

MS SERİSİ MATKAP UCU

GENEL KULLANIM AMAÇLI



MS MATKAP UCU

YEKPARE KARBÜR MATKAP UCU SERİSİ

MS



Kaliteli takımlama için seçenek ve performans oranına göre süper fiyat. Modern metal kesme dünyasının ihtiyaçları için güvenilir karbür ve kaplama teknolojisinin çok yönlü bir kombinasyonu.

Onlarca yıl süren üretim bilgisi ile kesme problemlerine çözümlerimiz, kapsamlı ve daha uygun maliyetli takımlar sunmamıza olanak sağlamaktadır.



Mitsubishi
S Brand

Titizlik isteyen DIN 6537' standartlarına göre üretilen bu MS matkap ucu çeşitleri ile kalite ve güvenilirliğe olan bağlılığımız sürüyor.

ÖZELLİKLER

YEKPARE KARBÜR MATKAP UCU SERİSİ

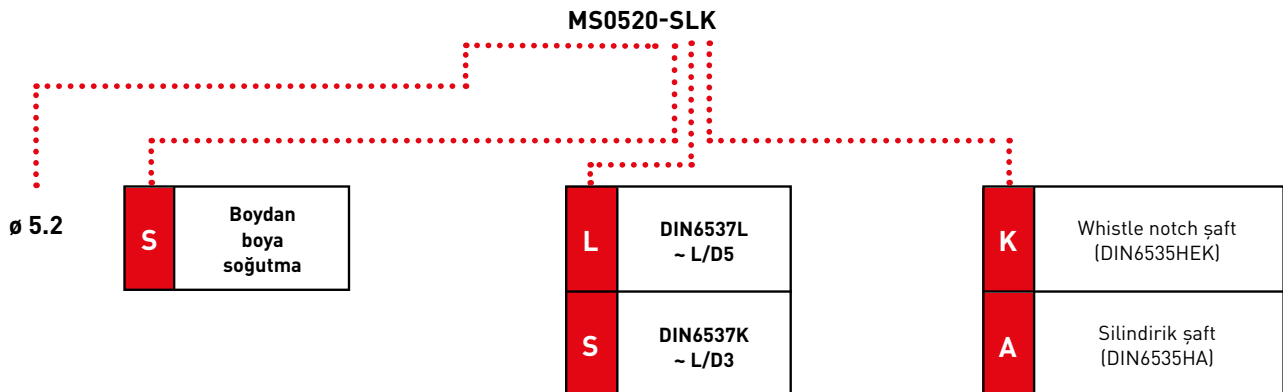


- İçten soğutma sıvı kanalı
- 3 x D ve 5 x D delme derinliği
- Sağlam kesme kenarı geometrisi
- Geniş aralıkta malzemeler için
- Whistle notch / silindirik şaft tipleri
- Süper mikro parçacıklı sinterlenmiş karbür
- Uzun takım ömrü için PVD kaplama



SİPARİŞ KOD TANIMI

MS○○○○○-S○○○ (içten soğutma)

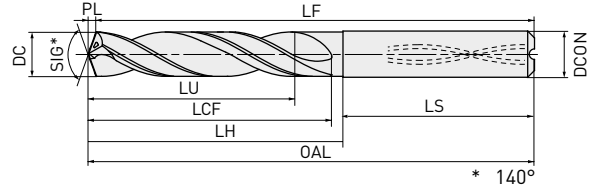


MS MATKAP UCU



SİLİNDİRİK

P M K



| DC≤3 | 3<DC≤6 | 6<DC≤10 | 10<DC≤14 |
|--------|--------|---------|----------|
| 0.016 | 0.016 | 0.021 | 0.025 |
| +0.004 | +0.004 | +0.006 | +0.007 |

