




| 型号 Type | 尺寸参数 Dimension(mm) | | | | | 推荐刃口 Standard Chamfer | 牌号 Grades | | | |
|---------------|--------------------|------------|------|----------|-----|--------------------------------------|-----------|--------|--------|-------|
| | L | ϕ I.C | S | ϕ d | r | | BN-H11 | BN-H20 | BN-K20 | BNK30 |
| CNGA120404-4S | 12.9 | 12.7 | 4.76 | 5.16 | 0.4 | S01015 S01020 S01025 S02020 | ● | ● | ● | ● |
| CNGA120408-4S | 12.9 | 12.7 | 4.76 | 5.16 | 0.8 | | ● | ● | ● | ● |
| CNGA120412-4S | 12.9 | 12.7 | 4.76 | 5.16 | 1.2 | | ● | ● | ● | ● |
| CNGA120416-4S | 12.9 | 12.7 | 4.76 | 5.16 | 1.6 | | ● | ● | ● | ● |
| CNGA160404-4S | 16.1 | 15.875 | 4.76 | 6.35 | 0.4 | | ○ | ○ | ○ | ○ |
| CNGA160408-4S | 16.1 | 15.875 | 4.76 | 6.35 | 0.8 | | ○ | ○ | ○ | ○ |
| CNGA160412-4S | 16.1 | 15.875 | 4.76 | 6.35 | 1.2 | | ○ | ○ | ○ | ○ |




| 型号 Type | 尺寸参数 Dimension(mm) | | | | | 推荐刃口 Standard Chamfer | 牌号 Grades | | | |
|---------------|--------------------|------------|------|----------|-----|--------------------------------------|-----------|--------|--------|-------|
| | L | ϕ I.C | S | ϕ d | r | | BN-H11 | BN-H20 | BN-K20 | BNK30 |
| TNGA160404-6S | 16.5 | 9.525 | 4.76 | 3.81 | 0.4 | S01015 S01020 S01025 S02020 | ● | ● | ● | ● |
| TNGA160408-6S | 16.5 | 9.525 | 4.76 | 3.81 | 0.8 | | ● | ● | ● | ● |
| TNGA160412-6S | 16.5 | 9.525 | 4.76 | 3.81 | 1.2 | | ● | ● | ● | ● |




| 型号 Type | 尺寸参数 Dimension(mm) | | | | | 推荐刃口 Standard Chamfer | 牌号 Grades | | | |
|---------------|--------------------|------------|------|----------|-----|--------------------------------------|-----------|--------|--------|-------|
| | L | ϕ I.C | S | ϕ d | r | | BN-H11 | BN-H20 | BN-K20 | BNK30 |
| DNGA150404-4S | 15.5 | 12.7 | 4.76 | 5.16 | 0.4 | S01015 S01020 S01025 S02020 | ● | ● | ● | ● |
| DNGA150408-4S | 15.5 | 12.7 | 4.76 | 5.16 | 0.8 | | ● | ● | ● | ● |
| DNGA150412-4S | 15.5 | 12.7 | 4.76 | 5.16 | 1.2 | | ● | ● | ● | ● |
| DNGA150604-4S | 15.5 | 12.7 | 6.35 | 5.16 | 0.4 | | ● | ● | ● | ● |
| DNGA150608-4S | 15.5 | 12.7 | 6.35 | 5.16 | 0.8 | | ● | ● | ● | ● |
| DNGA150612-4S | 15.5 | 12.7 | 6.35 | 5.16 | 1.2 | | ● | ● | ● | ● |




| 型号 Type | 尺寸参数 Dimension(mm) | | | | | 推荐刃口 Standard Chamfer | 牌号 Grades | | | |
|---------------|--------------------|------------|------|----------|-----|--------------------------------------|-----------|--------|--------|-------|
| | L | ϕ I.C | S | ϕ d | r | | BN-H11 | BN-H20 | BN-K20 | BNK30 |
| WNGA080404-6S | 8.7 | 12.7 | 4.76 | 5.16 | 0.4 | S01015 S01020 S01025 S02020 | ● | ● | ● | ● |
| WNGA080408-6S | 8.7 | 12.7 | 4.76 | 5.16 | 0.8 | | ● | ● | ● | ● |
| WNGA080412-6S | 8.7 | 12.7 | 4.76 | 5.16 | 1.2 | | ● | ● | ● | ● |




