

L'utensileria per chi lavora la lamiera

Ricambi e Ottiche per Macchine taglio Laser

Accessori UPT

AMADA

BLM

BYSTRONIC

CY LASER

LVD

MAZAK

MITSUBISHI

PRECITEC

PRIMA

SALVAGNINI

TRUMPF

e altro su richiesta

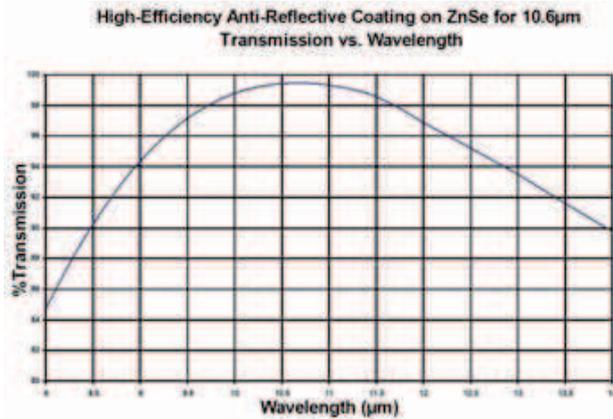


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COATING ANTIRIFLESSO - AR

Il trattamento Antiriflesso (AR) viene depositato sulla superficie della lente per ottimizzare la trasmissione del fascio laser minimizzando la componente riflessa dal materiale che costituisce il substrato.

Le lenti in ZnSe vengono rivestite con coating AR ottimizzato alla lunghezza d'onda del laser (10.6 μm).



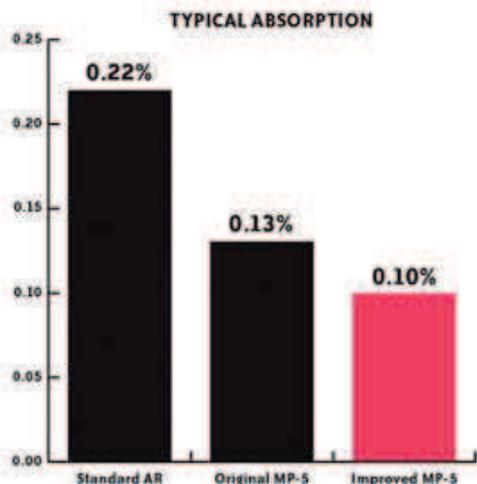
COATING ANTIRIFLESSO A BASSO ASSORBIMENTO - MP5-AR

Da oltre 10 anni II-VI realizza un coating a basso assorbimento, denominato MP5, particolarmente indicato per sistemi ad alta potenza.

Ora il coating MP5-AR è ulteriormente migliorato e l'assorbimento tipico di una lente con rivestimento MP5-AR è inferiore alla metà dell'assorbimento tipico di una lente con rivestimento AR standard.

Il basso assorbimento comporta minore stress termico sulla lente che, a parità di condizioni, ha una vita media superiore.

Di seguito un grafico che paragona il tipico assorbimento di una lente con rivestimento AR, MP5 e MP5 migliorato.



OTTICHE A RIFLESSIONE SPECCHI/PARTIAL REFLECTOR

II-VI produce tutte le ottiche all'interno dell'impianto laser: dalla prima (specchio posteriore del risonatore) all'ultima (lente di focalizzazione).

Oltre ad occuparsi della crescita e della lavorazione del substrato delle lenti e delle finestre (il Seleniuro di Zinco), II-VI riveste i diversi materiali utilizzati come substrato per le ottiche a riflessione (Rame, Silicio, Alluminio, Arseniuro di Gallio, Germanio) con film sottili che ne ottimizzano le proprietà ottiche, rendendoli adatti all'utilizzo in impianti laser multi-kW.

II-VI realizza rear mirror e output coupler, specchi piani, sferici, parabolici, specchi polarizzatori e ritardatori di fase.

Ogni ottica è progettata per ottimizzare le performance richieste dall'impianto

in cui è montata

e, in base alla

sua funzione

all'interno

della catena

ottica, ha un

rivestimento

specifico.

Alcuni tra i coating più comuni:



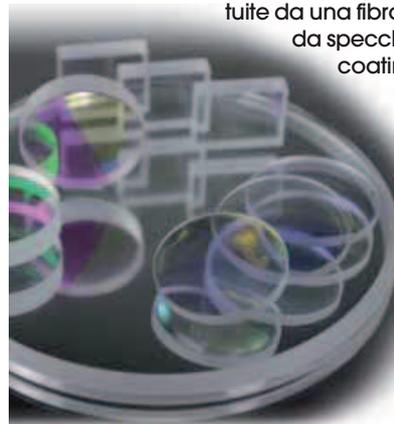
SILVER BASED	GOLD BASED	MAXIMUM METAL REFLECTOR	PHASE RETARDING	POLARIZATION CONTROL
PS	BG	MMR	TRZ	ATFR
ES	PG	MMR-A	RPR	PLM
	EG	DEMRR	HRPR	

LASER IN FIBRA LENTI E FINESTRE DI PROTEZIONE

I laser in fibra si stanno diffondendo come valida alternativa ai tradizionali laser CO₂, soprattutto per particolari applicazioni (taglio di bassi spessori) e per particolari materiali ad alta riflettività (rame, ottone).

La principale differenza ottica tra i laser CO₂ e i laser in fibra è la lunghezza d'onda della radiazione emessa: 10.6 μm per il CO₂ contro 1.07 μm per il fibra.

Considerata la differente lunghezza d'onda di lavoro è necessario utilizzare ottiche appropriate. I materiali comunemente usati per le lenti di un laser in fibra sono il Fused Silica (FS) ed il Solfuro di Zinco (ZnS). Le catene ottiche sono sostituite da una fibra ottica e, in alcuni casi, da specchi rivestiti con opportuni coating ottimizzati a 1.07 μm .



Nelle teste per laser in fibra è generalmente inserito un "vetrino di protezione", anch'esso in FS. Sia le lenti sia i vetrini sono rivestiti con un trattamento superficiale Antiriflesso (AR/AR @ 1.07 μm).

ANALIZZATORE DI STRESS TERMICO PORTATILE

Nelle lavorazioni di taglio laser è spesso sufficiente un alone invisibile di sporco sulla lente per ridurre notevolmente l'efficienza e la produttività del sistema.



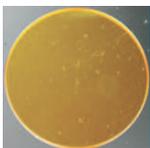
I residui delle lavorazioni accumulati sulla lente, se non vengono rimossi con operazioni costanti di pulizia, a lungo andare innescano il fenomeno dello stress termico. Lo stress altera le caratteristiche del fascio laser trasmesso determinando fluttuazioni diminuzioni di potenza e inducendo lo spostamento del punto focale. Il coating si può inoltre danneggiare a causa di un alto gradiente termico focalizzato (determinato da graffi e contaminazioni) che può portare fino alla rottura dell'ottica stessa. Conoscere lo stato di stress della propria ottica ha dunque un duplice vantaggio: garantire la massima qualità del taglio e prevenire danni significativi al sistema. Il "Lens Stress Analyzer (L.S.A.)", composto da una sorgente di luce a fluorescenza e da una coppia di polarizzatori in rotazione, è alimentato tramite rete elettrica o con batterie per consentire una rapida analisi del livello di stress della lente direttamente sul posto prima del montaggio.

LSA MINI

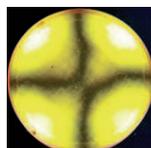
LSA Mini è l'evoluzione, portatile, economica e rapida, di LSA. Seguendo le semplici istruzioni di seguito, potrai velocemente capire, se la lente ha accusato lo stress termico, che può alterare le caratteristiche necessarie al corretto funzionamento della stessa".

Come usare LSA MINI:

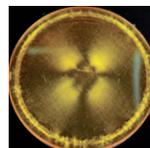
1. Trova lo schermo di computer più vicino
2. Aggancia il Mini LSA sul telefono, rivolto verso l'esterno e accendi la fotocamera.
3. Posiziona la lente, di fronte lo schermo. Ruota il telefono di fronte alla lente.
4. Ruotando il telefono, l'incrocio della polarizzazione, con la luce fluorescente del tuo schermo, ti mostrerà qualsiasi stress la lente abbia, e ti verrà mostrato come da immagini che seguono:



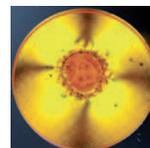
Nessun stress apparente. Potrebbe bastare la pulizia della lente



Stress moderato. Potrebbe essere necessaria la sostituzione della lente



Stress grave, la lente deve essere sostituita, per evitare possibili danni al sistema



Grave danno, possibile danno al sistema laser.

KIT DI PULIZIA OTTICHE LASER CO² E FIBRA

Di fondamentale importanza è la pulizia delle ottiche che deve avvenire con procedure adeguate.

UPT mette a disposizione un kit, PN911466 che contiene:

- 1 flacone da 250 ml di µm polish
- 1 flacone da 250 ml di acqua distillata
- 1 soffietto aria
- 1 contenitore per Acetone (vuoto)
- 1 contenitore per Alcool isopropilico (vuoto)
- 1 busta di cotton balls
- 1 box (170) di Q-tips
- 1 busta di carta per ottiche (25 fogli)
- 1 valigetta di trasporto
- 1 istruzioni per la pulizia



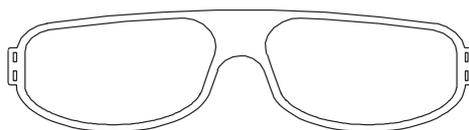
SOFFIETTI PER LASER

UPT surl può fornire tutti i soffietti per le principali marche e modelli di laser. I soffietti sono costruiti in Italia utilizzando i materiali più idonei per questa tipologia di applicazione, garantendone così affidabilità e la lunga durata.

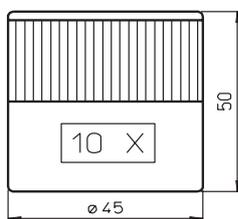
SOFFIETTI PER CREMAGLIERA DI RICAMBIO DELLE PRINCIPALI MARCHE DI MACCHINE TAGLIO LASER

- Soffietti in tessuto tecnologico
- Soffietti per assi cremagliera
- Soffietti poligonali chiusi
- Soffietti per monoguide anche singoli
- COSTRUZIONE SOFFIETTI
SU DISEGNO/CAMPIONE
- RIPARAZIONE DI SOFFIETTI ESISTENTI

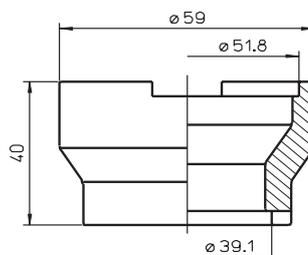




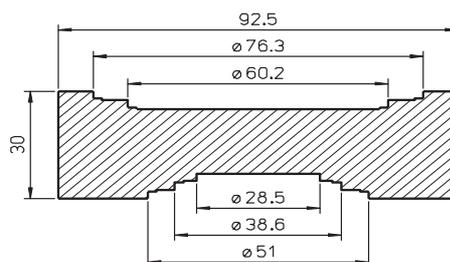
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UAC0001			ACC. LASER CO2 GLASSES CE APPROVED	
UAC0002		240568 - 100	ACC. LENS CLEANING POLISH - ml 100	
UAC0003		240568 - 200	ACC. LENS CLEANING POLISH - ml 200	
UAC0004			ACC. DROPPER FOR LENS CLEANING LIQUID	
UAC0005			ACC. LATEX GLOVES - 10 pieces	
UAC0006			ACC. INDIUM WIRE Ø 1.0mm FOR 1.5" LENSE	
UAC0007			ACC. INDIUM WIRE Ø 1.0mm FOR Ø 2.0mm LENS	
UAC0009			ACC. LENS CLEANING PAPER - 50sheets	
UAC0010			ACC. COTTON SWAB -20 pieces	
UAC0011			ACC. LENS CLEANING PRE-CUT COTTON - 80 pieces	



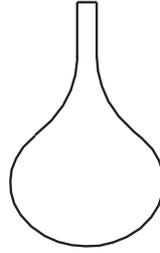
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UAC0012		091860	ACC. SCALE LUPE	



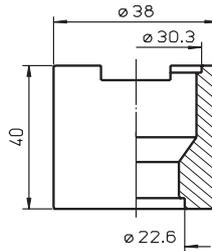
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UAC0013			ACC. BASE FOR LENS MAINTENANCE	



UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UAC0014			ACC. BASE FOR LENS AND MIRROR CLEANING	



UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UAC0015			ACC. INJECTOR	



UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UAC0016		6910010029/00	ACC. BASE FOR MIRROR MAINTENANCE	
UAC0017			LONG-HANDLED SWAB-100 PCS PACK.	
UAC0018			LARGE ALPHA SWAB-conf.100 pz.	
UAC0019			BASTONCINO PULIZIA OTTICHE-conf. 50 pz.	

UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
A1893358			TRUTOOL TSC 100 KIT utensile pulizia per barre da 3 a 3,9 mm	

UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
1644868			KIT utensile pulizia per barre da 2 a 2,9 mm - set 2 pz.	

UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
1644867			KIT utensile pulizia per barre da 3 a 3,9 mm - set 2 pz.	

UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
ST-3310			AIR SPEED HAMMER completo di 2 TAMPONI	

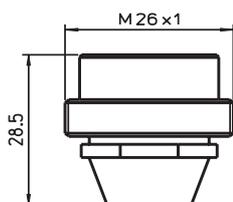
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
ST-3310K			AIR SPEED HAMMER completo di 6 TAMPONI	

UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
LSA002W			II-VI LENS STRESS ANALYZER	

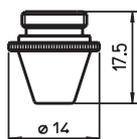
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
LSAMINI			LSA MINI LENS STRESS ANALYZER	

UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
LCK911466			II-VI KIT PULIZIA LENTI CO2	

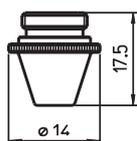
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
LCK5358332			II-VI KIT PULIZIA LENTI FIBRA	



UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0008		46603350510	MAZAK® NOZZLE ADAPTER BODY	

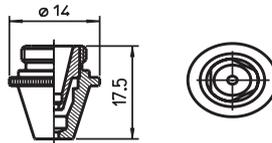


UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0010-10		46603350508	MAZAK® NOZZLE Ø 0.8-box 10 pcs.	
UMK0011		46603350511	MAZAK® NOZZLE Ø 1.0	
UMK0011-10		46603350511	MAZAK® NOZZLE Ø 1.0-box 10 pcs.	
UMK0012		46603350512	MAZAK® NOZZLE Ø 1.2	
UMK0012-10		46603350512	MAZAK® NOZZLE Ø 1.2-box 10 pcs.	
UMK0013		4660335052B	MAZAK® NOZZLE Ø 1.5	
UMK0013-10		4660335052B	MAZAK® NOZZLE Ø 1.5-box 10 pcs.	
UMK0014-10		46603350517	MAZAK® NOZZLE Ø 1.7-box 10 pcs.	
UMK0015		46603350517-1,8	MAZAK® NOZZLE Ø 1.8	
UMK0015-10		46603350517-1,8	MAZAK® NOZZLE Ø 1.8-box 10 pcs.	
UMK0016		4660335052C	MAZAK® NOZZLE Ø 2.0	
UMK0016-10		4660335052C	MAZAK® NOZZLE Ø 2.0-box 10 pcs.	
UMK0017		46603350522-2,2	MAZAK® NOZZLE Ø 2.2	
UMK0017-10		46603350522-2,2	MAZAK® NOZZLE Ø 2.2-box 10 pcs.	
UMK0018		46603350525	MAZAK® NOZZLE Ø 2.5	
UMK0018-10		46603350525	MAZAK® NOZZLE Ø 2.5-box 10 pcs.	
UMK0019		46603350530	MAZAK® NOZZLE Ø 3.0	
UMK0019-10		46603350530	MAZAK® NOZZLE Ø 3.0-box 10 pcs.	
UMK0020		46603350530-3,5 - Q660335052F"	MAZAK® NOZZLE Ø 3.5	
UMK0020-10		46603350530-3,5	MAZAK® NOZZLE Ø 3.5-box 10 pcs.	
UMK0021		46603350530-4,0	MAZAK® NOZZLE Ø 4.0	
UMK0021-10		46603350530-4,0	MAZAK® NOZZLE Ø 4.0-box 10 pcs.	
UMK0022-10		46603350530-4,5	MAZAK® NOZZLE Ø 4.5-box 10 pcs.	
UMK0023-10		46603350530-5,0	MAZAK® NOZZLE Ø 5.0-box 10 pcs.	

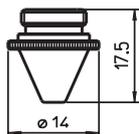


UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0010C-10		46603350508	MAZAK® NOZZLE Ø 0.8 CP-box 10 pcs.	
UMK0011C-10		46603350511	MAZAK® NOZZLE Ø 1.0 CP-box 10 pcs.	
UMK0012C		46603350512	MAZAK® NOZZLE Ø 1.2 CP	
UMK0012C-10		46603350512	MAZAK® NOZZLE Ø 1.2 CP-box 10 pcs.	
UMK0013C		4660335052B	MAZAK® NOZZLE Ø 1.5 CP	
UMK0013C-10		4660335052B	MAZAK® NOZZLE Ø 1.5 CP-box 10 pcs.	

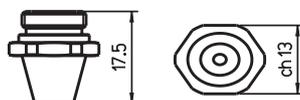
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0014C-10		46603350517	MAZAK® NOZZLE Ø 1.7 CP-box 10 pcs.	
UMK0015C		46603350517-1,8	MAZAK® NOZZLE Ø 1.8 CP	
UMK0015C-10		46603350517-1,8	MAZAK® NOZZLE Ø 1.8 CP-box 10 pcs.	
UMK0016C		4660335052C	MAZAK® NOZZLE Ø 2.0 CP	
UMK0016C-10		4660335052C	MAZAK® NOZZLE Ø 2.0 CP-box 10 pcs.	
UMK0017C-10		46603350522-2,2	MAZAK® NOZZLE Ø 2.2 CP-box 10 pcs.	
UMK0018C		46603350525	MAZAK® NOZZLE Ø 2.5 CP	
UMK0018C-10		46603350525	MAZAK® NOZZLE Ø 2.5 CP-box 10 pcs.	
UMK0019C		46603350530	MAZAK® NOZZLE Ø 3.0 CP	
UMK0019C-10		46603350530	MAZAK® NOZZLE Ø 3.0 CP-box 10 pcs.	
UMK0020C-10		46603350530-3,5	MAZAK® NOZZLE Ø 3.5 CP-box 10 pcs.	
UMK0021C-10		46603350530-4,0	MAZAK® NOZZLE Ø 4.0 CP-box 10 pcs.	
UMK0022C-10		46603350530-4,5	MAZAK® NOZZLE Ø 4.5 CP-box 10 pcs.	
UMK0023C-10		46603350530-5,0	MAZAK® NOZZLE Ø 5.0 CP-box 10 pcs.	



UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0024-10			MAZAK® DOUBLE NOZZLE Ø 1.0-box 10 pcs.	
UMK0025			MAZAK® DOUBLE NOZZLE Ø 1.2	
UMK0025-10			MAZAK® DOUBLE NOZZLE Ø 1.2-box 10 pcs.	
UMK0026			MAZAK® DOUBLE NOZZLE Ø 1.5	
UMK0026-10			MAZAK® DOUBLE NOZZLE Ø 1.5-box 10 pcs.	
UMK0027-10			MAZAK® DOUBLE NOZZLE Ø 1.7-box 10 pcs.	
UMK0028-10			MAZAK® DOUBLE NOZZLE Ø 1.8-box 10 pcs.	
UMK0029			MAZAK® DOUBLE NOZZLE Ø 2.0	
UMK0029-10			MAZAK® DOUBLE NOZZLE Ø 2.0-box 10 pcs.	
UMK0030-10			MAZAK® DOUBLE NOZZLE Ø 2.2-box 10 pcs.	
UMK0031			MAZAK® DOUBLE NOZZLE Ø 2.5	
UMK0031-10			MAZAK® DOUBLE NOZZLE Ø 2.5-box 10 pcs.	
UMK0032			MAZAK® DOUBLE NOZZLE Ø 3.0	
UMK0032-10			MAZAK® DOUBLE NOZZLE Ø 3.0-box 10 pcs.	
UMK0024C-10			MAZAK® DOUBLE NOZZLE Ø 1.0 CP-box 10 pcs.	
UMK0025C			MAZAK® DOUBLE NOZZLE Ø 1.2 CP	
UMK0025C-10			MAZAK® DOUBLE NOZZLE Ø 1.2 CP-box 10 pcs.	
UMK0026C		46683302380	MAZAK® DOUBLE NOZZLE Ø 1.5 CP	
UMK0026C-10			MAZAK® DOUBLE NOZZLE Ø 1.5 CP-box 10 pcs.	
UMK0027C-10			MAZAK® DOUBLE NOZZLE Ø 1.7 CP-box 10 pcs.	
UMK0028C-10			MAZAK® DOUBLE NOZZLE Ø 1.8 CP-box 10 pcs.	
UMK0029C		46683302390	MAZAK® DOUBLE NOZZLE Ø 2.0 CP	
UMK0029C-10			MAZAK® DOUBLE NOZZLE Ø 2.0 CP-box 10 pcs.	
UMK0030C-10			MAZAK® DOUBLE NOZZLE Ø 2.2 CP-box 10 pcs.	
UMK0031C		46683302400	MAZAK® DOUBLE NOZZLE Ø 2.5 CP	
UMK0031C-10			MAZAK® DOUBLE NOZZLE Ø 2.5 CP-box 10 pcs.	
UMK0032C		46683302410	MAZAK® DOUBLE NOZZLE Ø 3.0 CP	
UMK0032C-10			MAZAK® DOUBLE NOZZLE Ø 3.0 CP-box 10 pcs.	

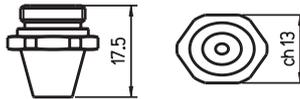


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UMK0033-10		46603350521	MAZAK® NOZZLE Ø 0.8-box 10 pcs.	
UMK0034		46603350521	MAZAK® NOZZLE Ø 1.0	
UMK0034-10		46603350521	MAZAK® NOZZLE Ø 1.0-box 10 pcs.	
UMK0035		46603350521	MAZAK® NOZZLE Ø 1.2	
UMK0035-10		46603350521	MAZAK® NOZZLE Ø 1.2-box 10 pcs.	
UMK0036		46603350520	MAZAK® NOZZLE Ø 1.5	
UMK0036-10		46603350520	MAZAK® NOZZLE Ø 1.5-box 10 pcs.	
UMK0037		46603350521	MAZAK® NOZZLE Ø 1.7	
UMK0037-10		46603350521	MAZAK® NOZZLE Ø 1.7-box 10 pcs.	
UMK0038		46603350522	MAZAK® NOZZLE Ø 2.0	
UMK0038-10		46603350522	MAZAK® NOZZLE Ø 2.0-box 10 pcs.	
UMK0039		46603350522	MAZAK® NOZZLE Ø 2.5	
UMK0039-10		46603350522	MAZAK® NOZZLE Ø 2.5-box 10 pcs.	
UMK0040		46683301281	MAZAK® NOZZLE Ø 3.0	
UMK0040-10		46683301281	MAZAK® NOZZLE Ø 3.0-box 10 pcs.	
UMK0033C-10		46603350521	MAZAK® NOZZLE Ø 0.8 CP-box 10 pcs.	
UMK0034C-10		46603350521	MAZAK® NOZZLE Ø 1.0 CP-box 10 pcs.	
UMK0035C-10		46603350521	MAZAK® NOZZLE Ø 1.2 CP-box 10 pcs.	
UMK0036C		46603350520	MAZAK® NOZZLE Ø 1.5 CP	
UMK0036C-10		46603350520	MAZAK® NOZZLE Ø 1.5 CP-box 10 pcs.	
UMK0037C		46603350521	MAZAK® NOZZLE Ø 1.7 CP	
UMK0037C-10		46603350521	MAZAK® NOZZLE Ø 1.7 CP-box 10 pcs.	
UMK0038C		46603350522	MAZAK® NOZZLE Ø 2.0 CP	
UMK0038C-10		46603350522	MAZAK® NOZZLE Ø 2.0 CP-box 10 pcs.	
UMK0039C		46603350522	MAZAK® NOZZLE Ø 2.5 CP	
UMK0039C-10		46603350522	MAZAK® NOZZLE Ø 2.5 CP-box 10 pcs.	
UMK0040C-10		46683301281	MAZAK® NOZZLE Ø 3.0 CP-box 10 pcs.	

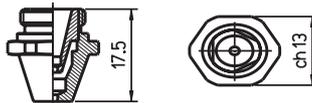


UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0041-10		46603350508	MAZAK® HEXAGONAL NOZZLE Ø 0.8-box 10 pcs.	
UMK0042-10		46603350511	MAZAK® HEXAGONAL NOZZLE Ø 1.0-box 10 pcs.	
UMK0043		4660335052A	MAZAK® HEXAGONAL NOZZLE Ø 1.2	
UMK0043-10		4660335052A	MAZAK® HEXAGONAL NOZZLE Ø 1.2-box 10 pcs.	
UMK0044		4660335052B	MAZAK® HEXAGONAL NOZZLE Ø 1.5	
UMK0044-10		4660335052B	MAZAK® HEXAGONAL NOZZLE Ø 1.5-box 10 pcs.	
UMK0045-10		46603350517	MAZAK® HEXAGONAL NOZZLE Ø 1.7-box 10 pcs.	
UMK0046-10		46603350517-1,8	MAZAK® HEXAGONAL NOZZLE Ø 1.8-box 10 pcs.	
UMK0047		4660335052C	MAZAK® HEXAGONAL NOZZLE Ø 2.0	
UMK0047-10		4660335052C	MAZAK® HEXAGONAL NOZZLE Ø 2.0-box 10 pcs.	

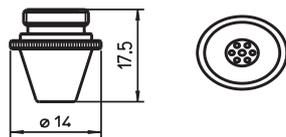
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0048-10		46603350522-2,2	MAZAK® HEXAGONAL NOZZLE Ø 2.2-box 10 pcs.	
UMK0049		4660335052D	MAZAK® HEXAGONAL NOZZLE Ø 2.5	
UMK0049-10		4660335052D	MAZAK® HEXAGONAL NOZZLE Ø 2.5-box 10 pcs.	
UMK0050-10		46603350530	MAZAK® HEXAGONAL NOZZLE Ø 3.0-box 10 pcs.	
UMK0051-10		46603350530-3,5	MAZAK® HEXAGONAL NOZZLE Ø 3.5-box 10 pcs.	
UMK0052-10		46603350530-4,0	MAZAK® HEXAGONAL NOZZLE Ø 4.0-box 10 pcs.	
UMK0053-10		46603350530-4,5	MAZAK® HEXAGONAL NOZZLE Ø 4.5-box 10 pcs.	



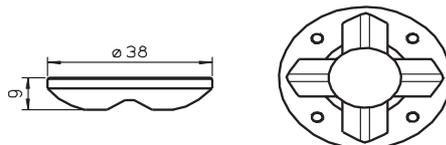
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0041C-10		46603350508	MAZAK® HEXAGONAL NOZZLE Ø 0.8 CP-box 10 pcs.	
UMK0042C-10		46603350511	MAZAK® HEXAGONAL NOZZLE Ø 1.0 CP-box 10 pcs.	
UMK0043C-10		4660335052A	MAZAK® HEXAGONAL NOZZLE Ø 1.2 CP-box 10 pcs.	
UMK0044C		4660335052B	MAZAK® HEXAGONAL NOZZLE Ø 1.5 CP	
UMK0044C-10		4660335052B	MAZAK® HEXAGONAL NOZZLE Ø 1.5 CP-box 10 pcs.	
UMK0045C-10		46603350517	MAZAK® HEXAGONAL NOZZLE Ø 1.7 CP-box 10 pcs.	
UMK0046C-10		46603350517-1,8	MAZAK® HEXAGONAL NOZZLE Ø 1.8 CP-box 10 pcs.	
UMK0047C		4660335052C	MAZAK® HEXAGONAL NOZZLE Ø 2.0 CP	
UMK0047C-10		4660335052C	MAZAK® HEXAGONAL NOZZLE Ø 2.0 CP-box 10 pcs.	
UMK0048C-10		46603350522-2,2	MAZAK® HEXAGONAL NOZZLE Ø 2.2 CP-box 10 pcs.	
UMK0049C		4660335052D	MAZAK® HEXAGONAL NOZZLE Ø 2.5 CP	
UMK0049C-10		4660335052D	MAZAK® HEXAGONAL NOZZLE Ø 2.5 CP-box 10 pcs.	
UMK0050C-10		46603350530	MAZAK® HEXAGONAL NOZZLE Ø 3.0 CP-box 10 pcs.	
UMK0051C-10		46603350530-3,5	MAZAK® HEXAGONAL NOZZLE Ø 3.5 CP-box 10 pcs.	
UMK0052C-10		46603350530-4,0	MAZAK® HEXAGONAL NOZZLE Ø 4.0 CP-box 10 pcs.	
UMK0053C-10		46603350530-4,5	MAZAK® HEXAGONAL NOZZLE Ø 4.5 CP-box 10 pcs.	



