



Standard ekipmanlar Standard Equipments
Стандартное оборудование

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|---|---|-----------------|-----------------|
| | DELİK ZIMBASI / PUNCHING / ПРОБИВКА ОТВЕРСТИЙ | HKM 40 | HKM 45 |
| | Maksimum kalınlıkta çap Ø Diameter x max. thickness Диаметр x макс. Толщину | Ø 20x15 mm | Ø 22x15 mm |
| | Çap x kalınlık (xt) Diameter x thickness ДиаметрxТолщину | Ø 30x10 mm | Ø 38x8 mm * |
| | Maksimum çapta kalınlık Maximum Diameter Максимальный Диаметр | Ø 38x8 mm * | Ø 100x3 mm ** |
| | İş kursu Stroke Ход | 50 mm | 54 mm |
| | Kurs adedi (20 mm) Stroke count in (20 mm) Кол-Во ходов В (20мм) | x 20 | x 25 |
| Oluk derinliği Throat depth Глубина Зева | 175 mm | 220 mm | |
| Çalışma yüksekliği Working height Рабочая высота | 970 mm | 955 mm | |
| | DOLU MALZEME MAKASI STEEL BAR SHEAR Резка круглого/квадратного прутка | HKM 40 | HKM 45 |
| | Yuvarlak/dörtköşe Round/Square Круг/Квадрат | Ø 30-∅25 mm | Ø 35-∅30 mm |
| | KÖŞEBENT KESME MAKASI ANGLE SHEAR НОЖНИЦЫ ДЛЯ РЕЗКИ УГОЛКА | HKM 40 | HKM 45 |
| | Dik köşebent (90°) Angle section (90°) Угловой Профиль (90°) | 80x80x8 mm | 100x100x10 mm |
| | Açılı köşebent (45°) Angle section (45°) Угловой Профиль (45°) | 50x6 mm | 70x6 mm |
| | Çalışma yüksekliği Working height Рабочая высота | 1110 mm | 1140 mm |
| | SAC MAKAS (LAMA KESME) SHEET METAL SHEAR Гильотинные ножницы | HKM 40 | HKM 45 |
| | Düz sac Sheet metal Листовой Металл | 200x13 mm | 200x15 mm |
| | Düz sac Sheet metal Листовой Металл | 300x6 mm | 300x12 mm |
| | Bıçak uzunluğu Blade Length Длина Ножа | 356 mm | 316 mm |
| | Köşebent açılı kesim tek kenar Angle shear one side Резка уголка по одной стороне | 80x10 mm | 80x10 mm |
| | Çalışma yüksekliği Working height Рабочая Высота | 980 mm | 955 mm |
| | ÇENTİK AÇMA NOTCHING ВЫСЕЧЕННЫЕ НОЖНИЦЫ | | HKM 45 |
| | Malzeme kalınlığı Thickness Толщина | | 8 mm |
| | Genişlik Width Ширина | | 42 mm |
| | Derinlik Depth Глубина | | 100 mm |
| | Çalışma yüksekliği Working height Рабочая Высота | | 955 mm |
| | ÖZEL KALIPLAR / OPTIONAL TOOLS / ДОПОЛНИТЕЛЬНЫЙ ИНСТРУМЕНТ | HKM 40 | HKM 45 |
| | U-I profil bıçakları (UPN - IPN kesmek için) U-I Section blades (for UPN - IPN cutting) U-I Образные Ножи | 76x38 mm | 80x45 mm |
| | T profil bıçakları T Section Blades T Образные Ножи | 35x5 mm | 40x5 mm |
| | Özel çentik takımı Special V-Notching tooling Специальный V-образный инструмент | | 100x100x8 mm |
| | V kıvrıma V - bending Press Brake V - Образный Гибочный Пресс | | 100x12 mm |
| | Lama kıvrıma maksimum Bar bend Max. Гибка Прутка Макс. | | |
| Sac kıvrıma maksimum Sheet bend. max. Гибка Листа Макс. | | | |
| | TEKNİK ÖZELLİKLER TECHNICAL DATA ТЕХНИЧЕСКИЕ ХАРАКТЕРИСТИКИ | HKM 40 | HKM 45 |
| | Motor gücü Motor Power Мощность Двигателя | 3 kW | 4 kW |
| | Ağırlık Weight Вес | 580 kg | 1400 kg |
| | Makina ölçüleri (UxGxY) Machine Dimensions (LxWxH) Габариты (ДxШxВ) | 1100x850x1520mm | 1500x950x1680mm |
| | Basınç Power (Pressure) Усилие | 40 ton | 45 ton |

- 450 N / mm² malzeme mukavemetine göre verilmiştir.
- Based on material strength 450 N/mm²
- ДАННЫЕ ДЛЯ МАТЕРИАЛА С ПРЕДЕЛОМ ПРОЧНОСТИ 450 N/mm²

- Teknik bilgilerde önceden haber vermeden değişiklik yapılabilir.
- All technical specifications are subject to change without notice.
- Все технические характеристики могут быть изменены без уведомления.

