3	4500	Carded	ASW-19 1481912
25 x 8	6	0.3	18000	Carded	ASW-25 1482512
38 x 8	6	0.3	15000	Carded	ASW-38 1483812
50 x 8	6	0.3	15000	Box	ASW-50 1485010
50 x 8	6	0.3	15000	Carded	ASW-50 1485012
50 x 20	6	0.3	4500	Box	ASWA-50 1485210
50 x 20	6	0.3	4500	Carded	ASWA-50 1485212
65 x 12	6	0.3	15000	Carded	SWA-25 1425212
75 x 13	6	0.3	12000	Carded	SWA-30 1426212
100 x 13	6	0.3	12000	Carded	SWA-40 1427212
50	6	0.3	4500	Carded	SCA-20 1534112
65	6	0.3	4500	Carded	SCA-25 1535112
75	6	0.3	4500	Carded	SCA-30 1536112

# SPINDLE MOUNT

## Crimped Wire



SWAS



SCAS

### 316 Stainless Steel

Diameter / Width	Spindle (mm)	Wire Ø (mm)	Max RPM	Packaging	Part No
30 x 8	6	0.3	18000	Box	SWAS-12 1422230
40 x 10	6	0.3	18000	Box	SWAS-15 1423230
50 x 12	6	0.3	15000	Box	SWAS-20 1424230
65 x 12	6	0.3	15000	Box	SWAS-25 1425230
75 x 13	6	0.3	12000	Carded	SWAS-30 1426232
100 x 13	6	0.3	12000	Box	SWAS-40 1427230
50	6	0.3	4500	Box	SCAS-20 1534130
65	6	0.3	4500	Box	SCAS-25 1535130
75	6	0.3	4500	Box	SCAS-30 1536130



# SPINDLE MOUNT

## Crimped Wire



### High Carbon Steel

Diameter	Length/OAL	Spindle (mm)	Wire Ø (mm)	Max RPM	Packaging	Part No
20	30/85	6	0.3	20000	Carded	PE-06 1760612
12	25/75	6	0.3	20000	Carded	SE-04 1710412
20	25/75	6	0.3	20000	Carded	SE-06 1710612
25	25/75	6	0.3	20000	Box	SE-10 1711010
25	25/75	6	0.3	20000	Carded	SE-10 1711012
32	25/80	6	0.3	20000	Box	SE-12 1711210
40	15/55	6	0.3	20000	Carded	CE-15 1771512

### Galvanised High Carbon Steel

Diameter	Length/OAL	Spindle (mm)	Wire Ø (mm)	Max RPM	Packaging	Part No
11	30/75	6	0.33	4500	Carded	APE-11 1791112
16	33/80	6	0.33	4500	Carded	APE-16 1791612
19	33/80	6	0.33	4500	Carded	APE-19 1791912
8	30/175	6	0.33	4500	Carded	APLE-08 1790812
11	30/75	6	0.33	4500	Carded	ASE-11 1781112
16	30/80	6	0.33	4500	Carded	ASE-16 1781612
19	30/80	6	0.33	4500	Carded	ASE-19 1781912
8	25/175	6	0.33	4500	Carded	ASLE-08 1780812

### 316 Stainless Steel

Diameter	Length/OAL	Spindle (mm)	Wire Ø (mm)	Max RPM	Packaging	Part No
12	25/75	6	0.3	20000	Carded	SES-04 1710432
20	25/75	6	0.3	20000	Box	SES-06 1710630
20	25/75	6	0.3	20000	Carded	SES-06 1710632
25	25/75	6	0.3	20000	Box	SES-10 1711030
25	25/75	6	0.3	20000	Carded	SES-10 1711032

# SPINDLE MOUNT

## Twist Knot



KSW / KSWs



KSV



KSC



KE / KES

### High Carbon Steel

Diameter	Spindle (mm)	Wire Ø (mm)	Knots	Max RPM	Packaging	Part No.
75	6	0.4	15	6000	Carded	KSW-30 4416332
100	6	0.4	18	6000	Carded	KSW-40 4417332
85	6	0.4	18	6000	Carded	KSV-35 4636332
100	6	0.4	18	6000	Carded	KSV-40 4637332
65	6	0.4	18	6000	Carded	KSC-25 4535332
75	6	0.4	18	6000	Carded	KSC-30 4536332
13	6	0.35	4	20000	Box	KE-04 4714310
20	6	0.35	8	20000	Box	KE-06 4716310
20	6	0.35	8	20000	Carded	KE-06 4716312
25	6	0.35	12	20000	Box	KE-10 4718310

### 316 Stainless Steel

Diameter	Spindle (mm)	Wire Ø (mm)	Knots	Max RPM	Packaging	Part No.
75	6	0.4	15	6000	Carded	KWS-30 4416382
100	6	0.4	18	12,500	Carded	KWS-40 4417382
13	6	0.35	4	20000	Box	KES-04 4714360
20	6	0.35	8	20000	Box	KES-06 4716360
20	6	0.35	8	20000	Carded	KES-06 4716362
25	6	0.35	12	20000	Box	KES-10 4718360

