



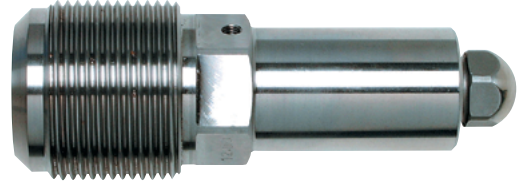
REMOVABLE TIP NOZZLES
ABNEHMBARE SPITZENDÜSEN
BUSES À NEZ AMOVIBLES

Standard nozzles are manufactured to fit your machine and accept regular $\frac{7}{8}$ "-14 thread replacement nozzle tips.

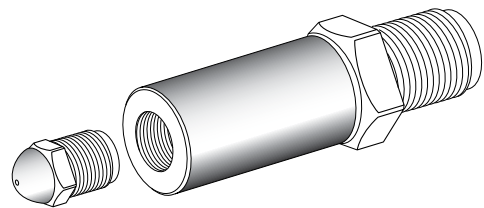
Standarddüsen werden passend für Ihre Maschine hergestellt und so, dass sie reguläre Ersatzdüsen spitzen mit $\frac{7}{8}$ "- bis 14"-Gewinde aufnehmen können.

Les buses standard sont conçues pour s'adapter à votre machine et acceptent les buses de remplacement de filetage standard $\frac{7}{8}$ "-14.

- Mat.: Hardened Chromium-Vanadium Tungsten Tool Steel | Gehärteter Chrom-Vanadium-Wolfram-Werkzeugstahl | Acier à outils en tungstène chrome-vanadium trempé
- Hardness | Härte | Dureté: **48/52 rc**



$\frac{7}{8}$ " - 14 thread
Gewinde | Draad |
Filetage



ORDERING EXAMPLE | BESTELLBEISPIEL | BESTELVOORBEELD | EXEMPLE DE COMMANDE

Select | Wählen | Kiezen | Choisir :

1. Tip Type Tipp-Typ Tip Type Type de pointe	2. Length Länge Lengte Longueur	3. Radius	4. Orifice Öffnung Opening Orifice
GP - General Purpose NRT - Nylon Reverse Taper ABS - ABS Taper	1 - 38mm 2 - 70mm 3 - 95mm 4 - 125mm	0 - Flat eben vlak plat 5 - 12.5mm 6 - 15mm 7 - 19mm 8 - 35mm	I - 1.5mm J - 2.5mm K - 3mm L - 4mm M - 5mm N - 6mm O - 8mm P - 9.5mm
e.g.: GP15K (GP / 1 / 5 / K)			

In the above example, the part number for a General Purpose tip, 38mm long, with 12.5mm radius and 3mm orifice is GP15K. 1.5mm and 2.5mm orifice not available in NRT or ABS style tips.

Im obigen Beispiel lautet die Teilenummer für eine 38 mm lange Allzweckspitze mit 12,5 mm Radius und 3 mm Öffnung GP15K. Öffnungen von 1,5 mm und 2,5 mm sind nicht in NRT- oder ABS-Ausführung erhältlich.

Dans l'exemple ci-dessus, la référence pour un nez universel de 38 mm de long, avec un diamètre de 12,5 mm et un orifice de 3 mm est GP15K. Remarque : les orifices de 1,5 mm et 2,5 mm sont uniquement disponibles pour les GP, et ne sont pas disponibles pour les embouts de type NRT ou ABS.

Copper Nickel Tips

Provide very high levels of heat transfer and are ideal for use in applications that require heat right at the tip, particularly where the application prevents the use of a heater band at the tip.

Kupfer-Nickel-Spitzen

Bieten einen sehr hohen Wärmeübergang und sind ideal für Anwendungen, bei denen Wärme direkt an der Spitze benötigt wird, insbesondere wenn die Anwendung die Verwendung eines Heizbands an der Spitze verhindert.

Nez en cuivre-nickel

Elles permettent un très bon transfert de chaleur et sont idéales pour les applications qui nécessitent de la chaleur directement à l'extrémité, en particulier lorsque la conception empêche l'utilisation d'une bande chauffante à l'extrémité.



