



GRINDING WHEELS: SURFACE

SURFACE GRINDING WHEELS TYPE 1 -- NO RECESS

| <u>Grit</u> | <u>Hardness</u> | <u>Pkg Qty</u> | GRIER PART #'S | | | | |
|-------------|-----------------|----------------|------------------|-----------------|------------------------------|-------------------------|--|
| | | | <u>White-28A</u> | <u>Pink-29A</u> | <u>Premium Off-White-23A</u> | <u>Premium Ruby-36A</u> | <u>Ultra Premium Ceramic Light Blue-183A</u> |

| 6" Dia. X 1/4" W X 1-1/4" Hole | | | | | | | |
|--------------------------------|---|----|--|------------|--|--|-------------|
| 60 | K | 10 | | T1-6P31228 | | | |
| 80 | K | 10 | | T1-6P31229 | | | T1-6WB31425 |

| 6" Dia. X 1/2" W X 1-1/4" Hole | | | | | | | |
|--------------------------------|---|----|------------|------------|--|--|--|
| 46 | K | 10 | T1-6W31224 | T1-6P31230 | | | |
| 60 | K | 10 | T1-6W31458 | T1-6P31231 | | | |
| 80 | K | 10 | T1-6W31225 | T1-6P31233 | | | |

| 7" Dia. X 1/4" W X 1-1/4" Hole | | | | | | | |
|--------------------------------|---|----|------------|------------|------------|------------|-------------|
| 46 | H | 10 | | T1-7P31139 | | | |
| 46 | I | 10 | | T1-7P31115 | | | |
| 46 | J | 10 | T1-7W31420 | T1-7P31433 | T1-7W31132 | T1-7R31150 | |
| 46 | K | 10 | T1-7W31421 | T1-7P31116 | | | |
| 60 | I | 10 | T1-7W31423 | T1-7P31117 | T1-7W31436 | | T1-7WB31188 |
| 60 | J | 10 | T1-7W31424 | T1-7P31052 | T1-7W31134 | | |
| 60 | K | 10 | T1-7W31425 | T1-7P31118 | T1-7W30190 | T1-7R31155 | T1-7WB31190 |
| 80 | I | 10 | | T1-7P31120 | T1-7W31437 | | |
| 80 | J | 10 | T1-7W31066 | T1-7P31121 | | | |
| 80 | K | 10 | T1-7W31426 | T1-7P31122 | T1-7W31438 | | T1-7WB31192 |
| 100 | I | 10 | T1-7W31428 | T1-7P31124 | | | |
| 100 | J | 10 | T1-7W31429 | T1-7P31125 | T1-7W31136 | | |
| 100 | K | 10 | T1-7W31430 | T1-7P31126 | | | T1-7WB31194 |
| 120 | I | 10 | | T1-7P31128 | | | |
| 120 | J | 10 | | T1-7P31129 | | | |
| 120 | K | 10 | T1-7W31800 | T1-7P30918 | T1-7W31138 | | |
| 120 | L | 10 | | | | | |
| 150 | K | 10 | T1-7W31432 | T1-7P31130 | | | |

SURFACE GRINDING WHEELS TYPE 1 -- NO RECESS (Continued)

| <u>Grit</u> | <u>Hardness</u> | <u>Pkg Qty</u> | GRIER PART #'S | | | | |
|-------------|-----------------|----------------|------------------|-----------------|------------------------------|-------------------------|--|
| | | | <u>White-28A</u> | <u>Pink-29A</u> | <u>Premium Off-White-23A</u> | <u>Premium Ruby-36A</u> | <u>Ultra Premium Ceramic Light Blue-183A</u> |

