

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

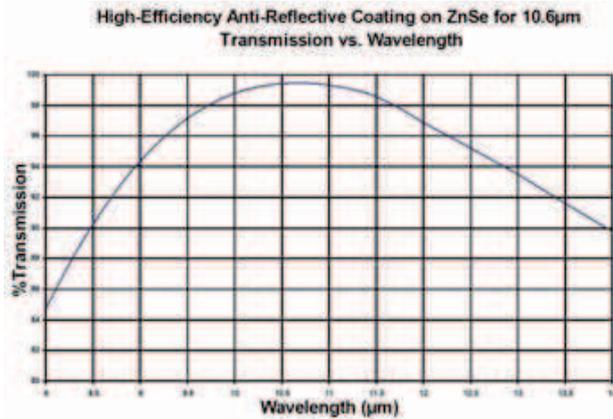


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COATING ANTIRIFLESSO - AR

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).



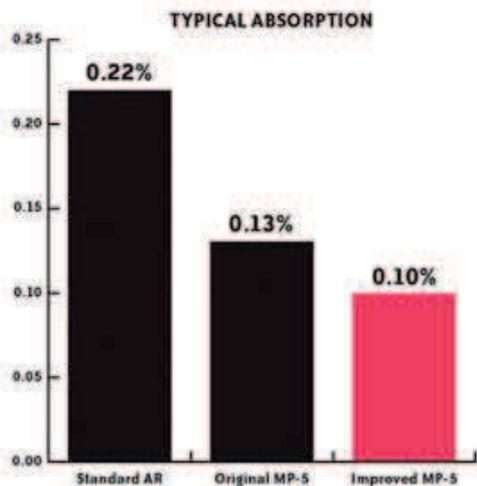
COATING ANTIRIFLESSO A BASSO ASSORBIMENTO - MP5-AR

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:



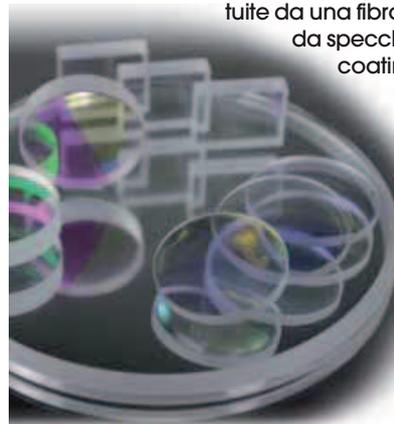
SILVER BASED	GOLD BASED	MAXIMUM METAL REFLECTOR	PHASE RETARDING	POLARIZATION CONTROL
PS	BG	MMR	TRZ	ATFR
ES	PG	MMR-A	RPR	PLM
	EG	DEMRR	HRPR	

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 e 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

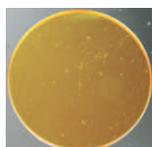
polarizzatori in rotazione, è alimentato tramite rete elettrica o con batterie per consentire una rapida analisi del livello di stress della lente direttamente sul posto prima del montaggio.

LSA MINI

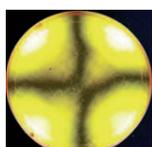
LSA Mini è l'evoluzione, portatile, economica e rapida, di LSA. Seguendo le semplici istruzioni di seguito, potrai velocemente capire, se la lente ha accusato lo stress termico, che può alterare le caratteristiche necessarie al corretto funzionamento della stessa".

Come usare LSA MINI:

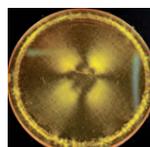
1. Trova lo schermo di computer più vicino
2. Aggancia il Mini LSA sul telefono, rivolto verso l'esterno e accendi la fotocamera.
3. Posiziona la lente, di fronte lo schermo. Ruota il telefono di fronte alla lente.
4. Ruotando il telefono, l'incrocio della polarizzazione, con la luce fluorescente del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



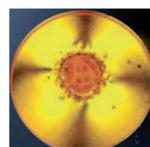
Nessun stress apparente. Potrebbe bastare la pulizia della lente



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



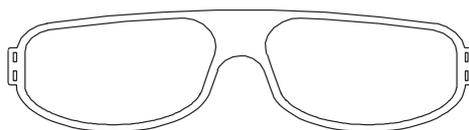
SOFFIETTI PER LASER

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.

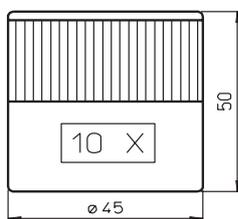
SOFFIETTI PER CREMAGLIERA DI RICAMBIO DELLE PRINCIPALI MARCHE DI MACCHINE TAGLIO LASER

- 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

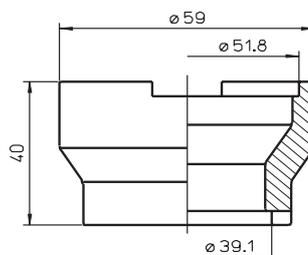




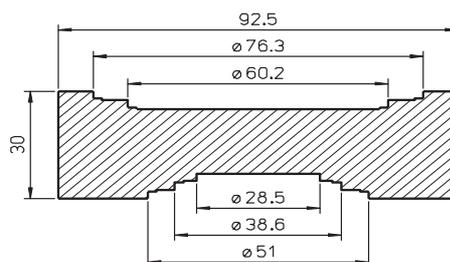
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UAC0001			ACC. LASER CO2 GLASSES CE APPROVED	
UAC0002		240568 - 100	ACC. LENS CLEANING POLISH - ml 100	
UAC0003		240568 - 200	ACC. LENS CLEANING POLISH - ml 200	
UAC0004			ACC. DROPPER FOR LENS CLEANING LIQUID	
UAC0005			ACC. LATEX GLOVES - 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	



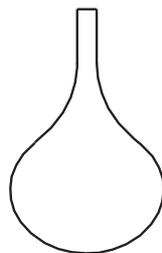
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UAC0012		091860	ACC. SCALE LUPE	



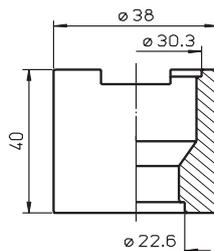
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UAC0013			ACC. BASE FOR LENS MAINTENANCE	



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	

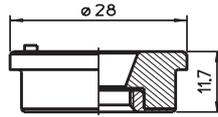
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
ST-3310K			AIR SPEED HAMMER completo di 6 TAMPONI	

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

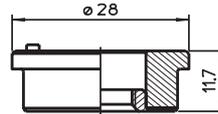
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
LSAMINI			LSA MINI LENS STRESS ANALYZER	

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

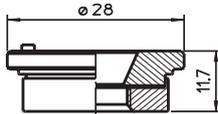
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
LCK5358332			II-VI KIT PULIZIA LENTI FIBRA	



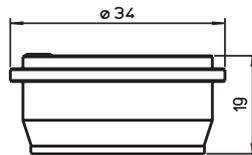
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UPR0001		P0571-1051-00001	PRECITEC® ORIGINAL NOZZLE HOLDER KT B2" CON	
UPR0002		P0571-1051-00001	PRECITEC® NOZZLE HOLDER KT B2" CON	
UPR0003		P0571-1051-00001	PRECITEC® NOZZLE HOLDER KT B2" CON	



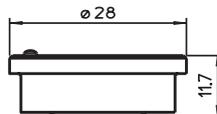
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UPR0004		281330-P0571-260-00001	PRECITEC® ORIGINAL NOZZLE HOLDER KT B2"	
UPR0005		281330 - P0571-260-00001	PRECITEC® NOZZLE HOLDER KT B2"	
UPR0006		281330 - P0571-260-00001	PRECITEC® NOZZLE HOLDER KT B2"	



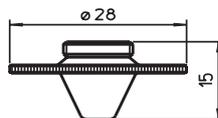
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UPR0007			PRECITEC® NOZZLE HOLDER KT B2" CON	



UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UPR0008			CR ELECTRONIC® NOZZLE HOLDER	

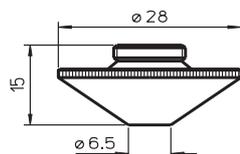


UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UPR0009		281518-PO571-265-00001	PRECITEC® ORIG. NOZZLE HOLDER IT B2" Z ALUMINUM	

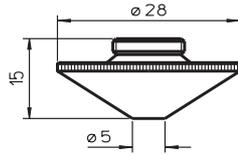


UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UPR0010		281590-P0591-569-00008	PRECITEC® NOZZLE Ø 0.8	
UPR0010-10		281590-P0591-569-00008	PRECITEC® NOZZLE Ø 0.8-box 10 pcs.	
UPR0011		281331-P0591-561-00010	PRECITEC® NOZZLE Ø 1.0	