| Sipariş Numarası | Stok | DC | L/D | LU | LCF | LH | OAL | LF | PL | LS | DCON |
|------------------|------|-----|-----|------|-----|----|-----|----|-----|----|------|
| MS0300-SSA | ● | 3.0 | 3 | 15 | 20 | 25 | 62 | 61 | 0.5 | 36 | 6 |
| MS0300-SLA | ● | | 5 | 23 | 28 | 29 | 66 | 65 | 0.5 | 36 | 6 |
| MS0310-SSA | ● | 3.1 | 3 | 14.9 | 20 | 25 | 62 | 61 | 0.6 | 36 | 6 |
| MS0310-SLA | ● | | 5 | 22.9 | 28 | 29 | 66 | 65 | 0.6 | 36 | 6 |
| MS0330-SSA | ● | 3.3 | 3 | 14.7 | 20 | 25 | 62 | 61 | 0.6 | 36 | 6 |
| MS0330-SLA | ● | | 5 | 22.7 | 28 | 29 | 66 | 65 | 0.6 | 36 | 6 |
| MS0340-SSA | ● | 3.4 | 3 | 14.5 | 20 | 25 | 62 | 61 | 0.6 | 36 | 6 |
| MS0340-SLA | ● | | 5 | 22.5 | 28 | 29 | 66 | 65 | 0.6 | 36 | 6 |
| MS0350-SSA | ● | 3.5 | 3 | 14.4 | 20 | 25 | 62 | 61 | 0.6 | 36 | 6 |
| MS0350-SLA | ● | | 5 | 22.4 | 28 | 29 | 66 | 65 | 0.6 | 36 | 6 |
| MS0370-SSA | ● | 3.7 | 3 | 14.1 | 20 | 25 | 62 | 61 | 0.7 | 36 | 6 |
| MS0370-SLA | ● | | 5 | 22.1 | 28 | 29 | 66 | 65 | 0.7 | 36 | 6 |
| MS0380-SSA | ● | 3.8 | 3 | 18 | 24 | 29 | 66 | 65 | 0.7 | 36 | 6 |
| MS0380-SLA | ● | | 5 | 30 | 36 | 37 | 74 | 73 | 0.7 | 36 | 6 |
| MS0390-SSA | ● | 3.9 | 3 | 17.9 | 24 | 29 | 66 | 65 | 0.7 | 36 | 6 |
| MS0390-SLA | ● | | 5 | 29.9 | 36 | 37 | 74 | 73 | 0.7 | 36 | 6 |
| MS0400-SSA | ● | 4.0 | 3 | 17.7 | 24 | 29 | 66 | 65 | 0.7 | 36 | 6 |
| MS0400-SLA | ● | | 5 | 29.7 | 36 | 37 | 74 | 73 | 0.7 | 36 | 6 |
| MS0410-SSA | ● | 4.1 | 3 | 17.6 | 24 | 29 | 66 | 65 | 0.7 | 36 | 6 |
| MS0410-SLA | ● | | 5 | 29.6 | 36 | 37 | 74 | 73 | 0.7 | 36 | 6 |
| MS0420-SSA | ● | 4.2 | 3 | 17.5 | 24 | 29 | 66 | 65 | 0.8 | 36 | 6 |
| MS0420-SLA | ● | | 5 | 29.5 | 36 | 37 | 74 | 73 | 0.8 | 36 | 6 |
| MS0430-SSA | ● | 4.3 | 3 | 17.3 | 24 | 29 | 66 | 65 | 0.8 | 36 | 6 |
| MS0430-SLA | ● | | 5 | 29.3 | 36 | 37 | 74 | 73 | 0.8 | 36 | 6 |
| MS0450-SSA | ● | 4.5 | 3 | 17.1 | 24 | 29 | 66 | 65 | 0.8 | 36 | 6 |
| MS0450-SLA | ● | | 5 | 29.1 | 36 | 37 | 74 | 73 | 0.8 | 36 | 6 |
| MS0460-SSA | ● | 4.6 | 3 | 16.9 | 24 | 29 | 66 | 65 | 0.8 | 36 | 6 |
| MS0460-SLA | ● | | 5 | 28.9 | 36 | 37 | 74 | 73 | 0.8 | 36 | 6 |
| MS0480-SSA | ● | 4.8 | 3 | 20.7 | 28 | 29 | 66 | 65 | 0.9 | 36 | 6 |
| MS0480-SLA | ● | | 5 | 36.7 | 44 | 45 | 74 | 81 | 0.9 | 36 | 6 |
| MS0500-SSA | ● | 5.0 | 3 | 20.4 | 30 | 29 | 66 | 65 | 0.9 | 36 | 6 |
| MS0500-SLA | ● | | 5 | 36.4 | 46 | 45 | 82 | 81 | 0.9 | 36 | 6 |