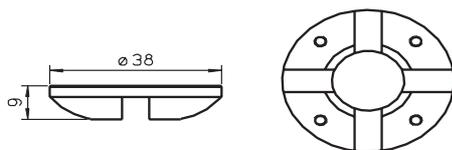
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UMK0054-10			MAZAK® DOUBLE NOZZLE HEXAGONAL Ø 1.2-box 10 pcs.	
UMK0055			MAZAK® DOUBLE NOZZLE HEXAGONAL Ø 1.5	
UMK0055-10			MAZAK® DOUBLE NOZZLE HEXAGONAL Ø 1.5-box 10 pcs.	
UMK0056-10			MAZAK® DOUBLE NOZZLE HEXAGONAL Ø 1.8-box 10 pcs.	
UMK0057-10			MAZAK® DOUBLE NOZZLE HEXAGONAL Ø 2.0-box 10 pcs.	
UMK0058-10			MAZAK® DOUBLE NOZZLE HEXAGONAL Ø 2.2-box 10 pcs.	
UMK0059-10			MAZAK® DOUBLE NOZZLE HEXAGONAL Ø 2.5-box 10 pcs.	
UMK0060-10			MAZAK® DOUBLE NOZZLE HEXAGONAL Ø 3.0-box 10 pcs.	
UMK0054C-10			MAZAK® DOUBLE NOZZLE HEXAGONAL Ø 1.2 CP-box 10 pcs.	
UMK0055C			MAZAK® DOUBLE NOZZLE HEXAGONAL Ø 1.5 CP	
UMK0055C-10			MAZAK® DOUBLE NOZZLE HEXAGONAL Ø 1.5 CP-box 10 pcs.	
UMK0056C-10			MAZAK® DOUBLE NOZZLE HEXAGONAL Ø 1.8 CP-box 10 pcs.	
UMK0057C			MAZAK® DOUBLE NOZZLE HEXAGONAL Ø 2.0 CP	
UMK0057C-10			MAZAK® DOUBLE NOZZLE HEXAGONAL Ø 2.0 CP-box 10 pcs.	
UMK0058C-10			MAZAK® DOUBLE NOZZLE HEXAGONAL Ø 2.2 CP-box 10 pcs.	
UMK0059C-10			MAZAK® DOUBLE NOZZLE HEXAGONAL Ø 2.5 CP-box 10 pcs.	
UMK0060C-10			MAZAK® DOUBLE NOZZLE HEXAGONAL Ø 3.0 CP-box 10 pcs.	



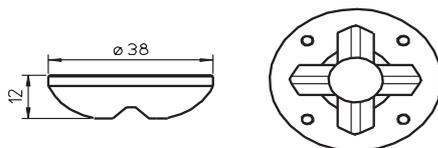
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0061		46603350523	MAZAK® NOZZLE Ø 1.0 SHOWER	
UMK0062			MAZAK® NOZZLE Ø 1.5 SHOWER	
UMK0063			MAZAK® NOZZLE Ø 2.0 SHOWER	



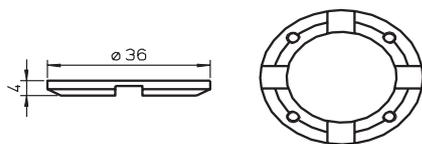
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0068		46602350080	MAZAK® STYLUS FOOT H9 - BRASS	
UMK0070		46572301043	MAZAK® STYLUS FOOT H9 - STEEL	
UMK0071		46572301045	MAZAK® STYLUS FOOT H9 - PTFE	



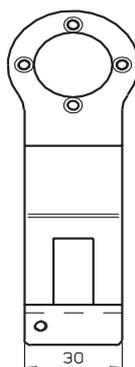
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0072			MAZAK® STYLUS FOOT H9 - BRASS	



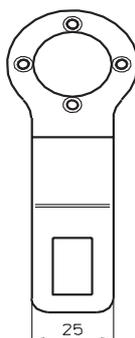
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0075		46572301041	MAZAK® STYLUS FOOT H12 - BRASS	
UMK0077		46572301042	MAZAK® STYLUS FOOT H12 - STEEL	
UMK0391		46572301041	MAZAK® STYLUS FOOT H12 - PTFE	



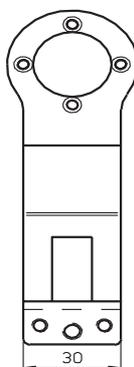
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0079		46512300520	MAZAK® STYLUS FOOT H4 - BRASS	



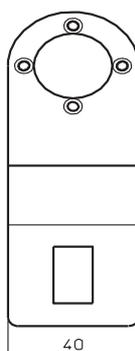
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0081		36602300580	MAZAK® STYLUS ARM WITH SCREW M6	



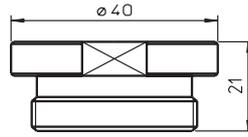
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0082		36602300560-36682300050	MAZAK® STEEL STYLUS ARM	



UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0083		36682300281	MAZAK® STYLUS ARM - STEEL	



UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0084		36602350020	MAZAK® STYLUS ARM - HIGHER VERSION	



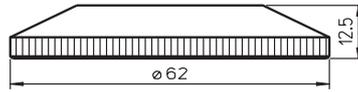
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0086		46523300080	MAZAK® BASE	



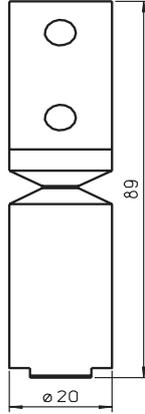
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0087		J2600S03200	MAZAK® O'RING EXTERNAL BASE - RUBBER	



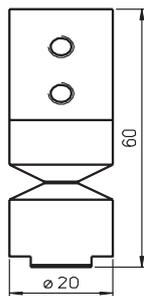
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0088		J2600S02200	MAZAK® O'RING INTERNAL BASE	



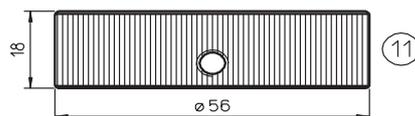
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0089		46683300030	MAZAK® RETAINER	



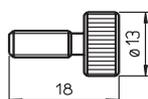
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0091		36602300230	MAZAK® BREAK-AWAY BAR L89 - M8	



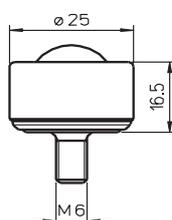
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0092		36682300280	MAZAK® ALUMINIUM BREAK-AWAY BAR L60 - M8	



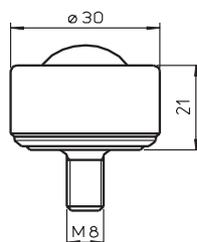
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0096		46683300930	MAZAK® RING	



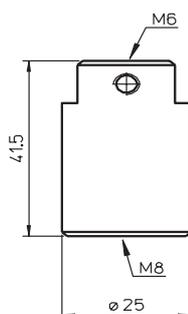
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0099		46683300032	MAZAK® MILD STEEL BOLT M5 X 0.5	



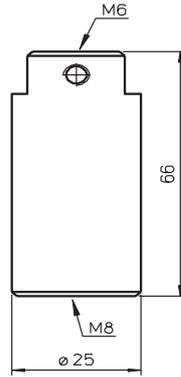
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0101		Z21KV000580	MAZAK® FREE TABLE ROLLER	
UMK0102		Z21KV000580	MAZAK® FREE TABLE ROLLER PKG 2	
UMK0103		Z21KV000580	MAZAK® FREE TABLE ROLLER PKG 10	



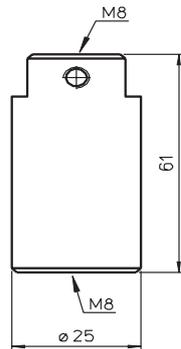
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0104		Z21ZZ001160	MAZAK® BIG FREE BALL	



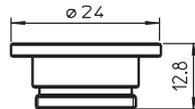
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0105		46575100321	MAZAK® BLOCK STAINLESS STEEL	



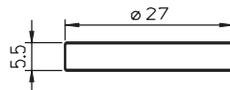
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UMK0106		46705100050	MAZAK® LONG BLOCK STAINLESS STEEL	



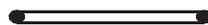
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UMK0107			MAZAK® BLOCK STAINLESS STEEL	



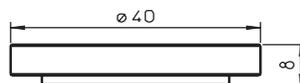
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0108		46683301110	MAZAK® CENTRAL COPPER BODY	



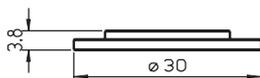
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0110		46683301080	MAZAK® PTFE SPACER 27x5.5	
UMK0111		46683301080	MAZAK® SPECIAL SPACER 27X5.5 - PLASTIC	
UMK0112		46683301080	MAZAK® CERAMIC SPACER 27x5.5	
UMK0113		46683301080	MAZAK® CERAMIC SPACER 27x5.5	



UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0114		J2600S03200	MAZAK® O'RING EXTERNAL BASE - RUBBER	



UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0115		46683301070	MAZAK® BRASS BASE	



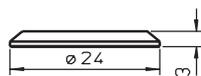
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UMK0116		46683301090	MAZAK® PTFE SPACER 30x4	
UMK0117		46683301090	MAZAK® SPECIAL SPACER 30x4 - PLASTIC	
UMK0118		46683301090	MAZAK® CERAMIC SPACER 30x4	
UMK0119		46683301090	MAZAK® CERAMIC SPACER 30x4	



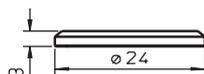
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0120		46683301100	MAZAK® COPPER NUT	



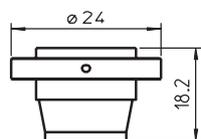
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0121		46773300510	MAZAK® COPPER NUT	



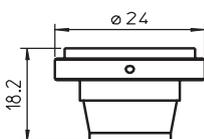
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0122		46683301120	MAZAK® PTFE SPACER 24x3	
UMK0123		46683301120	MAZAK® SPECIAL SPACER 24x3 - PLASTIC	
UMK0124		46683301120	MAZAK® CERAMIC SPACER 24x3	



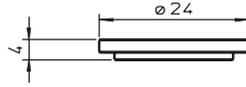
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0126		46773300710	MAZAK® CERAMIC SPACER 24x3	
UMK0127		46773300710	MAZAK® CERAMIC SPACER 24x3	



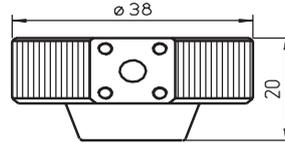
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0128		46683300850	MAZAK® COPPER NOZZLE HOLDER	



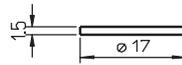
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0129		46773300720	MAZAK® COPPER NOZZLE HOLDER	



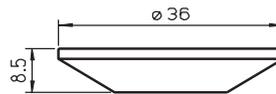
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0130		46683301130	MAZAK® PTFE SPACER 24x4	
UMK0131		46683301130	MAZAK® SPECIAL SPACER 24x4 - PLASTIC	
UMK0132		46683301130	MAZAK® CERAMIC SPACER 24x4	
UMK0133		46683301130	MAZAK® CERAMIC SPACER 24x4	



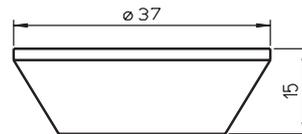
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0134		46683301140	MAZAK® ALUMINIUM BODY	



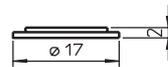
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0135		46683301150	MAZAK® PTFE SPACER 17x1.5	



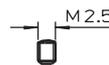
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UMK0136		46683301930	MAZAK® PTFE PROTECTION	
UMK0137		46683301930	MAZAK® SPECIAL PROTECTION - PLASTIC	
UMK0138		46683301930	MAZAK® CERAMIC PROTECTION	



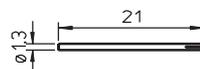
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0139		46683301841	MAZAK® PTFE SPACER	



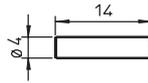
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0140		46683301160	MAZAK® COPPER RING 17x2	



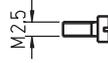
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UMK0141		46683301180	MAZAK® SCREW FOR CONTACT SLOTTED HEAD	



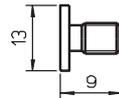
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0142		46683301170	MAZAK® CONTACT	



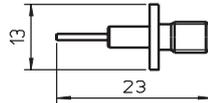
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0143			MAZAK® CONNECTING PTFE PIPE	



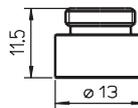
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0144		46683301170	MAZAK® SCREW FOR CONNECTORS(4 PCS)	



UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0145			MAZAK® CONNECTOR	



UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0146		46683301170	MAZAK® KIT CONNECTOR (AL76-88-127-113)	



UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0147			MAZAK® CONNECTOR ASSEMBLY	



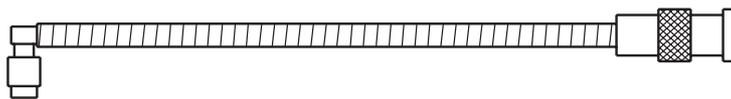
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
			Please refer to the Mazak® nozzle section	



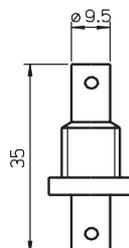
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
			Please refer to the Mazak® nozzle section	



UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
			Please refer to the Mazak® nozzle section	



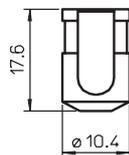
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0149		46683301980	MAZAK® CONNECTING CABLE FOR SENSOR HEAD	
UMK0150		46683301330	MAZAK® CONNECTING CABLE SENSOR HEAD+3CM	



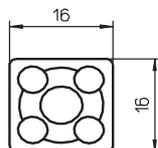
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0151			MAZAK® CABLE ADAPTER	



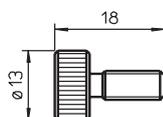
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0152		46683301870	MAZAK® COVER CLIPS - PTFE	



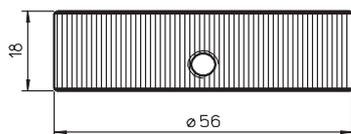
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0153		46683301860	MAZAK® CABLE CONNECTOR COVER - PTFE	
UMK0154		46683301860	MAZAK® CABLE CONNECTOR COVER LONG LIFE PLASTIC	



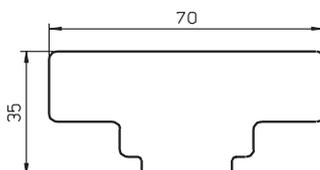
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0155		46683301850	MAZAK® CONNECTOR COVER - PTFE	
UMK0156		46683301850	MAZAK® CONNECTOR COVER LONG LIFE - PLASTIC	



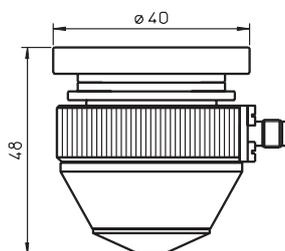
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0157		46683300032	MAZAK® MILD STEEL BOLT M5 X 0.5	



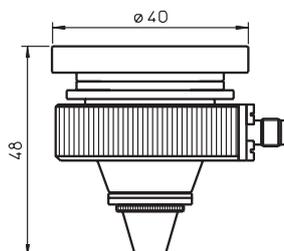
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0158		AL153	MAZAK® RING	



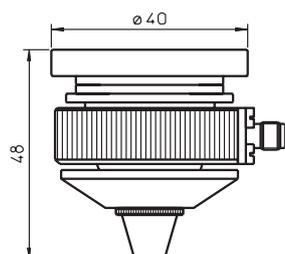
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0160		46683301230	MAZAK® PLATE	



UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0161			MAZAK® HEAD W/PTFE SPACER	
UMK0162			MAZAK® HEAD W/LONG LIFE SPACER	
UMK0163			MAZAK® HEAD W/CERAMIC SPACER	



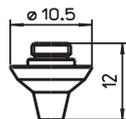
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0164			MAZAK® HEAD W/PTFE SPACER	
UMK0165			MAZAK® HEAD W/LONG LIFE SPACER	
UMK0166			MAZAK® HEAD W/CERAMIC SPACER	



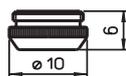
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0167			MAZAK® HEAD W/PTFE SPACER	
UMK0168			MAZAK® HEAD W/LONG LIFE SPACER	
UMK0169			MAZAK® HEAD W/CERAMIC SPACER	

replacement parts suitable

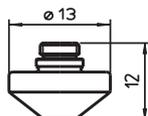
MAZAK®



UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0170		46713300290-10	MAZAK® NOZZLE 3D Ø 1.0	
UMK0170-10		46713300290-10	MAZAK® NOZZLE 3D Ø 1.0-box 10 pcs.	
UMK0171		46713300290-12	MAZAK® NOZZLE 3D Ø 1.2	
UMK0171-10		46713300290-12	MAZAK® NOZZLE 3D Ø 1.2-box 10 pcs.	
UMK0172		46713300290-15-P0352-381-00015	MAZAK® NOZZLE 3D Ø 1.5	
UMK0172-10		46713300290-15-P0352-381-00015	MAZAK® NOZZLE 3D Ø 1.5-box 10 pcs.	
UMK0173-10			MAZAK® NOZZLE 3D Ø 1.8-box 10 pcs.	
UMK0174		46713300310-P0352-382-00020	MAZAK® NOZZLE 3D Ø 2.0	
UMK0174-10		46713300310-P0352-382-00020	MAZAK® NOZZLE 3D Ø 2.0-box 10 pcs.	
UMK0175		46713300280-25	MAZAK® NOZZLE 3D Ø 2.5	
UMK0175-10		46713300280-25	MAZAK® NOZZLE 3D Ø 2.5-box 10 pcs.	
UMK0176		46713300280-30-46713300430	MAZAK® NOZZLE 3D Ø 3.0	
UMK0176-10		46713300280-30	MAZAK® NOZZLE 3D Ø 3.0-box 10 pcs.	
UMK0177		46713300280-35	MAZAK® NOZZLE 3D Ø 3.5	
UMK0177-10		46713300280-35	MAZAK® NOZZLE 3D Ø 3.5-box 10 pcs.	



UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0178-10			MAZAK® NOZZLE Ø 1.0 2D-box 10 pcs.	
UMK0179-10		46713300310	MAZAK® NOZZLE Ø 1.2 2D-box 10 pcs.	
UMK0180		P0352-386-00015	MAZAK® NOZZLE Ø 1.5 2D	
UMK0180-10		P0352-386-00015	MAZAK® NOZZLE Ø 1.5 2D-box 10 pcs.	
UMK0181-10			MAZAK® NOZZLE Ø 1.8 2D-box 10 pcs.	
UMK0182		46713300300-P0352-387-00020	MAZAK® NOZZLE Ø 2.0 2D	
UMK0182-10		46713300300-P0352-387-00020	MAZAK® NOZZLE Ø 2.0 2D-box 10 pcs.	
UMK0183		46713300300-25	MAZAK® NOZZLE Ø 2.5 2D	
UMK0183-10		46713300300-25	MAZAK® NOZZLE Ø 2.5 2D-box 10 pcs.	
UMK0184		46713300300-30	MAZAK® NOZZLE Ø 3.0 2D	
UMK0184-10		46713300300-30	MAZAK® NOZZLE Ø 3.0 2D-box 10 pcs.	



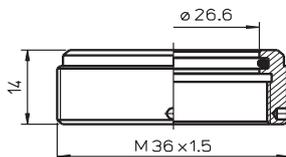
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0185		46713300321-P0352-311-00001	MAZAK® VESPEL NUT - SPACE GEAR	



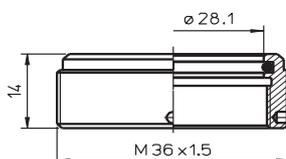
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UPR0193		P0492-702-00001-29100021	PRECITEC® INSULATING RING - plastic	



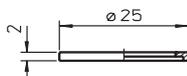
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UAM0112		71366453	AMADA® O'RING FOR NOZZLE OUTER	



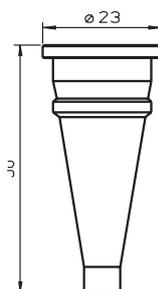
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0187		46713330200	MAZAK® 5-AXIS INSULATOR	



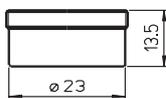
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0188		46713330920	MAZAK® INSULATION RING	



UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0189		46713330960	MAZAK® WASHER FOR CONE	



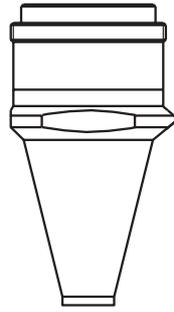
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0190		46713330930	MAZAK® INNER SENSOR CONE	



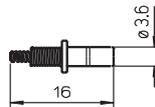
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0191		46713330940	MAZAK® TORCH INNER TOP	

replacement parts suitable

MAZAK®



UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0192			MAZAK® TORCH OUTER HNP	
UMK0193		46713331240	MAZAK® COMPLETE OUTER TORCH (AL351+AL356+AL354)	



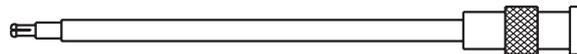
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0194		46713331111	MAZAK® CONNECTOR	



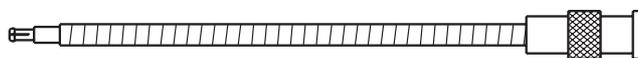
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0195		46713330951	MAZAK® CONNECTOR CAP	



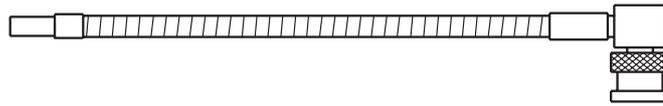
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UPR0194			PRECITEC® INSULATOR COLLAR	



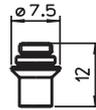
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UPR0195		P0360-100-00500 - 46713300100	PRECITEC® ORIG. SENSOR CABLE KE 500 Z	



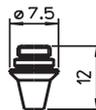
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0198		281386 P0360-155-00500	MAZAK® ELECTRODE CABLE	



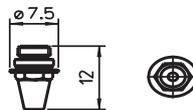
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0199		46743300181	MAZAK® CONNECTING CABLE FOR SENSOR HEAD	
UMK0200		46743300183	MAZAK® CONNECTING CABLE L=35 CM	



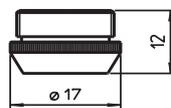
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0203-10		281013-P0352-325-00015	MAZAK® NOZZLE Ø 1.5 -box 10 pcs.	
UMK0204-10		280899-P0352-326-00018	MAZAK® NOZZLE Ø 1.8 -box 10 pcs.	
UMK0205		350044.3-P0352-327-00020	MAZAK® NOZZLE Ø 2.0 ZK	
UMK0205-10		350044.3-P0352-327-00020	MAZAK® NOZZLE Ø 2.0 -box 10 pcs.	
UMK0206		P0352-328-00025	MAZAK® NOZZLE Ø 2.5 ZK	
UMK0206-10		350044.3-P0352-328-00025	MAZAK® NOZZLE Ø 2.5 -box 10 pcs.	



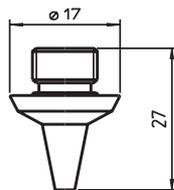
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0207		281006-P0352-333-00010	MAZAK® NOZZLE Ø 1.0 KK	
UMK0207-10		281006-P0352-333-00010	MAZAK® NOZZLE Ø 1.0 KK-box 10 pcs.	
UMK0208		281030-P0352.334.00012	MAZAK® NOZZLE Ø 1.2 KK	
UMK0209		281031-P0352.335.00015	MAZAK® NOZZLE Ø 1.5 KK	
UMK0209-10		281031-P0352.335.00015	MAZAK® NOZZLE Ø 1.5 KK-box 10 pcs.	
UMK0210		280898-P0352.336.00018	MAZAK® NOZZLE Ø 1.8 KK	
UMK0210-10		280898-P0352.336.00018	MAZAK® NOZZLE Ø 1.8 KK-box 10 pcs.	
UMK0211		P0352.336.00020	MAZAK® NOZZLE Ø 2.0 KK	
UMK0211-10		P0352.336.00020	MAZAK® NOZZLE Ø 2.0 KK-box 10 pcs.	



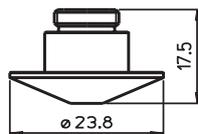
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UPR0197-10			PRECITEC® NOZZLE DE M1.5 KS 1.0 HEX-box 10 pcs.	
UPR0198-10			PRECITEC® NOZZLE DE M1.5 KS 1.2 HEX-box 10 pcs.	
UPR0199-10			PRECITEC® NOZZLE DE M1.5 KS 1.5 HEX-box 10 pcs.	
UPR0200-10			PRECITEC® NOZZLE DE M1.5 KS 2.0 HEX-box 10 pcs.	



UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0212		46713331280	MAZAK® VESPEL NUT	

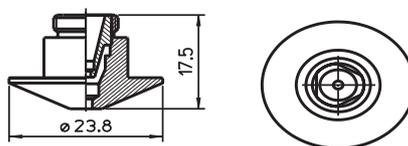


UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0213			MAZAK® 3D NOZZLE Ø 1.0	
UMK0213-10			MAZAK® 3D NOZZLE Ø 1.0-box 10 pcs.	
UMK0214		46713331320	MAZAK® 3D NOZZLE Ø 1.2	
UMK0214-10			MAZAK® 3D NOZZLE Ø 1.2-box 10 pcs.	
UMK0215		46713331310	MAZAK® 3D NOZZLE Ø 1.5	
UMK0215-10			MAZAK® 3D NOZZLE Ø 1.5-box 10 pcs.	
UMK0216			MAZAK® 3D NOZZLE Ø 1.8	
UMK0216-10			MAZAK® 3D NOZZLE Ø 1.8-box 10 pcs.	
UMK0217		46713331300	MAZAK® 3D NOZZLE Ø 2.0	
UMK0217-10			MAZAK® 3D NOZZLE Ø 2.0-box 10 pcs.	
UMK0218		46713331330	MAZAK® 3D NOZZLE Ø 2.5	
UMK0218-10			MAZAK® 3D NOZZLE Ø 2.5-box 10 pcs.	
UMK0219		46713331290	MAZAK® 3D NOZZLE Ø 3.0	
UMK0219-10			MAZAK® 3D NOZZLE Ø 3.0-box 10 pcs.	