| 7" Dia. X 1/2" W X 1-1/4" Hole | | | | | | | |
|--------------------------------|----------|----|------------|------------|------------|------------|-------------|
| 46 | G-porous | 10 | | | | T1-7R33343 | |
| 46 | H | 10 | T1-7W31409 | T1-7P31055 | T1-7W31447 | T1-7R31510 | |
| 46 | I | 10 | T1-7W31222 | T1-7P31056 | T1-7W31448 | | T1-7WB31207 |
| 46 | J | 10 | T1-7W31410 | T1-7P31057 | T1-7W31449 | T1-7R31061 | T1-7WB31208 |
| 46 | J-porous | 10 | T1-7W31223 | T1-7P31148 | | | |
| 46 | K | 10 | T1-7W31411 | T1-7P31439 | T1-7W31054 | T1-7R31053 | |
| 60 | G-porous | 10 | T1-7W31149 | | | | |
| 60 | H | 10 | T1-7W31412 | T1-7P31440 | T1-7W31450 | | |
| 60 | I | 10 | T1-7W31413 | T1-7P31441 | T1-7W31451 | T1-7R31513 | |
| 60 | J | 10 | T1-7W31414 | T1-7P31442 | T1-7W31452 | T1-7R31514 | |
| 60 | K | 10 | T1-7W31059 | T1-7P31443 | T1-7W31144 | T1-7R31515 | T1-7WB31212 |
| 80 | H | 10 | T1-7W31801 | | | | |
| 80 | I | 10 | T1-7W31415 | T1-7P31444 | | | |
| 80 | J | 10 | T1-7W31416 | T1-7P31445 | T1-7W31146 | T1-7R31516 | |
| 80 | K | 10 | T1-7W31067 | T1-7P31446 | T1-7W31454 | T1-7R31517 | T1-7WB31215 |
| 100 | H | 10 | | T1-7P31141 | | | |
| 100 | I | 10 | T1-7W31417 | | T1-7W31455 | | |
| 100 | K | 10 | T1-7W31419 | T1-7P31143 | | | |

| 7" Dia. X 3/4" W X 1-1/4" Hole | | | | | | | |
|--------------------------------|---|----|------------|------------|--|------------|--|
| 46 | I | 10 | | T1-7P31464 | | | |
| 46 | K | 10 | | T1-7P31237 | | | |
| 60 | I | 10 | T1-7W31234 | T1-7P31238 | | | |
| 60 | J | 10 | | | | T1-7R31371 | |
| 60 | K | 10 | T1-7W31235 | T1-7P31239 | | T1-7R31372 | |

| 7" Dia. X 1" W X 1-1/4" Hole | | | | | | | |
|------------------------------|---|----|------------|--|--|--|--|
| 60 | I | 10 | T1-7W31236 | | | | |

SURFACE GRINDING WHEELS TYPE 1 -- NO RECESS (Continued)

| | | GRIER PART #'S | | | | | |
|------|----------|----------------|-----------|----------|-----------------------|------------------|---------------------------------------|
| Grit | Hardness | Pkg Qty | White-28A | Pink-29A | Premium Off-White-23A | Premium Ruby-36A | Ultra Premium Ceramic Light Blue-183A |

| 8" Dia. X 1/4" W X 1-1/4" Hole | | | | | | | |
|--------------------------------|---|----|------------|------------|------------|------------|--|
| 46 | H | 10 | T1-8W31277 | T1-8P31283 | | | |
| 46 | J | 10 | | | | T1-8R31374 | |
| 60 | I | 10 | T1-8W31278 | T1-8P31284 | | | |
| 60 | K | 10 | T1-8W31467 | | | | |
| 80 | I | 10 | | | | T1-8R31376 | |
| 80 | J | 10 | | | | T1-8R31377 | |
| 80 | K | 10 | T1-8W31468 | T1-8P31285 | T1-8W31282 | | |
| 100 | K | 10 | T1-8W31279 | T1-8P31286 | | | |

| 8" Dia. X 1/2" W X 1-1/4" Hole | | | | | | | |
|--------------------------------|----------|----|------------|------------|------------|------------|-------------|
| 46 | G-porous | 10 | | | | T1-8R33342 | |
| 46 | H-porous | 10 | T1-8W31803 | T1-8P31288 | | | |
| 46 | H | 10 | T1-8W31469 | T1-8P31068 | T1-8W31501 | T1-8R31518 | |
| 46 | I | 10 | T1-8W31470 | | T1-8W31162 | T1-8R31519 | T1-8WB31410 |
| 46 | J | 10 | T1-8W31471 | T1-8P31065 | T1-8W31502 | T1-8R31520 | T1-8WB31411 |
| 46 | K | 10 | T1-8W31472 | | T1-8W31163 | T1-8R31521 | T1-8WB31412 |
| 60 | H | 10 | T1-8W31473 | | | | |
| 60 | I | 10 | T1-8W31474 | T1-8P31497 | T1-8W31164 | | T1-8WB31413 |
| 60 | J | 10 | T1-8W31475 | | T1-8W31165 | | |
| 60 | K | 10 | T1-8W31077 | T1-8P31498 | | T1-8R31524 | T1-8WB31414 |
| 80 | I | 10 | T1-8W31476 | T1-8P31160 | | | |
| 80 | J | 10 | T1-8W31477 | T1-8P31161 | | | |
| 80 | K | 10 | T1-8W31478 | | | | |