| 型号 Type | 尺寸参数 Dimension(mm) | | | | | 推荐刃口 Standard Chamfer | 牌号 Grades | | | |
|---------------|--------------------|------------|------|----------|-----|--------------------------------------|-----------|--------|--------|-------|
| | L | ϕ I.C | S | ϕ d | r | | BN-H11 | BN-H20 | BN-K20 | BNK30 |
| VNGA160404-4S | 16.6 | 9.525 | 4.76 | 3.81 | 0.4 | S01015 S01020 S01025 S02020 | ● | ● | ● | ● |
| VNGA160408-4S | 16.6 | 9.525 | 4.76 | 3.81 | 0.8 | | ● | ● | ● | ● |
| VNGA160412-4S | 16.6 | 9.525 | 4.76 | 3.81 | 1.2 | | ● | ● | ● | ● |




| 型号 Type | 尺寸参数 Dimension(mm) | | | | | 推荐刃口 Standard Chamfer | 牌号 Grades | | | |
|---------------|--------------------|------------|------|----------|-----|--------------------------------------|-----------|--------|--------|-------|
| | L | ϕ I.C | S | ϕ d | r | | BN-H11 | BN-H20 | BN-K20 | BNK30 |
| CCGW09T304-2S | 9.7 | 9.525 | 3.97 | 4.4 | 0.4 | S01015 S01020 S01025 S02020 | ● | ● | ● | ● |
| CCGW09T308-2S | 9.7 | 9.525 | 3.97 | 4.4 | 0.8 | | ● | ● | ● | ● |
| CCGW09T312-2S | 9.7 | 9.525 | 3.97 | 4.4 | 1.2 | | ● | ● | ● | ● |
| CCGW120404-2S | 12.9 | 12.7 | 4.76 | 5.5 | 0.4 | | ● | ● | ● | ● |
| CCGW120408-2S | 12.9 | 12.7 | 4.76 | 5.5 | 0.8 | | ● | ● | ● | ● |
| CCGW120412-2S | 12.9 | 12.7 | 4.76 | 5.5 | 1.2 | | ● | ● | ● | ● |




| 型号 Type | 尺寸参数 Dimension(mm) | | | | | 推荐刃口 Standard Chamfer | 牌号 Grades | | | |
|---------------|--------------------|------------|------|----------|-----|--------------------------------------|-----------|--------|--------|-------|
| | L | ϕ I.C | S | ϕ d | r | | BN-H11 | BN-H20 | BN-K20 | BNK30 |
| SNGA120404-8S | 12.7 | 12.7 | 4.76 | 5.16 | 0.4 | S01015 S01020 S01025 S02020 | ● | ● | ● | ● |
| SNGA120408-8S | 12.7 | 12.7 | 4.76 | 5.16 | 0.8 | | ● | ● | ● | ● |
| SNGA120412-8S | 12.7 | 12.7 | 4.76 | 5.16 | 1.2 | | ● | ● | ● | ● |




| 型号 Type | 尺寸参数 Dimension(mm) | | | | | 推荐刃口 Standard Chamfer | 牌号 Grades | | | |
|---------------|--------------------|-------|------|-----|-----|--------------------------------------|-----------|--------|--------|-------|
| | L | φ I.C | S | φ d | r | | BN-H11 | BN-H20 | BN-K20 | BNK30 |
| VCGW160404-2S | 16.6 | 9.525 | 4.76 | 4.4 | 0.4 | S01015 S01020 S01025 S02020 | ● | ● | ● | ● |
| VCGW160408-2S | 16.6 | 9.525 | 4.76 | 4.4 | 0.8 | | ● | ● | ● | ● |
| VCGW160412-2S | 16.6 | 9.525 | 4.76 | 4.4 | 1.2 | | ● | ● | ● | ● |



