

HYBRID SHRINK FIT HOLDER

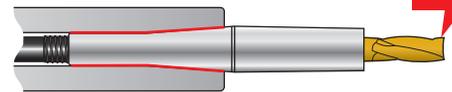
ハイブリッド・シュリンクフィットホルダ

NEW

ハイブリッド・シュリンクフィットホルダ

複合構造により、切削時の振動が適度に吸収されます。

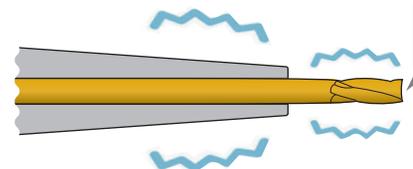
安定



一体型焼きばめホルダ

無垢の金属塊なので、切削時の振動が吸収されません。

ビビる



アフターバランス調整も可能



調整スクリュー
(別売)

※セット型式：MMSF-Bは、調整スクリューによりプリバランスをとっています。

G2.5 30,000min⁻¹

ハイブリッド シュリンクフィット ホルダ

高速・高精度・重切削加工の究極のソリューション誕生

高精度・高剛性
焼きばめホルダ

ミニミニ
マスターチャック

+

VMK-SF

MMC-ATB

MMSF-B

VMK-SF焼きばめホルダを
レンチ1本の簡単操作で
強力把握

NIKKEN 株式会社 日研工作所

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TEL (072) 869-5810 (代表) FAX (072) 869-6210

日研工作所

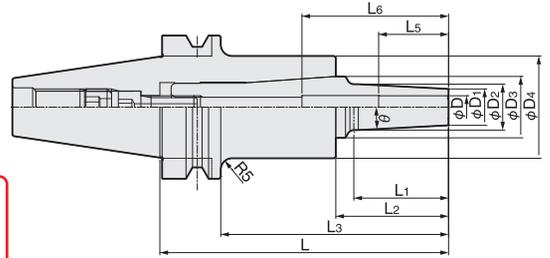
検索

日研 NBT ハイブリッド・シュリンクフィットホルダ **NIKKEN**



MMSF-B

※セット型式：MMSF-B は、調整
スクリューによりプリバランス
をとっています。
G2.5 30,000min⁻¹



標準タイプ

| テーパ | Code No. | φD | φD1 | φD2 | φD3 | φD4 | φD5 | θ | L | L1 | L2 | L3 | L4 | L5 | L6 | 重量 (kg) |
|---------------|--------------------|--------------------|-----|------|------|-----|-----|----|-----|------|-----|-----|----|----|----|---------|
| NBT40 | NBT40-MMSF 3S-128B | 3 | 6 | 10.2 | | | | | | | | | | 10 | | 1.7 |
| | -MMSF 4S-128B | 4 | 7 | 11.2 | | | | | | | | | | 13 | | |
| | -MMSF 6S-128B | 6 | 9 | 13.2 | | | | | 128 | 42 | 50 | 101 | | 19 | | |
| | -MMSF 8S-128B | 8 | 13 | 17.2 | | | | | | | | | | 25 | | |
| | -MMSF10S-128B | | | 20.2 | | | | | | | | | | | | |
| | -158B | 10 | 16 | 23.4 | | | | | 158 | 72 | 80 | 131 | | | 65 | |
| | -188B | | | 27 | 27 | 45 | - | 3° | 188 | 105 | 110 | 161 | - | 31 | | |
| | -MMSF12S-128B | | | 23.2 | | | | | 128 | 42 | 50 | 101 | | | | |
| | -158B | 12 | 19 | | | | | | 158 | | 80 | 131 | | | | |
| | -188B | | | | | | | | 188 | 76.4 | 110 | 161 | | | | |
| | -MMSF16S-128B | | | 27 | | | | | 128 | | 50 | 101 | | | 50 | |
| | -158B | 16 | 24 | | | | | | 158 | 28.7 | 80 | 131 | | 33 | | |
| | -188B | | | | | | | | 188 | | 110 | 161 | | | | |
| | NBT50 | NBT50-MMSF 3S-128B | 3 | 6 | 10.2 | | | | | | | | | | 10 | |
| -MMSF 4S-128B | | 4 | 7 | 11.2 | | | | | | | | | | 13 | | |
| -MMSF 6S-128B | | 6 | 9 | 13.2 | | | | | 128 | 42 | 50 | 90 | | 19 | | |
| -MMSF 8S-128B | | 8 | 13 | 17.2 | | | | | | | | | | 25 | | |
| -MMSF10S-128B | | | | 20.2 | | | | | | | | | | | | |
| -158B | | 10 | 16 | 23.4 | | | | | 158 | 72 | 80 | 120 | | | 65 | |
| -188B | | | | 27 | 27 | 45 | - | 3° | 188 | 105 | 110 | 150 | - | 31 | | |
| -MMSF12S-128B | | | | 23.2 | | | | | 128 | 42 | 50 | 90 | | | | |
| -158B | | 12 | 19 | | | | | | 158 | | 80 | 120 | | | | |
| -188B | | | | | | | | | 188 | 76.4 | 110 | 150 | | | | |
| -MMSF16S-128B | | | | 27 | | | | | 128 | | 50 | 90 | | | 50 | |
| -158B | | 16 | 24 | | | | | | 158 | 28.7 | 80 | 120 | | 33 | | |
| -188B | | | | | | | | | 188 | | 110 | 150 | | | | |