MS MATKAP UCU - SİLİNDİRİK

| Sipariş Numarası | Stok | DC | L/D | LU | LCF | LH | OAL | LF | PL | LS | DCON |
|------------------|------|-----|-----|------|-----|----|-----|-----|-----|----|------|
| MS0510-SSA | ● | 5.1 | 3 | 20.3 | 30 | 29 | 66 | 65 | 0.9 | 36 | 6 |
| MS0510-SLA | ● | | 5 | 36.3 | 46 | 45 | 82 | 81 | 0.9 | 36 | 6 |
| MS0520-SSA | ● | 5.2 | 3 | 20.1 | 30 | 29 | 66 | 65 | 0.9 | 36 | 6 |
| MS0520-SLA | ● | | 5 | 36.1 | 46 | 45 | 82 | 81 | 0.9 | 36 | 6 |
| MS0550-SSA | ● | 5.5 | 3 | 19.8 | 30 | 29 | 66 | 65 | 1 | 36 | 6 |
| MS0550-SLA | ● | | 5 | 35.8 | 46 | 45 | 82 | 81 | 1 | 36 | 6 |
| MS0560-SSA | ● | 5.6 | 3 | 19.6 | 30 | 29 | 66 | 65 | 1 | 36 | 6 |
| MS0560-SLA | ● | | 5 | 35.6 | 46 | 45 | 82 | 81 | 1 | 36 | 6 |
| MS0570-SSA | ● | 5.7 | 3 | 19.5 | 30 | 29 | 66 | 65 | 1 | 36 | 6 |
| MS0570-SLA | ● | | 5 | 35.5 | 46 | 45 | 82 | 81 | 1 | 36 | 6 |
| MS0580-SSA | ● | 5.8 | 3 | 19.4 | 30 | 29 | 66 | 65 | 1.1 | 36 | 6 |
| MS0580-SLA | ● | | 5 | 35.4 | 46 | 45 | 82 | 81 | 1.1 | 36 | 6 |
| MS0600-SSA | ● | 6.0 | 3 | 19.1 | 30 | 29 | 66 | 65 | 1.1 | 36 | 6 |
| MS0600-SLA | ● | | 5 | 35.1 | 46 | 45 | 82 | 81 | 1.1 | 36 | 6 |
| MS0610-SSA | ● | 6.1 | 3 | 25 | 34 | 42 | 79 | 78 | 1.1 | 36 | 8 |
| MS0610-SLA | ● | | 5 | 44 | 53 | 54 | 91 | 90 | 1.1 | 36 | 8 |
| MS0620-SSA | ● | 6.2 | 3 | 24.8 | 34 | 42 | 79 | 78 | 1.1 | 36 | 8 |
| MS0620-SLA | ● | | 5 | 43.8 | 53 | 54 | 91 | 90 | 1.1 | 36 | 8 |
| MS0650-SSA | ● | 6.5 | 3 | 24.4 | 34 | 42 | 79 | 78 | 1.2 | 36 | 8 |
| MS0650-SLA | ● | | 5 | 43.4 | 53 | 54 | 91 | 90 | 1.2 | 36 | 8 |
| MS0660-SSA | ● | 6.6 | 3 | 24.3 | 34 | 42 | 79 | 78 | 1.2 | 36 | 8 |
| MS0660-SLA | ● | | 5 | 43.3 | 53 | 54 | 91 | 90 | 1.2 | 36 | 8 |
| MS0680-SSA | ● | 6.8 | 3 | 24 | 34 | 42 | 79 | 78 | 1.2 | 36 | 8 |
| MS0680-SLA | ● | | 5 | 43 | 53 | 54 | 91 | 90 | 1.2 | 36 | 8 |
| MS0690-SSA | ● | 6.9 | 3 | 23.9 | 34 | 42 | 79 | 78 | 1.3 | 36 | 8 |
| MS0690-SLA | ● | | 5 | 42.9 | 53 | 54 | 91 | 90 | 1.3 | 36 | 8 |
| MS0700-SSA | ● | 7.0 | 3 | 23.8 | 34 | 42 | 79 | 78 | 1.3 | 36 | 8 |
| MS0700-SLA | ● | | 5 | 42.8 | 53 | 54 | 91 | 90 | 1.3 | 36 | 8 |
| MS0730-SSA | ● | 7.3 | 3 | 30.4 | 34 | 42 | 79 | 78 | 1.3 | 36 | 8 |
| MS0730-SLA | ● | | 5 | 42.4 | 53 | 54 | 91 | 90 | 1.3 | 36 | 8 |
| MS0740-SSA | ● | 7.4 | 3 | 30.2 | 41 | 42 | 79 | 78 | 1.3 | 36 | 8 |
| MS0740-SLA | ● | | 5 | 42.2 | 53 | 54 | 91 | 90 | 1.3 | 36 | 8 |
| MS0750-SSA | ● | 7.5 | 3 | 30.1 | 41 | 42 | 79 | 78 | 1.4 | 36 | 8 |
| MS0750-SLA | ● | | 5 | 42.1 | 53 | 54 | 91 | 90 | 1.4 | 36 | 8 |
| MS0780-SSA | ● | 7.8 | 3 | 29.7 | 41 | 42 | 79 | 78 | 1.4 | 36 | 8 |
| MS0780-SLA | ● | | 5 | 41.7 | 53 | 54 | 91 | 90 | 1.4 | 36 | 8 |
| MS0800-SSA | ● | 8.0 | 3 | 29.5 | 41 | 42 | 79 | 78 | 1.5 | 36 | 10 |
| MS0800-SLA | ● | | 5 | 41.5 | 53 | 54 | 91 | 90 | 1.5 | 36 | 10 |
| MS0830-SSA | ● | 8.3 | 3 | 34.1 | 47 | 48 | 89 | 87 | 1.5 | 40 | 10 |
| MS0830-SLA | ● | | 5 | 48.1 | 61 | 62 | 103 | 101 | 1.5 | 40 | 10 |
| MS0850-SSA | ● | 8.5 | 3 | 33.8 | 47 | 48 | 89 | 87 | 1.5 | 40 | 10 |
| MS0850-SLA | ● | | 5 | 47.8 | 61 | 62 | 103 | 101 | 1.5 | 40 | 10 |
| MS0860-SSA | ● | 8.6 | 3 | 33.7 | 47 | 48 | 89 | 87 | 1.6 | 40 | 10 |
| MS0860-SLA | ● | | 5 | 47.7 | 61 | 62 | 103 | 101 | 1.6 | 40 | 10 |
| MS0870-SSA | ● | 8.7 | 3 | 33.5 | 47 | 48 | 89 | 87 | 1.6 | 40 | 10 |
| MS0870-SLA | ● | | 5 | 47.5 | 61 | 62 | 103 | 101 | 1.6 | 40 | 10 |
| MS0880-SSA | ● | 8.8 | 3 | 33.4 | 47 | 48 | 89 | 87 | 1.6 | 40 | 10 |
| MS0880-SLA | ● | | 5 | 47.4 | 61 | 62 | 103 | 101 | 1.6 | 40 | 10 |
| MS0900-SSA | ● | 9.0 | 3 | 33.3 | 47 | 48 | 89 | 87 | 1.6 | 40 | 10 |
| MS0900-SLA | ● | | 5 | 47.3 | 61 | 62 | 103 | 101 | 1.6 | 40 | 10 |

