



BN 102 B

ÜNİVERSAL TAKIM BİLEME VE TAŞLAMA TEZGAHI UNIVERSAL TOOL AND CUTTER GRINDING



BN 102 B ÜNİVERSAL TAKIM BİLEME VE TAŞLAMA TEZGAHI TÛM GENEL AMAÇLI KESİCİ TAKIMLARIN ÜNİVERSAL OLARAK BİLİNMESİ AMACIYLA DİZAYN EDİLMİŞ, STANDART VE ÖZEL AKSESUARLARI İLE KULLANIM ALANI GENİŞLETİLEREK İÇ VE DİŐ SİLİNDİRİK, KONİK TAŞLAMA VE SATIÖ TAŞLAMA İMKANI DA ELDE ETMİŐTİR. TAKIM BİLEME VE KALIP ATÖLYELERİNDE ÇOK YÖNLÜ İMALAT YAPAN İŐYERLERİNDE, EĐİTİM ATÖLYELERİNDE, MATKAP UÇLARI DÛZ VE HELİS RAYBALARI, DİSK TİPİ FREZE ÇAKILARI, BROŐLAR, TORNA KALEMLERİ VE KESİCİ TAKIMLARDAKİ RADYUS VE PROFİLLERİ BİLEME GİBİ İŐLERDE KULLANILAN ÇOK FONKSİYONLU BİR TEZGAHTIR

THE BN 102 B UNIVERSAL TOOL AND CUTTER GRINDER IS INTENDED TOGETHER WITH ITS STANDART AND OPTIONAL ACCESSORIES, FOR THE SHARPENING OF ALL CURRENT METAL CUTTING TOOLS, IT ALSO ENABLES THE GRINDING OF CYLINDRICAL AND TAPARED SURFACES, BOTH EXTERNAL AND INTERNAL, AND OF FLAT SURFACES. IN VIEW OF ITS HIGH VERSATİLİTY, THE MACHINE FINDS A VERY WIDE FIELD OF APPLICATION, NOTABLY IN TOLROOMS, TOOL SHARPENING SHOPS, PROTOTYPE SHOPS AND SHOPS ENGAGED IN ONE-OFF PRODUCTION.

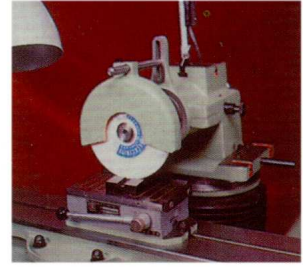
THE EXTENSIVE RANGE OF ACCESSORIES AVAILABLE FOR THE MACHINE PERMITS TWIST DRILLS, ROUGHING REAMERS, REAMERS, BACKED-OFF DISC-TYPE MILLING CUTTERS, HOBS, LONG TAPARED CUTTING TOOLS AND BROACHES TO BE SHARPENED. THE ACCESSORIES PERMIT FURTHER RE-SHARPENING AND SHARPENING OF LATHE TOOLS, CUTTER HEADS AND GRINDING OF RADII ON LATHE TOOLS AND MILLING CUTTERS

