

SOLID ROUND TOOLS  
ONE-STOP CUTTING SOLUTIONS



圆柄类刀具  
一站式解决方案  
Solid Round Tools  
One-stop cutting solutions



一站式服务



非标定制



百余年技术加持

YMD20PR BURRLESS CARBIDE DRILL

YPP Drill®

# YMD20PR

抑制毛刺钻头



苏州用朴精密科技有限公司  
Suzhou Yongpu Precision Technology Co., Ltd.

地址：苏州市吴江经济开发区茂源路8号  
电话：+86-512-6306 0818  
邮箱：ypyx@yp-tec.com  
网址：www.yp-tec.com

版本号：YP-YMD20PR-202601



TECHNICAL FEATURES

技术特点

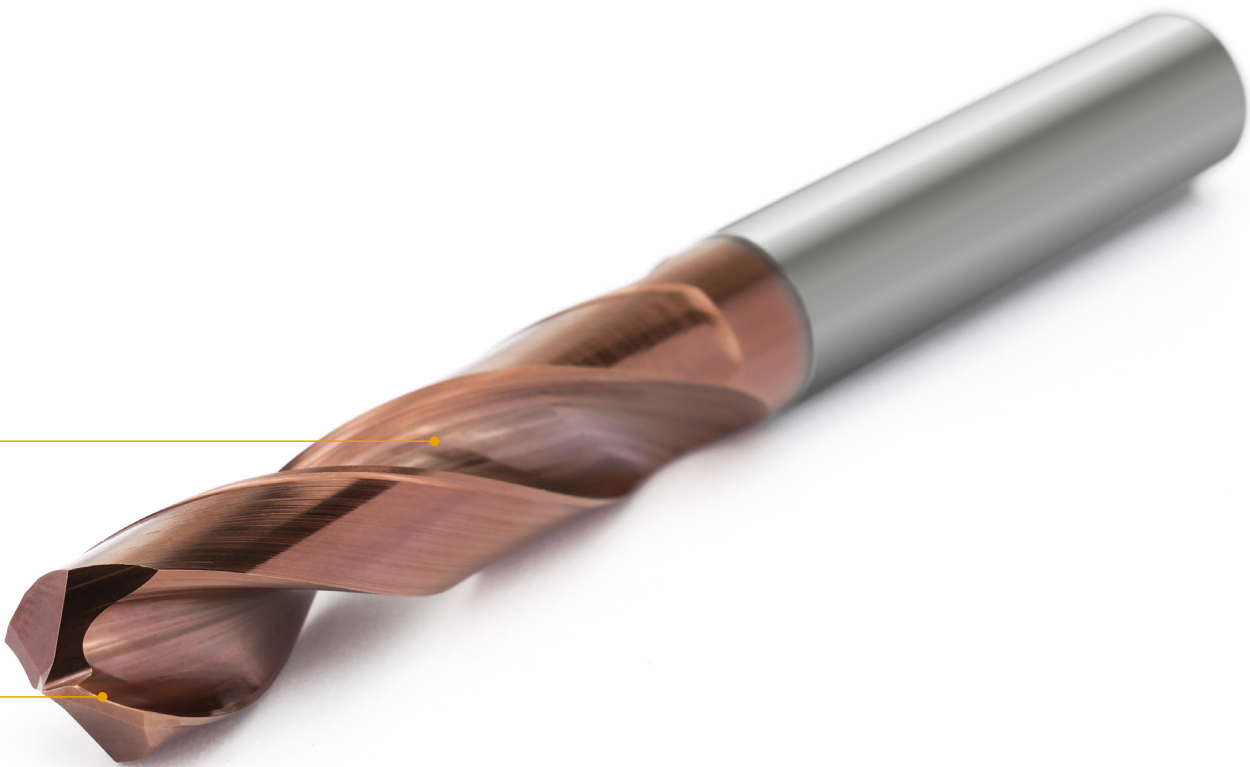
特殊的横刃设计

边缘大R角



宽阔的排屑空间

月牙型切削刃



APPLICATIONS

应用领域

抑制出口毛刺的钻削加工解决方案

- 顶角140°
- 钻孔深度3×Dc、5×Dc
- 提供内、外冷解决方案
- 可获孔径公差：IT8-9
- 硬质合金基体
- 古铜色复合纳米涂层

ORDERING CODE

编号规则

|         |   |    |   |      |    |   |    |
|---------|---|----|---|------|----|---|----|
| YMD20PR | 2 | 03 | W | 0800 | 08 | A | DH |
| 1       | 2 | 3  | 4 | 5    | 6  | 7 | 8  |

- 1 YMD20PR - 是产品系列
- 2 2 - 是切削刃数量，2代表2个切削刃
- 3 03 - 是可加工深度，03代表可加工深度3×Dc，05代表可加工深度加工深度5×Dc
- 4 W - 是冷却方式，W代表外冷，N代表内冷
- 5 0800 - 是刃部直径，0800代表刃部直径Φ8.00
- 6 08 - 是柄部直径，08代表柄部直径Φ8
- 7 A - 是柄部形状，A代表圆柱柄
- 8 DH - 是涂层，DH代表DH涂层

# YMD20PR.203W

抑制毛刺钻头 BURRLESS CARBIDE DRILL

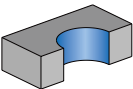


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6535HA



材料适用性      ●第一选择 ○适用 □有限适用

| P | M | K | N | S | H | C |
|---|---|---|---|---|---|---|
| ● | ● | ● | ■ | ■ | ■ | ■ |

|  | 订货号<br>Ordering code     | 尺寸 Dimension (mm) |     |    |     |     |    |      |
|--|--------------------------|-------------------|-----|----|-----|-----|----|------|
|  |                          | DC                | PL  | LU | LCF | OAL | LS | DCON |
|  | YMD20PR.203W-0300-04A-DH | 3                 | 1.4 | 14 | 20  | 62  | 40 | 4    |
|  | YMD20PR.203W-0310-04A-DH | 3.1               | 1.4 | 14 | 20  | 62  | 40 | 4    |
|  | YMD20PR.203W-0320-04A-DH | 3.2               | 1.4 | 14 | 20  | 62  | 40 | 4    |
|  | YMD20PR.203W-0330-04A-DH | 3.3               | 1.5 | 14 | 20  | 62  | 40 | 4    |
|  | YMD20PR.203W-0340-04A-DH | 3.4               | 1.5 | 14 | 20  | 62  | 40 | 4    |
|  | YMD20PR.203W-0350-04A-DH | 3.5               | 1.6 | 14 | 20  | 62  | 40 | 4    |
|  | YMD20PR.203W-0360-04A-DH | 3.6               | 1.6 | 14 | 20  | 62  | 40 | 4    |
|  | YMD20PR.203W-0370-04A-DH | 3.7               | 1.7 | 14 | 20  | 62  | 40 | 4    |
|  | YMD20PR.203W-0380-04A-DH | 3.8               | 1.7 | 17 | 24  | 66  | 40 | 4    |
|  | YMD20PR.203W-0390-04A-DH | 3.9               | 1.8 | 17 | 24  | 66  | 40 | 4    |
|  | YMD20PR.203W-0400-04A-DH | 4                 | 1.8 | 17 | 24  | 66  | 40 | 4    |
|  | YMD20PR.203W-0410-06A-DH | 4.1               | 1.8 | 17 | 24  | 66  | 40 | 6    |
|  | YMD20PR.203W-0420-06A-DH | 4.2               | 1.9 | 17 | 24  | 66  | 40 | 6    |
|  | YMD20PR.203W-0430-06A-DH | 4.3               | 1.9 | 17 | 24  | 66  | 40 | 6    |
|  | YMD20PR.203W-0440-06A-DH | 4.4               | 2.0 | 17 | 24  | 66  | 40 | 6    |
|  | YMD20PR.203W-0450-06A-DH | 4.5               | 2.0 | 17 | 24  | 66  | 40 | 6    |
|  | YMD20PR.203W-0460-06A-DH | 4.6               | 2.1 | 17 | 24  | 66  | 40 | 6    |
|  | YMD20PR.203W-0470-06A-DH | 4.7               | 2.1 | 20 | 28  | 66  | 36 | 6    |
|  | YMD20PR.203W-0480-06A-DH | 4.8               | 2.2 | 20 | 28  | 66  | 36 | 6    |
|  | YMD20PR.203W-0490-06A-DH | 4.9               | 2.2 | 20 | 28  | 66  | 36 | 6    |
|  | YMD20PR.203W-0500-06A-DH | 5                 | 2.3 | 20 | 28  | 66  | 36 | 6    |
|  | YMD20PR.203W-0510-06A-DH | 5.1               | 2.3 | 20 | 28  | 66  | 36 | 6    |
|  | YMD20PR.203W-0520-06A-DH | 5.2               | 2.3 | 20 | 28  | 66  | 36 | 6    |
|  | YMD20PR.203W-0530-06A-DH | 5.3               | 2.4 | 20 | 28  | 66  | 36 | 6    |
|  | YMD20PR.203W-0540-06A-DH | 5.4               | 2.4 | 20 | 28  | 66  | 36 | 6    |
|  | YMD20PR.203W-0550-06A-DH | 5.5               | 2.5 | 20 | 28  | 66  | 36 | 6    |
|  | YMD20PR.203W-0560-06A-DH | 5.6               | 2.5 | 20 | 28  | 66  | 36 | 6    |
|  | YMD20PR.203W-0570-06A-DH | 5.7               | 2.6 | 20 | 28  | 66  | 36 | 6    |
|  | YMD20PR.203W-0580-06A-DH | 5.8               | 2.6 | 20 | 28  | 66  | 36 | 6    |
|  | YMD20PR.203W-0590-06A-DH | 5.9               | 2.7 | 20 | 28  | 66  | 36 | 6    |
|  | YMD20PR.203W-0600-06A-DH | 6                 | 2.7 | 20 | 28  | 66  | 36 | 6    |
|  | YMD20PR.203W-0610-08A-DH | 6.1               | 2.7 | 24 | 34  | 79  | 40 | 8    |
|  | YMD20PR.203W-0620-08A-DH | 6.2               | 2.8 | 24 | 34  | 79  | 40 | 8    |
|  | YMD20PR.203W-0630-08A-DH | 6.3               | 2.8 | 24 | 34  | 79  | 40 | 8    |
|  | YMD20PR.203W-0640-08A-DH | 6.4               | 2.9 | 24 | 34  | 79  | 40 | 8    |