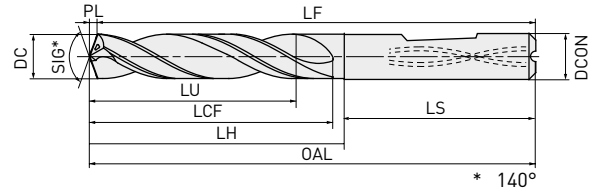
MS MATKAP UCU - SİLİNDİRİK

| Sipariş Numarası | Stok | DC | L/D | LU | LCF | LH | OAL | LF | PL | LS | DCON |
|------------------|------|------|-----|------|-----|----|-----|-----|-----|----|------|
| MS0930-SSA | ● | 9.3 | 3 | 33.1 | 47 | 48 | 89 | 87 | 1.6 | 40 | 10 |
| MS0930-SLA | ● | | 5 | 47.1 | 61 | 62 | 103 | 101 | 1.6 | 40 | 10 |
| MS0950-SSA | ● | 9.5 | 3 | 32.5 | 47 | 48 | 89 | 87 | 1.7 | 40 | 10 |
| MS0950-SLA | ● | | 5 | 46.5 | 61 | 62 | 103 | 101 | 1.7 | 40 | 10 |
| MS0980-SSA | ● | 9.8 | 3 | 32.1 | 47 | 48 | 89 | 87 | 1.8 | 40 | 10 |
| MS0980-SLA | ● | | 5 | 46.1 | 61 | 62 | 103 | 101 | 1.8 | 40 | 10 |
| MS1000-SSA | ● | 10.0 | 3 | 31.8 | 47 | 48 | 89 | 87 | 1.8 | 40 | 10 |
| MS1000-SLA | ● | | 5 | 45.8 | 61 | 62 | 103 | 101 | 1.8 | 40 | 10 |
| MS1020-SSA | ● | 10.2 | 3 | 39.6 | 55 | 56 | 102 | 100 | 1.9 | 45 | 12 |
| MS1020-SLA | ● | | 5 | 55.6 | 71 | 72 | 118 | 116 | 1.9 | 45 | 12 |
| MS1030-SSA | ● | 10.3 | 3 | 39.4 | 55 | 56 | 102 | 100 | 1.9 | 45 | 12 |
| MS1030-SLA | ● | | 5 | 55.4 | 71 | 72 | 118 | 116 | 1.9 | 45 | 12 |
| MS1040-SSA | ● | 10.4 | 3 | 39.3 | 55 | 56 | 102 | 100 | 1.9 | 45 | 12 |
| MS1040-SLA | ● | | 5 | 55.3 | 71 | 72 | 118 | 116 | 1.9 | 45 | 12 |
| MS1050-SSA | ● | 10.5 | 3 | 39.2 | 55 | 56 | 102 | 100 | 1.9 | 45 | 12 |
| MS1050-SLA | ● | | 5 | 55.2 | 71 | 72 | 118 | 116 | 1.9 | 45 | 12 |
| MS1070-SSA | ● | 10.7 | 3 | 38.9 | 55 | 56 | 102 | 100 | 1.9 | 45 | 12 |
| MS1070-SLA | ● | | 5 | 54.9 | 71 | 72 | 118 | 116 | 1.9 | 45 | 12 |
| MS1080-SSA | ● | 10.8 | 3 | 38.8 | 55 | 56 | 102 | 100 | 2 | 45 | 12 |
| MS1080-SLA | ● | | 5 | 54.8 | 71 | 72 | 118 | 116 | 2 | 45 | 12 |
| MS1100-SSA | ● | 11.0 | 3 | 38.5 | 55 | 56 | 102 | 100 | 2 | 45 | 12 |
| MS1100-SLA | ● | | 5 | 54.5 | 71 | 72 | 118 | 116 | 2 | 45 | 12 |
| MS1120-SSA | ● | 11.2 | 3 | 38.2 | 55 | 56 | 102 | 100 | 2 | 45 | 12 |
| MS1120-SLA | ● | | 5 | 54.2 | 71 | 72 | 118 | 116 | 2 | 45 | 12 |
| MS1140-SSA | ● | 11.4 | 3 | 38 | 55 | 56 | 102 | 100 | 2.1 | 45 | 12 |
| MS1140-SLA | ● | | 5 | 54 | 71 | 72 | 118 | 116 | 2.1 | 45 | 12 |
| MS1150-SSA | ● | 11.5 | 3 | 37.8 | 55 | 56 | 102 | 100 | 2.1 | 45 | 12 |
| MS1150-SLA | ● | | 5 | 53.8 | 71 | 72 | 118 | 116 | 2.1 | 45 | 12 |
| MS1170-SSA | ● | 11.7 | 3 | 37.6 | 55 | 56 | 102 | 100 | 2.1 | 45 | 12 |
| MS1170-SLA | ● | | 5 | 53.6 | 71 | 72 | 118 | 116 | 2.1 | 45 | 12 |
| MS1180-SSA | ● | 11.8 | 3 | 37.4 | 55 | 56 | 102 | 100 | 2.1 | 45 | 12 |
| MS1180-SLA | ● | | 5 | 53.4 | 71 | 72 | 118 | 116 | 2.1 | 45 | 12 |
| MS1200-SSA | ● | 12.0 | 3 | 37.2 | 55 | 56 | 102 | 100 | 2.2 | 45 | 12 |
| MS1200-SLA | ● | | 5 | 53.2 | 71 | 72 | 118 | 116 | 2.2 | 45 | 12 |
| MS1250-SSA | ● | 12.5 | 3 | 41.5 | 60 | 61 | 107 | 105 | 2.3 | 45 | 14 |
| MS1250-SLA | ● | | 5 | 58.5 | 77 | 78 | 124 | 122 | 2.3 | 45 | 14 |
| MS1260-SSA | ● | 12.6 | 3 | 41.4 | 60 | 61 | 107 | 105 | 2.3 | 45 | 14 |
| MS1260-SLA | ● | | 5 | 58.4 | 77 | 78 | 124 | 122 | 2.3 | 45 | 14 |
| MS1270-SSA | ● | 12.7 | 3 | 41.3 | 60 | 61 | 107 | 105 | 2.3 | 45 | 14 |
| MS1270-SLA | ● | | 5 | 58.3 | 77 | 78 | 124 | 122 | 2.3 | 45 | 14 |
| MS1300-SSA | ● | 13.0 | 3 | 40.9 | 60 | 61 | 107 | 105 | 2.4 | 45 | 14 |
| MS1300-SLA | ● | | 5 | 57.9 | 77 | 78 | 124 | 122 | 2.4 | 45 | 14 |
| MS1350-SSA | ● | 13.5 | 3 | 40.2 | 60 | 61 | 107 | 105 | 2.5 | 45 | 14 |
| MS1350-SLA | ● | | 5 | 57.2 | 77 | 78 | 124 | 122 | 2.5 | 45 | 14 |
| MS1370-SSA | ● | 13.7 | 3 | 39.9 | 60 | 61 | 107 | 105 | 2.5 | 45 | 14 |
| MS1370-SLA | ● | | 5 | 56.9 | 77 | 78 | 124 | 122 | 2.5 | 45 | 14 |
| MS1400-SSA | ● | 14.0 | 3 | 39.5 | 60 | 62 | 107 | 105 | 2.5 | 45 | 14 |
| MS1400-SLA | ● | | 5 | 56.5 | 77 | 79 | 124 | 122 | 2.5 | 45 | 14 |