| 8" Dia. X 3/4" W X 1-1/4" Hole | | | | | | | |
|--------------------------------|----------|----|------------|------------|--|--|-------------|
| 46 | G-porous | 10 | | T1-8P31291 | | | |
| 46 | H | 10 | T1-8W31479 | T1-8P31289 | | | |
| 46 | I | 10 | | | | | T1-8WB31415 |
| 46 | K | 10 | | T1-8P31290 | | | |

| 8" Dia. X 1" W X 1-1/4" Hole | | | | | | | |
|------------------------------|---|----|------------|------------|------------|--|-------------|
| 46 | I | 10 | | | T1-8W31504 | | T1-8WB31509 |
| 46 | K | 10 | | T1-8P31171 | | | |
| 60 | I | 10 | T1-8W31481 | T1-8P31172 | | | |

SURFACE GRINDING WHEELS TYPE 1 -- NO RECESS (Continued)

| Grit | Hardness | Pkg Qty | GRIER PART #'S | | | | |
|--|----------|---------|----------------|-------------|--------------------------|---------------------|---|
| | | | White-28A | Pink-29A | Premium Off-White-23A | Premium Ruby-36A | Ultra Premium Ceramic Light Blue-183A |
| 10" Dia. X 1/2" W X 3" Hole | | | | | | | |
| 60 | I | 8 | | T1-10P31201 | | | |
| 60 | J | 8 | T1-10W31482 | | | | |
| 10" Dia. X 3/4" W X 1-1/4" Hole | | | | | | | |
| 46 | J | 5 | | | | T1-10R31197 | |
| 10" Dia. X 3/4" W X 3" Hole | | | | | | | |
| 46 | I | 5 | T1-10W31484 | | | | |
| 10" Dia. X 1" W X 3" Hole | | | | | | | |
| 46 | H | 5 | | T1-10P31306 | | | |
| 46 | I | 5 | T1-10W31303 | T1-10P31307 | T1-10W31062 | | T1-10WB31419 |
| 46 | J | 5 | T1-10W31487 | | | | |
| 46 | K | 5 | | T1-10P31309 | | | |
| 60 | H | 5 | | T1-10P31310 | | | |
| 60 | I | 5 | T1-10W31304 | | T1-10W31314 | | |
| 60 | J | 5 | | T1-10P31312 | | | T1-10WB31421 |
| 60 | K | 5 | | | T1-10W31315 | | |
| 12" Dia. X 1" W X 3" Hole | | | | | | | |
| 46 | H-porous | 5 | | T1-12P31336 | | | |
| 46 | H | 5 | T1-12W31492 | | | | |
| 46 | I | 5 | T1-12W31493 | T1-12P31333 | | | |
| 46 | J | 5 | T1-12W31494 | T1-12P31500 | T1-12W31407 | | T1-12WB31430 |
| 46 | K | 5 | | T1-12P31334 | | | |
| 60 | I | 5 | | T1-12P31321 | | | |
| 60 | J | 5 | | T1-12P31322 | | | |
| 12" Dia. X 1" W X 5" Hole | | | | | | | |
| 46 | H-porous | 5 | | T1-12P31343 | | | |
| 46 | I | 5 | T1-12W31329 | T1-12P31340 | | | |
| 60 | I | 5 | T1-12W31330 | | | | |
| 60 | K | 5 | | T1-12P31342 | | | |
| 12" Dia. X 1-1/2" W X 3" Hole | | | | | | | |
| 46 | I | 4 | | T1-12P31346 | | | |
| 12" Dia. X 1-1/2" W X 5" Hole | | | | | | | |
| 46 | H | 4 | T1-12W31332 | T1-12P31347 | T1-12W31348 | | |