注: ① 样本规格以外的需求 (特殊直径和长径比等), 提供非标订制  
② 切削参数请参考本部分样本的末页  
③ SP: 专用刀具

# YMD20PR.203W

抑制毛刺钻头 BURRLESS CARBIDE DRILL

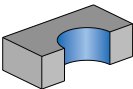


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材料适用性      ●第一选择 ○适用 □有限适用

| P | M | K | N | S | H | C |
|---|---|---|---|---|---|---|
| ● | ● | ● | ■ | ■ | ■ | ■ |

|  | 订货号<br>Ordering code     | 尺寸 Dimension (mm) |     |    |     |     |    |      |
|--|--------------------------|-------------------|-----|----|-----|-----|----|------|
|  |                          | DC                | PL  | LU | LCF | OAL | LS | DCON |
|  | YMD20PR.203W-0650-08A-DH | 6.5               | 2.9 | 24 | 34  | 79  | 40 | 8    |
|  | YMD20PR.203W-0660-08A-DH | 6.6               | 3.0 | 24 | 34  | 79  | 40 | 8    |
|  | YMD20PR.203W-0670-08A-DH | 6.7               | 3.0 | 24 | 34  | 79  | 40 | 8    |
|  | YMD20PR.203W-0680-08A-DH | 6.8               | 3.1 | 24 | 34  | 79  | 40 | 8    |
|  | YMD20PR.203W-0690-08A-DH | 6.9               | 3.1 | 24 | 34  | 79  | 40 | 8    |
|  | YMD20PR.203W-0700-08A-DH | 7.0               | 3.2 | 24 | 34  | 79  | 40 | 8    |
|  | YMD20PR.203W-0710-08A-DH | 7.1               | 3.2 | 29 | 41  | 79  | 40 | 8    |
|  | YMD20PR.203W-0720-08A-DH | 7.2               | 3.2 | 29 | 41  | 79  | 40 | 8    |
|  | YMD20PR.203W-0730-08A-DH | 7.3               | 3.3 | 29 | 41  | 79  | 40 | 8    |
|  | YMD20PR.203W-0740-08A-DH | 7.4               | 3.3 | 29 | 41  | 79  | 40 | 8    |
|  | YMD20PR.203W-0750-08A-DH | 7.5               | 3.4 | 29 | 41  | 79  | 40 | 8    |
|  | YMD20PR.203W-0760-08A-DH | 7.6               | 3.4 | 29 | 41  | 79  | 40 | 8    |
|  | YMD20PR.203W-0770-08A-DH | 7.7               | 3.5 | 29 | 41  | 79  | 40 | 8    |
|  | YMD20PR.203W-0780-08A-DH | 7.8               | 3.5 | 29 | 41  | 79  | 40 | 8    |
|  | YMD20PR.203W-0790-08A-DH | 7.9               | 3.6 | 29 | 41  | 79  | 40 | 8    |
|  | YMD20PR.203W-0800-08A-DH | 8.0               | 3.6 | 29 | 41  | 79  | 40 | 8    |
|  | YMD20PR.203W-0810-10A-DH | 8.1               | 3.6 | 35 | 47  | 89  | 40 | 10   |
|  | YMD20PR.203W-0820-10A-DH | 8.2               | 3.7 | 35 | 47  | 89  | 36 | 10   |
|  | YMD20PR.203W-0830-10A-DH | 8.3               | 3.7 | 35 | 47  | 89  | 36 | 10   |
|  | YMD20PR.203W-0840-10A-DH | 8.4               | 3.8 | 35 | 47  | 89  | 36 | 10   |
|  | YMD20PR.203W-0850-10A-DH | 8.5               | 3.8 | 35 | 47  | 89  | 36 | 10   |
|  | YMD20PR.203W-0860-10A-DH | 8.6               | 3.9 | 35 | 47  | 89  | 36 | 10   |
|  | YMD20PR.203W-0870-10A-DH | 8.7               | 3.9 | 35 | 47  | 89  | 36 | 10   |
|  | YMD20PR.203W-0880-10A-DH | 8.8               | 4.0 | 35 | 47  | 89  | 36 | 10   |
|  | YMD20PR.203W-0890-10A-DH | 8.9               | 4.0 | 35 | 47  | 89  | 36 | 10   |
|  | YMD20PR.203W-0900-10A-DH | 9.0               | 4.1 | 35 | 47  | 89  | 36 | 10   |
|  | YMD20PR.203W-0910-10A-DH | 9.1               | 4.1 | 35 | 47  | 89  | 36 | 10   |
|  | YMD20PR.203W-0920-10A-DH | 9.2               | 4.1 | 35 | 47  | 89  | 36 | 10   |
|  | YMD20PR.203W-0930-10A-DH | 9.3               | 4.2 | 35 | 47  | 89  | 36 | 10   |
|  | YMD20PR.203W-0940-10A-DH | 9.4               | 4.2 | 35 | 47  | 89  | 36 | 10   |
|  | YMD20PR.203W-0950-10A-DH | 9.5               | 4.3 | 35 | 47  | 89  | 36 | 10   |
|  | YMD20PR.203W-0960-10A-DH | 9.6               | 4.3 | 35 | 47  | 89  | 40 | 10   |
|  | YMD20PR.203W-0970-10A-DH | 9.7               | 4.4 | 35 | 47  | 89  | 40 | 10   |
|  | YMD20PR.203W-0980-10A-DH | 9.8               | 4.4 | 35 | 47  | 89  | 40 | 10   |
|  | YMD20PR.203W-0990-10A-DH | 9.9               | 4.5 | 35 | 47  | 89  | 40 | 10   |

注: ① 样本规格以外的需求 (特殊直径和长径比等), 提供非标订制  
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# YMD20PR.203N