MS MATKAP UCU



WHISTLE NOTCH



| DC ≤ 3 | 3 < DC ≤ 6 | 6 < DC ≤ 10 | 10 < DC ≤ 14 |
|--------|------------|-------------|--------------|
| 0.016 | 0.016 | 0.021 | 0.025 |
| +0.004 | +0.004 | +0.006 | +0.007 |

| Sipariş Numarası | Stok | DC | L/D | LU | LCF | LH | OAL | LF | PL | LS | DCON |
|------------------|------|-----|-----|------|-----|----|-----|----|-----|----|------|
| MS0300-SSK | ● | 3.0 | 3 | 15 | 20 | 25 | 62 | 61 | 0.5 | 36 | 6 |
| MS0300-SLK | ● | | 5 | 23 | 28 | 29 | 66 | 65 | 0.5 | 36 | 6 |
| MS0310-SSK | ● | 3.1 | 3 | 14.9 | 20 | 25 | 62 | 61 | 0.6 | 36 | 6 |
| MS0310-SLK | ● | | 5 | 22.9 | 28 | 29 | 66 | 65 | 0.6 | 36 | 6 |
| MS0330-SSK | ● | 3.3 | 3 | 14.7 | 20 | 25 | 62 | 61 | 0.6 | 36 | 6 |
| MS0330-SLK | ● | | 5 | 22.7 | 28 | 29 | 66 | 65 | 0.6 | 36 | 6 |
| MS0340-SSK | ● | 3.4 | 3 | 14.5 | 20 | 25 | 62 | 61 | 0.6 | 36 | 6 |
| MS0340-SLK | ● | | 5 | 22.5 | 28 | 29 | 66 | 65 | 0.6 | 36 | 6 |
| MS0350-SSK | ● | 3.5 | 3 | 14.4 | 20 | 25 | 62 | 61 | 0.6 | 36 | 6 |
| MS0350-SLK | ● | | 5 | 22.4 | 28 | 29 | 66 | 65 | 0.6 | 36 | 6 |
| MS0370-SSK | ● | 3.7 | 3 | 14.1 | 20 | 25 | 62 | 61 | 0.7 | 36 | 6 |
| MS0370-SLK | ● | | 5 | 22.1 | 28 | 29 | 66 | 65 | 0.7 | 36 | 6 |
| MS0380-SSK | ● | 3.8 | 3 | 18 | 24 | 29 | 66 | 65 | 0.7 | 36 | 6 |
| MS0380-SLK | ● | | 5 | 30 | 36 | 37 | 74 | 73 | 0.7 | 36 | 6 |
| MS0390-SSK | ● | 3.9 | 3 | 17.9 | 24 | 29 | 66 | 65 | 0.7 | 36 | 6 |
| MS0390-SLK | ● | | 5 | 29.9 | 36 | 37 | 74 | 73 | 0.7 | 36 | 6 |
| MS0400-SSK | ● | 4.0 | 3 | 17.7 | 24 | 29 | 66 | 65 | 0.7 | 36 | 6 |
| MS0400-SLK | ● | | 5 | 29.7 | 36 | 37 | 74 | 73 | 0.7 | 36 | 6 |
| MS0410-SSK | ● | 4.1 | 3 | 17.6 | 24 | 29 | 66 | 65 | 0.7 | 36 | 6 |
| MS0410-SLK | ● | | 5 | 29.6 | 36 | 37 | 74 | 73 | 0.7 | 36 | 6 |
| MS0420-SSK | ● | 4.2 | 3 | 17.5 | 24 | 29 | 66 | 65 | 0.8 | 36 | 6 |
| MS0420-SLK | ● | | 5 | 29.5 | 36 | 37 | 74 | 73 | 0.8 | 36 | 6 |
| MS0430-SSK | ● | 4.3 | 3 | 17.3 | 24 | 29 | 66 | 65 | 0.8 | 36 | 6 |
| MS0430-SLK | ● | | 5 | 29.3 | 36 | 37 | 74 | 73 | 0.8 | 36 | 6 |
| MS0450-SSK | ● | 4.5 | 3 | 17.1 | 24 | 29 | 66 | 65 | 0.8 | 36 | 6 |
| MS0450-SLK | ● | | 5 | 29.1 | 36 | 37 | 74 | 73 | 0.8 | 36 | 6 |
| MS0460-SSK | ● | 4.6 | 3 | 16.9 | 24 | 29 | 66 | 65 | 0.8 | 36 | 6 |
| MS0460-SLK | ● | | 5 | 28.9 | 36 | 37 | 74 | 73 | 0.8 | 36 | 6 |
| MS0480-SSK | ● | 4.8 | 3 | 20.7 | 28 | 29 | 66 | 65 | 0.9 | 36 | 6 |
| MS0480-SLK | ● | | 5 | 36.7 | 44 | 45 | 74 | 81 | 0.9 | 36 | 6 |
| MS0500-SSK | ● | 5.0 | 3 | 20.4 | 30 | 29 | 66 | 65 | 0.9 | 36 | 6 |
| MS0500-SLK | ● | | 5 | 36.4 | 46 | 45 | 82 | 81 | 0.9 | 36 | 6 |