AVAILABLE IN 3 INTERNAL STYLES, FOR USE WITH | ERHÄLTICH IN 3 INTERNEN STILEN, ZUR VERWENDUNG MIT
DISPONIBLE EN 3 MODÈLES INTERNES, POUR UNE UTILISATION AVEC :

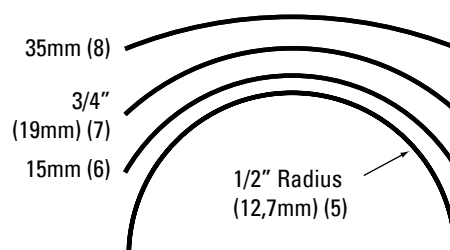
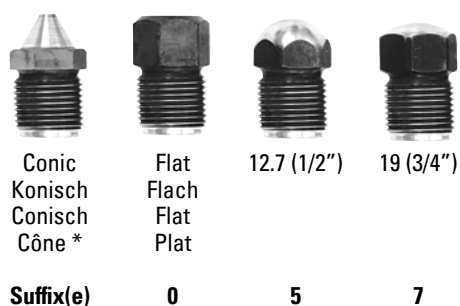
			L	OAL	Heater Heizung Chauffage	REF
GP General purpose applications, a good, all-around flow path with smooth internal flow characteristics and minimal restriction to ensure minimum back-pressure. Allzweckanwendungen, ein guter, allseitiger Durchflussweg mit gleichmäßigen internen Durchflusseigenschaften und minimalen Einschränkungen, um einen minimalen Gegendruck zu gewährleisten. Utilisation générale avec un bon circuit de flux global, caractérisé par une circulation interne fluide et des pertes minimales pour assurer le minimum de contre-pressure.	 1 1/2" body Ø Körper Ø Lichaam Ø Corps Ø Thread length Gewindelänge Draadlengte Longueur de filetage	 7/8" 14-Thread Gewinde Draad Filetage	19	38	-	GP1
			50	70	25x25	GP2
			75	95	25x50	GP3
			108	127	25x75	GP4
NRT Nylon Reverse taper, provides antidrool reverse taper in tip to 'freeze' slug (due to expansion) at tip, enabling drool to be minimized. For use with polyamides and other expansive materials. Nylon Reverse Taper, Kegel zum Umkehren des Flusses in der Spitze, um Schmelzperlen (die aufgrund von Ausdehnung entstehen) an der Spitze 'einfrieren' und so das Tropfen zu minimieren. Biseau inversé nylon, qui permet de bloquer les gouttes (dus à l'expansion) au nez grâce à son biseau inversé anti écoulement. Cela réduit l'écoulement à son minimum.	 1 1/2" body Ø Körper Ø Lichaam Ø Corps Ø Thread length Gewindelänge Draadlengte Longueur de filetage	 7/8" 14-Thread Gewinde Draad Filetage	19	38	-	NRT1
			50	70	25x25	NRT2
			75	95	25x50	NRT3
			108	127	25x75	NRT4
ABS ABS full taper, provides very smooth full taper design, both in the nozzle body, and continued through the tip. Minimises back pressure and ensures optimum performance, even with the most viscous materials. For use with ABS and other viscous hard-flow materials ABS Full Taper, für ein besonders glattes Vollkegel-Design sowohl im Düsengehäuse als auch durch die Spitze hindurch. Minimiert den Gegendruck und sorgt für optimale Leistung, selbst bei hochviskosen Materialien. Le cône plein ABS, a un design de cône plein très lisse, à la fois dans le corps de buse et à la pointe. Minimise la contre-pressure et garantit des performances optimales, même avec les matériaux les plus visqueux.	 1 1/2" body Ø Körper Ø Lichaam Ø Corps Ø Thread length Gewindelänge Draadlengte Longueur de filetage	 7/8" 14-Thread Gewinde Draad Filetage	19	38	-	ABS1

TIP LENGTH | SPITZEN LÄNGE | LONGUEUR DE LA BUSE

Regular replacement Nozzle Tips with 7/8" - 14 thread
Reguläre Ersatzdüsenspitzen mit 7/8"- bis 14"-Gewinde
Buses de rechange standard avec filetage 7/8" - 14