# HAND BRUSHES



**HNJ**



**HET**



**HIJ**



## Hand Brush

Material	Width (mm)	Length/OAL	Handle	Wire Ø (mm)	Packaging	Part No
Brass Coated Steel	20	120/260	Red	0.35	Loose	HNJP-91 7318940
Stainless Steel	20	120/260	Blue	0.35	Loose	HNJ-93 7318930
PVC	20	120/260	Yellow	0.5	Loose	HNJ-97 7318970
Brass Wire	20	120/260	Green	0.35	Loose	HNJ-92 7318920

## 3 Piece Sets, End, Curved & Tube

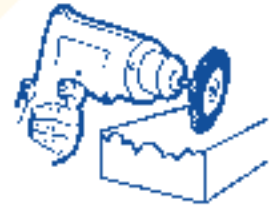
Material	Width (mm)	Length/OAL	Handle	Wire Ø (mm)	Packaging	Part No
High Carbon Steel	19	70/220	Loop	0.2	Carded	HET-31 7132102
Stainless Steel	19	70/220	Loop	0.13	Carded	HET-33 7132302
PVC	19	70/220	Loop	0.3	Carded	HET-37 7132702
Brass	19	70/220	Loop	0.13	Carded	HET-32 7132202

## 2 Piece Sets, Straight & Curved

Material	Width (mm)	Length/OAL	Handle	Wire Ø (mm)	Packaging	Part No
High Carbon Steel	19	70/220	Loop	0.2	Carded	HIJ-21 7122102
Stainless Steel	19	70/220	Loop	0.13	Carded	HIJ-23 7122302
PVC	19	70/220	Loop	0.3	Carded	HIJ-27 7122702
Brass	19	70/220	Loop	0.13	Carded	HIJ-22 7122202

# TUBE BRUSHES

## Hex and Round Shank



QTA



GTS

### High Carbon Steel

Diameter	Length/OAL	Spindle	Wire Ø	Max RPM	Packaging	Part No
10	60/115	1/4 Hex	0.2	3600	Carded	QTA-03 6182132
13	60/115	1/4 Hex	0.2	3600	Carded	QTA-04 6183132
16	60/115	1/4 Hex	0.2	3600	Carded	QTA-05 6184132
19	60/115	1/4 Hex	0.2	3600	Carded	QTA-06 6185132
25	60/115	1/4 Hex	0.2	3600	Carded	QTA-10 6187132
32	60/115	1/4 Hex	0.2	3600	Carded	QTA-12 6188132

### Abrasive Nylon

Diameter	Length/OAL	Spindle (mm)	Grit	Max RPM	Packaging	Part No
16	50/100	6	120G	5000	Loose	GTS-16 9632040
24	50/100	6	120G	4000	Loose	GTS-24 9633040
32	60/110	6	120G	4000	Loose	GTS-32 9634040
40	60/110	6	120G	4000	Loose	GTS-40 9635040
48	60/110	6	120G	4000	Loose	GTS-48 9636040
56	60/110	6	120G	4000	Loose	GTS-56 9637040

# TUBE BRUSHES

## Hand



TI



TIB



### High Carbon Steel

Diameter	Length/OAL	Mount	Wire Ø (mm)	Packaging	Part No.
5	25/100	Hand	0.2	Loose	TI-05 1850510
6	50/150	Hand	0.2	Loose	TI-06 1850610
8	50/150	Hand	0.2	Loose	TI-08 1850810

### Brass

Diameter	Length/OAL	Mount	Wire Ø (mm)	Packaging	Part No.
3	25/100	Hand	0.2	Loose	TIB-03 1850320
5	25/100	Hand	0.2	Loose	TIB-05 1850520
6	50/150	Hand	0.2	Loose	TIB-06 1850620
8	50/150	Hand	0.2	Loose	TIB-08 1850820

# TUBE BRUSHES

## Hand



TIN



TIS

### Nylon

Diameter	Length/OAL	Mount	Wire Ø (mm)	Packaging	Part No.
3	25/100	Hand	0.14	Loose	TIN-03 1850350
5	25/100	Hand	0.14	Loose	TIN-05 1850550
6	50/150	Hand	0.14	Loose	TIN-06 1850650
8	50/150	Hand	0.14	Loose	TIN-08 1850850

### Stainless Steel

Diameter	Length/OAL	Mount	Wire Ø (mm)	Packaging	Part No.
3	25/100	Hand	0.05	Loose	TIS-03 1850330
5	25/100	Hand	0.05	Loose	TIS-05 1850530
6	50/150	Hand	0.1	Loose	TIS-06 1850630
8	50/150	Hand	0.1	Loose	TIS-08 1850830