| 型号 Type | 尺寸参数 Dimension (mm) | | | | | 推荐刃口 Standard Chamfer | 牌号 Grades | | | | | | |
|---------------|-----------------------|-------|------|------|-----|--|-----------|-----|-----|-----|---------|---------|---------|
| | L | φ I.C | S | φ d | r | | H05 | H10 | H21 | K10 | H05 C25 | H10 C25 | H21 C25 |
| CNGA120404-2S | 12.9 | 12.7 | 4.76 | 5.16 | 0.4 | S01015 S01020 S01025 S02020 S02025 | ● | ● | ● | ● | ○ | ● | ○ |
| CNGA120408-2S | 12.9 | 12.7 | 4.76 | 5.16 | 0.8 | | ● | ● | ● | ● | ○ | ● | ○ |
| CNGA120412-2S | 12.9 | 12.7 | 4.76 | 5.16 | 1.2 | | ● | ● | ● | ● | ○ | ● | ○ |
| CNGA120416-2S | 12.9 | 12.7 | 4.76 | 5.16 | 1.6 | | ● | ● | ● | ● | ○ | ● | ○ |



| 型号 Type | 尺寸参数 Dimension(mm) | | | | | 推荐刃口 Standard Chamfer | 牌号 Grades | | | |
|---------------|--------------------|-------|------|-----|-----|--------------------------------------|-----------|--------|--------|-------|
| | L | φ I.C | S | φ d | r | | BN-H11 | BN-H20 | BN-K20 | BNK30 |
| TCGW110304-3S | 11 | 6.35 | 3.18 | 2.8 | 0.4 | S01015 S01020 S01025 S02020 | ● | ● | ● | ● |
| TCGW110308-3S | 11 | 6.35 | 3.18 | 2.8 | 0.8 | | ● | ● | ● | ● |
| TCGW110312-3S | 11 | 6.35 | 3.18 | 2.8 | 1.2 | | ● | ● | ● | ● |




| 型号 Type | 尺寸参数 Dimension (mm) | | | | | 推荐刃口 Standard Chamfer | 牌号 Grades | | | | | | |
|---------------|-----------------------|-------|------|------|-----|--|-----------|-----|-----|-----|---------|---------|---------|
| | L | φ I.C | S | φ d | r | | H05 | H10 | H21 | K10 | H05 C25 | H10 C25 | H21 C25 |
| CNGA120404-4S | 12.9 | 12.7 | 4.76 | 5.16 | 0.4 | S01015 S01020 S01025 S02020 S02025 | ○ | ○ | ○ | ○ | ● | ● | ● |
| CNGA120408-4S | 12.9 | 12.7 | 4.76 | 5.16 | 0.8 | | ○ | ○ | ○ | ○ | ● | ● | ● |
| CNGA120412-4S | 12.9 | 12.7 | 4.76 | 5.16 | 1.2 | | ○ | ○ | ○ | ○ | ● | ● | ● |
| CNGA120416-4S | 12.9 | 12.7 | 4.76 | 5.16 | 1.6 | | ○ | ○ | ○ | ○ | ● | ● | ● |

●表示推荐选择 Priority choice

○表示可选 Optional

备注：刃口形式可根据客户需求定制

Note: Chamfer can be customized.



| 型号 Type | 尺寸参数 Dimension (mm) | | | | | 推荐刃口 Standard Chamfer | 牌号 Grades | | | | | | |
|---------------|-----------------------|-------|------|------|-----|--|-----------|-----|-----|-----|---------|---------|---------|
| | L | φ I.C | S | φ d | r | | H05 | H10 | H21 | K10 | H05 C25 | H10 C25 | H21 C25 |
| TNGA160402-3S | 16.5 | 9.525 | 4.76 | 3.81 | 0.2 | S01015 S01020 S01025 S02020 S02025 | ● | ● | ● | ● | ○ | ● | ○ |
| TNGA160404-3S | 16.5 | 9.525 | 4.76 | 3.81 | 0.4 | | ● | ● | ● | ● | ○ | ● | ○ |
| TNGA160408-3S | 16.5 | 9.525 | 4.76 | 3.81 | 0.8 | | ● | ● | ● | ● | ○ | ● | ○ |
| TNGA160412-3S | 16.5 | 9.525 | 4.76 | 3.81 | 1.2 | | ● | ● | ● | ● | ○ | ● | ○ |