SURFACE GRINDING WHEELS

TYPE 5 -- RECESS ONE SIDE (See Sizes Below)

| Grit | Hardness | Pkg Qty | Recess Dia. | Recess Depth | GRIER PART #'S | | |
|------|----------|---------|-------------|--------------|----------------|----------|-----------------------|
| | | | | | White-28A | Pink-29A | Premium Off-White-23A |

| 7" Dia. X 3/4" W X 1-1/4" Hole | | | | | | | |
|--------------------------------|----------|----|-------|-----|------------|------------|--|
| 46 | G-porous | 10 | 2-3/4 | 1/4 | | | |
| 46 | I | 10 | 2-3/4 | 1/4 | | T5-7P31240 | |
| 46 | J | 10 | 2-3/4 | 1/4 | T5-7W33159 | | |
| 46 | K | 10 | 2-3/4 | 1/4 | | T5-7P31241 | |
| 60 | I | 10 | 2-3/4 | 1/4 | | | |
| 60 | K | 10 | 2-3/4 | 1/4 | | T5-7P31243 | |

| 7" Dia. X 1" W X 1-1/4" Hole | | | | | | | |
|------------------------------|----------|----|-------|-----|------------|------------|--|
| 46 | G-porous | 10 | 2-3/4 | 1/2 | | | |
| 46 | H | 10 | 2-3/4 | 1/2 | T5-7W31251 | T5-7P31166 | |
| 46 | I | 10 | 2-3/4 | 1/2 | T5-7W31252 | T5-7P31167 | |
| 60 | I | 10 | 2-3/4 | 1/2 | T5-7W31253 | T1-7P31168 | |
| 60 | K | 10 | 2-3/4 | 1/2 | T5-7W31462 | T5-7P31169 | |

| 7" Dia. X 1" W X 1-1/4" Hole | | | | | | | |
|------------------------------|----------|----|---|-----|------------|------------|------------|
| 46 | H-porous | 10 | 3 | 1/2 | T5-7W33169 | | |
| 46 | H | 10 | 3 | 1/2 | T5-7W31692 | T5-7P31255 | |
| 46 | I | 10 | 3 | 1/2 | T5-7W31463 | T5-7P31256 | |
| 46 | J | 10 | 3 | 1/2 | | | T5-7W33242 |
| 60 | I | 10 | 3 | 1/2 | T5-7W31254 | T5-7P31809 | |
| 60 | J | 10 | 3 | 1/2 | | | T5-7W33245 |

| 8" Dia. X 3/4" W X 1-1/4" Hole | | | | | | | |
|--------------------------------|---|----|---|-----|------------|--|------------|
| 46 | H | 10 | 3 | 1/4 | | | T5-8W33265 |
| 46 | I | 10 | 3 | 1/4 | T5-8W33185 | | T5-8W33266 |
| 60 | J | 10 | 3 | 1/4 | T5-8W33186 | | |

| 8" Dia. X 1" W X 1-1/4" Hole | | | | | | | |
|------------------------------|---|----|-------|-----|------------|------------|------------|
| 46 | H | 10 | 3-1/4 | 1/2 | T5-8W31295 | T5-8P31293 | |
| 46 | I | 10 | 3-1/4 | 1/2 | T5-8W31296 | T5-8P31294 | T5-8W33271 |
| 46 | J | 10 | 3-1/4 | 1/2 | | | T5-8W33272 |
| 46 | K | 10 | 3-1/4 | 1/2 | T5-8W33189 | | |
| 60 | I | 10 | 3-1/4 | 1/2 | T5-8W32057 | | |
| 60 | K | 10 | 3-1/4 | 1/2 | | | |

| 12" Dia. X 1-1/2" W X 5" Hole | | | | | | | |
|-------------------------------|---|---|-------|-----|-------------|-------------|-------------|
| 46 | H | 4 | 7-1/2 | 1/2 | | | T5-12W33316 |
| 46 | I | 4 | 7-1/2 | 1/2 | T5-12W31352 | | |
| 46 | J | 4 | 7-1/2 | 1/2 | T5-12W31353 | T5-12P31356 | |
| 60 | K | 4 | 7-1/2 | 1/2 | | | T5-12W33319 |

SURFACE GRINDING WHEELS TYPE 7 -- RECESS TWO SIDES (See Sizes Below)

| | | | | | GRIER PART #'S | | |
|-------------|-----------------|----------------|--------------------|---------------------|------------------|-----------------|------------------------------|
| <u>Grit</u> | <u>Hardness</u> | <u>Pkg Qty</u> | <u>Recess Dia.</u> | <u>Recess Depth</u> | <u>White-28A</u> | <u>Pink-29A</u> | <u>Premium Off-White-23A</u> |

| 12" Dia. X 2" W X 5" Hole | | | | | | | |
|---------------------------|---|---|-------|-----|-------------|-------------|-------------|
| 46 | H | 4 | 7-1/2 | 1/2 | | | T7-12W31362 |
| 46 | I | 4 | 7-1/2 | 1/2 | T7-12W31358 | T7-12P31360 | |
| 46 | J | 4 | 7-1/2 | 1/2 | T7-12W31359 | T7-12P31361 | |