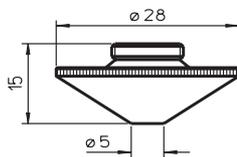
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UPR0011-10		281331-P0591-561-00010	PRECITEC® NOZZLE Ø 1.0-box 10 pcs.	
UPR0012		281351-P0591-562-00012	PRECITEC® NOZZLE Ø 1.2	
UPR0012-10		281351-P0591-562-00012	PRECITEC® NOZZLE Ø 1.2-box 10 pcs.	
UPR0013		281352-P0591-563-00015	PRECITEC® NOZZLE Ø 1.5	
UPR0013-10		281352-P0591-563-00015	PRECITEC® NOZZLE Ø 1.5-box 10 pcs.	
UPR0014-10			PRECITEC® NOZZLE Ø 1.7-box 10 pcs.	
UPR0015		281353-P0591-564-00018	PRECITEC® NOZZLE Ø 1.8	
UPR0015-10		281353-P0591-564-00018	PRECITEC® NOZZLE Ø 1.8-box 10 pcs.	
UPR0016		281354-P591-565-00020	PRECITEC® NOZZLE Ø 2.0	
UPR0016-10		281354-P591-565-00020	PRECITEC® NOZZLE Ø 2.0-box 10 pcs.	
UPR0017			PRECITEC® NOZZLE Ø 2.3	
UPR0017-10			PRECITEC® NOZZLE Ø 2.3-box 10 pcs.	
UPR0018		281591-P0591-566-00025	PRECITEC® NOZZLE Ø 2.5	
UPR0018-10		281591-P0591-566-00025	PRECITEC® NOZZLE Ø 2.5-box 10 pcs.	
UPR0019			PRECITEC® NOZZLE Ø 2.7	
UPR0019-10			PRECITEC® NOZZLE Ø 2.7-box 10 pcs.	
UPR0020			PRECITEC® NOZZLE Ø 3.0	
UPR0020-10			PRECITEC® NOZZLE Ø 3.0-box 10 pcs.	
UPR0010C-10		281590-P0591-569-00008	PRECITEC® NOZZLE Ø 0.8 CP-box 10 pcs.	
UPR0011C		281331-P0591-561-00010	PRECITEC® NOZZLE Ø 1.0 CP	
UPR0011C-10		281331-P0591-561-00010	PRECITEC® NOZZLE Ø 1.0 CP-box 10 pcs.	
UPR0012C		281351-P0591-562-00012	PRECITEC® NOZZLE Ø 1.2 CP	
UPR0012C-10		281351-P0591-562-00012	PRECITEC® NOZZLE Ø 1.2 CP-box 10 pcs.	
UPR0013C		281352-P0591-563-00015	PRECITEC® NOZZLE Ø 1.5 CP	
UPR0013C-10		281352-P0591-563-00015	PRECITEC® NOZZLE Ø 1.5 CP-box 10 pcs.	
UPR0014C-10			PRECITEC® NOZZLE Ø 1.7 CP-box 10 pcs.	
UPR0015C		281353-P0591-564-00018	PRECITEC® NOZZLE Ø 1.8 CP	
UPR0015C-10		281353-P0591-564-00018	PRECITEC® NOZZLE Ø 1.8 CP-box 10 pcs.	
UPR0016C		281354-P591-565-00020	PRECITEC® NOZZLE Ø 2.0 CP	
UPR0016C-10		281354-P591-565-00020	PRECITEC® NOZZLE Ø 2.0 CP-box 10 pcs.	
UPR0017C-10			PRECITEC® NOZZLE Ø 2.3 CP-box 10 pcs.	
UPR0018C-10		281591-P0591-566-00025	PRECITEC® NOZZLE Ø 2.5 CP-box 10 pcs.	
UPR0019C-10			PRECITEC® NOZZLE Ø 2.7 CP-box 10 pcs.	
UPR0020C-10			PRECITEC® NOZZLE Ø 3.0 CP-box 10 pcs.	



UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UPR0036			PRECITEC® NOZZLE Ø 4.0 HD LARGE HEAD	
UPR0036-10			PRECITEC® NOZZLE Ø 4.0 HD LARGE HEAD-box 10 pcs.	
UPR0037			PRECITEC® NOZZLE Ø 4.5 HD LARGE HEAD	
UPR0037-10			PRECITEC® NOZZLE Ø 4.5 HD LARGE HEAD-box 10 pcs.	
UPR0038			PRECITEC® NOZZLE Ø 5.0 HD	
UPR0038-10			PRECITEC® NOZZLE Ø 5.0 HD-box 10 pcs.	

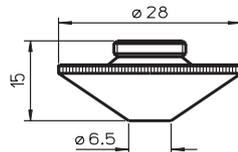


UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UPR0021			PRECITEC® NOZZLE Ø 0.8 HD	
UPR0021-10			PRECITEC® NOZZLE Ø 0.8 HD-box 10 pcs.	
UPR0022		281548-P0591-571-00010	PRECITEC® NOZZLE Ø 1.0 HD	
UPR0022-10		281548-P0591-571-00010	PRECITEC® NOZZLE Ø 1.0 HD-box 10 pcs.	
UPR0023		281549-P0591-572-00012	PRECITEC® NOZZLE Ø 1.2 HD	
UPR0023-10		281549-P0591-572-00012	PRECITEC® NOZZLE Ø 1.2 HD-box 10 pcs.	
UPR0024			PRECITEC® NOZZLE Ø 1.4 HD	
UPR0024-10			PRECITEC® NOZZLE Ø 1.4 HD-box 10 pcs.	
UPR0025		281463-P0591-573-00015	PRECITEC® NOZZLE Ø 1.5 HD	
UPR0025-10		281463-P0591-573-00015	PRECITEC® NOZZLE Ø 1.5 HD-box 10 pcs.	
UPR0026		P0591-574-00018	PRECITEC® NOZZLE Ø 1.8 HD	
UPR0026-10		P0591-574-00018	PRECITEC® NOZZLE Ø 1.8 HD-box 10 pcs.	
UPR0027		281550-P0591-575-00020	PRECITEC® NOZZLE Ø 2.0 HD	
UPR0027-10		281550-P0591-575-00020	PRECITEC® NOZZLE Ø 2.0 HD-box 10 pcs.	
UPR0028			PRECITEC® NOZZLE Ø 2.3 HD	
UPR0028-10			PRECITEC® NOZZLE Ø 2.3 HD-box 10 pcs.	
UPR0029		281551-P0591-576-00025	PRECITEC® NOZZLE Ø 2.5 HD	
UPR0029-10		281551-P0591-576-00025	PRECITEC® NOZZLE Ø 2.5 HD-box 10 pcs.	
UPR0030			PRECITEC® NOZZLE Ø 2.75 HD	
UPR0030-10			PRECITEC® NOZZLE Ø 2.75 HD-box 10 pcs.	
UPR0031			PRECITEC® NOZZLE Ø 3.0 HD	
UPR0031-10			PRECITEC® NOZZLE Ø 3.0 HD-box 10 pcs.	
UPR0032			PRECITEC® NOZZLE Ø 3.2 HD	
UPR0032-10			PRECITEC® NOZZLE Ø 3.2 HD-box 10 pcs.	
UPR0033			PRECITEC® NOZZLE Ø 3.5 HD	
UPR0033-10			PRECITEC® NOZZLE Ø 3.5 HD-box 10 pcs.	
UPR0034			PRECITEC® NOZZLE Ø 4.0 HD	
UPR0034-10			PRECITEC® NOZZLE Ø 4.0 HD-box 10 pcs.	
UPR0035			PRECITEC® NOZZLE Ø 4.5 HD	
UPR0035-10			PRECITEC® NOZZLE Ø 4.5 HD-box 10 pcs.	