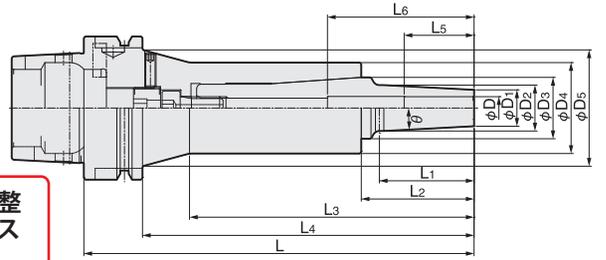
高剛性タイプ

| テーパ | Code No. | φD | φD1 | φD2 | φD3 | φD4 | φD5 | θ | L | L1 | L2 | L3 | L4 | L5 | L6 | 重量 (kg) |
|-------|--------------------|----|-----|------|-----|-----|-----|----|-----|------|-----|-----|----|----|----|---------|
| NBT40 | NBT40-MMSF10R-133B | | | 26.2 | | | | | | | | | | | | 2.0 |
| | -163B | 10 | 22 | 29.4 | | | | | 133 | 42 | 50 | 106 | | | 65 | 2.1 |
| | -193B | | | 32 | | | | | 163 | 72 | 80 | 136 | | | | 2.3 |
| | -MMSF12R-133B | | | 30.2 | | | | 3° | 193 | 95.4 | 110 | 166 | | 31 | | 2.0 |
| | -163B | 12 | 26 | | 32 | 50 | - | | 133 | 42 | 50 | 106 | | | | 2.2 |
| | -193B | | | | | | | | 163 | 57.3 | 80 | 136 | | | 80 | 2.4 |
| | -MMSF16R-133B | | | 32 | | | | | 193 | | 110 | 166 | | | | 2.1 |
| | -163B | 16 | 32 | | | | | - | 133 | 50 | 50 | 106 | | 33 | 50 | 2.2 |
| | -193B | | | | | | | | 163 | 80 | 80 | 136 | | | | 2.4 |
| NBT50 | NBT50-MMSF10R-133B | | | 26.2 | | | | | | | | | | | | 4.5 |
| | -163B | 10 | 22 | 29.4 | | | | | 133 | 42 | 50 | 95 | | | 65 | 4.6 |
| | -193B | | | 32 | | | | | 163 | 72 | 80 | 125 | | | | 4.8 |
| | -MMSF12R-133B | | | 30.2 | | | | 3° | 193 | 95.4 | 110 | 155 | | 31 | | 4.5 |
| | -163B | 12 | 26 | | 32 | 50 | - | | 133 | 42 | 50 | 95 | | | | 4.7 |
| | -193B | | | | | | | | 163 | 57.3 | 80 | 125 | | | 80 | 4.9 |
| | -MMSF16R-133B | | | 32 | | | | | 193 | | 110 | 155 | | | | 4.6 |
| | -163B | 16 | 32 | | | | | - | 133 | 50 | 50 | 95 | | 33 | 50 | 4.7 |
| | -193B | | | | | | | | 163 | 80 | 80 | 125 | | | | 4.9 |

