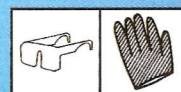
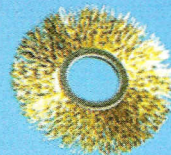
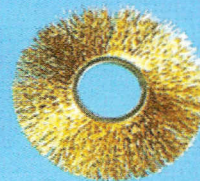
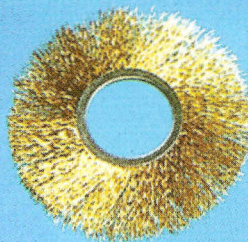
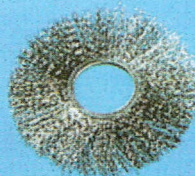
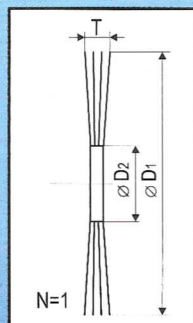




SAMOSTATNÉ DRÁTĚNÉ KROUŽKY N = 1 - WHEEL BRUSHES N = 1

98 - 4 SDK



| Ø D ₁ (mm) | Ø D ₂ (mm) | T (mm) | DRÁT VLNITÝ – WIRE CRIMPED (Ø mm) | | | | | | | | | | | | nylon |
|--------------------------|--------------------------|-----------|-----------------------------------|---------|---------|---------|---------|---------|-----------------------------------|------------------------------|---------|---------|--------------------------------|--------------------------|-----------|
| | | | ocel – steel | | | | | | nerez vlnitá stainless crimped | mosaz vlnitá – brass crimped | | | bronz vlnitý bronze crimped | ocel tvrdá steel hard | nylon |
| | | | 0,10 | 0,15 | 0,20 | 0,25 | 0,30 | 0,45 | 0,30 | 0,10 | 0,15 | 0,20 | 0,15 | 0,20 | 0,20±0,90 |
| 25±1 | 6 | 5 | | | 1221001 | | | | | | | | | | |
| 30±1 | 6 | 5 | | | 1221002 | | | | | | | | | | |
| 35±2 | 6 | 5 | | | 1221003 | | | | | | | | | | |
| 40±2 | 6 | 5 | | | 1221004 | | | | | | | | | | |
| 45±2 | 6 | 5 | | | 1221005 | | | | | | | | | | |
| 50±3 | 20 | 5 | | ● | 1221006 | 1221018 | 1221031 | | ● | | ● | | ● | 1221122 | |
| 60±3 | 20 | 5 | | | 1221007 | ● | 1221032 | | 1221106 | | ● | | ● | 1221123 | |
| 70±5 | 25 | 5 | | | 1221008 | ● | ● | ● | ● | | ● | ● | ● | | |
| 80±5 | 25 | 5 | | 1221081 | 1221009 | 1221022 | 1221034 | 1221051 | 1221124 | | ● | ● | ● | | |
| 100±5 | 32 | 5 | 1221072 | ● | 1221181 | ● | 1221035 | 1221052 | 1221118 | | 1221117 | ● | ● | | |
| 120±5 | 42 | 5 | ● | ● | 1221010 | ● | 1221036 | 1221053 | ● | | ● | ● | ● | | |
| 150±5 | 52 | 5 | 1221074 | 1221083 | 1221011 | ● | 1221037 | 1221054 | 1221116 | | 1221102 | ● | ● | | |
| 160±5 | 52 | 5 | ● | ● | 1221012 | 1221119 | 1221038 | ● | ● | | ● | ● | ● | | * 1129004 |
| 180±5 | 52 | 5 | | | | | | | | | | | | | 1129002 |
| 160±5 | 70 | 5 | | | | | | 1221064 | | | | | | | |
| 200±5 | 70 | 5 | 1221086 | ● | 1221013 | 1221065 | 1221039 | 1221056 | ● | | ● | ● | ● | | * 2366003 |
| 250±5 | 70 | 5 | ● | ● | ● | 1221066 | | 1221120 | ● | | ● | ● | ● | | |
| 250±5 | 117 | 5 | | | | | 1121042 | | | | | | | | * 2362005 |
| 300±8 | 117 | 5 | 1221077 | 1221088 | 1221016 | 1221194 | 1221043 | 1221060 | ● | | ● | 1221196 | 1221137 | | |
| 350±8 | 117 | 5 | ● | ● | ● | 1221192 | 1221045 | 1221063 | ● | | ● | ● | | | * 1229003 |

POUŽITÍ:
Obvodová rychlost podle tabulky 3. (15 m/s)
Určeno pro speciální použití, úpravu povrchu a odhroťování.