TEKNİK ÖZELLİKLER	TEKNİK ÖZELLİKLER	DEĞER (VALUE)	BİRİM (UNIT)
SWING	MAX. TAŞLAMA ÇAPI		
SWING WITH RAISING BLOCK	YÜKSELTİCİ BLOKLARLA MAX. TAŞLAMA ÇAPI	280	mm
DISTANCE BETWEEN TAILSTOCK CENTRES	PUNTALAR ARASI MAX. MESAFE	370	mm
DISTANCE BETWEEN TAILSTOCK CENTRES	PUNTA VE İŞ KAFASI ARASI MAX. MESAFE	760	mm
HEIGHT OF TAILSTOCK AXIS ABOVE TABLE	PUNTA EKSENİNİN TABLADAN YÜKSEKLİĞİ	615	mm
TAPER IN BORE OF WHEEL SPINDLE	TAŞMILI KONİĞİ	130	mm
TAPER IN BORE OF WORK SPINDLE	İŞMİLİ KONİĞİ	3	Mors No
MAX. DIAMETER OF GRINDING WHEEL	TAKIM BİLEME İÇİN MAX. TAŞ ÇAPI	5/ISO 50	Mors No
USED FOR SHARPENING		175	mm
MAX. DIAMETER OF GRINDING WHEEL	SİLİNDİRİK TAŞLAMA İÇİN MAX. TAŞ ÇAPI		
USED FOR CYLINDRICAL GRINDING		200	mm
MAX. DIAMETER OF WHEEL USED FOR SURFACE GRINDING	YÜZEY TAŞLAMA İÇİN MAX. TAŞ ÇAPI	175	mm
SWIVEL OF WHEELHEAD IN HORIZONTAL PLANE	TAŞ KAFASININ TABLA DÜZLEMİNE GÖRE MAX. AÇISAL HAREKETİ		
SWIVEL OF WORKHEAD IN VERTICAL PLANE	İŞ KAFASININ TABLA DÜZLEMİNE GÖRE MAX AÇISAL HAREKETİ	350°	
SWIVEL OF WORKHEAD IN HORIZONTAL PLANE	İŞ KAFASININ DÜŞEY DÜZLEMDE MAX AÇISAL HAREKETİ	360°	
SWIVEL OF TABLE THROUGH	TABLANIN YATAY DÜZLEMDE AÇISAL HAREKETİ	360°	
FINE SWIVEL OF TABLE THROUGH	TABLANIN HASSAS AÇISAL HAREKETİ	± 45° / 90°	
VERTICAL ADJUSTMENT OF WHEEL HEAD	TAŞ KAFASININ MAX. AŞAĞI/YUKARI HAREKETİ	±9° / 18°	
RATE OF POWER ADJUSTMENT OF WHEELHEAD	TAŞ KAFASININ DIKEY YÖNDE OTOMATİK İLERLEMESİ	290	mm
LONGITUDINAL TRAVERSE OF TABLE	TABLANIN MAX. BOYUNA HAREKETİ	1.2	m/min (m/dak)
CROSS TRAVERSE OF TABLE	ÇAPRAZ KIZAĞIN MAX. ENİNE HAREKETİ	510	mm
WORKING SURFACE OF TABLE	TABLANIN BAĞLAMA YÜZEYİ	250	mm
SPEED TO WHEEL SPINDLE - IN EITHER DIRECTION	TAŞ KAFASI MİLLİ DEVRİ (Her iki yönde)	140x980	mm
MAIN MOTOR POWER	TAŞ MİLİ MOTORU GÜCÜ	2800-5600	rpm (dev/dak)
TOTAL INPUT REQUIRED	TOPLAM TEZGAH GÜCÜ	0.55/0.75	kW
BY MACHINE AND ACCESSORIES	AKSESUARLAR İLE BİRLİKTE		
WEIGHT OF MACHINE	STANDART AKSESUARLARLA BERABER	3	kW
WITH STANDART EQUIPMENT	TEZGAH AĞIRLIĞI		
WEIGHT OF MACHINE	STANDART VE ÖZEL AKSESUARLARLA	995	kg
WITH FULL SET OF ACCESSORIES	TEZGAH AĞIRLIĞI	1544	kg
MACHINE DIMENSIONS	TEZGAH EBATLARI (UzunlukxGenişlikxYükseklik)	1510x1550x1455	mm
FLOOR SPACE	TEZGAH ÇALIŞMA ALANI	2800x2800	mm

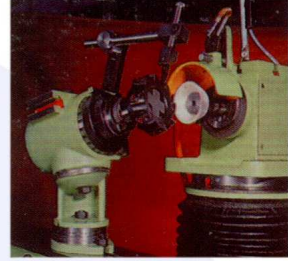
STANDARD ACCESSORIES

STANDART AKSESUARLAR

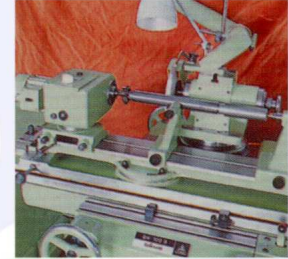
- WORKHEAD AND REDUCING SOCKETS (Mors 5/4,5/3, 5/2, ISO 50/40)
- İŞ KAFASI VE REDÜKSİYON KOVANLARI (Mors 5/4,5/3, 5/2, ISO 50/40)
- LEFT, HAND AND RIGHT HAND TAILSTOCK SOL VE SAĞ PUNTA GÖVDELERİ VE PUNTA UÇLARI
- ARBORS, FLANGES, GRINDING WHEELS, HOLDER AND HOLDER ROD, WHEEL GUARDS
- TAŞLAMA TAŞLARI, TAŞ MUHAFAZALARI, TAŞ FLANŞLARI, TAŞ MALAFALARI VE ÇEKİRME
- UNIVERSAL AND STEADY TOOTH REST, SUPPORTING STAND, CENTRING GAUGE
- MERKEZLEME MASTARI, SABİT VE UNIVERSAL DESTEKLER
- RAISING BLOCKS
- YÜKSELTİCİ BLOKLAR
- BALANCING AND CLAMPING ARBOR KONTROL MALAFASI
- ATTACHMENT FOR WHEEL DRESSING
- TAŞ BİLEME APARATI
- SET OF SPANNERS AND SET OF TOOLS-EQUIPMENTS
- ANAHTAR TAKIMI VE AVADANLIKLAR
- MACHINE LAMP / AYDINLATMA SİSTEMİ
- OPERATING AND MAINTENANCE INSTRUCTION
- KULLANMA VE BAKIM MANUELİ



SURFACE GRINDING ATTACHMENT / SATIŞ TAŞLAMA APARATI



ATTACHMENT FOR GRINDING CUTTER HEADS / FREZE KAFASI BİLEME APARATI



ATTACHMENT FOR GRINDING BETWEEN CENTERS / PUNTALAR ARASI TAŞLAMA APARATI



ATTACHMENT FOR GRINDING ROUGHING REAMERS / RAYBA BİLEME APARATI



ATTACHMENT FOR SHARPENING HOBBS / AZDIRMA ÇAKISI BİLEME APARATI

(*) Opsiyon : Müşteride adapte edilebilen aksesuar / Option : Accessory to be adapted on customer site

(**) Versiyon : Sadece Fabrikamızda adapte edilebilen aksesuar / Version : Accessory to be adapted only at our factory