日研 HSK ハイブリッド・シュリンクフィットホルダ **NIKKEN**



MMSF-B



※セット型式：MMSF-Bは、調整
スクリューによりプリバランス
をとっています。
62.5 30,000min⁻¹

標準タイプ

| テーパ | Code No. | φD | φD1 | φD2 | φD3 | φD4 | φD5 | θ | L | L1 | L2 | L3 | L4 | L5 | L6 | 重量 (kg) | |
|---------|----------------------|----|-----|------|-----|-----|------|-----|-----|------|-------|-------|-----|----|----|------------|-----|
| HSK63A | HSK 63A-MMSF 3S-173B | 3 | 6 | 10.2 | | | | | | | | | | 10 | | 1.7 | |
| | -MMSF 4S-173B | 4 | 7 | 11.2 | | | | | | | | | | 13 | | | |
| | -MMSF 6S-173B | 6 | 9 | 13.2 | | | | | 173 | 42 | 50 | 126 | 147 | 19 | | | |
| | -MMSF 8S-173B | 8 | 13 | 17.2 | | | | | | | | | | 25 | | | |
| | -MMSF10S-173B | | | 20.2 | | | | | | | | | | | | 65 | |
| | -203B | 10 | 16 | 23.4 | | | | | 203 | 72 | 80 | 156 | 177 | | | | |
| | -233B | | | 27 | 27 | 40 | 52.7 | 3° | 233 | 105 | 110 | 186 | 207 | | | 31 | 1.9 |
| | -MMSF12S-173B | | | 23.2 | | | | | 173 | 42 | 50 | 126 | 147 | | | | 50 |
| | -203B | 12 | 19 | | | | | | 203 | 76.4 | 80 | 156 | 177 | | | | |
| | -233B | | | | | | | | 233 | | 110 | 186 | 207 | | | | 1.9 |
| | -MMSF16S-173B | | | 27 | | | | | 173 | | 50 | 126 | 147 | | | | 50 |
| | -203B | 16 | 24 | | | | | | 203 | 28.7 | 80 | 156 | 177 | | | 33 | |
| -233B | | | | | | | | 233 | | 110 | 186 | 207 | | | | 2.0 | |
| HSK100A | HSK100A-MMSF 3S-180B | 3 | 6 | 10.2 | | | | | | | | | | 10 | | 3.1 | |
| | -MMSF 4S-180B | 4 | 7 | 11.2 | | | | | | | | | | 13 | | | |
| | -MMSF 6S-180B | 6 | 9 | 13.2 | | | | | 180 | 42 | 50 | 123.5 | 151 | | | | |
| | -MMSF 8S-180B | 8 | 13 | 17.2 | | | | | | | | | | 19 | | | |
| | -MMSF10S-180B | | | 20.2 | | | | | | | | | | | | 65 | |
| | -210B | 10 | 16 | 23.4 | | | | | 210 | 72 | 80 | 153.5 | 181 | | | | |
| | -240B | | | 27 | 27 | 40 | | 3° | 240 | 105 | 110 | 183.5 | 211 | | | 31 | 3.3 |
| | -MMSF12S-180B | | | 23.2 | | | | | 180 | 42 | 50 | 123.5 | 151 | | | | 50 |
| | -210B | 12 | 19 | | | | | | 210 | 76.4 | 80 | 153.5 | 181 | | | | |
| | -240B | | | | | | | | 240 | | 110 | 183.5 | 211 | | | | 3.3 |
| | -MMSF16S-180B | | | 27 | | | | | 180 | | 50 | 123.5 | 151 | | | | 50 |
| | -210B | 16 | 24 | | | | | | 210 | 28.7 | 80 | 153.5 | 181 | | | 33 | |
| -240B | | | | | | | | 240 | | 110 | 183.5 | 211 | | | | 3.4 | |

高剛性タイプ

| テーパ | Code No. | φD | φD1 | φD2 | φD3 | φD4 | φD5 | θ | L | L1 | L2 | L3 | L4 | L5 | L6 | 重量 (kg) |
|---------|----------------------|----|-----|------|-----|-----|------|----|-----|------|-----|-------|-----|----|----|------------|
| HSK63A | HSK 63A-MMSF10R-173B | | | 26.2 | | | | | | | | | | | | 65 |
| | -203B | 10 | 22 | 29.4 | | | | | 173 | 42 | 50 | 139 | 147 | | | |
| | -233B | | | 32 | | | | | 203 | 72 | 80 | 169 | 177 | | | |
| | -MMSF12R-173B | | | 30.2 | | | | | 173 | 42 | 50 | 139 | 147 | | | 80 |
| | -203B | 12 | 26 | | 32 | 47 | 52.9 | 3° | 203 | 57.3 | 80 | 169 | 177 | | | |
| | -233B | | | | | | | | 233 | | 110 | 199 | 207 | | | 2.5 |
| | -MMSF16R-173B | | | 32 | | | | | 173 | 50 | 50 | 139 | 147 | | | 50 |
| | -203B | 16 | 32 | | | | | | 203 | 80 | 80 | 169 | 177 | | | |
| | -233B | | | | | | | | 233 | 110 | 110 | 199 | 207 | | | |
| HSK100A | HSK100A-MMSF10R-180B | | | 26.2 | | | | | | | | | | | | 65 |
| | -210B | 10 | 22 | 29.4 | | | | | 180 | 42 | 50 | 133.5 | 151 | | | |
| | -240B | | | 32 | | | | | 210 | 72 | 80 | 163.5 | 181 | | | |
| | -MMSF12R-180B | | | 30.2 | | | | | 180 | 42 | 50 | 133.5 | 151 | | | 80 |
| | -210B | 12 | 26 | | 32 | 47 | 70.8 | 3° | 210 | 57.3 | 80 | 163.5 | 181 | | | |
| | -240B | | | | | | | | 240 | | 110 | 193.5 | 211 | | | 3.9 |
| | -MMSF16R-180B | | | 32 | | | | | 180 | 50 | 50 | 133.5 | 151 | | | 50 |
| | -210B | 16 | 32 | | | | | | 210 | 80 | 80 | 163.5 | 181 | | | |
| | -240B | | | | | | | | 240 | 110 | 110 | 193.5 | 211 | | | |