# TUBE BRUSHES

## Hand - Heavy Duty



### High Carbon Steel

Diameter	Length/OAL	Mount	Wire Ø (mm)	Packaging	Part No.
10	100/225	Hand	0.2	Carded	TIZ-10 1801010
13	100/225	Hand	0.2	Carded	TIZ-13 1801310
16	100/225	Hand	0.2	Carded	TIZ-16 1801610
19	100/225	Hand	0.2	Carded	TIZ-19 1801910
25	100/225	Hand	0.2	Carded	TIZ-25 1802510
32	100/225	Hand	0.2	Carded	TIZ-32 1803210

### Brass

Diameter	Length/OAL	Mount	Wire Ø (mm)	Packaging	Part No.
10	100/225	Hand	0.11	Carded	TIZB-10 1801020
13	100/225	Hand	0.11	Carded	TIZB-13 1801320
16	100/225	Hand	0.11	Carded	TIZB-16 1801620
19	100/225	Hand	0.11	Carded	TIZB-19 1801920
25	100/225	Hand	0.11	Carded	TIZB-25 1802520
32	100/225	Hand	0.11	Carded	TIZB-32 1803220

### Nylon

Diameter	Length/OAL	Mount	Wire Ø (mm)	Packaging	Part No.
10	100/225	Hand	0.25	Carded	TIZP-10 1801070
13	100/225	Hand	0.25	Carded	TIZP-13 1801370
16	100/225	Hand	0.25	Carded	TIZP-16 1801670
19	100/225	Hand	0.25	Carded	TIZP-19 1801970
25	100/225	Hand	0.25	Carded	TIZP-25 1802570
32	100/225	Hand	0.25	Carded	TIZP-32 1803270

### Stainless Steel

Diameter	Length/OAL	Mount	Wire Ø (mm)	Packaging	Part No.
10	100/225	Hand	0.12	Carded	TIZS-10 1801030
13	100/225	Hand	0.12	Carded	TIZS-13 1801330
16	100/225	Hand	0.12	Carded	TIZS-16 1801630
19	100/225	Hand	0.12	Carded	TIZS-19 1801930
25	100/225	Hand	0.12	Carded	TIZS-25 1802530
32	100/225	Hand	0.12	Carded	TIZS-32 1803230

# TUBE BRUSHES

## Threaded End



TT

### High Carbon Steel

Diameter	Length/OAL	Mount (BSW)	Wire Ø (mm)	Packaging	Part No.
6	60/100	3/16"F	0.15	Loose	TT-02 1810210
8	60/100	3/16"F	0.2	Loose	TT-92 1819210
10	80/130	3/16"M	0.3	Loose	TT-03 1810310
13	90/140	1/4"M	0.3	Loose	TT-04 1810410
16	90/140	5/16"M	0.3	Loose	TT-05 1810510
19	90/140	5/16"M	0.3	Loose	TT-06 1810610
22	110/190	1/2"M	0.3	Loose	TT-07 1810710
25	110/190	1/2"M	0.3	Loose	TT-10 1811010
32	110/190	1/2"M	0.3	Loose	TT-12 1811210
38	110/190	1/2"M	0.3	Loose	TT-14 1811410
45	110/190	1/2"M	0.3	Loose	TT-16 1811610
50	110/190	1/2"M	0.3	Loose	TT-20 1812010
57	110/190	1/2"M	0.3	Loose	TT-22 1812210
64	110/190	1/2"M	0.3	Loose	TT-24 1812410
70	110/190	1/2"M	0.3	Loose	TT-26 1812610
76	110/190	1/2"M	0.4	Loose	TT-30 1813010
89	110/190	1/2"M	0.4	Loose	TT-34 1813410
102	110/190	1/2"M	0.4	Loose	TT-40 1814010
115	110/190	1/2"M	0.4	Loose	TT-44 1814410
127	125/210	1/2"M	0.5	Loose	TT-50 1815010
140	125/210	1/2"M	0.5	Loose	TT-54 1815410
152	125/210	1/2"M	0.5	Loose	TT-60 1816010
178	125/210	1/2"M	0.5	Loose	TT-70 1817010
203	125/210	1/2"M	0.5	Loose	TT-80 1818010

# TUBE BRUSHES

## Threaded End



TTB

### Brass

Diameter	Length/OAL	Mount (BSW)	Wire Ø (mm)	Packaging	Part No.
6	60/100	3/16"F	0.12	Loose	TTB-02 1810220
8	60/100	3/16"F	0.12	Loose	TTB-92 1819220
10	80/130	3/16"M	0.12	Loose	TTB-03 1810320
13	90/140	1/4"M	0.12	Loose	TTB-04 1810420
16	90/140	5/16"M	0.12	Loose	TTB-05 1810520
19	90/140	5/16"M	0.12	Loose	TTB-06 1810620
22	110/190	1/2"M	0.27	Loose	TTB-07 1810720
25	110/190	1/2"M	0.27	Loose	TTB-10 1811020
32	110/190	1/2"M	0.27	Loose	TTB-12 1811220
38	110/190	1/2"M	0.27	Loose	TTB-14 1811420
45	110/190	1/2"M	0.27	Loose	TTB-16 1811620
50	110/190	1/2"M	0.27	Loose	TTB-20 1812020