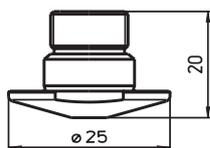


UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0220			MAZAK® NOZZLE Ø 1.0	
UMK0220-10			MAZAK® NOZZLE Ø 1.0-box 10 pcs.	
UMK0221			MAZAK® NOZZLE Ø 1.2	
UMK0221-10			MAZAK® NOZZLE Ø 1.2-box 10 pcs.	
UMK0222		46683301950	MAZAK® NOZZLE Ø 1.5	
UMK0222-10		46683301950	MAZAK® NOZZLE Ø 1.5-box 10 pcs.	
UMK0223		46683301821	MAZAK® NOZZLE Ø 2.0	
UMK0223-10		46683301821	MAZAK® NOZZLE Ø 2.0-box 10 pcs.	
UMK0225		46683301960	MAZAK® NOZZLE Ø 2.5	
UMK0225-10		46683301960	MAZAK® NOZZLE Ø 2.5-box 10 pcs.	
UMK0226		46683301970	MAZAK® NOZZLE Ø 3.0	
UMK0226-10		46683301970	MAZAK® NOZZLE Ø 3.0-box 10 pcs.	
UMK0227			MAZAK® NOZZLE Ø 3.5	
UMK0227-10			MAZAK® NOZZLE Ø 3.5-box 10 pcs.	
UMK0228			MAZAK® NOZZLE Ø 4.0	
UMK0228-10			MAZAK® NOZZLE Ø 4.0-box 10 pcs.	
UMK0229			MAZAK® NOZZLE Ø 4.5	
UMK0229-10			MAZAK® NOZZLE Ø 4.5-box 10 pcs.	
UMK0220C			MAZAK® NOZZLE Ø 1.0 CP	
UMK0220C-10			MAZAK® NOZZLE Ø 1.0 CP-box 10 pcs.	
UMK0221C			MAZAK® NOZZLE Ø 1.2 CP	
UMK0221C-10			MAZAK® NOZZLE Ø 1.2 CP-box 10 pcs.	
UMK0222C		46683301950	MAZAK® NOZZLE Ø 1.5 CP	

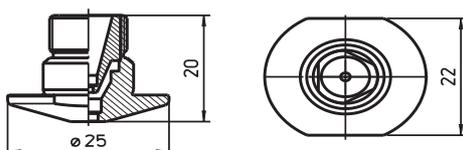
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0222C-10		46683301950	MAZAK® NOZZLE Ø 1.5 CP-box 10 pcs.	
UMK0223C		46683301821	MAZAK® NOZZLE Ø 2.0 CP	
UMK0223C-10		46683301821	MAZAK® NOZZLE Ø 2.0 CP-box 10 pcs.	
UMK0225C		46683301960	MAZAK® NOZZLE Ø 2.5 CP	
UMK0225C-10		46683301960	MAZAK® NOZZLE Ø 2.5 CP-box 10 pcs.	
UMK0226C		46683301970	MAZAK® NOZZLE Ø 3.0 CP	
UMK0226C-10		46683301970	MAZAK® NOZZLE Ø 3.0 CP-box 10 pcs.	
UMK0227C			MAZAK® NOZZLE Ø 3.5 CP	
UMK0227C-10			MAZAK® NOZZLE Ø 3.5 CP-box 10 pcs.	
UMK0228C			MAZAK® NOZZLE Ø 4.0 CP	
UMK0228C-10			MAZAK® NOZZLE Ø 4.0 CP-box 10 pcs.	
UMK0229C			MAZAK® NOZZLE Ø 4.5 CP	
UMK0229C-10			MAZAK® NOZZLE Ø 4.5 CP-box 10 pcs.	



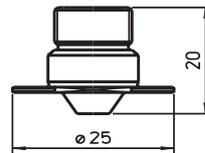
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0230			MAZAK® DOUBLE NOZZLE Ø 1.0	
UMK0230-10			MAZAK® DOUBLE NOZZLE Ø 1.0-box 10 pcs.	
UMK0231			MAZAK® DOUBLE NOZZLE Ø 1.2	
UMK0231-10			MAZAK® DOUBLE NOZZLE Ø 1.2-box 10 pcs.	
UMK0232			MAZAK® DOUBLE NOZZLE Ø 1.5	
UMK0232-10			MAZAK® DOUBLE NOZZLE Ø 1.5-box 10 pcs.	
UMK0233			MAZAK® DOUBLE NOZZLE Ø 1.8	
UMK0233-10			MAZAK® DOUBLE NOZZLE Ø 1.8-box 10 pcs.	
UMK0234			MAZAK® DOUBLE NOZZLE Ø 2.0	
UMK0234-10			MAZAK® DOUBLE NOZZLE Ø 2.0-box 10 pcs.	
UMK0236			MAZAK® DOUBLE NOZZLE Ø 2.5	
UMK0236-10			MAZAK® DOUBLE NOZZLE Ø 2.5-box 10 pcs.	
UMK0237			MAZAK® DOUBLE NOZZLE Ø 3.0	
UMK0237-10			MAZAK® DOUBLE NOZZLE Ø 3.0-box 10 pcs.	
UMK0230C			MAZAK® DOUBLE NOZZLE Ø 1.0 CP	
UMK0230C-10			MAZAK® DOUBLE NOZZLE Ø 1.0 CP-box 10 pcs.	
UMK0231C			MAZAK® DOUBLE NOZZLE Ø 1.2 CP	
UMK0231C-10			MAZAK® DOUBLE NOZZLE Ø 1.2 CP-box 10 pcs.	
UMK0232C		46683302420	MAZAK® DOUBLE NOZZLE Ø 1.5 CP	
UMK0232C-10		46683302420	MAZAK® DOUBLE NOZZLE Ø 1.5 CP-box 10 pcs.	
UMK0233C			MAZAK® DOUBLE NOZZLE Ø 1.8 CP	
UMK0233C-10			MAZAK® DOUBLE NOZZLE Ø 1.8 CP-box 10 pcs.	
UMK0234C		46683302430	MAZAK® DOUBLE NOZZLE Ø 2.0 CP	
UMK0234C-10		46683302430	MAZAK® DOUBLE NOZZLE Ø 2.0 CP-box 10 pcs.	
UMK0236C		46683302440	MAZAK® DOUBLE NOZZLE Ø 2.5 CP	
UMK0236C-10		46683302440	MAZAK® DOUBLE NOZZLE Ø 2.5 CP-box 10 pcs.	
UMK0237C		46683302450	MAZAK® DOUBLE NOZZLE Ø 3.0 CP	
UMK0237C-10		46683302450	MAZAK® DOUBLE NOZZLE Ø 3.0 CP-box 10 pcs.	



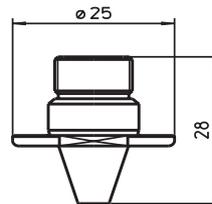
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0239C			MAZAK® NOZZLE Ø 0.8 CP	
UMK0239C-5			MAZAK® NOZZLE Ø 0.8 CP-box 5 pcs.	
UMK0240C			MAZAK® NOZZLE Ø 1.0 CP	
UMK0240C-5			MAZAK® NOZZLE Ø 1.0 CP-box 5 pcs.	
UMK0241C		46143304470	MAZAK® NOZZLE Ø 1.2 CP	
UMK0241C-5		46143304470	MAZAK® NOZZLE Ø 1.2 CP-box 5 pcs.	
UMK0242C		46143304450	MAZAK® NOZZLE Ø 1.5 CP	
UMK0242C-5		46143304450	MAZAK® NOZZLE Ø 1.5 CP-box 5 pcs.	
UMK0243C			MAZAK® NOZZLE Ø 1.8 CP	
UMK0243C-5			MAZAK® NOZZLE Ø 1.8 CP-box 5 pcs.	
UMK0244C		46143304460	MAZAK® NOZZLE Ø 2.0 CP	
UMK0244C-5		46143304460	MAZAK® NOZZLE Ø 2.0 CP-box 5 pcs.	
UMK0245C		46143304480	MAZAK® NOZZLE Ø 2.5 CP	
UMK0245C-5		46143304480	MAZAK® NOZZLE Ø 2.5 CP-box 5 pcs.	
UMK0246C		46143304490	MAZAK® NOZZLE Ø 3.0 CP	
UMK0246C-5		46143304490	MAZAK® NOZZLE Ø 3.0 CP-box 5 pcs.	
UMK0247C		46143304500	MAZAK® NOZZLE Ø 3.5 CP	
UMK0247C-5		46143304500	MAZAK® NOZZLE Ø 3.5 CP-box 5 pcs.	
UMK0248C		46143304510	MAZAK® NOZZLE Ø 4.0 CP	
UMK0248C-5		46143304510	MAZAK® NOZZLE Ø 4.0 CP-box 5 pcs.	



UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0249C			MAZAK® DOUBLE NOZZLE Ø 1.2 CP	
UMK0249C-5			MAZAK® DOUBLE NOZZLE Ø 1.2 CP-box 5 pcs.	
UMK0250C		46143306450	MAZAK® DOUBLE NOZZLE Ø 1.5 CP	
UMK0250C-5		46143306450	MAZAK® DOUBLE NOZZLE Ø 1.5 CP-box 5 pcs.	
UMK0251C		46143306460	MAZAK® DOUBLE NOZZLE Ø 2.0 CP	
UMK0251C-5		46143306460	MAZAK® DOUBLE NOZZLE Ø 2.0 CP-box 5 pcs.	
UMK0252C		46143306480	MAZAK® DOUBLE NOZZLE Ø 2.5 CP	
UMK0252C-5		46143306480	MAZAK® DOUBLE NOZZLE Ø 2.5 CP-box 5 pcs.	
UMK0253C		46143306490	MAZAK® DOUBLE NOZZLE Ø 3.0 CP	
UMK0253C-5		46143306490	MAZAK® DOUBLE NOZZLE Ø 3.0 CP-box 5 pcs.	
UMK0254C		46143306500	MAZAK® DOUBLE NOZZLE Ø 3.5 CP	
UMK0254C-5		46143306500	MAZAK® DOUBLE NOZZLE Ø 3.5 CP-box 5 pcs.	
UMK0255C			MAZAK® DOUBLE NOZZLE Ø 4.0 CP	
UMK0255C-5			MAZAK® DOUBLE NOZZLE Ø 4.0 CP-box 5 pcs.	



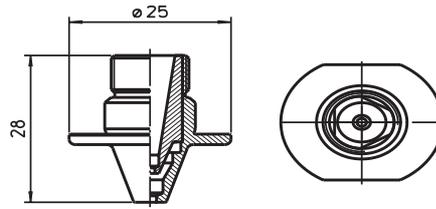
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0257	L1265		MAZAK® NOZZLE Ø 1.2 SPECIAL	



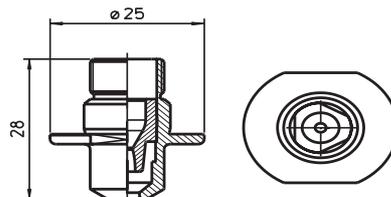
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0261C			MAZAK® NOZZLE SLIM Ø 0.8 CP	
UMK0261C-5			MAZAK® NOZZLE SLIM Ø 0.8 CP-box 5 pcs.	
UMK0262C			MAZAK® NOZZLE SLIM Ø 1.0 CP	
UMK0262C-5			MAZAK® NOZZLE SLIM Ø 1.0 CP-box 5 pcs.	
UMK0262C-10			MAZAK® NOZZLE SLIM Ø 1.0 CP-box 10 pcs.	
UMK0263C		46143310343	MAZAK® NOZZLE SLIM Ø 1.2 CP	
UMK0263C-5		46143310343	MAZAK® NOZZLE SLIM Ø 1.2 CP-box 5 pcs.	
UMK0263C-10		46143310343	MAZAK® NOZZLE SLIM Ø 1.2 CP-box 10 pcs.	
UMK0264C		46143310353	MAZAK® NOZZLE SLIM Ø 1.5 CP	
UMK0264C-5		46143310353	MAZAK® NOZZLE SLIM Ø 1.5 CP-box 5 pcs.	
UMK0264C-10		46143310353	MAZAK® NOZZLE SLIM Ø 1.5 CP-box 10 pcs.	
UMK0265C			MAZAK® NOZZLE SLIM Ø 1.8 CP	
UMK0265C-5			MAZAK® NOZZLE SLIM Ø 1.8 CP-box 5 pcs.	
UMK0266C		46143310363	MAZAK® NOZZLE SLIM Ø 2.0 CP	
UMK0266C-5		46143310363	MAZAK® NOZZLE SLIM Ø 2.0 CP-box 5 pcs.	
UMK0266C-10		46143310363	MAZAK® NOZZLE SLIM Ø 2.0 CP-box 10 pcs.	
UMK0267C			MAZAK® NOZZLE SLIM Ø 2.2 CP	
UMK0267C-5			MAZAK® NOZZLE SLIM Ø 2.2 CP-box 5 pcs.	
UMK0268C		46143310373	MAZAK® NOZZLE SLIM Ø 2.5 CP	
UMK0268C-5		46143310373	MAZAK® NOZZLE SLIM Ø 2.5 CP-box 5 pcs.	
UMK0268C-10		46143310373	MAZAK® NOZZLE SLIM Ø 2.5 CP-box 10 pcs.	
UMK0269C		46143310383	MAZAK® NOZZLE SLIM Ø 3.0 CP	
UMK0269C-5		46143310383	MAZAK® NOZZLE SLIM Ø 3.0 CP-box 5 pcs.	
UMK0269C-10		46143310383	MAZAK® NOZZLE SLIM Ø 3.0 CP-box 10 pcs.	
UMK0270C		46143310393	MAZAK® NOZZLE SLIM Ø 3.5 CP	
UMK0270C-5		46143310393	MAZAK® NOZZLE SLIM Ø 3.5 CP-box 5 pcs.	
UMK0270C-10		46143310393	MAZAK® NOZZLE SLIM Ø 3.5 CP-box 10 pcs.	
UMK0271C		46143310403	MAZAK® NOZZLE SLIM Ø 4.0 CP	
UMK0271C-5		46143310403	MAZAK® NOZZLE SLIM Ø 4.0 CP-box 5 pcs.	
UMK0271C-10		46143310403	MAZAK® NOZZLE SLIM Ø 4.0 CP-box 10 pcs.	

