

| | | | | | |
|--|----------------|--|--------------------------|----------------|--|
| | MSD | Shank diameter D T tolerance | M H | D dimension | TYPE |
| | | Dn5 | SKH51 61 ~ 64HRC | D3 ~ 5 | MSD |
| | | | SKD11 60 ~ 63HRC | D6 ~ 56 | |
| | | SKD11 60 ~ 63HRC | | D8 ~ 56 | D SDD R SDR E SDE G SDG |

| Hole shape | Hole shape | Hole shape | Hole shape | Hole shape |
|---|--|--|----------------|----------------|
| A | D | R | E | G |
| | | | | |
| $\text{P} \geq W$ $K = \sqrt{P^2 + W^2}$ | $\text{P} \geq W$ $K = \sqrt{(P-2R)^2 + (W-2R)^2} + 2R$ | $\text{P} \geq W$ $0.15 \leq R < \frac{W}{2}$ | $\text{P} > W$ | $\text{P} > W$ |

| Dm5 | Catalog No. | | L | 0.01mm increments | | | R | b | d | | | |
|-----|---|-------------|---|-------------------|----------------------------|-------------|--------------------------------------|------|------|--------------------------------------|------|-----|
| | TYPE | D | | A | D | E | | | | G | | |
| | | | | min. P max. | P-Kmax. | P-Wmin. | | | | | | |
| 3 | A MSD D3 ~ 5 (SKH 51) | 3 | 16 20 | 0.30 ~ 1.00 | — | — | — | 2 | 2.0 | | | |
| 4 | | | 16 20 22 25 28 30 | 0.50 ~ 2.00 | — | — | | | 2.4 | | | |
| 5 | | | 16 20 22 25 28 30 | 0.50 ~ 2.50 | — | — | | 2.9 | | | | |
| 6 | | | 16 20 22 25 28 30 32 35 | 1.00 ~ 3.00 | — | — | | 3.4 | | | | |
| 8 | | | 16 20 22 25 28 30 32 35 | 1.00 ~ 4.00 | 4.0 | 1.0 | | 4.4 | | | | |
| 10 | | | D SDD R SDR E SDE G SDG (SKD11) | 10 | 16 20 22 25 28 30 32 35 40 | 2.00 ~ 6.00 | | 6.0 | 1.2 | $0.15 \leq R < \frac{W}{2}$ (R only) | 6 | 6.4 |
| 13 | | | | | 16 20 22 25 28 30 32 35 40 | 3.00 ~ 8.00 | | 8.0 | 1.5 | | 8.4 | |
| 16 | | | | | 16 20 22 25 28 30 32 35 40 | 5.00 ~ 10.0 | | 10.0 | 2.0 | | 10.6 | |
| 20 | | | | | 16 20 22 25 28 30 32 35 40 | 7.00 ~ 12.0 | | 12.0 | 3.0 | | 12.6 | |
| 22 | | | | | 16 20 22 25 28 30 32 35 40 | 8.00 ~ 14.0 | | 14.0 | 3.0 | | 14.6 | |
| 25 | 16 20 22 25 28 30 32 35 40 | 10.0 ~ 16.0 | | | 16.0 | 3.0 | 16.6 | | | | | |
| 32 | A MSD D SDD R SDR E SDE G SDG (SKD11) | 32 | 16 20 22 25 28 30 32 35 | 15.0 ~ 20.0 | 20.0 | 4.0 | $0.15 \leq R < \frac{W}{2}$ (R only) | 8 | 20.6 | | | |
| 38 | | | 16 20 22 25 30 35 | 19.0 ~ 26.0 | 26.0 | 5.0 | | 26.6 | | | | |
| 45 | | | 20 22 25 30 35 | 25.0 ~ 35.0 | 35.0 | 6.0 | | 36.0 | | | | |
| 50 | | | 20 22 25 30 35 | 33.0 ~ 40.0 | 40.0 | 7.0 | | 41.0 | | | | |
| 56 | | | 20 22 25 30 35 | 38.0 ~ 45.0 | 45.0 | 8.0 | | 46.0 | | | | |



Order Example

| TYPE | D | L | P | W | R (R only) |
|------|-------|-------|---------|---|------------|
| MSD | - D13 | - L30 | - P7.00 | | |