# TUBE BRUSHES

## Threaded End



TTN

### Nylon

Diameter	Length/OAL	Mount (BSW)	Wire Ø (mm)	Packaging	Part No.
6	60/100	3/16"F	0.23	Loose	TTN-02 1810250
8	60/100	3/16"F	0.23	Loose	TTN-92 1819250
10	80/130	3/16"M	0.23	Loose	TTN-03 1810350
13	90/140	1/4"M	0.3	Loose	TTN-04 1810450
16	90/140	5/16"M	0.3	Loose	TTN-05 1810550
19	90/140	5/16"M	0.3	Loose	TTN-06 1810650
22	110/190	1/2"M	0.37	Loose	TTN-07 1810750
25	110/190	1/2"M	0.4	Loose	TTN-10 1811050
32	110/190	1/2"M	0.4	Loose	TTN-12 1811250
38	110/190	1/2"M	0.4	Loose	TTN-14 1811450
45	110/190	1/2"M	0.5	Loose	TTN-16 1811650
50	110/190	1/2"M	0.5	Loose	TTN-20 1812050

# TUBE BRUSHES

## Threaded End



TTS

### Stainless Steel

Diameter	Length/OAL	Mount (BSW)	Wire Ø (mm)	Packaging	Part No.
6	60/100	3/16" F	0.12	Loose	TTS-02 1810230
8	60/100	3/16" F	0.12	Loose	TTS-92 1819230
10	80/130	3/16" M	0.12	Loose	TTS-03 1810330
13	90/140	1/4" M	0.12	Loose	TTS-04 1810430
16	90/140	5/16" M	0.12	Loose	TTS-05 1810530
19	90/140	5/16" M	0.12	Loose	TTS-06 1810630
22	90/190	1/2" M	0.3	Loose	TTS-07 1810730
25	110/190	1/2" M	0.3	Loose	TTS-10 1811030
32	110/190	1/2" M	0.3	Loose	TTS-12 1811230
38	110/190	1/2" M	0.3	Loose	TTS-14 1811430
45	110/190	1/2" M	0.3	Loose	TTS-16 1811630
50	110/190	1/2" M	0.3	Loose	TTS-20 1812030

# ACCESSORIES

## Threaded End



TE



HNT



### Male to Female Steel Extensions

Length	Mounts (BSW)	Packaging	Part No
150mm	3/16"	Loose	TE-1030150
305mm	3/16"	Loose	TE-1030305
609mm	3/16"	Loose	TE-1030609
914mm	3/16"	Loose	TE-1030914
1219mm	3/16"	Loose	TE-10301219
150mm	1/4"	Loose	TE-1020150
305mm	1/4"	Loose	TE-1020305
609mm	1/4"	Loose	TE-1020609
914mm	1/4"	Loose	TE-1020914
1219mm	1/4"	Loose	TE-10201219
150mm	5/16"	Loose	TE-1025150
305mm	5/16"	Loose	TE-1025305
609mm	5/16"	Loose	TE-1025609
914mm	5/16"	Loose	TE-1025914
1219mm	5/16"	Loose	TE-10251219
150mm	1/2"	Loose	TE-1040150
305mm	1/2"	Loose	TE-1040305
609mm	1/2"	Loose	TE-1040609
914mm	1/2"	Loose	TE-1040914
1219mm	1/2"	Loose	TE-10401219

### Plastic Handles - Steel Shank

Length	Mounts (BSW)	Packaging	Part No
150	3/16" F	Loose	HNT-F103
150	1/4" F	Loose	HNT-F102
170	5/16" F	Loose	HNT-F105
175	1/2" F	Loose	HNT-F104



# TUBE BRUSHES

## Condenser



TCB



TCN

### Brass

Diameter	Length/OAL	Mount	Wire Ø (mm)	Packaging	Part No.
5/16"	55/110	8-32" UNC F	0.12	Loose	TCB-92 1840820
3/8"	55/110	10-24" UNC F	0.12	Loose	TCB-03 1841020
7/16"	55/110	1/4" UNF M	0.12	Loose	TCB-035 1841120
1/2"	55/110	1/4" UNF M	0.12	Loose	TCB-04 1841320
9/16"	55/110	1/4" UNF M	0.12	Loose	TCB-045 1841420
5/8"	55/110	1/4" UNF M	0.12	Loose	TCB-05 1841620
11/16"	55/110	1/4" UNF M	0.12	Loose	TCB-055 1841720
3/4"	55/110	1/4" UNF M	0.12	Loose	TCB-06 1841920
13/16"	55/110	1/4" UNF M	0.12	Loose	TCB-065 1842120
7/8"	55/110	1/4" UNF M	0.12	Loose	TCB-07 1842220
15/16"	55/110	1/4" UNF M	0.12	Loose	TCB-075 1842420
1"	55/110	1/4" UNF M	0.12	Loose	TCB-10 1842520