抑制毛刺钻头 BURRLESS CARBIDE DRILL

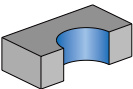


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材料适用性 ●第一选择 ○适用 □有限适用

|   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|
| P | M | K | N | S | H | C |
| ● | ● | ● | ■ | ■ | ■ | ■ |

|  | 订货号<br>Ordering code     | 尺寸 Dimension (mm) |     |    |     |     |    |      |
|--|--------------------------|-------------------|-----|----|-----|-----|----|------|
|  |                          | DC                | PL  | LU | LCF | OAL | LS | DCON |
|  | YMD20PR.203N-0300-04A-DH | 3                 | 1.4 | 14 | 20  | 62  | 40 | 4    |
|  | YMD20PR.203N-0310-04A-DH | 3.1               | 1.4 | 14 | 20  | 62  | 40 | 4    |
|  | YMD20PR.203N-0320-04A-DH | 3.2               | 1.4 | 14 | 20  | 62  | 40 | 4    |
|  | YMD20PR.203N-0330-04A-DH | 3.3               | 1.5 | 14 | 20  | 62  | 40 | 4    |
|  | YMD20PR.203N-0340-04A-DH | 3.4               | 1.5 | 14 | 20  | 62  | 40 | 4    |
|  | YMD20PR.203N-0350-04A-DH | 3.5               | 1.6 | 14 | 20  | 62  | 40 | 4    |
|  | YMD20PR.203N-0360-04A-DH | 3.6               | 1.6 | 14 | 20  | 62  | 40 | 4    |
|  | YMD20PR.203N-0370-04A-DH | 3.7               | 1.7 | 14 | 20  | 62  | 40 | 4    |
|  | YMD20PR.203N-0380-04A-DH | 3.8               | 1.7 | 17 | 24  | 66  | 40 | 4    |
|  | YMD20PR.203N-0390-04A-DH | 3.9               | 1.8 | 17 | 24  | 66  | 40 | 4    |
|  | YMD20PR.203N-0400-04A-DH | 4                 | 1.8 | 17 | 24  | 66  | 40 | 4    |
|  | YMD20PR.203N-0410-06A-DH | 4.1               | 1.8 | 17 | 24  | 66  | 40 | 6    |
|  | YMD20PR.203N-0420-06A-DH | 4.2               | 1.9 | 17 | 24  | 66  | 40 | 6    |
|  | YMD20PR.203N-0430-06A-DH | 4.3               | 1.9 | 17 | 24  | 66  | 40 | 6    |
|  | YMD20PR.203N-0440-06A-DH | 4.4               | 2.0 | 17 | 24  | 66  | 40 | 6    |
|  | YMD20PR.203N-0450-06A-DH | 4.5               | 2.0 | 17 | 24  | 66  | 40 | 6    |
|  | YMD20PR.203N-0460-06A-DH | 4.6               | 2.1 | 17 | 24  | 66  | 40 | 6    |
|  | YMD20PR.203N-0470-06A-DH | 4.7               | 2.1 | 20 | 28  | 66  | 36 | 6    |
|  | YMD20PR.203N-0480-06A-DH | 4.8               | 2.2 | 20 | 28  | 66  | 36 | 6    |
|  | YMD20PR.203N-0490-06A-DH | 4.9               | 2.2 | 20 | 28  | 66  | 36 | 6    |
|  | YMD20PR.203N-0500-06A-DH | 5                 | 2.3 | 20 | 28  | 66  | 36 | 6    |
|  | YMD20PR.203N-0510-06A-DH | 5.1               | 2.3 | 20 | 28  | 66  | 36 | 6    |
|  | YMD20PR.203N-0520-06A-DH | 5.2               | 2.3 | 20 | 28  | 66  | 36 | 6    |
|  | YMD20PR.203N-0530-06A-DH | 5.3               | 2.4 | 20 | 28  | 66  | 36 | 6    |
|  | YMD20PR.203N-0540-06A-DH | 5.4               | 2.4 | 20 | 28  | 66  | 36 | 6    |
|  | YMD20PR.203N-0550-06A-DH | 5.5               | 2.5 | 20 | 28  | 66  | 36 | 6    |
|  | YMD20PR.203N-0560-06A-DH | 5.6               | 2.5 | 20 | 28  | 66  | 36 | 6    |
|  | YMD20PR.203N-0570-06A-DH | 5.7               | 2.6 | 20 | 28  | 66  | 36 | 6    |
|  | YMD20PR.203N-0580-06A-DH | 5.8               | 2.6 | 20 | 28  | 66  | 36 | 6    |
|  | YMD20PR.203N-0590-06A-DH | 5.9               | 2.7 | 20 | 28  | 66  | 36 | 6    |
|  | YMD20PR.203N-0600-06A-DH | 6                 | 2.7 | 20 | 28  | 66  | 36 | 6    |
|  | YMD20PR.203N-0610-08A-DH | 6.1               | 2.7 | 24 | 34  | 79  | 40 | 8    |
|  | YMD20PR.203N-0620-08A-DH | 6.2               | 2.8 | 24 | 34  | 79  | 40 | 8    |
|  | YMD20PR.203N-0630-08A-DH | 6.3               | 2.8 | 24 | 34  | 79  | 40 | 8    |
|  | YMD20PR.203N-0640-08A-DH | 6.4               | 2.9 | 24 | 34  | 79  | 40 | 8    |

注: ① 样本规格以外的需求 (特殊直径和长径比等), 提供非标订制  
② 切削参数请参考本部分样本的末页  
③ SP: 专用刀具

# YMD20PR.203N

抑制毛刺钻头 BURRLESS CARBIDE DRILL

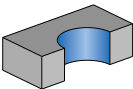


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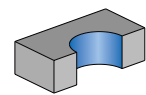


材料适用性 ●第一选择 ○适用 □有限适用

|   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|
| P | M | K | N | S | H | C |
| ● | ● | ● | ■ | ■ | ■ | ■ |

|  | 订货号<br>Ordering code     | 尺寸 Dimension (mm) |     |    |     |     |    |      |
|--|--------------------------|-------------------|-----|----|-----|-----|----|------|
|  |                          | DC                | PL  | LU | LCF | OAL | LS | DCON |
|  | YMD20PR.203N-0650-08A-DH | 6.5               | 2.9 | 24 | 34  | 79  | 40 | 8    |
|  | YMD20PR.203N-0660-08A-DH | 6.6               | 3.0 | 24 | 34  | 79  | 40 | 8    |
|  | YMD20PR.203N-0670-08A-DH | 6.7               | 3.0 | 24 | 34  | 79  | 40 | 8    |
|  | YMD20PR.203N-0680-08A-DH | 6.8               | 3.1 | 24 | 34  | 79  | 40 | 8    |
|  | YMD20PR.203N-0690-08A-DH | 6.9               | 3.1 | 24 | 34  | 79  | 40 | 8    |
|  | YMD20PR.203N-0700-08A-DH | 7.0               | 3.2 | 24 | 34  | 79  | 40 | 8    |
|  | YMD20PR.203N-0710-08A-DH | 7.1               | 3.2 | 29 | 41  | 79  | 40 | 8    |
|  | YMD20PR.203N-0720-08A-DH | 7.2               | 3.2 | 29 | 41  | 79  | 40 | 8    |
|  | YMD20PR.203N-0730-08A-DH | 7.3               | 3.3 | 29 | 41  | 79  | 40 | 8    |
|  | YMD20PR.203N-0740-08A-DH | 7.4               | 3.3 | 29 | 41  | 79  | 40 | 8    |
|  | YMD20PR.203N-0750-08A-DH | 7.5               | 3.4 | 29 | 41  | 79  | 40 | 8    |
|  | YMD20PR.203N-0760-08A-DH | 7.6               | 3.4 | 29 | 41  | 79  | 40 | 8    |
|  | YMD20PR.203N-0770-08A-DH | 7.7               | 3.5 | 29 | 41  | 79  | 40 | 8    |
|  | YMD20PR.203N-0780-08A-DH | 7.8               | 3.5 | 29 | 41  | 79  | 40 | 8    |
|  | YMD20PR.203N-0790-08A-DH | 7.9               | 3.6 | 29 | 41  | 79  | 40 | 8    |
|  | YMD20PR.203N-0800-08A-DH | 8.0               | 3.6 | 29 | 41  | 79  | 40 | 8    |
|  | YMD20PR.203N-0810-10A-DH | 8.1               | 3.6 | 35 | 47  | 89  | 40 | 10   |
|  | YMD20PR.203N-0820-10A-DH | 8.2               | 3.7 | 35 | 47  | 89  | 36 | 10   |
|  | YMD20PR.203N-0830-10A-DH | 8.3               | 3.7 | 35 | 47  | 89  | 36 | 10   |
|  | YMD20PR.203N-0840-10A-DH | 8.4               | 3.8 | 35 | 47  | 89  | 36 | 10   |
|  | YMD20PR.203N-0850-10A-DH | 8.5               | 3.8 | 35 | 47  | 89  | 36 | 10   |
|  | YMD20PR.203N-0860-10A-DH | 8.6               | 3.9 | 35 | 47  | 89  | 36 | 10   |
|  | YMD20PR.203N-0870-10A-DH | 8.7               | 3.9 | 35 | 47  | 89  | 36 | 10   |
|  | YMD20PR.203N-0880-10A-DH | 8.8               | 4.0 | 35 | 47  | 89  | 36 | 10   |
|  | YMD20PR.203N-0890-10A-DH | 8.9               | 4.0 | 35 | 47  | 89  | 36 | 10   |
|  | YMD20PR.203N-0900-10A-DH | 9.0               | 4.1 | 35 | 47  | 89  | 36 | 10   |
|  | YMD20PR.203N-0910-10A-DH | 9.1               | 4.1 | 35 | 47  | 89  | 36 | 10   |
|  | YMD20PR.203N-0920-10A-DH | 9.2               | 4.1 | 35 | 47  | 89  | 36 | 10   |
|  | YMD20PR.203N-0930-10A-DH | 9.3               | 4.2 | 35 | 47  | 89  | 36 | 10   |
|  | YMD20PR.203N-0940-10A-DH | 9.4               | 4.2 | 35 | 47  | 89  | 36 | 10   |
|  | YMD20PR.203N-0950-10A-DH | 9.5               | 4.3 | 35 | 47  | 89  | 36 | 10   |
|  | YMD20PR.203N-0960-10A-DH | 9.6               | 4.3 | 35 | 47  | 89  | 40 | 10   |
|  | YMD20PR.203N-0970-10A-DH | 9.7               | 4.4 | 35 | 47  | 89  | 40 | 10   |
|  | YMD20PR.203N-0980-10A-DH | 9.8               | 4.4 | 35 | 47  | 89  | 40 | 10   |
|  | YMD20PR.203N-0990-10A-DH | 9.9               | 4.5 | 35 | 47  | 89  | 40 | 10   |