replacement parts suitable

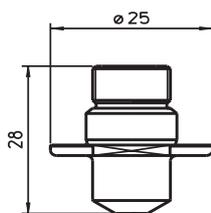
MAZAK®



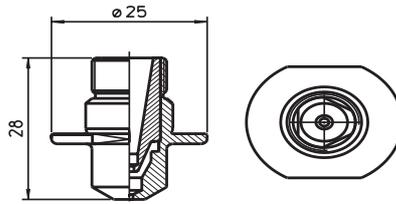
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0272C			MAZAK® DOUBLE NOZZLE SLIM Ø 0.8 CP	
UMK0272C-5			MAZAK® DOUBLE NOZZLE SLIM Ø 0.8 CP-box 5 pcs.	
UMK0273C			MAZAK® DOUBLE NOZZLE SLIM Ø 1.0 CP	
UMK0273C-5			MAZAK® DOUBLE NOZZLE SLIM Ø 1.0 CP-box 5 pcs.	
UMK0273C-10			MAZAK® DOUBLE NOZZLE SLIM Ø 1.0 CP-box 10 pcs.	
UMK0274C			MAZAK® DOUBLE NOZZLE SLIM Ø 1.2 CP	
UMK0274C-5			MAZAK® DOUBLE NOZZLE SLIM Ø 1.2 CP-box 5 pcs.	
UMK0274C-10			MAZAK® DOUBLE NOZZLE SLIM Ø 1.2 CP-box 10 pcs.	
UMK0275C	36143311500		MAZAK® DOUBLE NOZZLE SLIM Ø 1.5 CP	
UMK0275C-5	36143311500		MAZAK® DOUBLE NOZZLE SLIM Ø 1.5 CP-box 5 pcs.	
UMK0275C-10	36143311500		MAZAK® DOUBLE NOZZLE SLIM Ø 1.5 CP-box 10 pcs.	
UMK0276C			MAZAK® DOUBLE NOZZLE SLIM Ø 1.8 CP	
UMK0276C-5			MAZAK® DOUBLE NOZZLE SLIM Ø 1.8 CP-box 5 pcs.	
UMK0277C	36143311512		MAZAK® DOUBLE NOZZLE SLIM Ø 2.0 CP	
UMK0277C-5	36143311512		MAZAK® DOUBLE NOZZLE SLIM Ø 2.0 CP-box 5 pcs.	
UMK0277C-10	36143311512		MAZAK® DOUBLE NOZZLE SLIM Ø 2.0 CP-box 10 pcs.	
UMK0278C			MAZAK® DOUBLE NOZZLE SLIM Ø 2.2 CP	
UMK0278C-5			MAZAK® DOUBLE NOZZLE SLIM Ø 2.2 CP-box 5 pcs.	
UMK0279C	36143311522		MAZAK® DOUBLE NOZZLE SLIM Ø 2.5 CP	
UMK0279C-5	36143311522		MAZAK® DOUBLE NOZZLE SLIM Ø 2.5 CP-box 5 pcs.	
UMK0279C-10	36143311522		MAZAK® DOUBLE NOZZLE SLIM Ø 2.5 CP-box 10 pcs.	
UMK0280C	36143311532		MAZAK® DOUBLE NOZZLE SLIM Ø 3.0 CP	
UMK0280C-5	36143311532		MAZAK® DOUBLE NOZZLE SLIM Ø 3.0 CP-box 5 pcs.	
UMK0280C-10	36143311532		MAZAK® DOUBLE NOZZLE SLIM Ø 3.0 CP-box 10 pcs.	
UMK0281C	36143312380		MAZAK® DOUBLE NOZZLE SLIM Ø 3.5 CP	
UMK0281C-5	36143312380		MAZAK® DOUBLE NOZZLE SLIM Ø 3.5 CP-box 5 pcs.	
UMK0281C-10	36143312380		MAZAK® DOUBLE NOZZLE SLIM Ø 3.5 CP-box 10 pcs.	
UMK0282C	36143312390		MAZAK® DOUBLE NOZZLE SLIM Ø 4.0 CP	
UMK0282C-5	36143312390		MAZAK® DOUBLE NOZZLE SLIM Ø 4.0 CP-box 5 pcs.	
UMK0282C-10	36143312390		MAZAK® DOUBLE NOZZLE SLIM Ø 4.0 CP-box 10 pcs.	
UMK0283C			MAZAK® DOUBLE NOZZLE SLIM Ø 4.5 CP	
UMK0283C-5			MAZAK® DOUBLE NOZZLE SLIM Ø 4.5 CP-box 5 pcs.	
UMK0284C			MAZAK® DOUBLE NOZZLE SLIM Ø 5.0 CP	
UMK0284C-5			MAZAK® DOUBLE NOZZLE SLIM Ø 5.0 CP-box 5 pcs.	
UMK0284C-10			MAZAK® DOUBLE NOZZLE SLIM Ø 5.0 CP-box 10 pcs.	



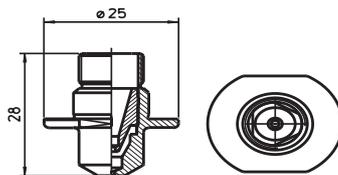
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0286C		Q6143300020	MAZAK® DOUBLE NOZZLE PENCIL SUS Ø 3.5 CP	
UMK0287C		Q6143300030	MAZAK® DOUBLE NOZZLE PENCIL SUS Ø 4.0 CP	
UMK0288C		Q6143300040	MAZAK® DOUBLE NOZZLE PENCIL SUS Ø 4.5 CP	



UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0290C			MAZAK® NOZZLE PENCIL Ø 0.8 CP	
UMK0290C-5			MAZAK® NOZZLE PENCIL Ø 0.8 CP-box 5 pcs.	
UMK0291C		Q6143312210	MAZAK® NOZZLE PENCIL Ø 1.0 CP	
UMK0291C-5		Q6143312210	MAZAK® NOZZLE PENCIL Ø 1.0 CP-box 5 pcs.	
UMK0291C-10		Q6143312210	MAZAK® NOZZLE PENCIL Ø 1.0 CP-box 10 pcs.	
UMK0292C		36143312220	MAZAK® NOZZLE PENCIL Ø 1.2 CP	
UMK0292C-5		36143312220	MAZAK® NOZZLE PENCIL Ø 1.2 CP-box 5 pcs.	
UMK0292C-10		36143312220	MAZAK® NOZZLE PENCIL Ø 1.2 CP-box 10 pcs.	
UMK0293C		36143312230	MAZAK® NOZZLE PENCIL Ø 1.5 CP	
UMK0293C-5		36143312230	MAZAK® NOZZLE PENCIL Ø 1.5 CP-box 5 pcs.	
UMK0293C-10		36143312230	MAZAK® NOZZLE PENCIL Ø 1.5 CP-box 10 pcs.	
UMK0294C		Q6143300060	MAZAK® NOZZLE PENCIL Ø 1.8 CP	
UMK0294C-5		Q6143300060	MAZAK® NOZZLE PENCIL Ø 1.8 CP-box 5 pcs.	
UMK0294C-10		Q6143300060	MAZAK® NOZZLE PENCIL Ø 1.8 CP-box 10 pcs.	
UMK0295C		36143312240	MAZAK® NOZZLE PENCIL Ø 2.0 CP	
UMK0295C-5		36143312240	MAZAK® NOZZLE PENCIL Ø 2.0 CP-box 5 pcs.	
UMK0295C-10		36143312240	MAZAK® NOZZLE PENCIL Ø 2.0 CP-box 10 pcs.	
UMK0296C			MAZAK® NOZZLE PENCIL Ø 2.2 CP	
UMK0296C-5			MAZAK® NOZZLE PENCIL Ø 2.2 CP-box 5 pcs.	
UMK0297C		36143312250	MAZAK® NOZZLE PENCIL Ø 2.5 CP	
UMK0297C-5		36143312250	MAZAK® NOZZLE PENCIL Ø 2.5 CP-box 5 pcs.	
UMK0297C-10		36143312250	MAZAK® NOZZLE PENCIL Ø 2.5 CP-box 10 pcs.	
UMK0298C		36143312260	MAZAK® NOZZLE PENCIL Ø 3.0 CP	
UMK0298C-5		36143312260	MAZAK® NOZZLE PENCIL Ø 3.0 CP-box 5 pcs.	
UMK0298C-10		36143312260	MAZAK® NOZZLE PENCIL Ø 3.0 CP-box 10 pcs.	
UMK0299C		36143312270	MAZAK® NOZZLE PENCIL Ø 3.5 CP	
UMK0299C-5		36143312270	MAZAK® NOZZLE PENCIL Ø 3.5 CP-box 5 pcs.	
UMK0299C-10		36143312270	MAZAK® NOZZLE PENCIL Ø 3.5 CP-box 10 pcs.	
UMK0300C		36143312280	MAZAK® NOZZLE PENCIL Ø 4.0 CP	
UMK0300C-5		36143312280	MAZAK® NOZZLE PENCIL Ø 4.0 CP-box 5 pcs.	
UMK0300C-10		36143312280	MAZAK® NOZZLE PENCIL Ø 4.0 CP-box 10 pcs.	
UMK0301C		06143355590	MAZAK® NOZZLE PENCIL Ø 4.5 CP	
UMK0301C-5		06143355590	MAZAK® NOZZLE PENCIL Ø 4.5 CP-box 5 pcs.	
UMK0301C-10		06143355590	MAZAK® NOZZLE PENCIL Ø 4.5 CP-box 10 pcs.	
UMK0302C		06283301030	MAZAK® NOZZLE PENCIL Ø 5.0 CP	
UMK0302C-5		06283301030	MAZAK® NOZZLE PENCIL Ø 5.0 CP-box 5 pcs.	
UMK0302C-10		06283301030	MAZAK® NOZZLE PENCIL Ø 5.0 CP-box 10 pcs.	
UMK0303C		06283301830	MAZAK® NOZZLE PENCIL Ø 5.5 CP	
UMK0303C-5		06283301830	MAZAK® NOZZLE PENCIL Ø 5.5 CP-box 5 pcs.	
UMK0303C-10		06283301830	MAZAK® NOZZLE PENCIL Ø 5.5 CP-box 10 pcs.	

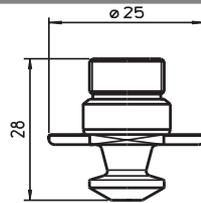


UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0304C			MAZAK® DOUBLE NOZZLE PENCIL Ø 0.8 CP	
UMK0304C-5			MAZAK® DOUBLE NOZZLE PENCIL Ø 0.8 CP-box 5 pcs.	
UMK0305C			MAZAK® DOUBLE NOZZLE PENCIL Ø 1.0 CP	
UMK0305C-5			MAZAK® DOUBLE NOZZLE PENCIL Ø 1.0 CP-box 5 pcs.	
UMK0305C-10			MAZAK® DOUBLE NOZZLE PENCIL Ø 1.0 CP-box 10 pcs.	
UMK0306C		Q614330080	MAZAK® DOUBLE NOZZLE PENCIL Ø 1.2 CP	
UMK0306C-5		Q614330080	MAZAK® DOUBLE NOZZLE PENCIL Ø 1.2 CP-box 5 pcs.	
UMK0306C-10		Q614330080	MAZAK® DOUBLE NOZZLE PENCIL Ø 1.2 CP-box 10 pcs.	
UMK0307C		36143312300	MAZAK® DOUBLE NOZZLE PENCIL Ø 1.5 CP	
UMK0307C-5		36143312300	MAZAK® DOUBLE NOZZLE PENCIL Ø 1.5 CP-box 5 pcs.	
UMK0307C-10		36143312300	MAZAK® DOUBLE NOZZLE PENCIL Ø 1.5 CP-box 10 pcs.	
UMK0308C		36143312310	MAZAK® DOUBLE NOZZLE PENCIL Ø 1.8 CP	
UMK0308C-5		36143312310	MAZAK® DOUBLE NOZZLE PENCIL Ø 1.8 CP-box 5 pcs.	
UMK0308C-10		36143312310	MAZAK® DOUBLE NOZZLE PENCIL Ø 1.8 CP-box 10 pcs.	
UMK0309C		36143312311	MAZAK® DOUBLE NOZZLE PENCIL Ø 2.0 CP	
UMK0309C-5		36143312311	MAZAK® DOUBLE NOZZLE PENCIL Ø 2.0 CP-box 5 pcs.	
UMK0309C-10		36143312311	MAZAK® DOUBLE NOZZLE PENCIL Ø 2.0 CP-box 10 pcs.	
UMK0310C			MAZAK® DOUBLE NOZZLE PENCIL Ø 2.2 CP	
UMK0310C-5			MAZAK® DOUBLE NOZZLE PENCIL Ø 2.2 CP-box 5 pcs.	
UMK0311C		36143312320	MAZAK® DOUBLE NOZZLE PENCIL Ø 2.5 CP	
UMK0311C-5		36143312320	MAZAK® DOUBLE NOZZLE PENCIL Ø 2.5 CP-box 5 pcs.	
UMK0311C-10		36143312320	MAZAK® DOUBLE NOZZLE PENCIL Ø 2.5 CP-box 10 pcs.	
UMK0312C		36143312330	MAZAK® DOUBLE NOZZLE PENCIL Ø 3.0 CP	
UMK0312C-5		36143312330	MAZAK® DOUBLE NOZZLE PENCIL Ø 3.0 CP-box 5 pcs.	
UMK0312C-10		36143312330	MAZAK® DOUBLE NOZZLE PENCIL Ø 3.0 CP-box 10 pcs.	
UMK0313C		36143312340	MAZAK® DOUBLE NOZZLE PENCIL Ø 3.5 CP	
UMK0313C-5		36143312340	MAZAK® DOUBLE NOZZLE PENCIL Ø 3.5 CP-box 5 pcs.	
UMK0313C-10		36143312340	MAZAK® DOUBLE NOZZLE PENCIL Ø 3.5 CP-box 10 pcs.	
UMK0314C		36143312350	MAZAK® DOUBLE NOZZLE PENCIL Ø 4.0 CP	
UMK0314C-5		36143312350	MAZAK® DOUBLE NOZZLE PENCIL Ø 4.0 CP-box 5 pcs.	
UMK0314C-10		36143312350	MAZAK® DOUBLE NOZZLE PENCIL Ø 4.0 CP-box 10 pcs.	
UMK0315C		Q6143312360	MAZAK® DOUBLE NOZZLE PENCIL Ø 4.5 CP	
UMK0315C-5		Q6143312360	MAZAK® DOUBLE NOZZLE PENCIL Ø 4.5 CP-box 5 pcs.	
UMK0315C-10		Q6143312360	MAZAK® DOUBLE NOZZLE PENCIL Ø 4.5 CP-box 10 pcs.	
UMK0316C		Q6143312370	MAZAK® DOUBLE NOZZLE PENCIL Ø 5.0 CP	
UMK0316C-5		Q6143312370	MAZAK® DOUBLE NOZZLE PENCIL Ø 5.0 CP-box 5 pcs.	
UMK0316C-10		Q6143312370	MAZAK® DOUBLE NOZZLE PENCIL Ø 5.0 CP-box 10 pcs.	