MS MATKAP UCU - WHISTLE NOTCH

| Sipariş Numarası | Stok | DC | L/D | LU | LCF | LH | OAL | LF | PL | LS | DCON |
|------------------|------|-----|-----|------|-----|----|-----|-----|-----|----|------|
| MS0510-SSK | ● | 5.1 | 3 | 20.3 | 30 | 29 | 66 | 65 | 0.9 | 36 | 6 |
| MS0510-SLK | ● | | 5 | 36.3 | 46 | 45 | 82 | 81 | 0.9 | 36 | 6 |
| MS0520-SSK | ● | 5.2 | 3 | 20.1 | 30 | 29 | 66 | 65 | 0.9 | 36 | 6 |
| MS0520-SLK | ● | | 5 | 36.1 | 46 | 45 | 82 | 81 | 0.9 | 36 | 6 |
| MS0550-SSK | ● | 5.5 | 3 | 19.8 | 30 | 29 | 66 | 65 | 1 | 36 | 6 |
| MS0550-SLK | ● | | 5 | 35.8 | 46 | 45 | 82 | 81 | 1 | 36 | 6 |
| MS0560-SSK | ● | 5.6 | 3 | 19.6 | 30 | 29 | 66 | 65 | 1 | 36 | 6 |
| MS0560-SLK | ● | | 5 | 35.6 | 46 | 45 | 82 | 81 | 1 | 36 | 6 |
| MS0570-SSK | ● | 5.7 | 3 | 19.5 | 30 | 29 | 66 | 65 | 1 | 36 | 6 |
| MS0570-SLK | ● | | 5 | 35.5 | 46 | 45 | 82 | 81 | 1 | 36 | 6 |
| MS0580-SSK | ● | 5.8 | 3 | 19.4 | 30 | 29 | 66 | 65 | 1.1 | 36 | 6 |
| MS0580-SLK | ● | | 5 | 35.4 | 46 | 45 | 82 | 81 | 1.1 | 36 | 6 |
| MS0600-SSK | ● | 6.0 | 3 | 19.1 | 30 | 29 | 66 | 65 | 1.1 | 36 | 6 |
| MS0600-SLK | ● | | 5 | 35.1 | 46 | 45 | 82 | 81 | 1.1 | 36 | 6 |
| MS0610-SSK | ● | 6.1 | 3 | 25 | 34 | 42 | 79 | 78 | 1.1 | 36 | 8 |
| MS0610-SLK | ● | | 5 | 44 | 53 | 54 | 91 | 90 | 1.1 | 36 | 8 |
| MS0620-SSK | ● | 6.2 | 3 | 24.8 | 34 | 42 | 79 | 78 | 1.1 | 36 | 8 |
| MS0620-SLK | ● | | 5 | 43.8 | 53 | 54 | 91 | 90 | 1.1 | 36 | 8 |
| MS0650-SSK | ● | 6.5 | 3 | 24.4 | 34 | 42 | 79 | 78 | 1.2 | 36 | 8 |
| MS0650-SLK | ● | | 5 | 43.4 | 53 | 54 | 91 | 90 | 1.2 | 36 | 8 |
| MS0660-SSK | ● | 6.6 | 3 | 24.3 | 34 | 42 | 79 | 78 | 1.2 | 36 | 8 |
| MS0660-SLK | ● | | 5 | 43.3 | 53 | 54 | 91 | 90 | 1.2 | 36 | 8 |
| MS0680-SSK | ● | 6.8 | 3 | 24 | 34 | 42 | 79 | 78 | 1.2 | 36 | 8 |
| MS0680-SLK | ● | | 5 | 43 | 53 | 54 | 91 | 90 | 1.2 | 36 | 8 |
| MS0690-SSK | ● | 6.9 | 3 | 23.9 | 34 | 42 | 79 | 78 | 1.3 | 36 | 8 |
| MS0690-SLK | ● | | 5 | 42.9 | 53 | 54 | 91 | 90 | 1.3 | 36 | 8 |
| MS0700-SSK | ● | 7.0 | 3 | 23.8 | 34 | 42 | 79 | 78 | 1.3 | 36 | 8 |
| MS0700-SLK | ● | | 5 | 42.8 | 53 | 54 | 91 | 90 | 1.3 | 36 | 8 |
| MS0730-SSK | ● | 7.3 | 3 | 30.4 | 34 | 42 | 79 | 78 | 1.3 | 36 | 8 |
| MS0730-SLK | ● | | 5 | 42.4 | 53 | 54 | 91 | 90 | 1.3 | 36 | 8 |
| MS0740-SSK | ● | 7.4 | 3 | 30.2 | 41 | 42 | 79 | 78 | 1.3 | 36 | 8 |
| MS0740-SLK | ● | | 5 | 42.2 | 53 | 54 | 91 | 90 | 1.3 | 36 | 8 |
| MS0750-SSK | ● | 7.5 | 3 | 30.1 | 41 | 42 | 79 | 78 | 1.4 | 36 | 8 |
| MS0750-SLK | ● | | 5 | 42.1 | 53 | 54 | 91 | 90 | 1.4 | 36 | 8 |
| MS0780-SSK | ● | 7.8 | 3 | 29.7 | 41 | 42 | 79 | 78 | 1.4 | 36 | 8 |
| MS0780-SLK | ● | | 5 | 41.7 | 53 | 54 | 91 | 90 | 1.4 | 36 | 8 |
| MS0800-SSK | ● | 8.0 | 3 | 29.5 | 41 | 42 | 79 | 78 | 1.5 | 36 | 10 |
| MS0800-SLK | ● | | 5 | 41.5 | 53 | 54 | 91 | 90 | 1.5 | 36 | 10 |
| MS0830-SSK | ● | 8.3 | 3 | 34.1 | 47 | 48 | 89 | 87 | 1.5 | 40 | 10 |
| MS0830-SLK | ● | | 5 | 48.1 | 61 | 62 | 103 | 101 | 1.5 | 40 | 10 |
| MS0850-SSK | ● | 8.5 | 3 | 33.8 | 47 | 48 | 89 | 87 | 1.5 | 40 | 10 |
| MS0850-SLK | ● | | 5 | 47.8 | 61 | 62 | 103 | 101 | 1.5 | 40 | 10 |
| MS0860-SSK | ● | 8.6 | 3 | 33.7 | 47 | 48 | 89 | 87 | 1.6 | 40 | 10 |
| MS0860-SLK | ● | | 5 | 47.7 | 61 | 62 | 103 | 101 | 1.6 | 40 | 10 |
| MS0870-SSK | ● | 8.7 | 3 | 33.5 | 47 | 48 | 89 | 87 | 1.6 | 40 | 10 |
| MS0870-SLK | ● | | 5 | 47.5 | 61 | 62 | 103 | 101 | 1.6 | 40 | 10 |
| MS0880-SSK | ● | 8.8 | 3 | 33.4 | 47 | 48 | 89 | 87 | 1.6 | 40 | 10 |
| MS0880-SLK | ● | | 5 | 47.4 | 61 | 62 | 103 | 101 | 1.6 | 40 | 10 |
| MS0900-SSK | ● | 9.0 | 3 | 33.3 | 47 | 48 | 89 | 87 | 1.6 | 40 | 10 |
| MS0900-SLK | ● | | 5 | 47.3 | 61 | 62 | 103 | 101 | 1.6 | 40 | 10 |