注: ① 样本规格以外的需求 (特殊直径和长径比等), 提供非标订制  
② 切削参数请参考本部分样本的末页  
③ SP: 专用刀具

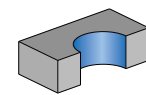


材料适用性 ●第一选择 ○适用 □有限适用

|   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|
| P | M | K | N | S | H | C |
| ● | ● | ● |   |   |   |   |

|  | 订货号<br>Ordering code     | 尺寸 Dimension (mm) |     |    |     |     |    |      |
|--|--------------------------|-------------------|-----|----|-----|-----|----|------|
|  |                          | DC                | PL  | LU | LCF | OAL | LS | DCON |
|  | YMD20PR.203N-1000-10A-DH | 10                | 4.5 | 35 | 47  | 89  | 40 | 10   |
|  | YMD20PR.203N-1010-12A-DH | 10.1              | 4.5 | 40 | 55  | 102 | 45 | 12   |
|  | YMD20PR.203N-1020-12A-DH | 10.2              | 4.6 | 40 | 55  | 102 | 45 | 12   |
|  | YMD20PR.203N-1030-12A-DH | 10.3              | 4.6 | 40 | 55  | 102 | 45 | 12   |
|  | YMD20PR.203N-1040-12A-DH | 10.4              | 4.7 | 40 | 55  | 102 | 45 | 12   |
|  | YMD20PR.203N-1050-12A-DH | 10.5              | 4.7 | 40 | 55  | 102 | 45 | 12   |
|  | YMD20PR.203N-1060-12A-DH | 10.6              | 4.8 | 40 | 55  | 102 | 45 | 12   |
|  | YMD20PR.203N-1070-12A-DH | 10.7              | 4.8 | 40 | 55  | 102 | 45 | 12   |
|  | YMD20PR.203N-1080-12A-DH | 10.8              | 4.9 | 40 | 55  | 102 | 45 | 12   |
|  | YMD20PR.203N-1090-12A-DH | 10.9              | 4.9 | 40 | 55  | 102 | 45 | 12   |
|  | YMD20PR.203N-1100-12A-DH | 11                | 5.0 | 40 | 55  | 102 | 45 | 12   |
|  | YMD20PR.203N-1110-12A-DH | 11.1              | 5.0 | 40 | 55  | 102 | 45 | 12   |
|  | YMD20PR.203N-1120-12A-DH | 11.2              | 5.0 | 40 | 55  | 102 | 45 | 12   |
|  | YMD20PR.203N-1130-12A-DH | 11.3              | 5.1 | 40 | 55  | 102 | 45 | 12   |
|  | YMD20PR.203N-1140-12A-DH | 11.4              | 5.1 | 40 | 55  | 102 | 45 | 12   |
|  | YMD20PR.203N-1150-12A-DH | 11.5              | 5.2 | 40 | 55  | 102 | 45 | 12   |
|  | YMD20PR.203N-1160-12A-DH | 11.6              | 5.2 | 40 | 55  | 102 | 45 | 12   |
|  | YMD20PR.203N-1170-12A-DH | 11.7              | 5.3 | 40 | 55  | 102 | 45 | 12   |
|  | YMD20PR.203N-1180-12A-DH | 11.8              | 5.3 | 40 | 55  | 102 | 45 | 12   |
|  | YMD20PR.203N-1190-12A-DH | 11.9              | 5.4 | 40 | 55  | 102 | 45 | 12   |
|  | YMD20PR.203N-1200-12A-DH | 12                | 5.4 | 40 | 55  | 102 | 45 | 12   |
|  | YMD20PR.203N-1210-14A-DH | 12.1              | 5.4 | 43 | 60  | 107 | 45 | 14   |
|  | YMD20PR.203N-1220-14A-DH | 12.2              | 5.5 | 43 | 60  | 107 | 45 | 14   |
|  | YMD20PR.203N-1230-14A-DH | 12.3              | 5.5 | 43 | 60  | 107 | 45 | 14   |
|  | YMD20PR.203N-1240-14A-DH | 12.4              | 5.6 | 43 | 60  | 107 | 45 | 14   |
|  | YMD20PR.203N-1250-14A-DH | 12.5              | 5.6 | 43 | 60  | 107 | 45 | 14   |
|  | YMD20PR.203N-1260-14A-DH | 12.6              | 5.7 | 43 | 60  | 107 | 45 | 14   |
|  | YMD20PR.203N-1270-14A-DH | 12.7              | 5.7 | 43 | 60  | 107 | 45 | 14   |
|  | YMD20PR.203N-1280-14A-DH | 12.8              | 5.8 | 43 | 60  | 107 | 45 | 14   |
|  | YMD20PR.203N-1290-14A-DH | 12.9              | 5.8 | 43 | 60  | 107 | 45 | 14   |
|  | YMD20PR.203N-1300-14A-DH | 13                | 5.9 | 43 | 60  | 107 | 45 | 14   |
|  | YMD20PR.203N-1310-14A-DH | 13.1              | 5.9 | 43 | 60  | 107 | 45 | 14   |
|  | YMD20PR.203N-1320-14A-DH | 13.2              | 5.9 | 43 | 60  | 107 | 45 | 14   |
|  | YMD20PR.203N-1330-14A-DH | 13.3              | 6.0 | 43 | 60  | 107 | 45 | 14   |
|  | YMD20PR.203N-1340-14A-DH | 13.4              | 6.0 | 43 | 60  | 107 | 45 | 14   |

注：① 样本规格以外的需求（特殊直径和长径比等），提供非标订制  
② 切削参数请参考本部分样本的末页  
③ SP：专用刀具



材料适用性 ●第一选择 ○适用 □有限适用

|   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|
| P | M | K | N | S | H | C |
| ● | ● | ● |   |   |   |   |

[illegible]