### Nylon

Diameter	Length/OAL	Mount	Wire Ø (mm)	Packaging	Part No.
5/16"	75 / 115	8-32" UNC F	0.4	Loose	TCN-92 1840850
3/8"	95 / 150	10-24" UNC F	0.4	Loose	TCN-03 1841050
7/16"	95 / 150	1/4" UNF M	0.4	Loose	TCN-035 1841150
1/2"	95 / 150	1/4" UNF M	0.4	Loose	TCN-04 1841350
9/16"	95 / 150	1/4" UNF M	0.4	Loose	TCN-045 1841450
5/8"	95 / 150	1/4" UNF M	0.4	Loose	TCN-05 1841650
11/16"	95 / 150	1/4" UNF M	0.4	Loose	TCN-055 1841750
3/4"	95 / 150	1/4" UNF M	0.4	Loose	TCN-06 1841950
13/16"	95 / 150	1/4" UNF M	0.4	Loose	TCN-065 1842150
7/8"	95 / 150	1/4" UNF M	0.4	Loose	TCN-07 1842250
15/16"	95 / 150	1/4" UNF M	0.4	Loose	TCN-075 1842450
1"	95 / 150	1/4" UNF M	0.4	Loose	TCN-10 1842550

# TUBE BRUSHES

## Condenser

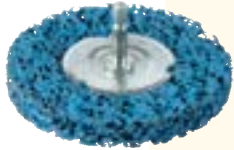


TCS

### 316 Stainless Steel

Diameter	Length/OAL	Mount	Wire Ø (mm)	Packaging	Part No.
5/16"	55/110	8-32" UNC F	0.12	Loose	TCS-92 1840830
3/8"	55/110	10-24" UNC F	0.12	Loose	TCS-03 1841030
7/16"	55/110	1/4" UNF M	0.12	Loose	TCS-035 1841130
1/2"	55/110	1/4" UNF M	0.12	Loose	TCS-04 1841330
9/16"	55/110	1/4" UNF M	0.12	Loose	TCS-045 1841430
5/8"	55/110	1/4" UNF M	0.12	Loose	TCS-05 1841630
11/16"	55/110	1/4" UNF M	0.12	Loose	TCS-055 1841730
3/4"	55/110	1/4" UNF M	0.12	Loose	TCS-06 1841930
13/16"	55/110	1/4" UNF M	0.12	Loose	TCS-065 1842130
7/8"	55/110	1/4" UNF M	0.12	Loose	TCS-07 1842230
15/16"	55/110	1/4" UNF M	0.12	Loose	TCS-075 1842430
1"	55/110	1/4" UNF M	0.12	Loose	TCS-10 1842530

# SUPER ABRASIVE Wheels



**QAPM**



**VGPM**



**WGP**



**WSG**

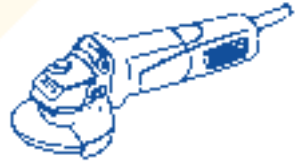
## Super Abrasive

Diameter	Mount	Max RPM	Packaging	Part No
50	1/4" Hex	4500	Carded	QAPM-20 6584002
65	1/4" Hex	4500	Carded	QAPM-25 6585002
75	1/4" Hex	4500	Carded	QAPM-30 6586002
100	1/4" Hex	4500	Carded	QAPM-40 6587002
100	16mm	12000	Carded	VGPM-48N 5384512
115	22mm	11000	Carded	VGPM-457N 5385712
125	22mm	11000	Carded	VGPM-57N 5386712
180	22mm	3300	Carded	WGP-77 5397000

## Quick-Loc

Diameter	Mount	Material	Max RPM	Packaging	Part No.
50	Quick-Loc	Super Abrasive	15000	Carded	WSG-20 5132002
75	Quick-Loc	Super Abrasive	12000	Carded	WSG-30 5133002

# NON-WOVEN FIBRE



VNP

## Non Woven Fibre

Diameter	Mount	Grit/Colour	Max RPM	Packaging	Adaptor	Part No
100	M14 X 2	180/Red	12500	Carded	M10 X 1.5	VNP-44 5364402
100	M14 X 2	240/Grey	12500	Carded	M10 X 1.5	VNP-44 5364462
100	M14 X 2	320/Black	12500	Carded	M10 X 1.5	VNP-44 5364432
100	M14 X 2	400/Yellow	12500	Carded	M10 X 1.5	VNP-44 5364442
100	M14 X 2	500/Coffee	12500	Carded	M10 X 1.5	VNP-44 5364452
100	M14 X 2	600/Green	12500	Carded	M10 X 1.5	VNP-44 5364412