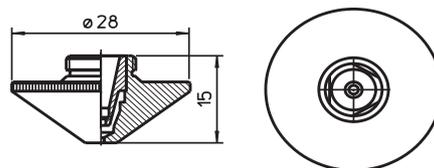


UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UPR0021C-10			PRECITEC® NOZZLE Ø 0.8 HD CP-box 10 pcs.	
UPR0022C		281548-P0591-571-00010	PRECITEC® NOZZLE Ø 1.0 HD CP	
UPR0022C-10		281548-P0591-571-00010	PRECITEC® NOZZLE Ø 1.0 HD CP-box 10 pcs.	
UPR0023C		281549-P0591-572-00012	PRECITEC® NOZZLE Ø 1.2 HD CP	
UPR0023C-10		281549-P0591-572-00012	PRECITEC® NOZZLE Ø 1.2 HD CP-box 10 pcs.	
UPR0024C			PRECITEC® NOZZLE Ø 1.4 HD CP	
UPR0024C-10			PRECITEC® NOZZLE Ø 1.4 HD CP-box 10 pcs.	
UPR0025C		281463-P0591-573-00015	PRECITEC® NOZZLE Ø 1.5 HD CP	

UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UPR0025C-10		281463-P0591-573-00015	PRECITEC® NOZZLE Ø 1.5 HD CP-box 10 pcs.	
UPR0026C		P0591-574-00018	PRECITEC® NOZZLE Ø 1.8 HD CP	
UPR0026C-10		P0591-574-00018	PRECITEC® NOZZLE Ø 1.8 HD CP-box 10 pcs.	
UPR0027C		281550-P0591-575-00020	PRECITEC® NOZZLE Ø 2.0 HD CP	
UPR0027C-10		281550-P0591-575-00020	PRECITEC® NOZZLE Ø 2.0 HD CP-box 10 pcs.	
UPR0028C-10			PRECITEC® NOZZLE Ø 2.3 HD CP-box 10 pcs.	
UPR0029C		281551-P0591-576-00025	PRECITEC® NOZZLE Ø 2.5 HD CP	
UPR0029C-10		281551-P0591-576-00025	PRECITEC® NOZZLE Ø 2.5 HD CP-box 10 pcs.	
UPR0030C-10			PRECITEC® NOZZLE Ø 2.75 HD CP-box 10 pcs.	
UPR0031C			PRECITEC® NOZZLE Ø 3.0 HD CP	
UPR0031C-10			PRECITEC® NOZZLE Ø 3.0 HD CP-box 10 pcs.	
UPR0032C-10			PRECITEC® NOZZLE Ø 3.2 HD CP-box 10 pcs.	
UPR0033C-10			PRECITEC® NOZZLE Ø 3.5 HD CP-box 10 pcs.	
UPR0034C			PRECITEC® NOZZLE Ø 4.0 HD CP	
UPR0034C-10			PRECITEC® NOZZLE Ø 4.0 HD CP-box 10 pcs.	
UPR0035C-10			PRECITEC® NOZZLE Ø 4.5 HD CP-box 10 pcs.	

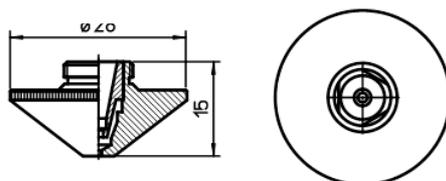


UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UPR0036C			PRECITEC® NOZZLE Ø 4.0 HD LARGE HEAD CP	
UPR0036C-10			PRECITEC® NOZZLE Ø 4.0 HD LARGE HEAD CP-box 10 pcs.	
UPR0037C			PRECITEC® NOZZLE Ø 4.5 HD LARGE HEAD CP	
UPR0037C-10			PRECITEC® NOZZLE Ø 4.5 HD LARGE HEAD CP-box 10 pcs.	

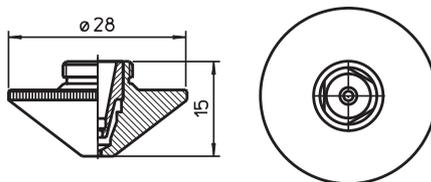


UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UPR0039			PRECITEC® DOUBLE NOZZLE Ø 0.8 - 1.5	
UPR0039-10			PRECITEC® DOUBLE NOZZLE Ø 0.8 - 1.5-box 10 pcs.	
UPR0041			PRECITEC® DOUBLE NOZZLE Ø 1.0 - 1.5	
UPR0041-10			PRECITEC® DOUBLE NOZZLE Ø 1.0 - 1.5-box 10 pcs.	
UPR0043			PRECITEC® DOUBLE NOZZLE Ø 1.2 - 1.2	
UPR0043-10			PRECITEC® DOUBLE NOZZLE Ø 1.2 - 1.2-box 10 pcs.	
UPR0044		P0591-002-00012	PRECITEC® DOUBLE NOZZLE Ø 1.2 - 1.5	
UPR0044-10		P0591-002-00012	PRECITEC® DOUBLE NOZZLE Ø 1.2 - 1.5-box 10 pcs.	
UPR0045			PRECITEC® DOUBLE NOZZLE Ø 1.4 - 1.5	
UPR0045-10			PRECITEC® DOUBLE NOZZLE Ø 1.4 - 1.5-box 10 pcs.	
UPR0046		P0591-002-00015	PRECITEC® DOUBLE NOZZLE Ø 1.5 - 1.5	
UPR0046-10		P0591-002-00015	PRECITEC® DOUBLE NOZZLE Ø 1.5 - 1.5 box 10 pcs.	
UPR0047		P0591-002-00018	PRECITEC® DOUBLE NOZZLE Ø 1.8 - 1.5	
UPR0047-10		P0591-002-00018	PRECITEC® DOUBLE NOZZLE Ø 1.8 - 1.5-box 10 pcs.	
UPR0048		P0591-002-00020	PRECITEC® DOUBLE NOZZLE Ø 2.0 - 1.5	
UPR0048-10		P0591-002-00020	PRECITEC® DOUBLE NOZZLE Ø 2.0 - 1.5-box 10 pcs.	

UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UPR0049			PRECITEC® DOUBLE NOZZLE Ø 2.0 - 1.8	
UPR0050-10			PRECITEC® DOUBLE NOZZLE Ø 2.0 - 2.0-box 10 pcs.	
UPR0051			PRECITEC® DOUBLE NOZZLE Ø 2.3 - 1.5	
UPR0051-10			PRECITEC® DOUBLE NOZZLE Ø 2.3 - 1.5-box 10 pcs.	
UPR0052			PRECITEC® DOUBLE NOZZLE Ø 2.5 - 1.5	
UPR0052-10			PRECITEC® DOUBLE NOZZLE Ø 2.5 - 1.5-box 10 pcs.	
UPR0053			PRECITEC® DOUBLE NOZZLE Ø 2.5 - 2.0	
UPR0053-10			PRECITEC® DOUBLE NOZZLE Ø 2.5 - 2.0-box 10 pcs.	
UPR0054			PRECITEC® DOUBLE NOZZLE Ø 3.0 - 1.5	
UPR0054-10			PRECITEC® DOUBLE NOZZLE Ø 3.0 - 1.5-box 10 pcs.	
UPR0055-10			PRECITEC® DOUBLE NOZZLE Ø 3.0 - 2.0-box 10 pcs.	
UPR0056			PRECITEC® DOUBLE NOZZLE Ø 3.5 - 1.5	
UPR0056-10			PRECITEC® DOUBLE NOZZLE Ø 3.5 - 1.5-box 10 pcs.	
UPR0057			PRECITEC® DOUBLE NOZZLE Ø 4.0 - 1.5	
UPR0057-10			PRECITEC® DOUBLE NOZZLE Ø 4.0 - 1.5-box 10 pcs.	
UPR0058			PRECITEC® DOUBLE NOZZLE Ø 4.5 - 1.5	
UPR0058-10			PRECITEC® DOUBLE NOZZLE Ø 4.5 - 1.5-box 10 pcs.	
UPR0059			PRECITEC® DOUBLE NOZZLE Ø 5.0 - 1.5	
UPR0059-10			PRECITEC® DOUBLE NOZZLE Ø 5.0 - 1.5-box 10 pcs.	

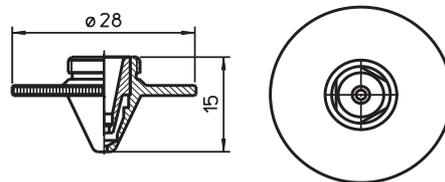


UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UPR0060			PENTA ® DOUBLE NOZZLE Ø 1.0	
UPR0061			PENTA ® DOUBLE NOZZLE Ø 1.2	
UPR0062			PENTA ® DOUBLE NOZZLE Ø 1.5	
UPR0063			PENTA ® DOUBLE NOZZLE Ø 2.0	
UPR0064			PENTA ® DOUBLE NOZZLE Ø 2.5	
UPR0065			PENTA ® DOUBLE NOZZLE Ø 3.0	
UPR0066			PENTA ® DOUBLE NOZZLE Ø 3.5	
UPR0067			PENTA ® DOUBLE NOZZLE Ø 4.0	
UPR0068			PENTA ® DOUBLE NOZZLE Ø 4.5	

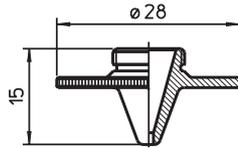


UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UPR0039C			PRECITEC® DOUBLE NOZZLE Ø 0.8 - 1.5 CP	
UPR0039C-10			PRECITEC® DOUBLE NOZZLE Ø 0.8 - 1.5 CP-box 10 pcs.	
UPR0041C			PRECITEC® DOUBLE NOZZLE Ø 1.0 - 1.5 CP	
UPR0041C-10			PRECITEC® DOUBLE NOZZLE Ø 1.0 - 1.5 CP-box 10 pcs.	
UPR0044C			PRECITEC® DOUBLE NOZZLE Ø 1.2 - 1.5 CP	
UPR0044C-10			PRECITEC® DOUBLE NOZZLE Ø 1.2 - 1.5 CP-box 10 pcs.	