注: ① 样本规格以外的需求(特殊直径和长径比等), 提供非标订制  
② 切削参数请参考本部分样本的末页  
③ SP: 专用刀具

# YMD20PR.205W

抑制毛刺钻头 BURRLESS CARBIDE DRILL

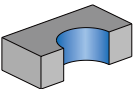


SP

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6535HA



材料适用性 ●第一选择 ○适用 □有限适用

| P | M | K | N | S | H | C |
|---|---|---|---|---|---|---|
| ● | ● | ● | ● | ● | ● | ● |

|  | 订货号<br>Ordering code     | 尺寸 Dimension (mm) |     |    |     |     |    |      |
|--|--------------------------|-------------------|-----|----|-----|-----|----|------|
|  |                          | DC                | PL  | LU | LCF | OAL | LS | DCON |
|  | YMD20PR.205W-0300-04A-DH | 3                 | 1.4 | 23 | 28  | 66  | 36 | 4    |
|  | YMD20PR.205W-0310-04A-DH | 3.1               | 1.4 | 23 | 28  | 66  | 36 | 4    |
|  | YMD20PR.205W-0320-04A-DH | 3.2               | 1.4 | 23 | 28  | 66  | 36 | 4    |
|  | YMD20PR.205W-0330-04A-DH | 3.3               | 1.5 | 23 | 28  | 66  | 36 | 4    |
|  | YMD20PR.205W-0340-04A-DH | 3.4               | 1.5 | 23 | 28  | 66  | 36 | 4    |
|  | YMD20PR.205W-0350-04A-DH | 3.5               | 1.6 | 23 | 28  | 66  | 36 | 4    |
|  | YMD20PR.205W-0360-04A-DH | 3.6               | 1.6 | 23 | 28  | 66  | 36 | 4    |
|  | YMD20PR.205W-0370-04A-DH | 3.7               | 1.7 | 23 | 28  | 66  | 36 | 4    |
|  | YMD20PR.205W-0380-04A-DH | 3.8               | 1.7 | 23 | 28  | 66  | 36 | 4    |
|  | YMD20PR.205W-0390-04A-DH | 3.9               | 1.8 | 29 | 36  | 74  | 36 | 4    |
|  | YMD20PR.205W-0400-04A-DH | 4                 | 1.8 | 29 | 36  | 74  | 36 | 4    |
|  | YMD20PR.205W-0410-06A-DH | 4.1               | 1.8 | 29 | 36  | 74  | 36 | 6    |
|  | YMD20PR.205W-0420-06A-DH | 4.2               | 1.9 | 29 | 36  | 74  | 36 | 6    |
|  | YMD20PR.205W-0430-06A-DH | 4.3               | 1.9 | 29 | 36  | 74  | 36 | 6    |
|  | YMD20PR.205W-0440-06A-DH | 4.4               | 2.0 | 29 | 36  | 74  | 36 | 6    |
|  | YMD20PR.205W-0450-06A-DH | 4.5               | 2.0 | 29 | 36  | 74  | 36 | 6    |
|  | YMD20PR.205W-0460-06A-DH | 4.6               | 2.1 | 29 | 36  | 74  | 36 | 6    |
|  | YMD20PR.205W-0470-06A-DH | 4.7               | 2.1 | 29 | 36  | 74  | 36 | 6    |
|  | YMD20PR.205W-0480-06A-DH | 4.8               | 2.2 | 35 | 44  | 82  | 36 | 6    |
|  | YMD20PR.205W-0490-06A-DH | 4.9               | 2.2 | 35 | 44  | 82  | 36 | 6    |
|  | YMD20PR.205W-0500-06A-DH | 5                 | 2.3 | 35 | 44  | 82  | 36 | 6    |
|  | YMD20PR.205W-0510-06A-DH | 5.1               | 2.3 | 35 | 44  | 82  | 36 | 6    |
|  | YMD20PR.205W-0520-06A-DH | 5.2               | 2.3 | 35 | 44  | 82  | 36 | 6    |
|  | YMD20PR.205W-0530-06A-DH | 5.3               | 2.4 | 35 | 44  | 82  | 36 | 6    |
|  | YMD20PR.205W-0540-06A-DH | 5.4               | 2.4 | 35 | 44  | 82  | 36 | 6    |
|  | YMD20PR.205W-0550-06A-DH | 5.5               | 2.5 | 35 | 44  | 82  | 36 | 6    |
|  | YMD20PR.205W-0560-06A-DH | 5.6               | 2.5 | 35 | 44  | 82  | 36 | 6    |
|  | YMD20PR.205W-0570-06A-DH | 5.7               | 2.6 | 35 | 44  | 82  | 36 | 6    |
|  | YMD20PR.205W-0580-06A-DH | 5.8               | 2.6 | 35 | 44  | 82  | 36 | 6    |
|  | YMD20PR.205W-0590-06A-DH | 5.9               | 2.7 | 35 | 44  | 82  | 36 | 6    |
|  | YMD20PR.205W-0600-06A-DH | 6                 | 2.7 | 35 | 44  | 82  | 36 | 6    |
|  | YMD20PR.205W-0610-08A-DH | 6.1               | 2.7 | 43 | 53  | 91  | 36 | 8    |
|  | YMD20PR.205W-0620-08A-DH | 6.2               | 2.8 | 43 | 53  | 91  | 36 | 8    |
|  | YMD20PR.205W-0630-08A-DH | 6.3               | 2.8 | 43 | 53  | 91  | 36 | 8    |
|  | YMD20PR.205W-0640-08A-DH | 6.4               | 2.9 | 43 | 53  | 91  | 36 | 8    |

注: ① 样本规格以外的需求 (特殊直径和长径比等), 提供非标订制  
② 切削参数请参考本部分样本的末页  
③ SP: 专用刀具

# YMD20PR.205W

抑制毛刺钻头 BURRLESS CARBIDE DRILL

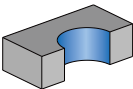


SP

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6535HA



材料适用性 ●第一选择 ○适用 □有限适用

| P | M | K | N | S | H | C |
|---|---|---|---|---|---|---|
| ● | ● | ● | ● | ● | ● | ● |

|  | 订货号<br>Ordering code     | 尺寸 Dimension (mm) |     |    |     |     |    |      |
|--|--------------------------|-------------------|-----|----|-----|-----|----|------|
|  |                          | DC                | PL  | LU | LCF | OAL | LS | DCON |
|  | YMD20PR.205W-0650-08A-DH | 6.5               | 2.9 | 43 | 53  | 91  | 36 | 8    |
|  | YMD20PR.205W-0660-08A-DH | 6.6               | 3.0 | 43 | 53  | 91  | 36 | 8    |
|  | YMD20PR.205W-0670-08A-DH | 6.7               | 3.0 | 43 | 53  | 91  | 36 | 8    |
|  | YMD20PR.205W-0680-08A-DH | 6.8               | 3.1 | 43 | 53  | 91  | 36 | 8    |
|  | YMD20PR.205W-0690-08A-DH | 6.9               | 3.1 | 43 | 53  | 91  | 36 | 8    |
|  | YMD20PR.205W-0700-08A-DH | 7                 | 3.2 | 43 | 53  | 91  | 36 | 8    |
|  | YMD20PR.205W-0710-08A-DH | 7.1               | 3.2 | 43 | 53  | 91  | 36 | 8    |
|  | YMD20PR.205W-0720-08A-DH | 7.2               | 3.2 | 43 | 53  | 91  | 36 | 8    |
|  | YMD20PR.205W-0730-08A-DH | 7.3               | 3.3 | 43 | 53  | 91  | 36 | 8    |
|  | YMD20PR.205W-0740-08A-DH | 7.4               | 3.3 | 43 | 53  | 91  | 36 | 8    |
|  | YMD20PR.205W-0750-08A-DH | 7.5               | 3.4 | 43 | 53  | 91  | 36 | 8    |
|  | YMD20PR.205W-0760-08A-DH | 7.6               | 3.4 | 43 | 53  | 91  | 36 | 8    |
|  | YMD20PR.205W-0770-08A-DH | 7.7               | 3.5 | 43 | 53  | 91  | 36 | 8    |
|  | YMD20PR.205W-0780-08A-DH | 7.8               | 3.5 | 43 | 53  | 91  | 36 | 8    |
|  | YMD20PR.205W-0790-08A-DH | 7.9               | 3.6 | 43 | 53  | 91  | 36 | 8    |
|  | YMD20PR.205W-0800-08A-DH | 8                 | 3.6 | 43 | 53  | 91  | 36 | 8    |
|  | YMD20PR.205W-0810-10A-DH | 8.1               | 3.6 | 49 | 61  | 103 | 40 | 10   |
|  | YMD20PR.205W-0820-10A-DH | 8.2               | 3.7 | 49 | 61  | 103 | 40 | 10   |
|  | YMD20PR.205W-0830-10A-DH | 8.3               | 3.7 | 49 | 61  | 103 | 40 | 10   |
|  | YMD20PR.205W-0840-10A-DH | 8.4               | 3.8 | 49 | 61  | 103 | 40 | 10   |
|  | YMD20PR.205W-0850-10A-DH | 8.5               | 3.8 | 49 | 61  | 103 | 40 | 10   |
|  | YMD20PR.205W-0860-10A-DH | 8.6               | 3.9 | 49 | 61  | 103 | 40 | 10   |
|  | YMD20PR.205W-0870-10A-DH | 8.7               | 3.9 | 49 | 61  | 103 | 40 | 10   |
|  | YMD20PR.205W-0880-10A-DH | 8.8               | 4.0 | 49 | 61  | 103 | 40 | 10   |
|  | YMD20PR.205W-0890-10A-DH | 8.9               | 4.0 | 49 | 61  | 103 | 40 | 10   |
|  | YMD20PR.205W-0900-10A-DH | 9                 | 4.1 | 49 | 61  | 103 | 40 | 10   |
|  | YMD20PR.205W-0910-10A-DH | 9.1               | 4.1 | 49 | 61  | 103 | 40 | 10   |
|  | YMD20PR.205W-0920-10A-DH | 9.2               | 4.1 | 49 | 61  | 103 | 40 | 10   |
|  | YMD20PR.205W-0930-10A-DH | 9.3               | 4.2 | 49 | 61  | 103 | 40 | 10   |
|  | YMD20PR.205W-0940-10A-DH | 9.4               | 4.2 | 49 | 61  | 103 | 40 | 10   |
|  | YMD20PR.205W-0950-10A-DH | 9.5               | 4.3 | 49 | 61  | 103 | 40 | 10   |
|  | YMD20PR.205W-0960-10A-DH | 9.6               | 4.3 | 49 | 61  | 103 | 40 | 10   |
|  | YMD20PR.205W-0970-10A-DH | 9.7               | 4.4 | 49 | 61  | 103 | 40 | 10   |
|  | YMD20PR.205W-0980-10A-DH | 9.8               | 4.4 | 49 | 61  | 103 | 40 | 10   |
|  | YMD20PR.205W-0990-10A-DH | 9.9               | 4.5 | 49 | 61  | 103 | 40 | 10   |

