

| Description            | Cut | similar<br>DIN 8033 | d <sub>1</sub><br>mm | l <sub>2</sub><br>mm | d <sub>2</sub><br>mm | l <sub>1</sub><br>mm | α   | Product-Number | recommended for | New burrs |
|------------------------|-----|---------------------|----------------------|----------------------|----------------------|----------------------|-----|----------------|-----------------|-----------|
|                        |     |                     |                      |                      |                      |                      |     |                |                 |           |
| HFH 0307.03            | Z3  | SKM 0307            | 3                    | 7                    | 3                    | 40                   | 22° | A10050307303   | ① ② ③ ④ ⑦       | ■         |
| HFH 0307.03            | Z5  | SKM 0307            | 3                    | 7                    | 3                    | 40                   | 22° | A10050307305   | ① ② ③ ④ ⑦       | ■         |
| HFH 0307.03            | Z7  | SKM 0307            | 3                    | 7                    | 3                    | 40                   | 22° | A10050307308   | ① ② ③ ④ ⑦       | ■         |
| HFH 0311.03            | Z5  | SKM 0311            | 3                    | 11                   | 3                    | 40                   | 14° | A10050311305   | ① ② ③ ④ ⑦       | ■         |
| HFH 0311.03            | Z7  | SKM 0311            | 3                    | 11                   | 3                    | 40                   | 14° | A10050311308   | ① ② ③ ④ ⑦       | ■         |
| HFH 0613.03            | Z5  | SKM 0613            | 6                    | 13                   | 3                    | 43                   | 25° | A10050613305   | ① ② ③ ④ ⑦       | ■ Ⓢ       |
| HFH 0613.03            | Z7  | SKM 0613            | 6                    | 13                   | 3                    | 43                   | 25° | A10050613308   | ① ② ③ ④ ⑦       | ■ Ⓢ       |
| HFH 0618.06            | Z3  | SKM 0618            | 6                    | 18                   | 6                    | 50                   | 16° | A10050618603   | ① ② ③ ④ ⑦       | ■ Ⓢ       |
| HFH 0618.06            | Z4  | SKM 0618            | 6                    | 18                   | 6                    | 50                   | 16° | A10050618604   | ① ② ③ ④ ⑦ ⑩     | ■ Ⓢ       |
| HFH 0618.06            | Z5  | SKM 0618            | 6                    | 18                   | 6                    | 50                   | 16° | A10050618605   | ① ② ③ ④ ⑦       | ■ Ⓢ       |
| HFH 0618.06            | Z7  | SKM 0618            | 6                    | 18                   | 6                    | 50                   | 16° | A10050618608   | ① ② ③ ④ ⑦       | ■ Ⓢ       |
| HFH 0820.06            | Z3  | ---                 | 8                    | 20                   | 6                    | 60                   | 21° | A10050820603   | ① ② ③ ④ ⑦       | ■ Ⓢ       |
| HFH 0820.06            | Z7  | ---                 | 8                    | 20                   | 6                    | 60                   | 21° | A10050820608   | ① ② ③ ④ ⑦       | ■ Ⓢ       |
| HFH 1020.06            | Z3  | SKM 1020            | 10                   | 20                   | 6                    | 60                   | 27° | A10051020603   | ① ② ③ ④ ⑦       | ■ Ⓢ       |
| HFH 1020.06            | Z4  | SKM 1020            | 10                   | 20                   | 6                    | 60                   | 27° | A10051020604   | ① ② ③ ④ ⑦ ⑩     | ■ Ⓢ       |
| HFH 1020.06            | Z7  | SKM 1020            | 10                   | 20                   | 6                    | 60                   | 27° | A10051020608   | ① ② ③ ④ ⑦       | ■ Ⓢ       |
| HFH 1020.08            | Z3  | ---                 | 10                   | 20                   | 8                    | 60                   | 27° | A10051020803   | ① ② ③ ④ ⑦       | ■ Ⓢ       |
| <b>NEW</b> HFH 1225.06 | Z1  | SKM 1225            | 12                   | 25                   | 6                    | 65                   | 26° | A10051225601   | ① ② ③ ④ ⑦ ⑩     | ■ Ⓢ       |
| HFH 1225.06            | Z3  | SKM 1225            | 12                   | 25                   | 6                    | 65                   | 26° | A10051225603   | ① ② ③ ④ ⑦       | ■ Ⓢ       |
| HFH 1225.06            | Z4  | SKM 1225            | 12                   | 25                   | 6                    | 65                   | 26° | A10051225604   | ① ② ③ ④ ⑦ ⑩     | ■ Ⓢ       |
| HFH 1225.06            | Z7  | SKM 1225            | 12                   | 25                   | 6                    | 65                   | 26° | A10051225608   | ① ② ③ ④ ⑦       | ■ Ⓢ       |
| HFH 1225.08            | Z3  | SKM 1225            | 12                   | 25                   | 8                    | 65                   | 26° | A10051225803   | ① ② ③ ④ ⑦       | ■ Ⓢ       |