| HKM 60 | HKM 65 V | HKM 55 | HKM 65 | HKM 85 | HKM 115 | HKM 175 |
|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| Ø 28x15 mm | Ø 22x20 mm | Ø 20x20 mm | Ø 26x20 mm | Ø 33x20 mm* | Ø 34x26 mm | Ø 40x32 mm |
| Ø 38x11 mm * | - | Ø 40x10 mm ** | Ø 55x10 mm ** | Ø 55x12 mm ** | Ø 55x16 mm * | Ø 57x22 mm |
| Ø 110x3 mm ** | Ø 38x11 mm * | Ø 100x3 mm ** | Ø 110x3 mm ** | Ø 110x4 mm ** | Ø 110x5 mm ** | Ø 125x5 mm ** |
| 55 mm | 40 mm | 60 mm | 55 mm | 80 mm | 80 mm | 80 mm |
| x 25 | (15mm) x 22 | x 25 | x 25 | x 25 | x 25 | x 22 |
| 220 mm | 240 mm | 255 mm | 305 mm | 355 mm | 355 mm | 625 mm |
| 955 mm | 1050 mm | 1030 mm | 1030 mm | 1080 mm | 1110 mm | 1130 mm |
| HKM 60 | HKM 65 V | HKM 55 | HKM 65 | HKM 85 | HKM 115 | HKM 175 |
| Ø 40-Ø35 mm | Ø 40-Ø38 mm | Ø 40-Ø40 mm | Ø 45-Ø45 mm | Ø 50-Ø50 mm | Ø 55-Ø50 mm | Ø 65-Ø55 mm |
| HKM 60 | HKM 65 V | HKM 55 | HKM 65 | HKM 85 | HKM 115 | HKM 175 |
| 120x120x12 mm | 100x100x10 mm | 120x120x12 mm | 120x120x12 mm | 150x150x15 mm | 150x150x16 mm | 200x200x20 mm |
| 80x8 mm | - | 70x10 mm | 70x10 mm | 80x8 mm | 80x10 mm | 80x10 mm |
| 1155 mm | 1070 mm | 1130 mm | 1140 mm | 1200 mm | 1215 mm | 1130 mm |
| HKM 60 | HKM 65 V | HKM 55 | HKM 65 | HKM 85 | HKM 115 | HKM 175 |
| 200x20 mm | 350x15 mm | 200x20 mm | 300x20 mm | 380x20 mm | 380x25 mm | 380x30 mm |
| 300x15 mm | 250x19 mm | 300x15 mm | 375x15 mm | 480x15 mm | 600x15 mm | 600x20 mm |
| 317 mm | 352 mm | 317 mm | 380 mm | 482 mm | 610 mm | 610 mm |
| 80x10 mm | 70x7 mm | 80x15 mm | 100x15 mm | 120x15 mm | 120x15 mm | 120x15 mm |
| 955 mm | 810 mm | 900 mm | 900 mm | 940 mm | 935 mm | 810 mm |
| HKM 60 | HKM 65 V | HKM 55 | HKM 65 | HKM 85 | HKM 115 | HKM 175 |
| 10 mm | 8 mm | 10 mm | 10 mm | 13 mm | 13 mm | 16 mm |
| 42 mm | 50.8 mm | 45 mm | 45 mm | 52 mm | 60 mm | 60 mm |
| 100 mm | 90 mm | 90 mm | 90 mm | 100 mm | 100 mm | 100 mm |
| 955 mm | 1060 mm | 900 mm | 900 mm | 940 mm | 935 mm | 910 mm |
| HKM 60 | HKM 65 V | HKM 55 | HKM 65 | HKM 85 | HKM 115 | HKM 175 |
| 80x45 mm | 100x50 mm | 120x58 mm | 120x58 mm | 160x74 mm | 200x90 mm | 300x125 mm |
| 80x9 mm | - | 80x9 mm | 90x11 mm | 100x11 mm | 120x13 mm | 150x15 mm |
| 100x100x10 mm | 90x90x8 mm | 100x100x10 mm | 100x100x10 mm | 100x100x13 mm | 100x100x13 mm | 100x100x16 mm |
| 100x12 mm | 160x8 mm | 250x12 mm | 250x15 mm | 250x20 mm | 250x22 mm | 250x25 mm |
| | 250x6 mm | 500x3 mm | 500x3 mm | 500x4 mm | 700x3 mm | 700x4 mm |
| HKM 60 | HKM 65 V | HKM 55 | HKM 65 | HKM 85 | HKM 115 | HKM 175 |
| 4kW | 5.5 kW | 5.5 kW | 5.5 kW | 7.5 kW | 11 kW | 11kW |
| 1440 kg | 1215 kg | 1550 kg | 1585 kg | 2320 kg | 2940 kg | 6000 kg |
| 1520x950x1780 mm | 1180x950x1920 mm | 1700x950x1880 mm | 1720x950x1880 mm | 1920x950x2040 mm | 2040x950x2180 mm | 2730x1150x2280 mm |
| 60 ton | 65 ton | 55 ton | 65 ton | 85 ton | 115 ton | 175 ton |

* Zımba tutucusu gerekir
* Punch holder required
* Требуется держатель пуансона

** Geniş delik delme aparatları gerekir
** Large Hole Punching Tools required
** Требуется инструмент для пробивки отверстий большого диаметра