MS MATKAP UCU - WHISTLE NOTCH

| Sipariş Numarası | Stok | DC | L/D | LU | LCF | LH | OAL | LF | PL | LS | DCON |
|------------------|------|------|-----|------|-----|----|-----|-----|-----|----|------|
| MS0930-SSK | ● | 9.3 | 3 | 33.1 | 47 | 48 | 89 | 87 | 1.6 | 40 | 10 |
| MS0930-SLK | ● | | 5 | 47.1 | 61 | 62 | 103 | 101 | 1.6 | 40 | 10 |
| MS0950-SSK | ● | 9.5 | 3 | 32.5 | 47 | 48 | 89 | 87 | 1.7 | 40 | 10 |
| MS0950-SLK | ● | | 5 | 46.5 | 61 | 62 | 103 | 101 | 1.7 | 40 | 10 |
| MS0980-SSK | ● | 9.8 | 3 | 32.1 | 47 | 48 | 89 | 87 | 1.8 | 40 | 10 |
| MS0980-SLK | ● | | 5 | 46.1 | 61 | 62 | 103 | 101 | 1.8 | 40 | 10 |
| MS1000-SSK | ● | 10.0 | 3 | 31.8 | 47 | 48 | 89 | 87 | 1.8 | 40 | 10 |
| MS1000-SLK | ● | | 5 | 45.8 | 61 | 62 | 103 | 101 | 1.8 | 40 | 10 |
| MS1020-SSK | ● | 10.2 | 3 | 39.6 | 55 | 56 | 102 | 100 | 1.9 | 45 | 12 |
| MS1020-SLK | ● | | 5 | 55.6 | 71 | 72 | 118 | 116 | 1.9 | 45 | 12 |
| MS1030-SSK | ● | 10.3 | 3 | 39.4 | 55 | 56 | 102 | 100 | 1.9 | 45 | 12 |
| MS1030-SLK | ● | | 5 | 55.4 | 71 | 72 | 118 | 116 | 1.9 | 45 | 12 |
| MS1040-SSK | ● | 10.4 | 3 | 39.3 | 55 | 56 | 102 | 100 | 1.9 | 45 | 12 |
| MS1040-SLK | ● | | 5 | 55.3 | 71 | 72 | 118 | 116 | 1.9 | 45 | 12 |
| MS1050-SSK | ● | 10.5 | 3 | 39.2 | 55 | 56 | 102 | 100 | 1.9 | 45 | 12 |
| MS1050-SLK | ● | | 5 | 55.2 | 71 | 72 | 118 | 116 | 1.9 | 45 | 12 |
| MS1070-SSK | ● | 10.7 | 3 | 38.9 | 55 | 56 | 102 | 100 | 1.9 | 45 | 12 |
| MS1070-SLK | ● | | 5 | 54.9 | 71 | 72 | 118 | 116 | 1.9 | 45 | 12 |
| MS1080-SSK | ● | 10.8 | 3 | 38.8 | 55 | 56 | 102 | 100 | 2 | 45 | 12 |
| MS1080-SLK | ● | | 5 | 54.8 | 71 | 72 | 118 | 116 | 2 | 45 | 12 |
| MS1100-SSK | ● | 11.0 | 3 | 38.5 | 55 | 56 | 102 | 100 | 2 | 45 | 12 |
| MS1100-SLK | ● | | 5 | 54.5 | 71 | 72 | 118 | 116 | 2 | 45 | 12 |
| MS1120-SSK | ● | 11.2 | 3 | 38.2 | 55 | 56 | 102 | 100 | 2 | 45 | 12 |
| MS1120-SLK | ● | | 5 | 54.2 | 71 | 72 | 118 | 116 | 2 | 45 | 12 |
| MS1140-SSK | ● | 11.4 | 3 | 38 | 55 | 56 | 102 | 100 | 2.1 | 45 | 12 |
| MS1140-SLK | ● | | 5 | 54 | 71 | 72 | 118 | 116 | 2.1 | 45 | 12 |
| MS1150-SSK | ● | 11.5 | 3 | 37.8 | 55 | 56 | 102 | 100 | 2.1 | 45 | 12 |
| MS1150-SLK | ● | | 5 | 53.8 | 71 | 72 | 118 | 116 | 2.1 | 45 | 12 |
| MS1170-SSK | ● | 11.7 | 3 | 37.6 | 55 | 56 | 102 | 100 | 2.1 | 45 | 12 |
| MS1170-SLK | ● | | 5 | 53.6 | 71 | 72 | 118 | 116 | 2.1 | 45 | 12 |
| MS1180-SSK | ● | 11.8 | 3 | 37.4 | 55 | 56 | 102 | 100 | 2.1 | 45 | 12 |
| MS1180-SLK | ● | | 5 | 53.4 | 71 | 72 | 118 | 116 | 2.1 | 45 | 12 |
| MS1200-SSK | ● | 12.0 | 3 | 37.2 | 55 | 56 | 102 | 100 | 2.2 | 45 | 12 |
| MS1200-SLK | ● | | 5 | 53.2 | 71 | 72 | 118 | 116 | 2.2 | 45 | 12 |
| MS1250-SSK | ● | 12.5 | 3 | 41.5 | 60 | 61 | 107 | 105 | 2.3 | 45 | 14 |
| MS1250-SLK | ● | | 5 | 58.5 | 77 | 78 | 124 | 122 | 2.3 | 45 | 14 |
| MS1260-SSK | ● | 12.6 | 3 | 41.4 | 60 | 61 | 107 | 105 | 2.3 | 45 | 14 |
| MS1260-SLK | ● | | 5 | 58.4 | 77 | 78 | 124 | 122 | 2.3 | 45 | 14 |
| MS1270-SSK | ● | 12.7 | 3 | 41.3 | 60 | 61 | 107 | 105 | 2.3 | 45 | 14 |
| MS1270-SLK | ● | | 5 | 58.3 | 77 | 78 | 124 | 122 | 2.3 | 45 | 14 |
| MS1300-SSK | ● | 13.0 | 3 | 40.9 | 60 | 61 | 107 | 105 | 2.4 | 45 | 14 |
| MS1300-SLK | ● | | 5 | 57.9 | 77 | 78 | 124 | 122 | 2.4 | 45 | 14 |
| MS1350-SSK | ● | 13.5 | 3 | 40.2 | 60 | 61 | 107 | 105 | 2.5 | 45 | 14 |
| MS1350-SLK | ● | | 5 | 57.2 | 77 | 78 | 124 | 122 | 2.5 | 45 | 14 |
| MS1370-SSK | ● | 13.7 | 3 | 39.9 | 60 | 61 | 107 | 105 | 2.5 | 45 | 14 |
| MS1370-SLK | ● | | 5 | 56.9 | 77 | 78 | 124 | 122 | 2.5 | 45 | 14 |
| MS1400-SSK | ● | 14.0 | 3 | 39.5 | 60 | 62 | 107 | 105 | 2.5 | 45 | 14 |
| MS1400-SLK | ● | | 5 | 56.5 | 77 | 79 | 124 | 122 | 2.5 | 45 | 14 |