### Shape M, Conical Pointed nose BASE-X

Ordering example: A10050311322



Packing unit:  
10 pcs. per type,  
from Ø 12 mm: 5 pcs. per type

| Description                   | Cut | similar<br>DIN 8033 | d <sub>1</sub><br>mm | l <sub>2</sub><br>mm | d <sub>2</sub><br>mm | l <sub>1</sub><br>mm | α   | Product-Number | recommended for | New burrs |
|-------------------------------|-----|---------------------|----------------------|----------------------|----------------------|----------------------|-----|----------------|-----------------|-----------|
|                               |     |                     |                      |                      |                      |                      |     |                |                 |           |
| <b>NEW</b> HFH 0311.03 BASE-X | ZX  | SKM 0311            | 3                    | 11                   | 3                    | 40                   | 14° | A10050311322   | ① ② ③ ④ ⑦ ⑩     | ■         |
| <b>NEW</b> HFH 0618.06 BASE-X | ZX  | SKM 0618            | 6                    | 18                   | 6                    | 50                   | 16° | A10050618622   | ① ② ③ ④ ⑦       | ■         |
| <b>NEW</b> HFH 1020.06 BASE-X | ZX  | SKM 1020            | 10                   | 20                   | 6                    | 60                   | 27° | A10051020622   | ① ② ③ ④ ⑦       | ■         |
| <b>NEW</b> HFH 1225.06 BASE-X | ZX  | SKM 1225            | 12                   | 25                   | 6                    | 65                   | 26° | A10051225622   | ① ② ③ ④ ⑦       | ■         |



Find (1/1)

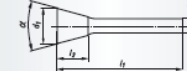
Previous Next

| Description | Cut | similar<br>DIN 8033 | d <sub>1</sub><br>mm | l <sub>2</sub><br>mm | d <sub>2</sub><br>mm | l <sub>1</sub><br>mm | α   | Product-Number | recommended for | New burrs |
|-------------|-----|---------------------|----------------------|----------------------|----------------------|----------------------|-----|----------------|-----------------|-----------|
|             |     |                     |                      |                      |                      |                      |     |                |                 |           |
| HFH 0307.03 | Z5  | WKN 0307            | 3                    | 7                    | 3                    | 40                   | 10° | A10120307305   | ① ② ③ ④ ⑦       | ■         |
| HFH 0307.03 | Z7  | WKN 0307            | 3                    | 7                    | 3                    | 40                   | 10° | A10120307308   | ① ② ③ ④ ⑦       | ■         |
| HFH 0607.03 | Z5  | WKN 0607            | 6                    | 7                    | 3                    | 37                   | 10° | A10120607305   | ① ② ③ ④ ⑦       | ■ Ⓢ       |
| HFH 0607.06 | Z3  | WKN 0607            | 6                    | 7                    | 6                    | 50                   | 10° | A10120607603   | ① ② ③ ④ ⑦       | ■ Ⓢ       |
| HFH 0607.06 | Z4  | WKN 0607            | 6                    | 7                    | 6                    | 50                   | 10° | A10120607604   | ① ② ③ ④ ⑦ ⑩     | ■ Ⓢ       |
| HFH 0607.06 | Z5  | WKN 0607            | 6                    | 7                    | 6                    | 50                   | 10° | A10120607605   | ① ② ③ ④ ⑦       | ■ Ⓢ       |
| HFH 1013.06 | Z3  | WKN 1013            | 10                   | 13                   | 6                    | 53                   | 10° | A10121013603   | ① ② ③ ④ ⑦       | ■ Ⓢ       |
| HFH 1013.06 | Z4  | WKN 1013            | 10                   | 13                   | 6                    | 53                   | 10° | A10121013604   | ① ② ③ ④ ⑦ ⑩     | ■ Ⓢ       |
| HFH 1213.06 | Z3  | WKN 1213            | 12                   | 13                   | 6                    | 53                   | 20° | A10121213603   | ① ② ③ ④ ⑦       | ■ Ⓢ       |
| HFH 1213.06 | Z4  | WKN 1213            | 12                   | 13                   | 6                    | 53                   | 20° | A10121213604   | ① ② ③ ④ ⑦ ⑩     | ■ Ⓢ       |
| HFH 1613.08 | Z3  | WKN 1613            | 16                   | 13                   | 8                    | 53                   | 20° | A10121613803   | ① ② ③ ④ ⑦       | ■ Ⓢ       |
| HFH 2013.06 | Z4  | ---                 | 20                   | 13                   | 6                    | 53                   | 30° | A10122013604   | ① ② ③ ④ ⑦ ⑩     | ■ Ⓢ       |