V objednávce uvádějte objednací číslo.
Po technické konzultaci dodáváme také
kartáče s abrasivním nylonem.

DODACÍ PODMÍNKY:
Ihned v balení dle dohody s výrobcem.

● na objednávku do 30 dnů

* Speciální výrobky

APPLICATIONS:
Peripheral speed according to table 3. (15 m/s)
For specials uses, cleaning and deburring.

In the order write please always the art number.
After technical consultation with a customer
deliver brushes with abrasiv nylon.

TERM OF DELIVERY:
Immediately in the packing according to the agreement with a customer.

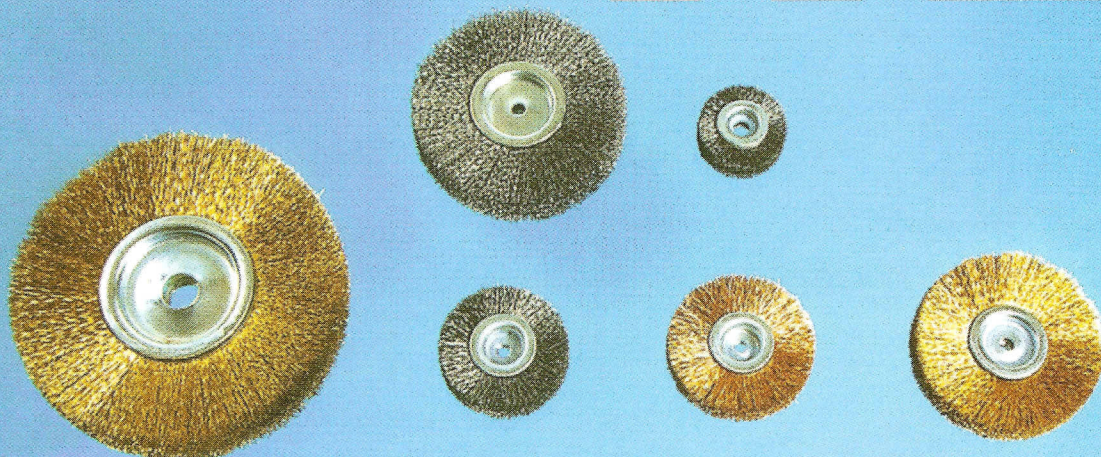
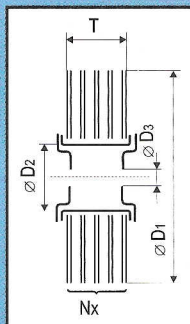
● up to 30 days

* Special products.

ISO 9002

KARTÁČE OKRUŽNÍ - WHEEL BRUSHES

98 - 5 KOP



ISO 9002

| Ø D ₁ (mm) | Ø D ₂ (mm) | Ø D ₃ (mm) | T (mm) | N POČET KROUŽKŮ NUMBER OF RINGS | DRÁT – WIRE (Ø mm) | | | | | | | | | | | | |
|--------------------------|--------------------------|--------------------------|-----------|---|--------------------------------|---------|---------|---------|---------|---------|-----------------------------------|---------------------------------|---------|------|---------------------------------|---------|------|
| | | | | | ocel vlnitá steel - crimped | | | | | | nerez vlnitá stainless-crimped | mosaz vlnitá brass - crimped | | | bronz vlnitá bronz - crimped | | |
| | | | | | 0,10 | 0,15 | 0,20 | 0,25 | 0,30 | 0,45 | 0,30 | 0,15 | 0,20 | 0,25 | 0,15 | 0,20 | 0,25 |
| 50±3 | 18±0,5 | 8 | 20±5 | 5x | 1211041 | ● | 1211001 | 1211011 | 1211021 | | 1211230 | 1211071 | ● | ● | ● | 1211131 | |
| 60±3 | 18±0,5 | 8 | 20±5 | 5x | ● | ● | 1211002 | 1211012 | 1211022 | | 1211232 | 1211072 | ● | ● | ● | 1211132 | |
| 70±3 | 23±0,5 | 8 | 20±5 | 5x | 1211043 | ● | 1211003 | 1211013 | 1211023 | 1211031 | 1211228 | ● | ● | ● | ● | 1211133 | |
| 80±3 | 23±0,5 | 8 | 20±5 | 5x | 1211044 | 1211054 | 1211004 | 1211014 | 1211024 | 1211032 | 1211229 | 1211074 | 1211084 | ● | ● | 1211134 | |
| 100±3 | 30±0,5 | 8 | 20±5 | 5x | 1211045 | 1211055 | 1211005 | 1211015 | 1211025 | 1211033 | 1211225 | 1211075 | 1211085 | ● | ● | 1211135 | |
| 120±5 | 40±0,5 | 8 | 20±5 | 5x | 1211046 | 1211056 | 1211006 | 1211016 | 1211026 | 1211034 | 1211233 | 1211076 | 1211086 | ● | ● | ● | |
| 150±5 | 49±0,1 | 8 | 20±5 | 5x | 1211047 | 1211057 | 1211007 | 1211017 | 1211027 | 1211035 | 1211227 | 1211077 | 1211087 | ● | ● | ● | |
| 160±5 | 49±1,0 | 8 | 20±5 | 5x | 1211048 | 1211058 | 1211008 | 1211018 | 1211028 | 1211036 | ● | 1211078 | ● | ● | ● | ● | |
| 200±5 | 67±1,0 | 20 | 25±5 | 5x | 1211049 | 1211059 | 1211009 | 1211019 | 1211029 | 1211037 | ● | 1211079 | 1211089 | ● | 1211119 | ● | |
| 250±8 | 67±1,0 | 20 | 25±5 | 5x | 1211050 | 1211060 | 1211010 | 1211020 | 1211030 | 1211038 | 1211231 | 1211080 | 1211090 | ● | ● | 1211140 | |