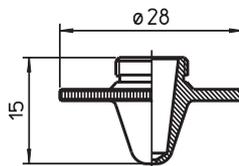
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UPR0045C			PRECITEC® DOUBLE NOZZLE Ø 1.4 - 1.5 CP	
UPR0045C-10			PRECITEC® DOUBLE NOZZLE Ø 1.4 - 1.5 CP-box 10 pcs.	
UPR0046C			PRECITEC® DOUBLE NOZZLE Ø 1.5 - 1,5 CP	
UPR0046C-10			PRECITEC® DOUBLE NOZZLE Ø 1.5 - 1.5 CP-box 10 pcs.	
UPR0047C			PRECITEC® DOUBLE NOZZLE Ø 1.8 - 1.5 CP	
UPR0047C-10			PRECITEC® DOUBLE NOZZLE Ø 1.8 - 1.5 CP-box 10 pcs.	
UPR0048C			PRECITEC® DOUBLE NOZZLE Ø 2.0 - 1.5 CP	
UPR0048C-10			PRECITEC® DOUBLE NOZZLE Ø 2.0 - 1.5 CP-box 10 pcs.	
UPR0051C-10			PRECITEC® DOUBLE NOZZLE Ø 2.3 - 1.5 CP-box 10 pcs.	
UPR0052C			PRECITEC® DOUBLE NOZZLE Ø 2.5 - 1.5 CP	
UPR0052C-10			PRECITEC® DOUBLE NOZZLE Ø 2.5 - 1.5 CP-box 10 pcs.	
UPR0054C			PRECITEC® DOUBLE NOZZLE Ø 3.0 - 1.5 CP	
UPR0054C-10			PRECITEC® DOUBLE NOZZLE Ø 3.0 - 1.5 CP-box 10 pcs.	
UPR0056C			PRECITEC® DOUBLE NOZZLE Ø 3.5 - 1.5 CP	
UPR0056C-10			PRECITEC® DOUBLE NOZZLE Ø 3.5 - 1.5 CP-box 10 pcs.	
UPR0057C			PRECITEC® DOUBLE NOZZLE Ø 4.0 - 1.5 CP	
UPR0057C-10			PRECITEC® DOUBLE NOZZLE Ø 4.0 - 1.5 CP-box 10 pcs.	
UPR0058C			PRECITEC® DOUBLE NOZZLE Ø 4.5 - 1.5 CP	
UPR0058C-10			PRECITEC® DOUBLE NOZZLE Ø 4.5 - 1.5 CP-box 10 pcs.	
UPR0059C			PRECITEC® DOUBLE NOZZLE Ø 5.0 - 1.5 CP	
UPR0059C-10			PRECITEC® DOUBLE NOZZLE Ø 5.0 - 1.5 CP-box 10 pcs.	



UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UPR0069		6930250001	PRECITEC® 3D DOUBLE NOZZLE Ø 0.8 - 1.5	
UPR0069-10		6930250001	PRECITEC® 3D DOUBLE NOZZLE Ø 0.8 - 1.5-box 10 pcs.	
UPR0070		6930250002	PRECITEC® 3D DOUBLE NOZZLE Ø 1.0 - 1.5	
UPR0070-10		6930250002	PRECITEC® 3D DOUBLE NOZZLE Ø 1.0 - 1.5-box 10 pcs.	
UPR0071		6930250003	PRECITEC® 3D DOUBLE NOZZLE Ø 1.2 - 1.5	
UPR0071-10		6930250003	PRECITEC® 3D DOUBLE NOZZLE Ø 1.2 - 1.5-box 10 pcs.	
UPR0072		6930250004	PRECITEC® 3D DOUBLE NOZZLE Ø 1.5 - 1.5	
UPR0072-10		6930250004	PRECITEC® 3D DOUBLE NOZZLE Ø 1.5 - 1.5-box 10 pcs.	
UPR0073			PRECITEC® 3D DOUBLE NOZZLE Ø 1.8 - 1.5	
UPR0073-10			PRECITEC® 3D DOUBLE NOZZLE Ø 1.8 - 1.5-box 10 pcs.	
UPR0069C-10			PRECITEC® 3D DOUBLE NOZZLE Ø 0.8 - 1.5 CP-box 10 pcs.	
UPR0070C			PRECITEC® 3D DOUBLE NOZZLE Ø 1.0 - 1.5 CP	
UPR0070C-10			PRECITEC® 3D DOUBLE NOZZLE Ø 1.0 - 1.5 CP-box 10 pcs.	
UPR0071C			PRECITEC® 3D DOUBLE NOZZLE Ø 1.2 - 1.5 CP	
UPR0071C-10			PRECITEC® 3D DOUBLE NOZZLE Ø 1.2 - 1.5 CP-box 10 pcs.	
UPR0072C			PRECITEC® 3D DOUBLE NOZZLE Ø 1.5 - 1.5 CP	
UPR0072C-10			PRECITEC® 3D DOUBLE NOZZLE Ø 1.5 - 1.5 CP-box 10 pcs.	
UPR0073C-10			PRECITEC® 3D DOUBLE NOZZLE Ø 1.8 - 1.5 CP-box 10 pcs.	



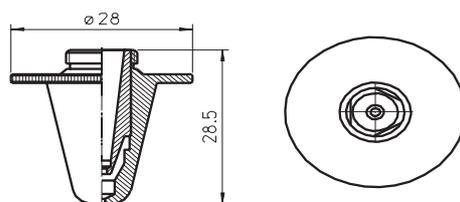
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UPR0074			PRECITEC® NOZZLE Ø 0.8 HD	
UPR0074-10			PRECITEC® NOZZLE Ø 0.8 HD-box 10 pcs.	
UPR0075			PRECITEC® NOZZLE Ø 1.0 HD	
UPR0075-10			PRECITEC® NOZZLE Ø 1.0 HD-box 10 pcs.	
UPR0076			PRECITEC® NOZZLE Ø 1.2 HD	
UPR0076-10			PRECITEC® NOZZLE Ø 1.2 HD-box 10 pcs.	
UPR0077			PRECITEC® NOZZLE Ø 1.5 HD	
UPR0077-10			PRECITEC® NOZZLE Ø 1.5 HD-box 10 pcs.	
UPR0074C-10			PRECITEC® NOZZLE Ø 0.8 HD CP-box 10 pcs.	
UPR0075C-10			PRECITEC® NOZZLE Ø 1.0 HD CP-box 10 pcs.	
UPR0076C-10			PRECITEC® NOZZLE Ø 1.2 HD CP-box 10 pcs.	
UPR0077C-10			PRECITEC® NOZZLE Ø 1.5 HD CP-box 10 pcs.	



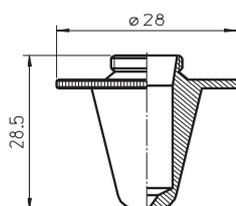
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UPR0078			PRECITEC® NOZZLE Ø 0.8	
UPR0078-10			PRECITEC® NOZZLE Ø 0.8-box 10 pcs.	
UPR0079			PRECITEC® NOZZLE Ø 1.0	
UPR0079-10			PRECITEC® NOZZLE Ø 1.0-box 10 pcs.	
UPR0080			PRECITEC® NOZZLE Ø 1.2	
UPR0080-10			PRECITEC® NOZZLE Ø 1.2-box 10 pcs.	
UPR0081		P0591-1049-00015	PRECITEC® NOZZLE Ø 1.5	
UPR0081-10			PRECITEC® NOZZLE Ø 1.5-box 10 pcs.	
UPR0082		P0591-1050-00018	PRECITEC® NOZZLE Ø 1.8	
UPR0082-10			PRECITEC® NOZZLE Ø 1.8-box 10 pcs.	
UPR0083			PRECITEC® NOZZLE Ø 2.0	
UPR0083-10			PRECITEC® NOZZLE Ø 2.0-box 10 pcs.	
UPR0078C-10			PRECITEC® NOZZLE Ø 0.8 CP-box 10 pcs.	
UPR0079C-10			PRECITEC® NOZZLE Ø 1.0 CP-box 10 pcs.	
UPR0080C-10			PRECITEC® NOZZLE Ø 1.2 CP-box 10 pcs.	
UPR0081C-10			PRECITEC® NOZZLE Ø 1.5 CP-box 10 pcs.	
UPR0082C-10			PRECITEC® NOZZLE Ø 1.8 CP-box 10 pcs.	
UPR0083C-10			PRECITEC® NOZZLE Ø 2.0 CP-box 10 pcs.	