MS MATKAP UCU

ÖNERİLEN KESME KOŞULLARI

| Malzeme | Özellikler | Kopma Mukavemeti | Ø 3.0 - 5.9 | | Ø 6.0 - 9.9 | | Ø 10.0 - 14.0 | | |
|-----------------------|---|----------------------|----------------------|------|-------------|------|---------------|------|------|
| | | | Vc | f | Vc | f | Vc | f | |
| P | Alaşsız Sülfür ≤%0,25 C | 150 HB tavlansız | <500 | 100 | 0.18 | 110 | 0.25 | 130 | 0.30 |
| | Fosforlu Çelik ≤%0,25 C | 200 HB tavlansız | <680 | 100 | 0.18 | 110 | 0.25 | 130 | 0.30 |
| | Karbon Çeliği ≤%0,55 C | 275 HB temperlenmiş | >800 | 80 | 0.18 | 90 | 0.25 | 100 | 0.30 |
| | Temperlenmiş Çelik ≤%0,55 C | 300 HB tavlansız | <680 | 60 | 0.18 | 70 | 0.25 | 80 | 0.30 |
| | Kalıp Çeliği / Dökme Çelik | 350 HB temperlenmiş | >800 | 50 | 0.15 | 60 | 0.20 | 70 | 0.25 |
| | Düşük Alaşımli Çelik, Kalıp Çeliği | <200 HB tavlansız | <680 | 50 | 0.18 | 80 | 0.25 | 80 | 0.30 |
| | Yay Çeliği, Nitrürlenmiş Çelik | 250 HB temperlenmiş | 850 | 60 | 0.18 | 70 | 0.25 | 80 | 0.30 |
| | Yüzeyi Sertleştirilmiş Çelik | >250 HB temperlenmiş | >850 | 60 | 0.18 | 70 | 0.25 | 80 | 0.30 |
| | Rulman Çeliği, Dökme Çelik | >300 HB temperlenmiş | >1000 | 50 | 0.15 | 60 | 0.20 | 70 | 0.30 |
| | Yüksek Alaşımli Isiya Dayanımlı elikler | <200 HB tavlansız | <680 | 50 | 0.15 | 55 | 0.20 | 60 | 0.25 |
| | Supap Çeliği | 250 HB temperlenmiş | 850 | 45 | 0.15 | 50 | 0.20 | 55 | 0.25 |
| | Kalıp Çeliği | >250 HB temperlenmiş | >850 | 50 | 0.18 | 55 | 0.20 | 60 | 0.25 |
| | Dökme Çelik | >300 HB temperlenmiş | >1000 | 45 | 0.15 | 50 | 0.20 | 55 | 0.25 |
| | M | Paslanmaz Çelik | 200 HB ferrit./mart. | 680 | 45 | 0.15 | 50 | 0.20 | 60 |
| Isiya Dayanımlı Çelik | | 250 HB martensitik | 850 | 45 | 0.15 | 50 | 0.20 | 60 | 0.25 |
| Dökme Çelik | | 230 HB ostenitik | <950 | 45 | 0.15 | 50 | 0.20 | 60 | 0.25 |
| K | Lamine Grafit | <180 HB ferritik | 100 - 400 | 100 | 0.20 | 100 | 0.25 | 110 | 0.30 |
| | Dökme Demir | 220 HB perlitik | 100 - 400 | 90 | 0.20 | 90 | 0.25 | 100 | 0.30 |
| | Küresel Dökme Demir | <180 HB ferritik | 400 - 800 | 80 | 0.20 | 80 | 0.25 | 90 | 0.30 |
| | Duktil Dökme Demir | 250 HB perlitik | 400 - 800 | 80 | 0.20 | 80 | 0.25 | 90 | 0.30 |
| | Temperlenmiş ve Siyah | <180 HB ferritik | 350 - 700 | 50 | 0.20 | 65 | 0.20 | 75 | 0.25 |
| Dökme Demir | 220 HB perlitik | 350 - 700 | 50 | 0.15 | 60 | 0.20 | 70 | 0.22 | |

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