POUŽITÍ:
Obvodová rychlost podle tabulky 3. (15 m/s)
Kartáče okružní N=5 – standardní použití.
Úprava povrchu a odhroťování.

APPLICATIONS:
Peripheral speed according to table 3. (15 m/s)
Wheel brushes N=5 – standard uses.
For cleaning and deburring.

| Ø D ₁ (mm) | Ø D ₂ (mm) | Ø D ₃ (mm) | T (mm) | N POČET KROUŽKŮ NUMBER OF RINGS | DRÁT – WIRE (Ø mm) | | | | | | | | | | | | |
|--|--------------------------|--------------------------|-----------|---|--------------------------------|---------|---------|---------|---------|---------|-----------------------------------|---------------------------------|------|------|---------------------------------|------|------|
| | | | | | ocel vlnitá steel - crimped | | | | | | nerez vlnitá stainless-crimped | mosaz vlnitá brass - crimped | | | bronz vlnitá bronz - crimped | | |
| | | | | | 0,10 | 0,15 | 0,20 | 0,25 | 0,30 | 0,40 | 0,30 | 0,10 | 0,15 | 0,20 | 0,15 | 0,20 | 0,25 |
| 160±5 | 49±1,0 | 8 | 56±5 | 14x | | 1211208 | | | | | | | | | | | |
| 120±5 | 40±0,5 | 8 | 16±5 | 4x | | | 1211212 | | | | | ● | | | | | |
| 120±5 | 40±0,5 | 8 | 12±3 | 3x | | | | | | | 1211236 | ● | | | | | |
| 120±5 | 40±0,5 | 8 | 40±5 | 10x | | | 1211234 | | | | | | | | | | |
| 120±5 | 40±0,5 | 8 | 12±3 | 3x | | | | | 1211237 | | | | | | | | |
| 120±5 | 40±0,5 | 8 | 44±5 | 11x | | | | 1211239 | 1211238 | | | | | | | | |
| 80±3 | 23±0,5 | 8 | 12±3 | 3x | B | | | | 1211253 | 1211241 | ● | | | | | | |
| | | | | | D | | | | 1211254 | 1211242 | | | | | | | |
| 100±5 | 30±0,5 | 8 | 12±3 | 3x | B | | | | 1211243 | 1211245 | ● | | | | | | |
| | | | | | D | | | | 1211244 | 1211246 | | | | | | | |
| 80±3 | 23±0,5 | 8 | 16±3 | 4x | B | | | | 1211251 | 1211211 | ● | | | | | | |
| | | | | | D | | | | 1211252 | 1211240 | | | | | | | |
| 100±3 | 30±0,5 | 8 | 16±3 | 4x | B | | | | 1211249 | 1211247 | ● | | | | | | |
| | | | | | D | | | | 1211250 | 1211248 | | | | | | | |
| Kartáče okružní N=3 a N=4 standard. Wheel brushes N=3 and N=4 standard. | | | | | | | | | | | | | | | | | |

POUŽITÍ:
Kartáče okružní N=3-15 na objednávku.
Kvalita drátu – B=dovážený, D=tuzemský.
Po technické konzultaci dodáváme také kartáče s abrasivním nylonem.

APPLICATIONS:
Wheel brushes N=3-15 according to the order.
Quality of wire – B=imported, D=inland.
After technical consultation with a customer deliver brushes with abrasive nylon.