replacement parts suitable

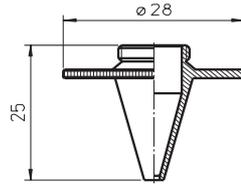
PRECITEC®



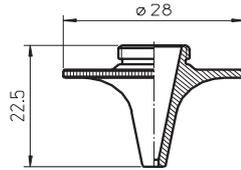
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UPR0084			PRECITEC® DOUBLE NOZZLE Ø 1.0 - LONG	
UPR0084-5			PRECITEC® DOUBLE NOZZLE Ø 1.0 - LONG-box 5 pcs.	
UPR0085			PRECITEC® DOUBLE NOZZLE Ø 1.2 - LONG	
UPR0085-5			PRECITEC® DOUBLE NOZZLE Ø 1.2 - LONG-box 5 pcs.	
UPR0086			PRECITEC® DOUBLE NOZZLE Ø 1.5 - LONG	
UPR0086-5			PRECITEC® DOUBLE NOZZLE Ø 1.5 - LONG-box 5 pcs.	
UPR0087			PRECITEC® DOUBLE NOZZLE Ø 1.8 - LONG	
UPR0087-5			PRECITEC® DOUBLE NOZZLE Ø 1.8 - LONG-box 5 pcs.	
UPR0088			PRECITEC® DOUBLE NOZZLE Ø 2.0 - LONG	
UPR0088-5			PRECITEC® DOUBLE NOZZLE Ø 2.0 - LONG-box 5 pcs.	
UPR0089			PRECITEC® DOUBLE NOZZLE Ø 2.3 - LONG	
UPR0089-5			PRECITEC® DOUBLE NOZZLE Ø 2.3 - LONG-box 5 pcs.	
UPR0090			PRECITEC® DOUBLE NOZZLE Ø 2.5 - LONG	
UPR0090-5			PRECITEC® DOUBLE NOZZLE Ø 2.5 - LONG-box 5 pcs.	
UPR0091			PRECITEC® DOUBLE NOZZLE Ø 3.0 - LONG	
UPR0091-5			PRECITEC® DOUBLE NOZZLE Ø 3.0 - LONG-box 5 pcs.	
UPR0092			PRECITEC® DOUBLE NOZZLE Ø 3.5 - LONG	
UPR0092-5			PRECITEC® DOUBLE NOZZLE Ø 3.5 - LONG-box 5 pcs.	



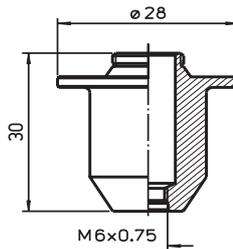
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UPR0093		P0573-563-00010	PRECITEC® NOZZLE Ø 1.0 LONGED	
UPR0093-5		P0573-563-00010	PRECITEC® NOZZLE Ø 1.0 LONGED-box 5 pcs.	
UPR0094		P0573-563-00012	PRECITEC® NOZZLE Ø 1.2 LONGED	
UPR0094-5		P0573-563-00012	PRECITEC® NOZZLE Ø 1.2 LONGED-box 5 pcs.	
UPR0095		P0573-563-00015	PRECITEC® NOZZLE Ø 1.5 LONGED	
UPR0095-5		P0573-563-00015	PRECITEC® NOZZLE Ø 1.5 LONGED-box 5 pcs.	
UPR0096			PRECITEC® NOZZLE Ø 1.8 LONGED	
UPR0096-5			PRECITEC® NOZZLE Ø 1.8 LONGED-box 5 pcs.	
UPR0097		P0573-564-00020	PRECITEC® NOZZLE Ø 2.0 LONGED	
UPR0097-5		P0573-564-00020	PRECITEC® NOZZLE Ø 2.0 LONGED-box 5 pcs.	
UPR0099		P0573-566-00025	PRECITEC® NOZZLE Ø 2.5 LONGED	
UPR0099-5		P0573-566-00025	PRECITEC® NOZZLE Ø 2.5 LONGED-box 5 pcs.	
UPR0100			PRECITEC® NOZZLE Ø 3.0 LONGED	
UPR0100-5			PRECITEC® NOZZLE Ø 3.0 LONGED-box 5 pcs.	



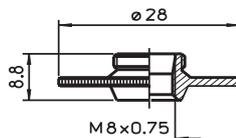
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UPR0101			PRECITEC® NOZZLE Ø 1.0 LONG	
UPR0102			PRECITEC® NOZZLE Ø 1.5 LONG	
UPR0104			PRECITEC® NOZZLE Ø 2.0 LONG	



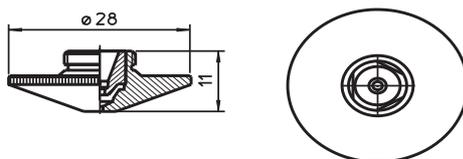
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UPR0105		P0578-0411-00010	PRECITEC® NOZZLE RADIUS Ø 1.0 LONG	
UPR0106		P0578-0412-00012	PRECITEC® NOZZLE RADIUS Ø 1.2 LONG	
UPR0107		P0578-0413-00015	PRECITEC® NOZZLE RADIUS Ø 1.5 LONG	
UPR0108		P0578-0414-00018	PRECITEC® NOZZLE RADIUS Ø 1.8 LONG	
UPR0109		P0578-0415-00020	PRECITEC® NOZZLE RADIUS Ø 2.0 LONG	
UPR0110		P0578-0417-00025	PRECITEC® NOZZLE RADIUS Ø 2.5 LONG	
UPR0105C			PRECITEC® NOZZLE RADIUS Ø 1.0 LONG CP	
UPR0106C			PRECITEC® NOZZLE RADIUS Ø 1.2 LONG CP	
UPR0107C			PRECITEC® NOZZLE RADIUS Ø 1.5 LONG CP	
UPR0108C			PRECITEC® NOZZLE RADIUS Ø 1.8 LONG CP	
UPR0109C			PRECITEC® NOZZLE RADIUS Ø 2.0 LONG CP	
UPR0110C			PRECITEC® NOZZLE RADIUS Ø 2.5 LONG CP	



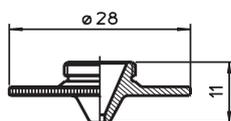
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UPR0112			PRECITEC® ADAPTER L=30 FOR TRUMPF® NOZZLE M6	



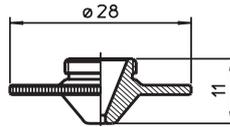
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UPR0114			PRECITEC® ADAPTER FOR TRUMPF® NOZZLE	



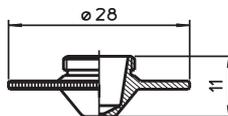
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UPR0115-10			PRECITEC® DOUBLE NOZZLE Ø 1.0 -box 10 pcs.	
UPR0120-10			PRECITEC® DOUBLE NOZZLE Ø 1.2 -box 10 pcs.	
UPR0121-10			PRECITEC® DOUBLE NOZZLE Ø 1.4 -box 10 pcs.	
UPR0116			PRECITEC® DOUBLE NOZZLE Ø 1.5	
UPR0116-10			PRECITEC® DOUBLE NOZZLE Ø 1.5 -box 10 pcs.	
UPR0122-10			PRECITEC® DOUBLE NOZZLE Ø 1.8 -box 10 pcs.	
UPR0117-10			PRECITEC® DOUBLE NOZZLE Ø 2.0 -box 10 pcs.	
UPR0118-10			PRECITEC® DOUBLE NOZZLE Ø 2.5 -box 10 pcs.	
UPR0119-10			PRECITEC® DOUBLE NOZZLE Ø 3.0 -box 10 pcs.	
UPR0115C			PRECITEC® DOUBLE NOZZLE Ø 1.0 CP	
UPR0115C-10			PRECITEC® DOUBLE NOZZLE Ø 1.0 CP-box 10 pcs.	
UPR0120C			PRECITEC® DOUBLE NOZZLE Ø 1.2 CP	
UPR0120C-10			PRECITEC® DOUBLE NOZZLE Ø 1.2 CP-box 10 pcs.	
UPR0121C			PRECITEC® DOUBLE NOZZLE Ø 1.4 CP	
UPR0121C-10			PRECITEC® DOUBLE NOZZLE Ø 1.4 CP-box 10 pcs.	
UPR0116C			PRECITEC® DOUBLE NOZZLE Ø 1.5 CP	
UPR0116C-10			PRECITEC® DOUBLE NOZZLE Ø 1.5 CP-box 10 pcs.	
UPR0122C			PRECITEC® DOUBLE NOZZLE Ø 1.8 CP	
UPR0122C-10			PRECITEC® DOUBLE NOZZLE Ø 1.8 CP-box 10 pcs.	
UPR0117C			PRECITEC® DOUBLE NOZZLE Ø 2.0 CP	
UPR0117C-10			PRECITEC® DOUBLE NOZZLE Ø 2.0 CP-box 10 pcs.	
UPR0118C			PRECITEC® DOUBLE NOZZLE Ø 2.5 CP	
UPR0118C-10			PRECITEC® DOUBLE NOZZLE Ø 2.5 CP-box 10 pcs.	
UPR0119C			PRECITEC® DOUBLE NOZZLE Ø 3.0 CP	
UPR0119C-10			PRECITEC® DOUBLE NOZZLE Ø 3.0 CP-box 10 pcs.	
UPR0123C			PRECITEC® DOUBLE NOZZLE Ø 3.5 CP	