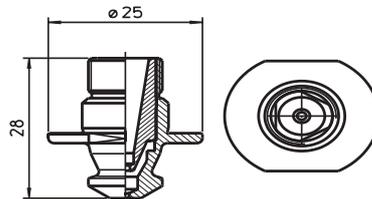


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UMK0317C		Q6260700010	MAZAK® DOUBLE NOZZLE PENCIL Ø 4.0-1.2 CP	
UMK0317C-10		Q6260700010	MAZAK® DOUBLE NOZZLE PENCIL Ø 4.0-1.2 CP-box 10 pcs.	

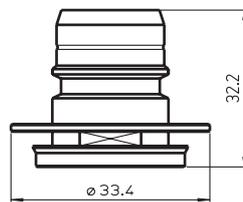
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UMK0318C		06143355360	MAZAK® DOUBLE NOZZLE PENCIL Ø 4.0-1.4 CP	
UMK0318C-10		06143355360	MAZAK® DOUBLE NOZZLE PENCIL Ø 4.0-1.4 CP-box 10 pcs.	
UMK0319C		06143355370	MAZAK® DOUBLE NOZZLE PENCIL Ø 4.0-1.8 CP	
UMK0319C-10		06143355370	MAZAK® DOUBLE NOZZLE PENCIL Ø 4.0-1.8 CP-box 10 pcs.	
UMK0320C		06283301050	MAZAK® DOUBLE NOZZLE PENCIL Ø 4.5-1.2 CP	
UMK0320C-10		06283301050	MAZAK® DOUBLE NOZZLE PENCIL Ø 4.5-1.2 CP-box 10 pcs.	
UMK0321C		06283301200	MAZAK® DOUBLE NOZZLE PENCIL Ø 5.0-1.2 CP	
UMK0321C-10		06283301200	MAZAK® DOUBLE NOZZLE PENCIL Ø 5.0-1.2 CP-box 10 pcs.	
UMK0322C		6283301210	MAZAK® DOUBLE NOZZLE PENCIL Ø 5.5-1.2 CP	
UMK0322C-10		6283301210	MAZAK® DOUBLE NOZZLE PENCIL Ø 5.5-1.2 CP-box 10 pcs.	
UMK0323C		06283301840	MAZAK® DOUBLE NOZZLE PENCIL Ø 5.5-2.0 CP	
UMK0323C-10		06283301840	MAZAK® DOUBLE NOZZLE PENCIL Ø 5.5-2.0 CP-box 10 pcs.	



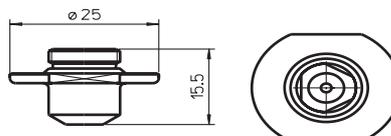
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UMK0324C		6283301790	MAZAK® NOZZLE PENCIL Ø 1.0/HP CP	
UMK0324C-10		6283301790	MAZAK® NOZZLE PENCIL Ø 1.0/HP CP-box 10 pcs.	
UMK0325C		6283301800	MAZAK® NOZZLE PENCIL Ø 1.2HP CP	
UMK0325C-10		6283301800	MAZAK® NOZZLE PENCIL Ø 1.2HP CP-box 10 pcs.	
UMK0326C		6283301810	MAZAK® NOZZLE PENCIL Ø 1.5HP CP	
UMK0326C-10		6283301810	MAZAK® NOZZLE PENCIL Ø 1.5HP CP-box 10 pcs.	



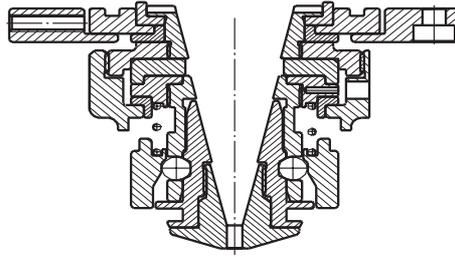
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UMK0327C		6283301820	MAZAK® DOUBLE NOZZLE PENCIL Ø 1.5HP CP	
UMK0327C-10		6283301820	MAZAK® DOUBLE NOZZLE PENCIL Ø 1.5HP CP-box 10 pcs.	



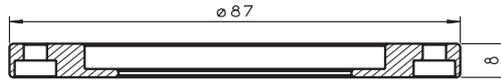
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UMK0328			MAZAK® SPECIAL NOZZLE HOLDER	



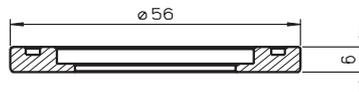
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UMK0329		Q6283300030	MAZAK® DOUBLE NOZZLE SMOOTH Ø 6.0	
UMK0330		Q6283300020	MAZAK® DOUBLE NOZZLE SMOOTH Ø 7.5	
UMK0331		Q6283300010	MAZAK® DOUBLE NOZZLE SMOOTH Ø 9.5	



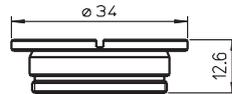
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UMK0361			MAZAK® H.G. HEAD W/CERAMIC SPACER	



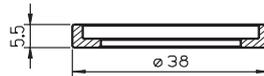
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0357		36143300332	MAZAK® H.G. RING ALUMINUM	



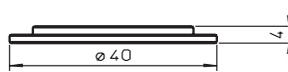
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0356		46143300320	MAZAK® H.G. RING BRASS	



UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0355		46143300280	MAZAK® H.G. RETAINER NUT W/CONE	



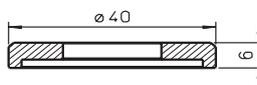
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0353		46143300270	MAZAK® H.G. INSULATOR CERAMIC 38 x 5,5	
UMK0354		46143300270	MAZAK® H.G. PTFE INSULATOR 38 x 5,5	



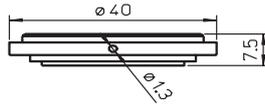
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0351		46143300260	MAZAK® H.G. CERAMIC INSULATOR 40 x 4	
UMK0352		46143300260	MAZAK® H.G. PTFE INSULATOR 40 x 4	



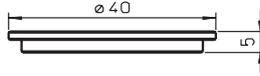
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0350		46143300290	MAZAK® H.G. RETAINER NUT	



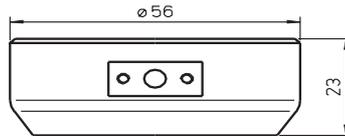
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0348		46143304440	MAZAK® H.G. INSULATOR CERAMIC 40 x 6	
UMK0349		46143304440	MAZAK® H.G. PTFE INSULATOR 40 x 6	



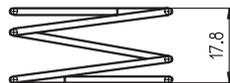
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0346		46143307421	MAZAK® H.G. RETAINER NUT W/AMPLIF. HOLE 1.3	



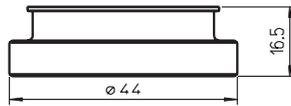
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0343		46143300240	MAZAK® H.G. CERAMIC INSULATOR 40 x 5	
UMK0344		46143300240	MAZAK® H.G. PTFE INSULATOR 40 x 5	



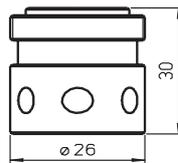
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0339		36143307980	MAZAK® H.G. ALUMINUM BODY	



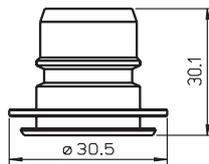
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UMK0337		46143300220	MAZAK® H.G. SPRING	



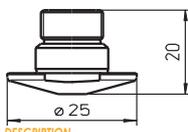
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UMK0336		46143308000	MAZAK® H.G. RETAINER SPRING STEEL	



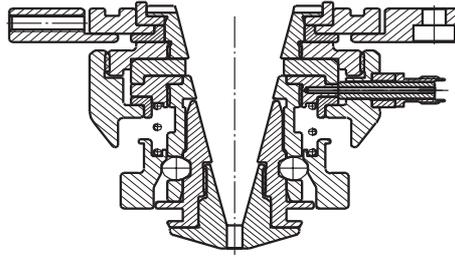
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UMK0333		36143304400	MAZAK® H.G. COUPLER	



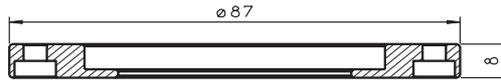
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0332		36143304420	MAZAK® H.G. NOZZLE HOLDER	



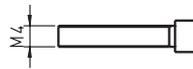
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			Please refer to the Mazak® nozzle section	



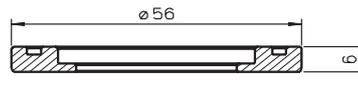
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0360			MAZAK® H.G. HEAD W/CERAMIC SPACER	



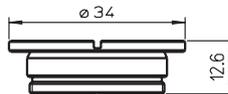
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0357		36143300332	MAZAK® H.G. RING ALUMINUM	



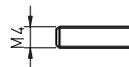
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0359		A06CB040160	MAZAK® H.G. SET SCREWS FOR HEAD - 4 PCS	



UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0356		46143300320	MAZAK® H.G. RING BRASS	



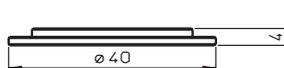
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0355		46143300280	MAZAK® H.G. RETAINER NUT W/CONE	



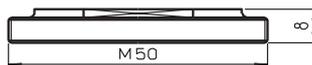
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0358			MAZAK® H.G. SCREW FOR HEAD CENTERING - 4 PCS	



UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0353		46143300270	MAZAK® H.G. INSULATOR CERAMIC 38 x 5,5	
UMK0354		46143300270	MAZAK® H.G. PTFE INSULATOR 38 x 5,5	



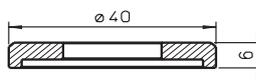
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0351		46143300260	MAZAK® H.G. CERAMIC INSULATOR 40 x 4	
UMK0352		46143300260	MAZAK® H.G. PTFE INSULATOR 40 x 4	



UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0350		46143300290	MAZAK® H.G. RETAINER NUT	



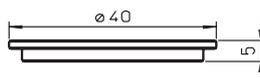
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0347		46683301180	MAZAK® H.G. SCREW HEX DRIVE	



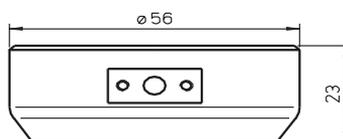
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0348		46143304440	MAZAK® H.G. INSULATOR CERAMIC 40 x 6	
UMK0349		46143304440	MAZAK® H.G. PTFE INSULATOR 40 x 6	



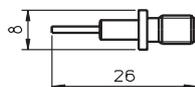
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0346		46143307421	MAZAK® H.G. RETAINER NUT W/AMPLIF. HOLE 1.3	



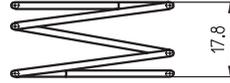
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0343		46143300240	MAZAK® H.G. CERAMIC INSULATOR 40 x 5	
UMK0344		46143300240	MAZAK® H.G. PTFE INSULATOR 40 x 5	



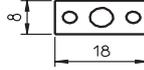
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0339		36143307980	MAZAK® H.G. ALUMINUM BODY	



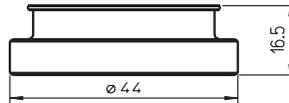
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0342		46143308190	MAZAK® H.G. CONNECTOR	



UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0337		46143300220	MAZAK® H.G. SPRING	



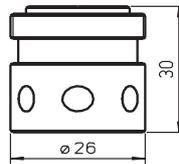
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0341		46143308170	MAZAK® H.G. SPACER FOR CONNECTOR ALUMINUM	



UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0336		46143308000	MAZAK® H.G. RETAINER SPRING STEEL	



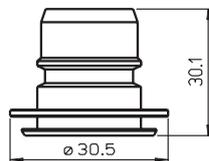
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UMK0340		A05GS002560	MAZAK® H.G. SCREW FOR CONNECTOR - 2 PCS	



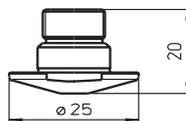
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UMK0333		36143304400	MAZAK® H.G. COUPLER	



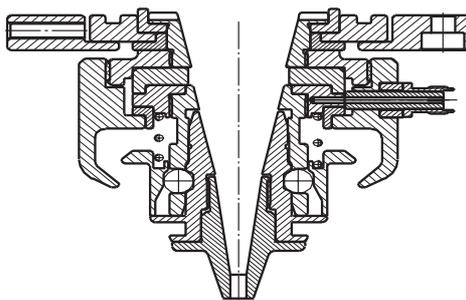
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UMK0334		46143300230	MAZAK® H.G. KIT BALL - 6 PCS	



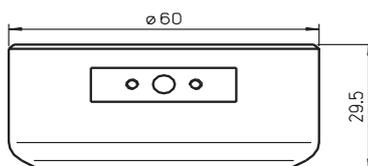
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UMK0332		36143304420	MAZAK® H.G. NOZZLE HOLDER	



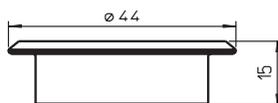
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			Please refer to the Mazak® nozzle section	



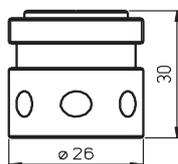
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0368			MAZAK® H.G. HEAD W/CERAMIC SPACER	



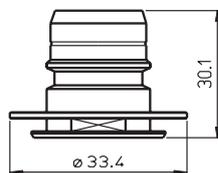
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0362		36143310550	MAZAK® H.G. ALUMINUM BODY	



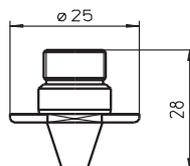
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0363		36143310541	MAZAK® H.G. RETAINER SPRING STEEL	



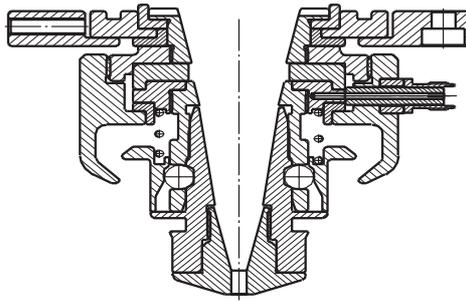
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0364		36143310530	MAZAK® H.G. COUPLER	