SURFACE GRINDING WHEELS TYPE 11 -- RECESS ONE SIDE (FLARING CUP)

| | | | GRIER PART #'S | | | |
|------|----------|---------|----------------|----------|-----------------------|------------------|
| Grit | Hardness | Pkg Qty | White-28A | Pink-29A | Premium Off-White-23A | Premium Ruby-36A |

| 4/3" Dia. X 1-1/2" W X 1-1/4" Hole 5/16" Rim 5/16" Back 1/2" | | | | | | |
|--|---|----|---------------|---------------|---------------|---------------|
| 46 | H | 10 | T11-4/3W31813 | | | |
| 46 | I | 10 | T11-4/3W31814 | | T11-4/3W33372 | |
| 46 | J | 10 | T11-4/3W31527 | T11-4/3P31270 | | |
| 46 | K | 10 | T11-4/3W31815 | | T11-4/3W31533 | |
| 60 | I | 10 | T11-4/3W31528 | | | |
| 60 | J | 10 | T11-4/3W31529 | T11-4/3P31272 | T11-4/3W31534 | T11-4/3R31174 |
| 60 | K | 10 | | T11-4/3P31273 | T11-4/3W33375 | T11-4/3R31175 |
| 80 | J | 10 | T11-4/3W31180 | | | |
| 80 | K | 10 | T11-4/3W31530 | | | |

| 5/3-3/4" Dia. X 1-3/4" W X 1-1/4" Hole Rim 1/4" Back 1/2" | | | | | | |
|---|---|----|-------------------|-------------------|-------------------|-------------------|
| 46 | H | 10 | T11-5/3-3/4W31064 | T11-5/3-3/4P31262 | | T11-5/3-3/4R31184 |
| 46 | I | 10 | T11-5/3-3/4W31257 | T11-5/3-3/4P31532 | | T11-5/3-3/4R32938 |
| 46 | J | 10 | T11-5/3-3/4W31258 | T11-5/3-3/4P31263 | T11-5/3-3/4W31268 | |
| 46 | K | 10 | T11-5/3-3/4W31259 | T11-5/3-3/4P31264 | | T11-5/3-3/4R31186 |
| 60 | I | 10 | T11-5/3-3/4W31260 | T11-5/3-3/4P31265 | | |
| 60 | J | 10 | T11-5/3-3/4W31531 | T11-5/3-3/4P31266 | | T11-5/3-3/4R31188 |
| 60 | K | 10 | T11-5/3-3/4W31816 | T11-5/3-3/4P31812 | T11-5/3-3/4W33379 | T11-5/3-3/4R31189 |
| 80 | K | 10 | T11-5/3-3/4W31261 | T11-5/3-3/4P31267 | | |

SURFACE GRINDING WHEELS TYPE 12-- DISH

| | | | GRIER PART #'S | |
|-------------|-----------------|----------------|------------------|-------------------------|
| <u>Grit</u> | <u>Hardness</u> | <u>Pkg Qty</u> | <u>White-28A</u> | <u>Premium Ruby-36A</u> |

| 6" Dia. X 1/2" W X 1-1/4" Hole | | | | |
|--------------------------------|---|----|-------------|-------------|
| 46 | J | 10 | | T12-6R31535 |
| 60 | H | 10 | T12-6W31366 | |
| 60 | J | 10 | T12-6W31526 | T12-6R31382 |
| 60 | K | 10 | T12-6W31819 | T12-6R31383 |
| 80 | K | 10 | T12-6W31367 | T12-6R31823 |

| 7" Dia. X 1/2" W X 1-1/4" Hole | | | | |
|--------------------------------|---|----|-------------|--|
| 46 | K | 10 | T12-7W31891 | |
| 60 | I | 10 | T12-7W31893 | |
| 60 | J | 10 | T12-7W31693 | |
| 60 | K | 10 | T12-7W31892 | |
| 80 | K | 10 | T12-7W31894 | |



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