# ABRASIVE FIBRE DISCS

## Quick-Loc



WSP



WSP 50mm 5 PACK



WSP 75mm 3 PACK

### Single Disc Abrasive Fibre

Diameter	Mount	Grit / Colour	Max RPM	Packaging	Part No.
50	Quick-Loc	40 / Coffee	25000	Loose	WSP-20H3 5182100
50	Quick-Loc	60 / Maroon	25000	Loose	WSP-20G1 5182110
50	Quick-Loc	80 / Brown	25000	Loose	WSP-20G3 5182120
50	Quick-Loc	120 / Red	25000	Loose	WSP-20G4 5182130
50	Quick-Loc	180 / Green	25000	Loose	WSP-20G5 5182140
50	Quick-Loc	320 / Blue	25000	Loose	WSP-20G7 5182150
50	Quick-Loc	800 / Grey	25000	Loose	WSP-20F2 5182160
75	Quick-Loc	40 / Coffee	20000	Loose	WSP-30H3 5183100
75	Quick-Loc	60 / Maroon	20000	Loose	WSP-30G1 5183110
75	Quick-Loc	80 / Brown	20000	Loose	WSP-30G3 5183120
75	Quick-Loc	120 / Red	20000	Loose	WSP-30G4 5183130
75	Quick-Loc	180 / Green	20000	Loose	WSP-30G5 5183140
75	Quick-Loc	320 / Blue	20000	Loose	WSP-30G7 5183150
75	Quick-Loc	800 / Grey	20000	Loose	WSP-30F2 5183160

### Multi Disc Packs - Abrasive Fibre

Diameter	Mount	Grit / Colour	Max RPM	Packaging	Part No.
50	Quick-Loc	80 / Brown	25000	Carded 5 Pack	WSP-20G3 5182122
50	Quick-Loc	120 / Red	25000	Carded 5 Pack	WSP-20G4 5182132
50	Quick-Loc	320 / Blue	25000	Carded 5 Pack	WSP-20G7 5182152
75	Quick-Loc	80 / Brown	20000	Carded 3 Pack	WSP-30G3 5183122
75	Quick-Loc	120 / Red	20000	Carded 3 Pack	WSP-30G4 5183132
75	Quick-Loc	320 / Blue	20000	Carded 3 Pack	WSP-30G7 5183152

# ACCESSORIES

## Quick-Loc



YMC



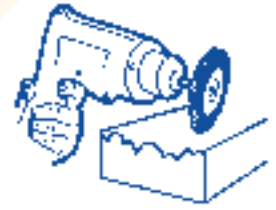
YMCT

### Backing Pad

Diameter	Mount (mm)	Material	Max RPM	Packaging	Part No.
25	6	Flexible Rubber	25000	Carded	YMC-10 5181002
50	6	Flexible Rubber	25000	Carded	YMC-20 5182002
75	6	Flexible Rubber	20000	Carded	YMC-30 5183002
75	M10 x1.5 F	Flexible Rubber	20000	Carded	YMCT-31
75	M14 x 2.0 F	Flexible Rubber	20000	Carded	YMCT-34

# ABRASIVE NYLON BRUSHES

## Aluminium Oxide



**QGIE**



**QGIC**



**QGIW**

### Aluminium Oxide

Diameter	Spindle	Grit	Max RPM	Packaging	Part No
25	1/4" Hex	80	4500	Carded	QGIE-10 6178132
25	1/4" Hex	150	4500	Carded	QGIE-10 6178162
50	1/4" Hex	80	4500	Carded	QGIC-20 6151132
50	1/4" Hex	150	4500	Carded	QGIC-20 6151162
65	1/4" Hex	80	4500	Carded	QGIC-25 6152132
65	1/4" Hex	150	4500	Carded	QGIC-25 6152162
75	1/4" Hex	80	4500	Carded	QGIC-30 6153132
75	1/4" Hex	150	4500	Carded	QGIC-30 6153162
65	1/4" Hex	80	4500	Carded	QGIW-25 6142132
65	1/4" Hex	150	4500	Carded	QGIW-25 6142162
75	1/4" Hex	80	4500	Carded	QGIW-30 6143132
75	1/4" Hex	150	4500	Carded	QGIW-30 6143162
100	1/4" Hex	80	4500	Carded	QGIW-40 6144132
100	1/4" Hex	150	4500	Carded	QGIW-40 6144162

# ABRASIVE NYLON BRUSHES

## Silicon Carbide



**GESH**



**GCAH**



**GWGH**

### High Temperature Silicon Carbide

Diameter	Mount (mm)	Grit	Max RPM	Packaging	Part No
25	6	80	12500	Carded	GESH-10 0514032
100	M14 x 2	80	12500	Carded	GVAH-44 0324432
125	M14 x 2	80	9000	Carded	GVAH-54 0325432
75	M14 X 2	80	12500	Carded	GCAH-34 0223432
100	M14 X 2	80	9000	Carded	GCAH-44 0224432
150	25 MB	80	6000	Carded	GWGH-65 0154532
200	25 MB	80	4500	Carded	GWGH-85 0156532