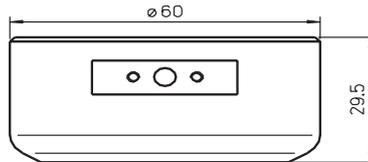
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0365		36143310522	MAZAK® H.G. NOZZLE HOLDER LARGE	



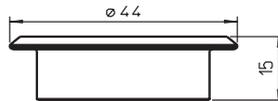
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
			Please refer to Mazak® Slim Nozzle section	



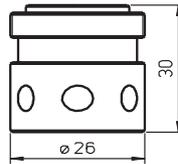
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UMK0369			MAZAK® H.G. HEAD W/CERAMIC SPACER	



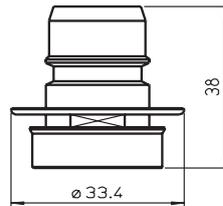
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0362		36143310550	MAZAK® H.G. ALUMINUM BODY	



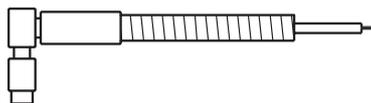
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0363		36143310541	MAZAK® H.G. RETAINER SPRING STEEL	



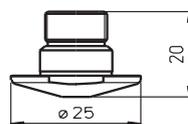
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0364		36143310530	MAZAK® H.G. COUPLER	



UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0366		36143310740	MAZAK® H.G. NOZZLE HOLDER LONG	

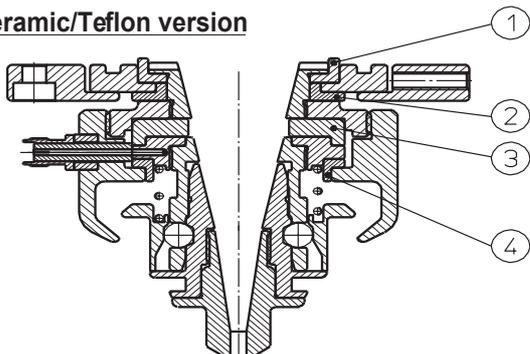


UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0367		46143308290	MAZAK® DOWNSIDE CABLE OF PREAMP BUILT-IN TYPE	

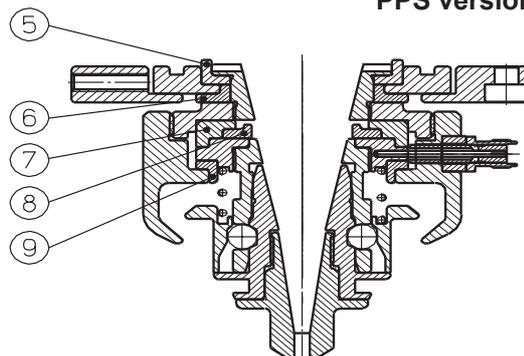


UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
			Please refer to Mazak® Nozzle section	

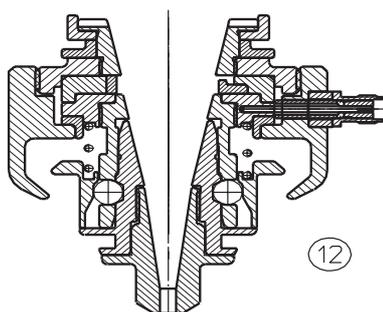
Ceramic/Teflon version



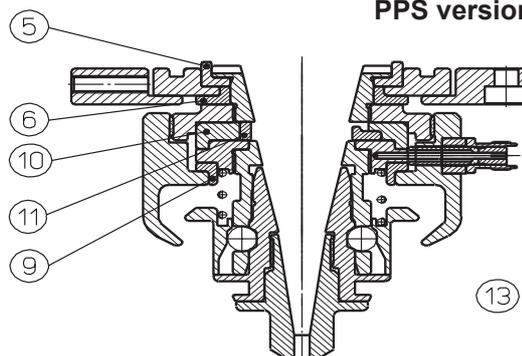
PPS version



PPS version



PPS version



①

UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0353		46143300270	MAZAK® H.G. INSULATOR CERAMIC 38 x 5,5	
UMK0354		46143300270	MAZAK® H.G. PTFE INSULATOR 38 x 5,5	

②

UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0351		46143300260	MAZAK® H.G. CERAMIC INSULATOR 40 x 4	
UMK0352		46143300260	MAZAK® H.G. PTFE INSULATOR 40 x 4	

③

UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0348		46143304440	MAZAK® H.G. INSULATOR CERAMIC 40 x 6	
UMK0349		46143304440	MAZAK® H.G. PTFE INSULATOR 40 x 6	

④

UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0343		46143300240	MAZAK® H.G. CERAMIC INSULATOR 40 x 5	
UMK0344		46143300240	MAZAK® H.G. PTFE INSULATOR 40 x 5	

⑤

UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0370		46143312100	MAZAK® RING PPS	

⑥

UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0371		46143312130	MAZAK® RING PPS	

replacement parts suitable

MAZAK®

7

UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0372		46143312080	MAZAK® SPACER PPS	

8

UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0373		46143312090	MAZAK® RING	

9

UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0374		46143312120	MAZAK® RING PPS	

10

UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0375		46143312170	MAZAK® PPS RING 40 x 6	

11

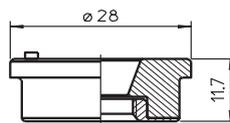
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0376		46143312180	MAZAK® CERAMIC RING 23x4	

12

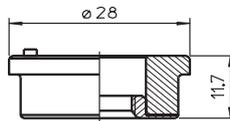
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0377			MAZAK® H.G. HEAD W/PPS SPACER	

13

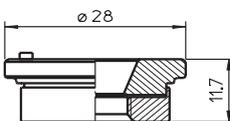
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0378			MAZAK® H.G. HEAD W/PPS SPACER	



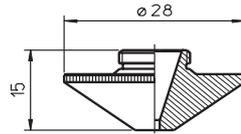
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UPR0001		P0571-1051-00001	PRECITEC® ORIGINAL NOZZLE HOLDER KT B2" CON	
UPR0002		P0571-1051-00001	PRECITEC® NOZZLE HOLDER KT B2" CON	
UPR0003		P0571-1051-00001	PRECITEC® NOZZLE HOLDER KT B2" CON	



UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UPR0004		281330-P0571-260-00001	PRECITEC® ORIGINAL NOZZLE HOLDER KT B2"	
UPR0005		281330 - P0571-260-00001	PRECITEC® NOZZLE HOLDER KT B2"	
UPR0006		281330 - P0571-260-00001	PRECITEC® NOZZLE HOLDER KT B2"	

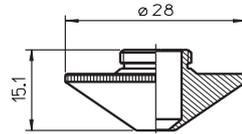


UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UPR0007			PRECITEC® NOZZLE HOLDER KT B2" CON	



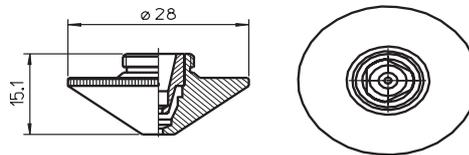
UPT CODE ALTERNATE REFERENCE ORIGINAL CODE DESCRIPTION unit price

Please refer to the Precitec nozzle section



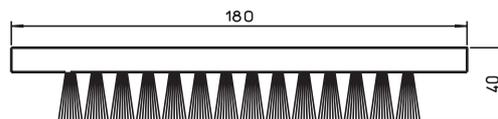
UPT CODE ALTERNATE REFERENCE ORIGINAL CODE DESCRIPTION unit price

UMK0379 06283300180 **MAZAK® NOZZLE Ø 4.0**



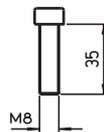
UPT CODE ALTERNATE REFERENCE ORIGINAL CODE DESCRIPTION unit price

UMK0383	06283300050	MAZAK® DOUBLE NOZZLE Ø 1.5
UMK0384	06283300060	MAZAK® DOUBLE NOZZLE Ø 2.0
UMK0385	06283300070	MAZAK® DOUBLE NOZZLE Ø 2.5
UMK0386	06283300080	MAZAK® DOUBLE NOZZLE Ø 3.0
UMK0387	06283300090	MAZAK® DOUBLE NOZZLE Ø 3.5
UMK0388	06283300100	MAZAK® DOUBLE NOZZLE Ø 4.0
UMK0389	06283300110	MAZAK® DOUBLE NOZZLE Ø 4.5



UPT CODE ALTERNATE REFERENCE ORIGINAL CODE DESCRIPTION unit price

UMK0390 **MAZAK® BRUSH 180X30X20 WITH SCREWS**



UPT CODE ALTERNATE REFERENCE ORIGINAL CODE DESCRIPTION unit price

UBY0116 333884 **BYSTRONIC®/MAZAK® PLASTIC SCREWS - 2 pcs**

FILTERS

UPT CODE ALTERNATE REFERENCE ORIGINAL CODE DESCRIPTION unit price

UAM0231 71232023 **AMADA® MAZAK® FILTER VACUUM PUMP**

LENSES II-VI FOR MAZAK®

UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UL578662P			IIVI LENS Ø 1.5" - FL5.0" - ET 7.6MM PO/CX	
UL306068P			IIVI LENS Ø 1.5" - FL7.5" - ET 7.6MM PO/CX	
UL145980P			IIVI LENS Ø 2.0" - FL 5.0" - ET 7.6MM PO/CX	
UL304725P			IIVI LENS Ø 2.0" - FL 5.0" - ET 7.87MM PO/CX	
UL892020P			IIVI LENS Ø 2.0" - FL 7.5" - ET 7.87MM PO/CX	
UL741363P			IIVI LENS Ø 2.0" - FL 5.0" - ET 9.6MM PO/CX	
UL232771P			IIVI LENS Ø 2.0" - FL 7.5" - ET 9.6MM PO/CX	
UL158039P			IIVI LENS Ø 2.0" - FL 5.0" - ET 9.6MM PO/CX *ETV,OD**	
UL769062P			IIVI LENS Ø 2.0" - FL 7.5" - ET 9.6MM PO/CX *ETV,OD**	

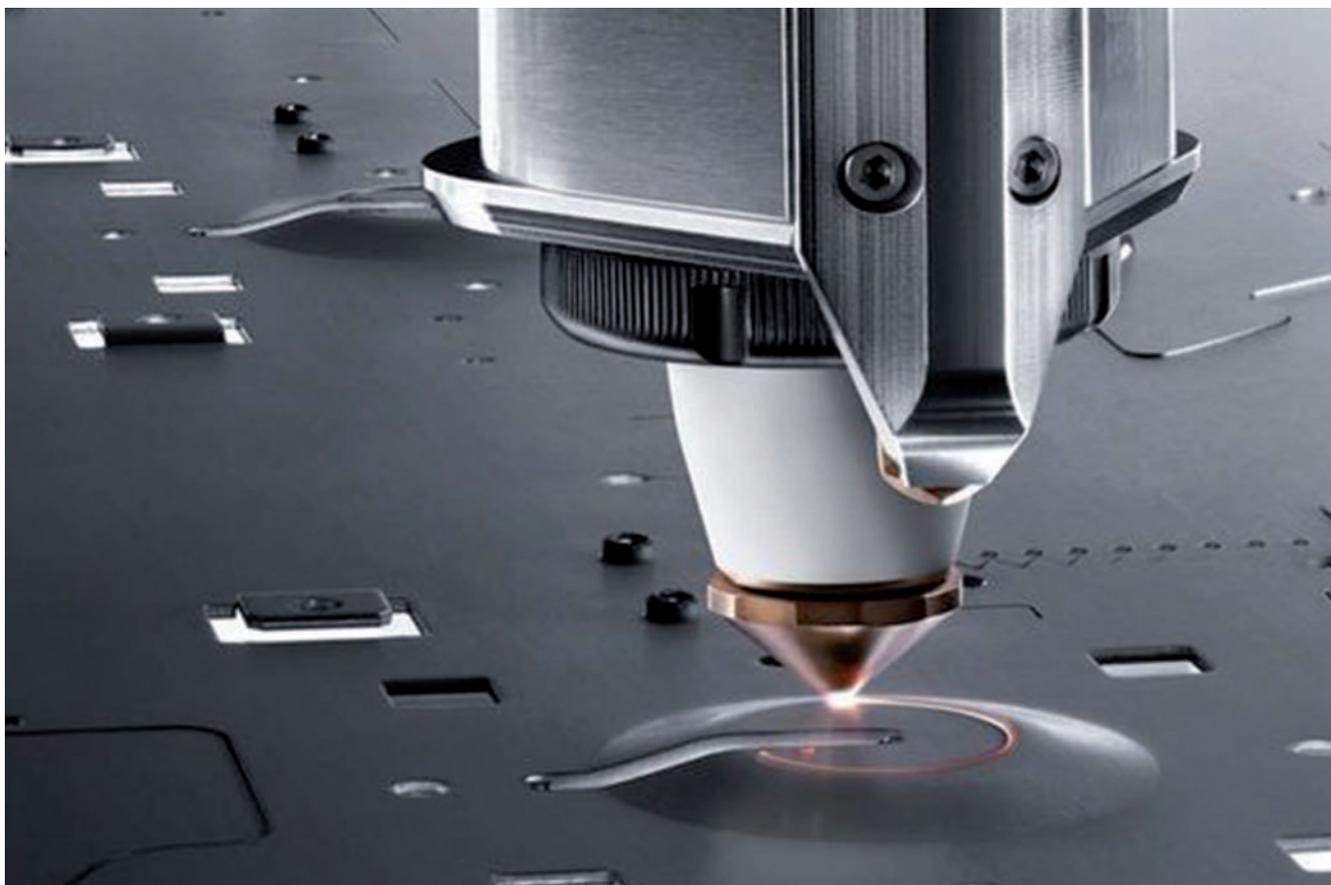
WINDOWS II-VI FOR MAZAK®

UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UPW0012II		W495-Z50SA015350 / Z50ZZE00010	IIVI WINDOW JGS1 42.0mm DIA X 9.0mm ET	

WINDOWS FOR MAZAK®

UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UPW0012		W495-Z50SA015350 / Z50ZZE00010	WINDOW JGS1 42.0mm DIA X 9.0mm ET	

UPT surl può fornire oltre a ugelli, ceramiche e ottiche (lenti, specchi, vetrini di protezione) soffietti, filtri aria, filtri acqua, filtri aspirazione, oli e liquidi vari.



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