注: ① 样本规格以外的需求 (特殊直径和长径比等), 提供非标订制  
② 切削参数请参考本部分样本的末页  
③ SP: 专用刀具



SP

m7

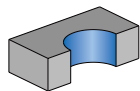
5XD

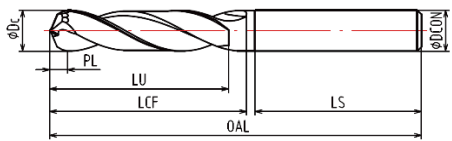
DIN  
6535HA

## 材料适用性

●第一选择 ○适用 □有限适用

|   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|
| P | M | K | N | S | H | C |
| ● | ● | ● |   |   |   |   |



|                                                                                   | <div> <div>订货号</div> <div>Ordering code</div> </div> | 尺寸 Dimension (mm) |     |    |     |     |    |      |
|-----------------------------------------------------------------------------------|------------------------------------------------------|-------------------|-----|----|-----|-----|----|------|
|                                                                                   |                                                      | DC                | PL  | LU | LCF | OAL | LS | DCON |
|  | YMD20PR.205W-1000-10A-DH                             | 10                | 4.5 | 49 | 61  | 103 | 40 | 10   |
|                                                                                   | YMD20PR.205W-1010-12A-DH                             | 10.1              | 4.5 | 56 | 71  | 118 | 45 | 12   |
|                                                                                   | YMD20PR.205W-1020-12A-DH                             | 10.2              | 4.6 | 56 | 71  | 118 | 45 | 12   |
|                                                                                   | YMD20PR.205W-1030-12A-DH                             | 10.3              | 4.6 | 56 | 71  | 118 | 45 | 12   |
|                                                                                   | YMD20PR.205W-1040-12A-DH                             | 10.4              | 4.7 | 56 | 71  | 118 | 45 | 12   |
|                                                                                   | YMD20PR.205W-1050-12A-DH                             | 10.5              | 4.7 | 56 | 71  | 118 | 45 | 12   |
|                                                                                   | YMD20PR.205W-1060-12A-DH                             | 10.6              | 4.8 | 56 | 71  | 118 | 45 | 12   |
|                                                                                   | YMD20PR.205W-1070-12A-DH                             | 10.7              | 4.8 | 56 | 71  | 118 | 45 | 12   |
|                                                                                   | YMD20PR.205W-1080-12A-DH                             | 10.8              | 4.9 | 56 | 71  | 118 | 45 | 12   |
|                                                                                   | YMD20PR.205W-1090-12A-DH                             | 10.9              | 4.9 | 56 | 71  | 118 | 45 | 12   |
|                                                                                   | YMD20PR.205W-1100-12A-DH                             | 11                | 5.0 | 56 | 71  | 118 | 45 | 12   |
|                                                                                   | YMD20PR.205W-1110-12A-DH                             | 11.1              | 5.0 | 56 | 71  | 118 | 45 | 12   |
|                                                                                   | YMD20PR.205W-1120-12A-DH                             | 11.2              | 5.0 | 56 | 71  | 118 | 45 | 12   |
|                                                                                   | YMD20PR.205W-1130-12A-DH                             | 11.3              | 5.1 | 56 | 71  | 118 | 45 | 12   |
|                                                                                   | YMD20PR.205W-1140-12A-DH                             | 11.4              | 5.1 | 56 | 71  | 118 | 45 | 12   |
|                                                                                   | YMD20PR.205W-1150-12A-DH                             | 11.5              | 5.2 | 56 | 71  | 118 | 45 | 12   |
|                                                                                   | YMD20PR.205W-1160-12A-DH                             | 11.6              | 5.2 | 56 | 71  | 118 | 45 | 12   |
|                                                                                   | YMD20PR.205W-1170-12A-DH                             | 11.7              | 5.3 | 56 | 71  | 118 | 45 | 12   |
|                                                                                   | YMD20PR.205W-1180-12A-DH                             | 11.8              | 5.3 | 56 | 71  | 118 | 45 | 12   |
|                                                                                   | YMD20PR.205W-1190-12A-DH                             | 11.9              | 5.4 | 56 | 71  | 118 | 45 | 12   |
|                                                                                   | YMD20PR.205W-1200-12A-DH                             | 12                | 5.4 | 56 | 71  | 118 | 45 | 12   |
|                                                                                   | YMD20PR.205W-1210-14A-DH                             | 12.1              | 5.4 | 60 | 77  | 124 | 45 | 14   |
|                                                                                   | YMD20PR.205W-1220-14A-DH                             | 12.2              | 5.5 | 60 | 77  | 124 | 45 | 14   |
|                                                                                   | YMD20PR.205W-1230-14A-DH                             | 12.3              | 5.5 | 60 | 77  | 124 | 45 | 14   |
|                                                                                   | YMD20PR.205W-1240-14A-DH                             | 12.4              | 5.6 | 60 | 77  | 124 | 45 | 14   |
|                                                                                   | YMD20PR.205W-1250-14A-DH                             | 12.5              | 5.6 | 60 | 77  | 124 | 45 | 14   |
|                                                                                   | YMD20PR.205W-1260-14A-DH                             | 12.6              | 5.7 | 60 | 77  | 124 | 45 | 14   |
|                                                                                   | YMD20PR.205W-1270-14A-DH                             | 12.7              | 5.7 | 60 | 77  | 124 | 45 | 14   |
|                                                                                   | YMD20PR.205W-1280-14A-DH                             | 12.8              | 5.8 | 60 | 77  | 124 | 45 | 14   |
|                                                                                   | YMD20PR.205W-1290-14A-DH                             | 12.9              | 5.8 | 60 | 77  | 124 | 45 | 14   |
|                                                                                   | YMD20PR.205W-1300-14A-DH                             | 13                | 5.9 | 60 | 77  | 124 | 45 | 14   |
|                                                                                   | YMD20PR.205W-1310-14A-DH                             | 13.1              | 5.9 | 60 | 77  | 124 | 45 | 14   |
|                                                                                   | YMD20PR.205W-1320-14A-DH                             | 13.2              | 5.9 | 60 | 77  | 124 | 45 | 14   |
|                                                                                   | YMD20PR.205W-1330-14A-DH                             | 13.3              | 6.0 | 60 | 77  | 124 | 45 | 14   |
|                                                                                   | YMD20PR.205W-1340-14A-DH                             | 13.4              | 6.0 | 60 | 77  | 124 | 45 | 14   |