### Shape N, Inverted cone with end-cut

Ordering example: A101203073050001



Packing unit:  
1 pc. per type  
Further dimensions, cuts and shank  
lengths on request.  
Ⓢ *ragrind service, please enquire*

| Description  | Cut | similar<br>DIN 8033 | d <sub>1</sub><br>mm | l <sub>2</sub><br>mm | d <sub>2</sub><br>mm | l <sub>1</sub><br>mm | α   | Product-Number   | recommended for | New burrs |
|--------------|-----|---------------------|----------------------|----------------------|----------------------|----------------------|-----|------------------|-----------------|-----------|
|              |     |                     |                      |                      |                      |                      |     |                  |                 |           |
| HFNS 0307.03 | Z5  | WKN-S 0307          | 3                    | 7                    | 3                    | 40                   | 10° | A101203073050001 | ① ② ③ ④ ⑦       | ■         |
| HFNS 0307.03 | Z7  | WKN-S 0307          | 3                    | 7                    | 3                    | 40                   | 10° | A101203073080001 | ① ② ③ ④ ⑦       | ■         |
| HFNS 0607.03 | Z5  | WKN-S 0607          | 6                    | 7                    | 3                    | 37                   | 10° | A101206073050001 | ① ② ③ ④ ⑦       | ■ Ⓢ       |
| HFNS 1013.06 | Z3  | WKN-S 1013          | 10                   | 13                   | 6                    | 53                   | 10° | A101210136030001 | ① ② ③ ④ ⑦       | ■ Ⓢ       |
| HFNS 1013.06 | Z4  | WKN-S 1013          | 10                   | 13                   | 6                    | 53                   | 10° | A101210136040001 | ① ② ③ ④ ⑦ ⑩     | ■ Ⓢ       |
| HFNS 1213.06 | Z3  | WKN-S 1213          | 12                   | 13                   | 6                    | 53                   | 20° | A101212136030001 | ① ② ③ ④ ⑦       | ■ Ⓢ       |
| HFNS 1213.06 | Z4  | WKN-S 1213          | 12                   | 13                   | 6                    | 53                   | 20° | A101212136040001 | ① ② ③ ④ ⑦ ⑩     | ■ Ⓢ       |
| HFNS 1613.06 | Z4  | WKN-S 1613          | 16                   | 13                   | 6                    | 53                   | 20° | A101216136040001 | ① ② ③ ④ ⑦ ⑩     | ■ Ⓢ       |
| HFNS 1613.08 | Z3  | WKN-S 1613          | 16                   | 13                   | 8                    | 53                   | 20° | A101216138030001 | ① ② ③ ④ ⑦       | ■ Ⓢ       |