# FELT DISCS



VFP



WFPS



WSF

Diameter	Mount (mm)	Max RPM	Packaging	Part No
100	16	12500	Carded	VFP-48N 5374512
125	22	12500	Carded	VFP-57N 5375712
40 & 50	6	4500	5 pc. Set	WFPS-31 5173102

## Quick-Loc

Diameter	Mount	Max RPM	Packaging	Part No.
50	Quick-Loc	15000	Carded	WSF -20 5152002
75	Quic-Loc	12000	Carded	WSF-30 5153002

# BUFFING WHEELS



**PBWS**



**PBWR**



**PBWC**

## Buffing Wheels

Diameter	Width	Wheel Material	Function	Mount	Max RPM	Packaging	Part No
150	12	Stitched Sisal	Coarse Buff	Tapered Spindle	2850	Carded	PBWS-60
150	24	Stitched Sisal	Coarse Buff	Tapered Spindle	2850	Carded	PBWS-65
200	12	Stitched Sisal	Coarse Buff	Tapered Spindle	2850	Carded	PBWS-80
200	24	Stitched Sisal	Coarse Buff	Tapered Spindle	2850	Carded	PBWS-85
150	10	Stitched Rag	Medium Polish	Tapered Spindle	2850	Carded	PBWR-60
150	20	Stitched Rag	Medium Polish	Tapered Spindle	2850	Carded	PBWR-65
200	10	Stitched Rag	Medium Polish	Tapered Spindle	2850	Carded	PBWR-80
200	20	Stitched Rag	Medium Polish	Tapered Spindle	2850	Carded	PBWR-85
150	25	Loose Leaf Calico	Fine Polish	Tapered Spindle	2850	Carded	PBWC-60
150	45	Loose Leaf Calico	Fine Polish	Tapered Spindle	2850	Carded	PBWC-65
200	25	Loose Leaf Calico	Fine Polish	Tapered Spindle	2850	Carded	PBWC-80
200	45	Loose Leaf Calico	Fine Polish	Tapered Spindle	2850	Carded	PBWC-85

# COMPOUNDS & ACCESSORIES



FPGY



TSLH

## Buffing Compounds

Colour	Grade	Wheel Material	For Materials	Packaging	Part No
Grey	Coarse	Stitched Sisal	Steel, Stainless Steel, Aluminium, Copper & Brass	Carded	FPGY
Brown	Medium	Stitched Rag	Steel, Stainless Steel, Aluminium, Copper & Brass	Carded	FPBR
Green	Medium Fine	Loose Leaf Calico	Steel, Stainless Steel, Copper & Brass	Carded	FPGR
White	Fine	Loose Leaf Calico	Aluminium & Aluminium Alloys	Carded	FPWH
Blue	Extra Fine	Loose Leaf Calico	Gold, Silver, Die Cast & Most Plastics	Carded	FPBL

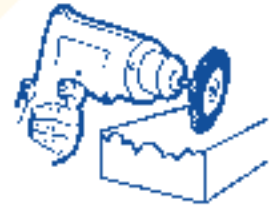
## Tapered Spindles

Grinder Size	Grinder Side *	Thread Direction	Thread Size	Pieces	Max RPM	Packaging	Part No
150	Left	Left	M12 & 1/2"	1 x M12 + 1 x 1/2"	2850	Carded	TS212L
150	Right	Right	M12 & 1/2"	1 x M12 + 1 x 1/2"	2850	Carded	TS212R
200	Left	Left	M16 & 5/8"	1 x M16 + 1 x 5/8"	2850	Carded	TS216L
200	Right	Right	M16 & 5/8"	1 x M16 + 1 x 5/8"	2850	Carded	TS216R