注：① 样本规格以外的需求（特殊直径和长径比等），提供非标订制  
② 切削参数请参考本部分样本的末页  
③ SP：专用刀具

**YMD20PR.205W**



SP

m7

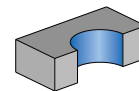
5XD

DIN  
6535HA

## 材料适用性

●第一选择 ○适用 □有限适用

|   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|
| P | M | K | N | S | H | C |
| ● | ● | ● |   |   |   |   |

[illegible]

注: ① 样本规格以外的需求 (特殊直径和长径比等), 提供非标订制  
② 切削参数请参考本部分样本的末页  
③ SP: 专用刀具



# YMD20PR.205N

抑制毛刺钻头 BURRLESS CARBIDE DRILL

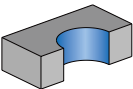


SP

m7

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DIN  
6535HA



材料适用性 ●第一选择 ○适用 □有限适用

|   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|
| P | M | K | N | S | H | C |
| ● | ● | ● | ■ | ■ | ■ | ■ |

|  | 订货号<br>Ordering code     | 尺寸 Dimension (mm) |     |    |     |     |    |      |
|--|--------------------------|-------------------|-----|----|-----|-----|----|------|
|  |                          | DC                | PL  | LU | LCF | OAL | LS | DCON |
|  | YMD20PR.205N-0300-04A-DH | 3                 | 1.4 | 23 | 28  | 66  | 36 | 4    |
|  | YMD20PR.205N-0310-04A-DH | 3.1               | 1.4 | 23 | 28  | 66  | 36 | 4    |
|  | YMD20PR.205N-0320-04A-DH | 3.2               | 1.4 | 23 | 28  | 66  | 36 | 4    |
|  | YMD20PR.205N-0330-04A-DH | 3.3               | 1.5 | 23 | 28  | 66  | 36 | 4    |
|  | YMD20PR.205N-0340-04A-DH | 3.4               | 1.5 | 23 | 28  | 66  | 36 | 4    |
|  | YMD20PR.205N-0350-04A-DH | 3.5               | 1.6 | 23 | 28  | 66  | 36 | 4    |
|  | YMD20PR.205N-0360-04A-DH | 3.6               | 1.6 | 23 | 28  | 66  | 36 | 4    |
|  | YMD20PR.205N-0370-04A-DH | 3.7               | 1.7 | 23 | 28  | 66  | 36 | 4    |
|  | YMD20PR.205N-0380-04A-DH | 3.8               | 1.7 | 23 | 28  | 66  | 36 | 4    |
|  | YMD20PR.205N-0390-04A-DH | 3.9               | 1.8 | 29 | 36  | 74  | 36 | 4    |
|  | YMD20PR.205N-0400-04A-DH | 4                 | 1.8 | 29 | 36  | 74  | 36 | 4    |
|  | YMD20PR.205N-0410-06A-DH | 4.1               | 1.8 | 29 | 36  | 74  | 36 | 6    |
|  | YMD20PR.205N-0420-06A-DH | 4.2               | 1.9 | 29 | 36  | 74  | 36 | 6    |
|  | YMD20PR.205N-0430-06A-DH | 4.3               | 1.9 | 29 | 36  | 74  | 36 | 6    |
|  | YMD20PR.205N-0440-06A-DH | 4.4               | 2.0 | 29 | 36  | 74  | 36 | 6    |
|  | YMD20PR.205N-0450-06A-DH | 4.5               | 2.0 | 29 | 36  | 74  | 36 | 6    |
|  | YMD20PR.205N-0460-06A-DH | 4.6               | 2.1 | 29 | 36  | 74  | 36 | 6    |
|  | YMD20PR.205N-0470-06A-DH | 4.7               | 2.1 | 29 | 36  | 74  | 36 | 6    |
|  | YMD20PR.205N-0480-06A-DH | 4.8               | 2.2 | 35 | 44  | 82  | 36 | 6    |
|  | YMD20PR.205N-0490-06A-DH | 4.9               | 2.2 | 35 | 44  | 82  | 36 | 6    |
|  | YMD20PR.205N-0500-06A-DH | 5                 | 2.3 | 35 | 44  | 82  | 36 | 6    |
|  | YMD20PR.205N-0510-06A-DH | 5.1               | 2.3 | 35 | 44  | 82  | 36 | 6    |
|  | YMD20PR.205N-0520-06A-DH | 5.2               | 2.3 | 35 | 44  | 82  | 36 | 6    |
|  | YMD20PR.205N-0530-06A-DH | 5.3               | 2.4 | 35 | 44  | 82  | 36 | 6    |
|  | YMD20PR.205N-0540-06A-DH | 5.4               | 2.4 | 35 | 44  | 82  | 36 | 6    |
|  | YMD20PR.205N-0550-06A-DH | 5.5               | 2.5 | 35 | 44  | 82  | 36 | 6    |
|  | YMD20PR.205N-0560-06A-DH | 5.6               | 2.5 | 35 | 44  | 82  | 36 | 6    |
|  | YMD20PR.205N-0570-06A-DH | 5.7               | 2.6 | 35 | 44  | 82  | 36 | 6    |
|  | YMD20PR.205N-0580-06A-DH | 5.8               | 2.6 | 35 | 44  | 82  | 36 | 6    |
|  | YMD20PR.205N-0590-06A-DH | 5.9               | 2.7 | 35 | 44  | 82  | 36 | 6    |
|  | YMD20PR.205N-0600-06A-DH | 6                 | 2.7 | 35 | 44  | 82  | 36 | 6    |
|  | YMD20PR.205N-0610-08A-DH | 6.1               | 2.7 | 43 | 53  | 91  | 36 | 8    |
|  | YMD20PR.205N-0620-08A-DH | 6.2               | 2.8 | 43 | 53  | 91  | 36 | 8    |
|  | YMD20PR.205N-0630-08A-DH | 6.3               | 2.8 | 43 | 53  | 91  | 36 | 8    |
|  | YMD20PR.205N-0640-08A-DH | 6.4               | 2.9 | 43 | 53  | 91  | 36 | 8    |

注: ① 样本规格以外的需求 (特殊直径和长径比等), 提供非标订制  
② 切削参数请参考本部分样本的末页  
③ SP: 专用刀具

# YMD20PR.205N

抑制毛刺钻头 BURRLESS CARBIDE DRILL

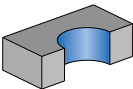


SP

m7

5XD

DIN  
6535HA



材料适用性 ●第一选择 ○适用 □有限适用

|   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|
| P | M | K | N | S | H | C |
| ● | ● | ● | ■ | ■ | ■ | ■ |