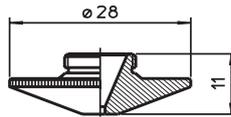
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UPR0124-10			PRECITEC® NOZZLE Ø 1.5 HD-box 10 pcs.	
UPR0125			PRECITEC® NOZZLE Ø 2.0 HD	
UPR0125-10			PRECITEC® NOZZLE Ø 2.0 HD-box 10 pcs.	
UPR0126			PRECITEC® NOZZLE Ø 2.5 HD	
UPR0126-10			PRECITEC® NOZZLE Ø 2.5 HD-box 10 pcs.	
UPR0124C-10			PRECITEC® NOZZLE Ø 1.5 HD CP-box 10 pcs.	
UPR0125C-10			PRECITEC® NOZZLE Ø 2.0 HD CP-box 10 pcs.	
UPR0126C-10			PRECITEC® NOZZLE Ø 2.5 HD CP-box 10 pcs.	



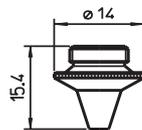
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UPR0127			PRECITEC® NOZZLE Ø 1.0 HD	
UPR0127-10			PRECITEC® NOZZLE Ø 1.0 HD-box 10 pcs.	
UPR0128			PRECITEC® NOZZLE Ø 1.2 HD	
UPR0128-10			PRECITEC® NOZZLE Ø 1.2 HD-box 10 pcs.	
UPR0129			PRECITEC® NOZZLE Ø 1.5 HD	
UPR0129-10			PRECITEC® NOZZLE Ø 1.5 HD-box 10 pcs.	
UPR0130			PRECITEC® NOZZLE Ø 2.0 HD	
UPR0130-10			PRECITEC® NOZZLE Ø 2.0 HD-box 10 pcs.	
UPR0131			PRECITEC® NOZZLE Ø 2.5 HD	
UPR0131-10			PRECITEC® NOZZLE Ø 2.5 HD-box 10 pcs.	
UPR0132			PRECITEC® NOZZLE Ø 3.0 HD	
UPR0132-10			PRECITEC® NOZZLE Ø 3.0 HD-box 10 pcs.	
UPR0133			PRECITEC® NOZZLE Ø 3.5 HD	
UPR0133-10			PRECITEC® NOZZLE Ø 3.5 HD-box 10 pcs.	
UPR0134			PRECITEC® NOZZLE Ø 4.0 HD	
UPR0134-10			PRECITEC® NOZZLE Ø 4.0 HD-box 10 pcs.	
UPR0135			PRECITEC® NOZZLE Ø 4.5 HD	
UPR0135-10			PRECITEC® NOZZLE Ø 4.5 HD-box 10 pcs.	
UPR0136			PRECITEC® NOZZLE Ø 5.0 HD	
UPR0136-10			PRECITEC® NOZZLE Ø 5.0 HD-box 10 pcs.	
UPR0127C-10			PRECITEC® NOZZLE Ø 1.0 HD CP-box 10 pcs.	
UPR0128C-10			PRECITEC® NOZZLE Ø 1.2 HD CP-box 10 pcs.	
UPR0129C-10			PRECITEC® NOZZLE Ø 1.5 HD CP-box 10 pcs.	
UPR0130C-10			PRECITEC® NOZZLE Ø 2.0 HD CP-box 10 pcs.	
UPR0131C-10			PRECITEC® NOZZLE Ø 2.5 HD CP-box 10 pcs.	
UPR0132C-10			PRECITEC® NOZZLE Ø 3.0 HD CP-box 10 pcs.	
UPR0133C-10			PRECITEC® NOZZLE Ø 3.5 HD CP-box 10 pcs.	
UPR0134C-10			PRECITEC® NOZZLE Ø 4.0 HD CP-box 10 pcs.	
UPR0135C-10			PRECITEC® NOZZLE Ø 4.5 HD CP-box 10 pcs.	
UPR0136C-10			PRECITEC® NOZZLE Ø 5.0 HD CP-box 10 pcs.	



UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UPR0137		281340-P0571-281-00010	PRECITEC® NOZZLE Ø 1.0	
UPR0137-10		281340-P0571-281-00010	PRECITEC® NOZZLE Ø 1.0-box 10 pcs.	
UPR0138		281341-P0571-282-00012	PRECITEC® NOZZLE Ø 1.2	
UPR0138-10		281341-P0571-282-00012	PRECITEC® NOZZLE Ø 1.2-box 10 pcs.	
UPR0139		281342-P0571-283-00015	PRECITEC® NOZZLE Ø 1.5	
UPR0139-10		281342-P0571-283-00015	PRECITEC® NOZZLE Ø 1.5-box 10 pcs.	
UPR0140-10		281342-P0571-284-00018	PRECITEC® NOZZLE Ø 1.8-box 10 pcs.	
UPR0142		281343-P0571-285-00020	PRECITEC® NOZZLE Ø 2.0	
UPR0142-10		281343-P0571-285-00020	PRECITEC® NOZZLE Ø 2.0-box 10 pcs.	
UPR0143		281344-P0571-286-00025	PRECITEC® NOZZLE Ø 2.5	
UPR0143-10		281344-P0571-286-00025	PRECITEC® NOZZLE Ø 2.5-box 10 pcs.	

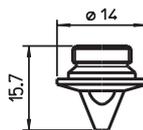


UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UPR0144		281599-P0571-291-00010	PRECITEC® NOZZLE Ø 1.0	
UPR0144-10		281599-P0571-291-00010	PRECITEC® NOZZLE Ø 1.0-box 10 pcs.	
UPR0145		P0571-292-00012	PRECITEC® NOZZLE Ø 1.2	
UPR0145-10		P0571-292-00012	PRECITEC® NOZZLE Ø 1.2-box 10 pcs.	
UPR0146		281570-P0571-293-00015	PRECITEC® NOZZLE Ø 1.5	
UPR0146-10		281570-P0571-293-00015	PRECITEC® NOZZLE Ø 1.5-box 10 pcs.	
UPR0147			PRECITEC® NOZZLE Ø 1.8	
UPR0147-10			PRECITEC® NOZZLE Ø 1.8-box 10 pcs.	
UPR0148		281571-P0571-295-00020	PRECITEC® NOZZLE Ø 2.0	
UPR0148-10		281571-P0571-295-00020	PRECITEC® NOZZLE Ø 2.0-box 10 pcs.	
UPR0149		281572-P0571-297-00025	PRECITEC® NOZZLE Ø 2.5	
UPR0149-10		281572-P0571-297-00025	PRECITEC® NOZZLE Ø 2.5-box 10 pcs.	
UPR0150			PRECITEC® NOZZLE Ø 3.0	
UPR0150-10			PRECITEC® NOZZLE Ø 3.0-box 10 pcs.	
UPR0144C-10			PRECITEC® NOZZLE Ø 1.0 CP-box 10 pcs.	
UPR0145C-10			PRECITEC® NOZZLE Ø 1.2 CP-box 10 pcs.	
UPR0146C-10			PRECITEC® NOZZLE Ø 1.5 CP-box 10 pcs.	
UPR0147C-10			PRECITEC® NOZZLE Ø 1.8 CP-box 10 pcs.	
UPR0148C-10			PRECITEC® NOZZLE Ø 2.0 CP-box 10 pcs.	
UPR0149C-10			PRECITEC® NOZZLE Ø 2.5 CP-box 10 pcs.	
UPR0150C-10			PRECITEC® NOZZLE Ø 3.0 CP-box 10 pcs.	