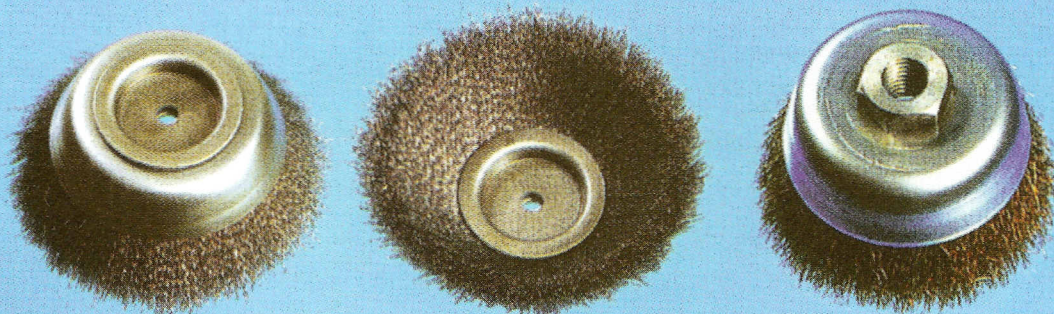
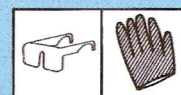
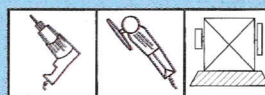
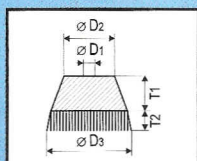
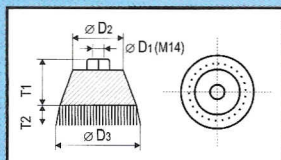
DODACÍ PODMÍNKY:
Ihned v balení dle dohody s výrobcem.
● na objednávku do 30 dnů

TERM OF DELIVERY:
Immediately in the packing according to the agreement with a customer.
● up to 30 days

Kartáče okružní
N=3 a N=4 standard.
Wheel brushes
N=3 and N=4 standard.

KARTÁČE MISKOVÉ - CUP BRASHES

98 - 6 KMK



| Ø D ₁ (mm) | Ø D ₂ (mm) | Ø D ₃ (mm) | T ₁ (mm) | T ₂ (mm) | DRÁT (vlákno) – WIRE (fibre) (Ø mm) | | | | | | | | | |
|--------------------------|--------------------------|--------------------------|------------------------|------------------------|-------------------------------------|---------|---------|---------|-------------------------------|------|-----------------------------------|----------------|-----|-----|
| | | | | | ocel vlnitá steel crimped | | | | mosaz vlnitá brass crimped | | nerez vlnitý stainless crimped | nylon nylon | | |
| | | | | | 0,20 | 0,25 | 0,30 | 0,45 | 0,15 | 0,20 | 0,30 | 0,2 | 0,4 | 0,9 |
| 8 | 58 | 120 | 22 | 25 | 1251003 | ● | 1251001 | 1251002 | ● | ● | ● | ● | ● | ● |
| M14 | 45 | 75 | 20 | 20 | 1251006 | 1251005 | 1251004 | ● | ● | ● | ● | ● | ● | ● |

DOPORUČENÉ POUŽITÍ:

Obvodová rychlost podle tabulky 3. (15 m/s)
Pro ruční a strojní čištění povrchu od rezu, barvy a pro finalizaci povrchu.
Miskové kartáče mohou být na základě dohody se zákazníkem
osazeny abrasivním nylonem.
V objednávce uvádějte objednací číslo.

DODACÍ PODMÍNKY:

Ihned v balení podle dohody s výrobcem.
● na objednávku do 30 dnů

APPLICATIONS:

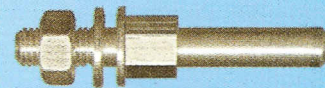
Peripheral speed according to table 3. (15 m/s)
Cup brushes can also be used for the removal of rust, paint, and for polishing.
After technical consultation with a customer
deliver cup brushes with abrasiv nylon.
In the order write please always the art number.