|  | 订货号<br>Ordering code     | 尺寸 Dimension (mm) |     |    |     |     |    |      |
|--|--------------------------|-------------------|-----|----|-----|-----|----|------|
|  |                          | DC                | PL  | LU | LCF | OAL | LS | DCON |
|  | YMD20PR.205N-0650-08A-DH | 6.5               | 2.9 | 43 | 53  | 91  | 36 | 8    |
|  | YMD20PR.205N-0660-08A-DH | 6.6               | 3.0 | 43 | 53  | 91  | 36 | 8    |
|  | YMD20PR.205N-0670-08A-DH | 6.7               | 3.0 | 43 | 53  | 91  | 36 | 8    |
|  | YMD20PR.205N-0680-08A-DH | 6.8               | 3.1 | 43 | 53  | 91  | 36 | 8    |
|  | YMD20PR.205N-0690-08A-DH | 6.9               | 3.1 | 43 | 53  | 91  | 36 | 8    |
|  | YMD20PR.205N-0700-08A-DH | 7                 | 3.2 | 43 | 53  | 91  | 36 | 8    |
|  | YMD20PR.205N-0710-08A-DH | 7.1               | 3.2 | 43 | 53  | 91  | 36 | 8    |
|  | YMD20PR.205N-0720-08A-DH | 7.2               | 3.2 | 43 | 53  | 91  | 36 | 8    |
|  | YMD20PR.205N-0730-08A-DH | 7.3               | 3.3 | 43 | 53  | 91  | 36 | 8    |
|  | YMD20PR.205N-0740-08A-DH | 7.4               | 3.3 | 43 | 53  | 91  | 36 | 8    |
|  | YMD20PR.205N-0750-08A-DH | 7.5               | 3.4 | 43 | 53  | 91  | 36 | 8    |
|  | YMD20PR.205N-0760-08A-DH | 7.6               | 3.4 | 43 | 53  | 91  | 36 | 8    |
|  | YMD20PR.205N-0770-08A-DH | 7.7               | 3.5 | 43 | 53  | 91  | 36 | 8    |
|  | YMD20PR.205N-0780-08A-DH | 7.8               | 3.5 | 43 | 53  | 91  | 36 | 8    |
|  | YMD20PR.205N-0790-08A-DH | 7.9               | 3.6 | 43 | 53  | 91  | 36 | 8    |
|  | YMD20PR.205N-0800-08A-DH | 8                 | 3.6 | 43 | 53  | 91  | 36 | 8    |
|  | YMD20PR.205N-0810-10A-DH | 8.1               | 3.6 | 49 | 61  | 103 | 40 | 10   |
|  | YMD20PR.205N-0820-10A-DH | 8.2               | 3.7 | 49 | 61  | 103 | 40 | 10   |
|  | YMD20PR.205N-0830-10A-DH | 8.3               | 3.7 | 49 | 61  | 103 | 40 | 10   |
|  | YMD20PR.205N-0840-10A-DH | 8.4               | 3.8 | 49 | 61  | 103 | 40 | 10   |
|  | YMD20PR.205N-0850-10A-DH | 8.5               | 3.8 | 49 | 61  | 103 | 40 | 10   |
|  | YMD20PR.205N-0860-10A-DH | 8.6               | 3.9 | 49 | 61  | 103 | 40 | 10   |
|  | YMD20PR.205N-0870-10A-DH | 8.7               | 3.9 | 49 | 61  | 103 | 40 | 10   |
|  | YMD20PR.205N-0880-10A-DH | 8.8               | 4.0 | 49 | 61  | 103 | 40 | 10   |
|  | YMD20PR.205N-0890-10A-DH | 8.9               | 4.0 | 49 | 61  | 103 | 40 | 10   |
|  | YMD20PR.205N-0900-10A-DH | 9                 | 4.1 | 49 | 61  | 103 | 40 | 10   |
|  | YMD20PR.205N-0910-10A-DH | 9.1               | 4.1 | 49 | 61  | 103 | 40 | 10   |
|  | YMD20PR.205N-0920-10A-DH | 9.2               | 4.1 | 49 | 61  | 103 | 40 | 10   |
|  | YMD20PR.205N-0930-10A-DH | 9.3               | 4.2 | 49 | 61  | 103 | 40 | 10   |
|  | YMD20PR.205N-0940-10A-DH | 9.4               | 4.2 | 49 | 61  | 103 | 40 | 10   |
|  | YMD20PR.205N-0950-10A-DH | 9.5               | 4.3 | 49 | 61  | 103 | 40 | 10   |
|  | YMD20PR.205N-0960-10A-DH | 9.6               | 4.3 | 49 | 61  | 103 | 40 | 10   |
|  | YMD20PR.205N-0970-10A-DH | 9.7               | 4.4 | 49 | 61  | 103 | 40 | 10   |
|  | YMD20PR.205N-0980-10A-DH | 9.8               | 4.4 | 49 | 61  | 103 | 40 | 10   |
|  | YMD20PR.205N-0990-10A-DH | 9.9               | 4.5 | 49 | 61  | 103 | 40 | 10   |

注: ① 样本规格以外的需求 (特殊直径和长径比等), 提供非标订制  
② 切削参数请参考本部分样本的末页  
③ SP: 专用刀具



## 切削参数

## CUTTING DATA



YMD20PR 抑制毛刺钻头 YMD20PR BURRLESS CARBIDE DRILL

圆柄类刀具  
一站式解决方案



## MEMO

| 材料分类 |      |            | 材料                      | 强度/硬度<br>[N/mm²] [HRC] | 切削参数<br>Vc [m/min] |      | 进给<br>fr [mm/rev] |       |       |       |       |       |
|------|------|------------|-------------------------|------------------------|--------------------|------|-------------------|-------|-------|-------|-------|-------|
|      |      |            |                         |                        | 内冷                 | 外冷   | 3                 | 4     | 6     | 8     | 10    | 12    |
| P    | P1   | P1.1       | 非合金的结构钢、易切削的结构钢、渗碳钢和调质钢 | <700                   | 90                 | 70   | 0.1               | 0.15  | 0.2   | 0.22  | 0.25  | 0.28  |
|      |      | P1.2       | 非合金的结构钢、易切削的结构钢、渗碳钢和调质钢 | <1200                  | 80                 | 60   | 0.09              | 0.15  | 0.2   | 0.22  | 0.25  | 0.28  |
|      | P2   | P2.1       | 合金的渗碳钢、渗碳钢和调质钢          | <900                   | 80                 | 60   | 0.09              | 0.15  | 0.2   | 0.22  | 0.25  | 0.28  |
|      |      | P2.2       | 合金的渗碳钢、渗碳钢和调质钢          | <1400                  | 70                 | 50   | 0.09              | 0.12  | 0.16  | 0.18  | 0.2   | 0.22  |
|      | P3   | P3.1       | 工具钢、轴承钢、弹簧钢和高速钢         | <900                   | 75                 | 55   | 0.08              | 0.1   | 0.15  | 0.18  | 0.22  | 0.25  |
|      |      | P3.2       | 工具钢、轴承钢、弹簧钢和高速钢         | <1500                  | 60                 | 40   | 0.06              | 0.1   | 0.12  | 0.15  | 0.18  | 0.2   |
|      | P4   | P4.1       | 铁素体和马氏体不锈钢              |                        | 60                 | 40   | 0.06              | 0.1   | 0.12  | 0.15  | 0.18  | 0.2   |
|      | P5   | P5.1       | 铸钢                      |                        | 80                 | 70   | 0.1               | 0.15  | 0.2   | 0.22  | 0.25  | 0.28  |
| P6   | P6.1 | 铁素体和马氏体不锈钢 |                         | 60                     | 40                 | 0.06 | 0.1               | 0.12  | 0.15  | 0.18  | 0.2   |       |
| M    | M1   | M1.1       | 奥氏体不锈钢                  | <700                   | 36                 | 50   | 0.045             | 0.06  | 0.075 | 0.105 | 0.128 | 0.158 |
|      |      | M1.2       | 铁素体/奥氏体（双晶体）不锈钢         | <1000                  | 45                 | 30   | 0.038             | 0.053 | 0.068 | 0.09  | 0.113 | 0.135 |
|      | M2   | M2.1       | 奥氏体不锈钢                  | <700                   | 48                 | 35   | 0.045             | 0.06  | 0.075 | 0.105 | 0.128 | 0.158 |
|      |      | M3.1       | 铁素体/奥氏体（双晶体）不锈钢         | <1000                  | 45                 | 30   | 0.038             | 0.053 | 0.068 | 0.09  | 0.113 | 0.135 |
| K    | K1   | K1.1       | 片状石墨铸铁（灰口铸铁）， GJL       | <300                   | 80                 | 60   | 0.09              | 0.15  | 0.2   | 0.22  | 0.25  | 0.28  |
|      |      | K2.1       | 球墨铸铁， GJS               | <500                   | 85                 | 65   | 0.09              | 0.15  | 0.2   | 0.22  | 0.25  | 0.28  |
|      |      | K2.2       | 球墨铸铁， GJS               | 500-800                | 80                 | 60   | 0.09              | 0.15  | 0.18  | 0.2   | 0.22  | 0.25  |
|      | K2.3 | 球墨铸铁， GJS  | >800                    | 75                     | 55                 | 0.06 | 0.1               | 0.15  | 0.18  | 0.2   | 0.22  |       |

- 推荐的内冷切削液压力最小20bar
- 使用外冷加工，必要时降低每转进给以确保排屑顺畅

## 提供各种非标解决方案

### 非标定制范围

- 所有中间尺寸的钻头直径
- 所有中间长度的钻削深度
- 顶角 $120^{\circ}$ ~ $150^{\circ}$
- 孔径公差 $\geq IT8$
- 刃口处理，刀尖倒棱等钻尖形式的优化

## 定制

## MEMO

[illegible]

## MEMO

[illegible]