TRUMPF®

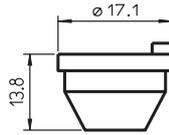
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UPR0151		281813-P0589-424-00008	PRECITEC® NOZZLE Ø 0.8	
UPR0151-10		281813-P0589-424-00008	PRECITEC® NOZZLE Ø 0.8-box 10 pcs.	
UPR0152		281789-P0589-426-00010	PRECITEC® NOZZLE Ø 1.0	
UPR0152-10		281789-P0589-426-00010	PRECITEC® NOZZLE Ø 1.0-box 10 pcs.	
UPR0153		281561 - 778550	PRECITEC® NOZZLE Ø 1.2	
UPR0153-10		281561 - 778550	PRECITEC® NOZZLE Ø 1.2-box 10 pcs.	
UPR0154		281814 - 149957	PRECITEC® NOZZLE Ø 1.5	
UPR0154-10		281814 - 149957	PRECITEC® NOZZLE Ø 1.5-box 10 pcs.	
UPR0155-10		P0589-428-00020	PRECITEC® NOZZLE Ø 2.0-box 10 pcs.	



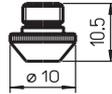
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UPR0156-10		281498-PO587-722-00010	PRECITEC® NOZZLE Ø 1.0-box 10 pcs.	
UPR0157-10		PO587-723-00012	PRECITEC® NOZZLE Ø 1.2-box 10 pcs.	
UPR0158		281497-PO587-721-00015	PRECITEC® NOZZLE Ø 1.5	
UPR0158-10		281497-PO587-721-00015	PRECITEC® NOZZLE Ø 1.5-box 10 pcs.	
UPR0160		281567-PO587-771-00020	PRECITEC® NOZZLE Ø 2.0	
UPR0160-10		281567-PO587-771-00020	PRECITEC® NOZZLE Ø 2.0-box 10 pcs.	
UPR0161-10		PO587-772-00025	PRECITEC® NOZZLE Ø 2.5-box 10 pcs.	

replacement parts suitable

PRECITEC®


5"KN SENSOR SYSTEM

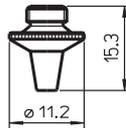
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UPR0162	AL53	280408-092405	TRUMPF® ORIG. NOZZLE HOLDER KT M1.5" KN	



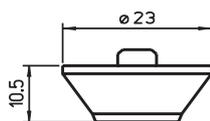
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UPR0163-10			PRECITEC® NOZZLE Ø 0.8-box 10 pcs.	
UPR0164-10		280551-P0494-853-00010	PRECITEC® NOZZLE Ø 1.0-box 10 pcs.	
UPR0165		280552-P0494-854-00012	PRECITEC® NOZZLE Ø 1.2	
UPR0165-10		280552-P0494-854-00012	PRECITEC® NOZZLE Ø 1.2-box 10 pcs.	
UPR0166		280553-P0494-855-00015	PRECITEC® NOZZLE Ø 1.5	
UPR0166-10		280553-P0494-855-00015	PRECITEC® NOZZLE Ø 1.5-box 10 pcs.	
UPR0167		280554-P0494-856-00017	PRECITEC® NOZZLE Ø 1.7	
UPR0167-10		280553-P0494-856-00017	PRECITEC® NOZZLE Ø 1.7-box 10 pcs.	
UPR0168		280555-P0494-855-00020	PRECITEC® NOZZLE Ø 2.0	
UPR0168-10		280555-P0494-855-00020	PRECITEC® NOZZLE Ø 2.0-box 10 pcs.	
UPR0169-10			PRECITEC® NOZZLE Ø 2.3-box 10 pcs.	
UPR0170-10			PRECITEC® NOZZLE Ø 2.5-box 10 pcs.	
UPR0171-10			PRECITEC® NOZZLE Ø 3.0-box 10 pcs.	
UPR0172-10			PRECITEC® NOZZLE Ø 4.0-box 10 pcs.	


DE M 1,5"

UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UPR0173-10		280943-P0494-787-00010	PRECITEC® NOZZLE Ø 1.0 KN TAK-box 10 pcs.	
UPR0174		280942-P0494-788-00012	PRECITEC® NOZZLE Ø 1.2 KN TAK	
UPR0174-10		280942-P0494-788-00012	PRECITEC® NOZZLE Ø 1.2 KN TAK-box 10 pcs.	
UPR0175		280941-P0494-789-00015	PRECITEC® NOZZLE Ø 1.5 KN TAK	
UPR0175-10		280941-P0494-789-00015	PRECITEC® NOZZLE Ø 1.5 KN TAK-box 10 pcs.	
UPR0176			PRECITEC® NOZZLE Ø 1.8 KN TAK	
UPR0176-10			PRECITEC® NOZZLE Ø 1.8 KN TAK-box 10 pcs.	
UPR0177			PRECITEC® NOZZLE Ø 2.0 KN TAK	
UPR0177-10			PRECITEC® NOZZLE Ø 2.0 KN TAK-box 10 pcs.	

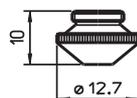

DE Y 30/22

UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UPR0230-10			PRECITEC® NOZZLE 1.0-box 10 pcs.	
UPR0178		P0787-482-00012	PRECITEC® NOZZLE Ø 1.2 DE Y30/22 F100	
UPR0178-10		P0787-482-00012	PRECITEC® NOZZLE 1.2 DE Y30/22 F100-box 10 pcs.	
UPR0179		P0787-483-00015	PRECITEC® NOZZLE Ø 1.5 DE Y30/22 F100	
UPR0179-10		P0787-483-00015	PRECITEC® NOZZLE 1.5 DE Y30/22 F100-box 10 pcs.	
UPR0231-10			PRECITEC® NOZZLE 1.7-box 10 pcs.	
UPR0232-10		P0787-1001-00020	PRECITEC® NOZZLE 2.0-box 10 pcs.	
UPR0233-10			PRECITEC® NOZZLE 2.5-box 10 pcs.	

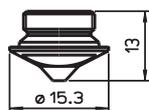


2,5"CM SENSOR SYSTEM

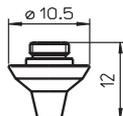
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UPR0180	AL138	281079-P0492-430-00003-W149	PRECITEC® ORIG. NOZZLE HOLDER KT M1.5" S F2.5	



UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UPR0181-10		280013-P0492-441-00008	PRECITEC® FP NOZZLE Ø 0.8-box 10 pcs.	
UPR0182		280014-P0492-442-00010-W223	PRECITEC® FP NOZZLE Ø 1.0	
UPR0182-10		280014-P0492-442-00010-W223	PRECITEC® FP NOZZLE Ø 1.0-box 10 pcs.	
UPR0183-10		280015-P0492-443-00012	PRECITEC® FP NOZZLE Ø 1.2-box 10 pcs.	
UPR0184		280016-P0492-444-00015-W224	PRECITEC® FP NOZZLE Ø 1.5	
UPR0184-10		280016-P0492-444-00015-W224	PRECITEC® FP NOZZLE Ø 1.5-box 10 pcs.	
UPR0185-10		P0492-447-00018	PRECITEC® FP NOZZLE Ø 1.8-box 10 pcs.	
UPR0186		280937-P0492-445-00020-W225	PRECITEC® FP NOZZLE Ø 2.0	
UPR0186-10		280937-P0492-445-00020-W225	PRECITEC® FP NOZZLE Ø 2.0-box 10 pcs.	
UPR0187-10		P0492-448-00023	PRECITEC® FP NOZZLE Ø 2.3-box 10 pcs.	
UPR0188		281791-P0492-446-00025-W226	PRECITEC® FP NOZZLE Ø 2.5	
UPR0188-10		281791-P0492-446-00025-W226	PRECITEC® FP NOZZLE Ø 2.5-box 10 pcs.	
UPR0189			PRECITEC® FP NOZZLE Ø 3.0	
UPR0189-10			PRECITEC® FP NOZZLE Ø 3.0-box 10 pcs.	
UPR0181C-10		280013-P0492-441-00008	PRECITEC® FP NOZZLE Ø 0.8 CP-box 10 pcs.	
UPR0182C-10		280014-P0492-442-00010-W223	PRECITEC® FP NOZZLE Ø 1.0 CP-box 10 pcs.	
UPR0183C-10			PRECITEC® FP NOZZLE Ø 1.2 CP-box 10 pcs.	
UPR0184C-10		280016-P0492-444-00015-W224	PRECITEC® FP NOZZLE Ø 1.5 CP-box 10 pcs.	
UPR0185C-10		P0492-447-00018	PRECITEC® FP NOZZLE Ø 1.8 CP-box 10 pcs.	
UPR0186C-10		280937-P0492-445-00020-W225	PRECITEC® FP NOZZLE Ø 2.0 CP-box 10 pcs.	
UPR0187C-10		P0492-448-00023	PRECITEC® FP NOZZLE Ø 2.3 CP-box 10 pcs.	
UPR0188C-10		281791-P0492-446-00025-W226	PRECITEC® FP NOZZLE Ø 2.5 CP-box 10 pcs.	
UPR0189C-10			PRECITEC® FP NOZZLE Ø 3.0 CP-box 10 pcs.	