\* Looking at Front

# HONING BRUSHES

## Silicon Carbide Ball Type

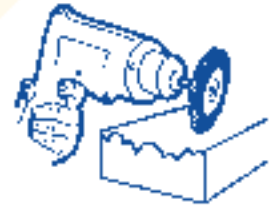


**PHB**

Nominal Brush Diameter	Workpiece Bore (mm)	Brush Length / Overall Length	120 Grit	180 Grit	240 Grit
7.2	6.3 - 7.0	50 / 200	PHB-TB0072-S12	PHB-TB0072-S18	PHB-TB0072-S24
8	7.0 - 7.8	50 / 200	PHB-TB0080-S12	PHB-TB0080-S18	PHB-TB0080-S24
9	7.8 - 8.6	50 / 200	PHB-TB0090-S12	PHB-TB0090-S18	PHB-TB0090-S24
10	8.5 - 9.5	50 / 200	PHB-TB0100-S12	PHB-TB0100-S18	PHB-TB0100-S24
10.5	9.0 - 10.0	50 / 200	PHB-TB0105-S12	PHB-TB0105-S18	PHB-TB0105-S24
11	9.5 - 10.5	50 / 200	PHB-TB0110-S12	PHB-TB0110-S18	PHB-TB0110-S24
12	10.5 - 11.5	50 / 200	PHB-TB0120-S12	PHB-TB0120-S18	PHB-TB0120-S24
13	11.5 - 12.5	60 / 200	PHB-TB0130-S12	PHB-TB0130-S18	PHB-TB0130-S24
14	12.5 - 13.5	60 / 200	PHB-TB0140-S12	PHB-TB0140-S18	PHB-TB0140-S24
15	13.5 - 14.5	60 / 200	PHB-TB0150-S12	PHB-TB0150-S18	PHB-TB0150-S24
16	14.5 - 15.5	60 / 200	PHB-TB0160-S12	PHB-TB0160-S18	PHB-TB0160-S24
18	15.5 - 17.0	60 / 200	PHB-TB0180-S12	PHB-TB0180-S18	PHB-TB0180-S24
20	17.0 - 19.0	60 / 200	PHB-TB0200-S12	PHB-TB0200-S18	PHB-TB0200-S24
22	19.0 - 21.0	70 / 200	PHB-TB0220-S12	PHB-TB0220-S18	PHB-TB0220-S24
23	20.0 - 22.0	70 / 200	PHB-TB0230-S12	PHB-TB0230-S18	PHB-TB0230-S24
25	22.0 - 24.0	70 / 200	PHB-TB0250-S12	PHB-TB0250-S18	PHB-TB0250-S24
27	24.0 - 26.0	70 / 200	PHB-TB0270-S12	PHB-TB0270-S18	PHB-TB0270-S24
28	25.0 - 27.0	70 / 200	PHB-TB0280-S12	PHB-TB0280-S18	PHB-TB0280-S24
30	27.0 - 29.0	70 / 200	PHB-TB0300-S12	PHB-TB0300-S18	PHB-TB0300-S24
32	29.0 - 31.0	70 / 200	PHB-TB0320-S12	PHB-TB0320-S18	PHB-TB0320-S24

# HONING BRUSHES

## Silicon Carbide Ball Type



PHB

Nominal Brush Diameter	Workpiece Bore (mm)	Brush Length / Overall Length	120 Grit	180 Grit	240 Grit
35	31.0 - 33.0	70 / 200	PHB-TB0350-S12	PHB-TB0350-S18	PHB-TB0350-S24
38	33.0 - 36.0	70 / 200	PHB-TB0380-S12	PHB-TB0380-S18	PHB-TB0380-S24
41	36.0 - 39.0	70 / 200	PHB-TB0410-S12	PHB-TB0410-S18	PHB-TB0410-S24
45	40.0 - 43.0	70 / 200	PHB-TB0450-S12	PHB-TB0450-S18	PHB-TB0450-S24
49	44.0 - 47.0	70 / 200	PHB-TB0490-S12	PHB-TB0490-S18	PHB-TB0490-S24
54	49.0 - 52.0	70 / 200	PHB-TB0540-S12	PHB-TB0540-S18	PHB-TB0540-S24
57	52.0 - 55.0	70 / 200	PHB-TB0570-S12	PHB-TB0570-S18	PHB-TB0570-S24
60	55.0 - 58.0	70 / 200	PHB-TB0600-S12	PHB-TB0600-S18	PHB-TB0600-S24
64	59.0 - 62.0	70 / 200	PHB-TB0640-S12	PHB-TB0640-S18	PHB-TB0640-S24
68	63.0 - 66.0	70 / 200	PHB-TB0680-S12	PHB-TB0680-S18	PHB-TB0680-S24
71	65.0 - 69.0	76 / 200	PHB-TB0710-S12	PHB-TB0710-S18	PHB-TB0710-S24
74	68.0 - 72.0	76 / 200	PHB-TB0740-S12	PHB-TB0740-S18	PHB-TB0740-S24
77	71.0 - 75.0	76 / 200	PHB-TB0770-S12	PHB-TB0770-S18	PHB-TB0770-S24
80	74.0 - 78.0	76 / 200	PHB-TB0800-S12	PHB-TB0800-S18	PHB-TB0800-S24
86	78.0 - 82.0	76 / 343	PHB-TS0857-S12	PHB-TS0857-S18	PHB-TS0857-S24
92	84.0 - 88.0	76 / 343	PHB-TS0916-S12	PHB-TS0916-S18	PHB-TS0916-S24
96	87.0 - 92.0	89 / 343	PHB-TS0962-S12	PHB-TS0962-S18	PHB-TS0962-S24
108	98.0 - 104.0	102 / 343	PHB-TS1079-S12	PHB-TS1079-S18	PHB-TS1079-S24
120	110.0 - 116.0	114 / 343	PHB-TS1206-S12	PHB-TS1206-S18	PHB-TS1206-S24



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