TERM OF DELIVERY:

Immediately in the packing according to the agreement with a customer.
● up to 30 days

Stopka pro uchycení okružních kartáčů do sklíčidel.
Ø upevňovací otvoru: 8 mm / Ø upínací stopky: 8 mm
Drive arbors for wheel brushes
for hole Ø 8 mm / stem diameter: 8 mm

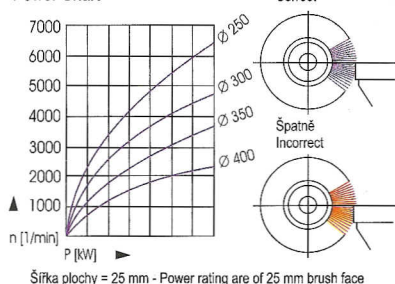
9301001



DOPORUČENÍ PRO PRÁCI S OKRUŽNÍMI, MISKOVÝMI A COPÁNOVÝMI KARTÁČI RECOMMENDATION FOR WORKING WITH WHEEL, CUP BRUSHES AND KNOT BRUSHES

T2

Výkonový graf Power Chart



T3

| n(1/min) RPM | Obvodová rychlost m/s – Peripheral Speed v in m/s průměr kartáče v mm – brush diameter in inches | | | | | | | | | |
|-----------------|---|----------|----------|-----------|-----------|-----------|-----------|-----------|------------|------------|
| | 40 1,1/2" | 50 2" | 80 3" | 100 4" | 125 5" | 150 6" | 175 7" | 200 8" | 250 10" | 300 12" |
| 800 | | | 3,4 | 4,2 | 5,2 | 6,3 | 7,3 | 8,4 | 10,5 | 12,6 |
| 1.000 | | | 4,2 | 5,2 | 6,5 | 7,9 | 9,2 | 10,5 | 13,1 | 15,7 |
| 1.200 | | 3,1 | 5,0 | 6,3 | 7,9 | 9,4 | 11,0 | 12,6 | 15,7 | 18,8 |
| 1.500 | 3,1 | 3,9 | 6,3 | 7,9 | 9,8 | 11,8 | 13,7 | 15,7 | 19,6 | 23,6 |
| 2.000 | 4,2 | 5,2 | 8,4 | 10,5 | 13,1 | 15,7 | 18,3 | 20,9 | 26,2 | 31,4 |
| 2.500 | 5,2 | 6,5 | 10,5 | 13,1 | 16,4 | 19,6 | 22,9 | 26,2 | 32,7 | 39,3 |
| 3.000 | 6,3 | 7,9 | 12,6 | 15,7 | 19,6 | 23,6 | 27,5 | 31,4 | 39,3 | 47,1 |
| 3.500 | 7,3 | 9,2 | 14,7 | 18,3 | 22,9 | 27,5 | 32,1 | 36,7 | 45,8 | 55,0 |
| 4.000 | 8,4 | 10,5 | 16,8 | 20,9 | 26,2 | 31,4 | 36,7 | 41,9 | 52,4 | 62,8 |
| 4.500 | 9,4 | 11,8 | 18,8 | 23,6 | 29,5 | 35,3 | 41,2 | 47,1 | 58,9 | 70,7 |
| 5.000 | 10,5 | 13,1 | 20,9 | 26,2 | 32,7 | 39,3 | 45,8 | 52,4 | 65,4 | 78,5 |
| 6.000 | 12,6 | 15,7 | 25,1 | 31,4 | 39,3 | 47,1 | 55,0 | 62,8 | 78,5 | 94,2 |
| 8.000 | 16,8 | 20,9 | 33,5 | 41,9 | 52,4 | 62,8 | 73,3 | 83,8 | | |
| 10.000 | 20,9 | 26,2 | 41,9 | 52,4 | 65,4 | 78,5 | 91,6 | | | |
| 12.500 | 26,2 | 32,7 | 52,4 | 65,4 | 81,8 | | | | | |
| 15.000 | 31,4 | 39,3 | 62,8 | 78,5 | | | | | | |
| 17.500 | 36,7 | 45,8 | 73,3 | 91,6 | | | | | | |
| 20.000 | 41,8 | 52,4 | 83,8 | | | | | | | |
| 22.500 | 47,2 | 58,9 | | | | | | | | |
| 25.000 | 52,4 | 65,4 | | | | | | | | |

$$v = \frac{\text{průměr kartáče (d) } \times \pi \times \text{počet otáček (n)}}{1.000 \times 60}$$

$$v = \frac{\text{brush diameter (d) } \times \pi \times \text{RPM (n)}}{1.000 \times 60}$$

| T1 | Obvodová rychlost m/s – Peripheral Speed in Ft/min | | | | | | | |
|-------------------------------------|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Použití Applications | 15 3.000 | 20 4.000 | 25 4.900 | 30 5.900 | 35 6.900 | 40 7.900 | 45 8.900 | 50 9.800 |
| Odhrotování – Removing Burrs | | | 25 – 35 | | | | | |
| Čištění po pájení – Cleaning Welds | | | | | 35 – 45 | | | |
| Čištění okrajů – Removing Scale | | | | | 35 – 45 | | | |
| Leštění – Polishing | | | | 30 – 40 | | | | |
| Opracování plastů – Working Plastic | 15 – 20 | | | | | | | |