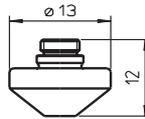


UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UPR0191		P0587-841-00010	PRECITEC® NOZZLE Ø 1.0	

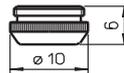


UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0170		46713300290-10	MAZAK® NOZZLE 3D Ø 1.0	
UMK0170-10		46713300290-10	MAZAK® NOZZLE 3D Ø 1.0-box 10 pcs.	
UMK0171		46713300290-12	MAZAK® NOZZLE 3D Ø 1.2	
UMK0171-10		46713300290-12	MAZAK® NOZZLE 3D Ø 1.2-box 10 pcs.	
UMK0172		46713300290-15-P0352-381-00015	MAZAK® NOZZLE 3D Ø 1.5	

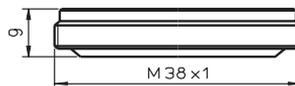
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0172-10		46713300290-15-P0352-381-00015	MAZAK® NOZZLE 3D Ø 1.5-box 10 pcs.	
UMK0173-10			MAZAK® NOZZLE 3D Ø 1.8-box 10 pcs.	
UMK0174		46713300310-P0352-382-00020	MAZAK® NOZZLE 3D Ø 2.0	
UMK0174-10		46713300310-P0352-382-00020	MAZAK® 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.	



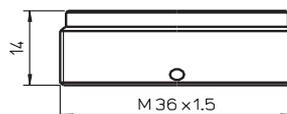
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0178-10			MAZAK® NOZZLE Ø 1.0 2D-box 10 pcs.	
UMK0179-10		46713300310	MAZAK® NOZZLE Ø 1.2 2D-box 10 pcs.	
UMK0180		P0352-386-00015	MAZAK® NOZZLE Ø 1.5 2D	
UMK0180-10		P0352-386-00015	MAZAK® NOZZLE Ø 1.5 2D-box 10 pcs.	
UMK0181-10			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	



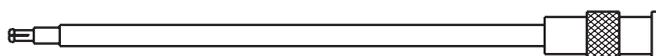
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0187		46713330200	MAZAK® 5-AXIS INSULATOR	



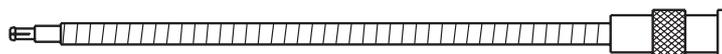
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UAM0112		71366453	AMADA® O'RING FOR NOZZLE OUTER	



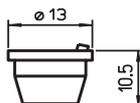
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UPR0194		71366453	PRECITEC® INSULATOR COLLAR	



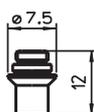
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UPR0195		P0360-100-00500 - 46713300100	PRECITEC® ORIG. SENSOR CABLE KE 500 Z	



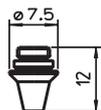
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0198		281386 P0360-155-00500	MAZAK® ELECTRODE CABLE	



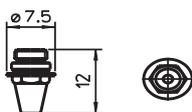
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UPR0196		P0491-130-00001	PRECITEC® ORIG. NOZ. HOLDER KT M1.5" K S - CERAMIC	



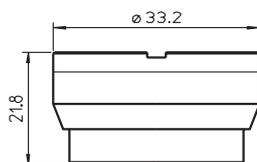
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UMK0203-10		281013-P0352-325-00015	MAZAK® NOZZLE Ø 1.5 -box 10 pcs.	
UMK0204-10		280899-P0352-326-00018	MAZAK® NOZZLE Ø 1.8 -box 10 pcs.	
UMK0205		350044.3-P0352-327-00020	MAZAK® NOZZLE Ø 2.0 ZK	
UMK0205-10		350044.3-P0352-327-00020	MAZAK®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

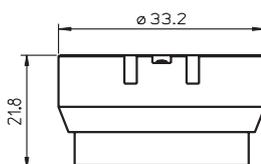


UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UPR0197-10			PRECITEC® NOZZLE DE M1.5 KS 1.0 HEX-box 10 pcs.	
UPR0198-10			PRECITEC® NOZZLE DE M1.5 KS 1.2 HEX-box 10 pcs.	
UPR0199-10			PRECITEC® NOZZLE DE M1.5 KS 1.5 HEX-box 10 pcs.	
UPR0200-10			PRECITEC® NOZZLE DE M1.5 KS 2.0 HEX-box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

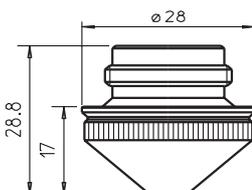


UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UPR0201		P0497-68871	PRECITEC® ORIG. NOZ. HOLDER KT M1.5"DXN - CERAMIC	

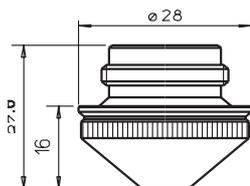
**UPR0201 funziona solo con i nuovi dispositivi EG80



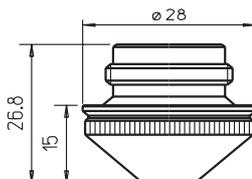
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UPR0202		281146-P0380-211-00001-29100033	PRECITEC® ORIG. NOZ. HOLDER IT M1.5" DZ - ALUMINUM	
UPR0203		281146-P0380-211-00001-29100033	PRECITEC® NOZZLE HOLDER IT M1.5" DZ - ALUMINUM	



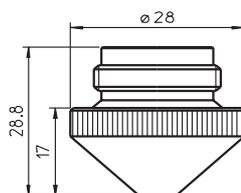
UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UPR0204		280029-P0492-628-00010	PRECITEC® NOZZLE Ø 1.0	
UPR0205		280030-P0492-629-00012	PRECITEC® NOZZLE Ø 1.2	



UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UPR0206		280028-P0492-627-00015	PRECITEC® NOZZLE Ø 1.5	



UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UPR0207		281384-P0492-630-00017	PRECITEC® NOZZLE Ø 1.7	
UPR0208		280027-P0492-626-00020	PRECITEC® NOZZLE Ø 2.0	



UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UPR0211		281254-P0380-252-00012	PRECITEC® NOZZLE Ø 1.2	
UPR0212		281255-P0380-253-00015	PRECITEC® NOZZLE Ø 1.5	
UPR0213		281270-P0380-254-00020	PRECITEC® NOZZLE Ø 2.0	
UPR0216		281271-3.0	PRECITEC® NOZZLE Ø 3.0	



UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UPR0217		PO492-702-00002	PRECITEC® INSULATING RING - plastic	



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

LENSES II-VI FOR PRECITEC®

UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UL831393M			IIVI LENS Ø 1.5" - FL 3.75" - ET 7.4MM MEN	
UL406294M			IIVI LENS Ø 1.5" - FL 5.0" - ET 7.4MM MEN	
UL702232M			IIVI LENS Ø 1.5" - FL 7.5" - ET 7.4MM MEN	
UL312503M			IIVI LENS Ø 1.5" - FL 5.0" - ET 7.4MM MP5 MEN	
UL474644M			IIVI LENS Ø 1.5" - FL 7.5" - ET 7.4MM MP5 MEN	

WINDOWS II-VI FOR PRECITEC®

UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UPW0007II		P0795-1201-00002	IIVI WINDOW Dia. 30 MM X d 5.0 MM	
UPW0013II		P0589-360-00002	II-VI WINDOW 22,35MM DIA, 4.00MM ET	
UPW0014II		P0595-58601	IIVI WINDOW D37 MM X d7 MM	
UPW0019II		P0253-1034-00001	IIVI WINDOW 30.0MM DIA, 1.50MM ET	

WINDOWS FOR PRECITEC®

UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
UPW0007		P0795-1201-00002	WINDOW Dia. 30 MM X d 5.0 MM	
UPW0013		P0589-360-00002	WINDOW 22,35MM DIA, 4.00MM ET	
UPW0013-ORING			oring per vetrino D22,35 D4 II	
UPW0014		P0595-58601	WINDOW D37 MM X d7 MM	
UPW0019		P0253-1034-00001	WINDOW 30.0MM DIA, 1.50MM ET	

ORIGINAL PRECITEC® WINDOWS

UPT CODE	ALTERNATE REFERENCE	ORIGINAL CODE	DESCRIPTION	unit price
P795120100002		P0795-1201-00002	PRECITEC® ORIG. WINDOW Dia. 30 MM X d 5.0 MM	
P58936000001		P0589-360-00002	PRECITEC® ORIG. WINDOW 22,35MM DIA, 4.00MM ET	
P59558601		P0595-58601	PRECITEC® ORIG. WINDOW D37 MM X d7 MM	
P253103400001		P0253-1034-00001	PRECITEC® ORIG. WINDOW 30.0MM DIA, 1.50MM ET	
P588102200002		P0588-1022-00002	PRECITEC® ORIG. WINDOW OG Y 21.5MM DIA, 2.00MM ET	

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