TIP RADIUS | SPITZEN RADIUS | RADIUS DE LA BUSE



TIP ORIFICE | SPITZEN OFFNUNG | ORIFICE DE LA BUSE

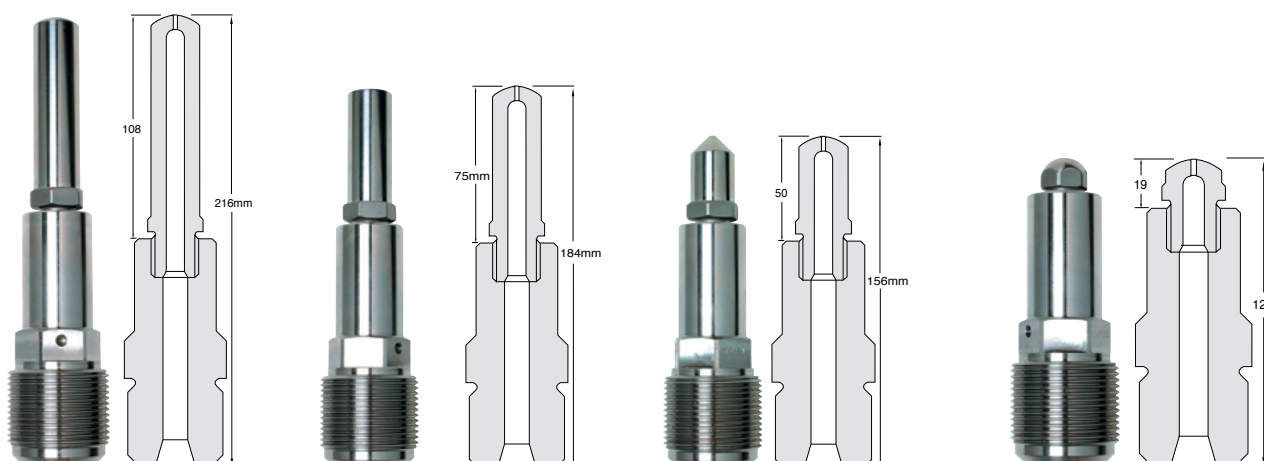
Orifice Öffnung Orifice (mm)	1.5	2.5	3	4	5	6	8	9.5
REF suffix(e)	I	J	K	L	M	N	O	P

Note: 1.5 & 2.5mm orifice only available in GP tip. Not available in NT or ABS

Hinweis: Öffnung von 1,5 & 2,5 mm nur als Allzweckspitze (GP) erhältlich. Nicht als NT oder ABS erhältlich

Remarque : les orifices de 1,5 mm et 2,5 mm sont uniquement disponibles pour les GP, et ne sont pas disponibles pour les embouts de type NRT ou ABS

OVERALL DIMENSIONS | GESAMTABMESSUNGEN | DIMENSIONS HORS TOUT



Nozzle Bodies for removable tips

- Nozzle body with thread to suit your machine. 11/2" body diameter accepts standard heater bands and 7/8"-14 female thread at front to accept removable nozzle tips.
- Pre heat-treated steel machined to suit the thread of your machine and accept standard low-cost replacement tips. Any size or specification made to your requirements

Düsengehäuse für abnehmbare Spitzen

- Düsengehäuse mit Gewinde passend zu Ihrer Maschine. 11/2"-Gehäusedurchmesser für Standardheizbänder und 7/8"- bis 14"-Innengewinde an der Vorderseite für abnehmbare Düsenspitzen.
- Vorwärmebehandelter Stahl, passend zum Gewinde Ihrer Maschine bearbeitet und mit kostengünstigen Standardersatzspitzen ausgestattet. Jede Größe oder Spezifikation, Ihren Anforderungen entsprechend

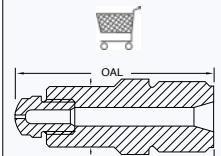
Corps de buse pour nez amovibles

- Corps de buse avec filetage adapté à votre machine. Le diamètre du corps de 11/2" accepte les bandes chauffantes standards et le filetage femelle de 7/8"-14" à l'avant pour nez de buse amovibles.
- Acier prétraité usiné pour s'adapter au filetage de votre machine et accepter des nez de remplacement standard à faible coût. Toute taille ou spécification selon vos besoins



FIND YOUR MACHINE THREAD BELOW FOR PART NUMBER:
FINDEN SIE UNTEN PASSENDE MASCHINENGWINDE UND TEILENUMMERN:
TROUVEZ LE FILETAGE DE VOTRE MACHINE CI-DESSOUS POUR LA RÉFÉRENCE DE LA PIÈCE :

Machine Maschine	Thread Gewinde Filetage	R/O	REF	Info
ANKERWERKE	1"-11 BSP	16mm	AY	V36-150
	45/2	31mm	ACD	
		19mm	WL	
	55/3	32mm	AZ	
		36mm	AO	
ARBURG	24/1.5	10mm	ASSA2	Mini adaptor 24X1.5 to 7/8-14 UNF
	24/1.5	10mm	AW	24/1.5mm R/H 10mm R/O
	24/1.5 R/H	1/2" (or 10mm)	AX	80
	24/1.5 R/H	8mm		80 See details for Solid Tips
	30/1.5	24mm	AM	
	35/1.5	18mm	AS	
	35/2 (LH)	18mm	ACB	
	36/2 RH	12mm	ACD	200T
	36/2		ASN1	Arburg Nozzle Adaptor M36 x 2
	36/2 LH	22mm	ACCL	L/H Thread
	36/2 RH	22mm	ACC	
	45/1.5	30mm	ACG	
	45/1.5 (LH + RH)	22mm	AC	35
	45/1.5 LH	25mm & 30mm	AH	
	45/2	18mm	ACF	
	45/2 L/H	20mm	ACH	
	45/2 L/H	22mm	AB	
	45/2 L/H	25mm	AD	Confirm relief dia 41 or 42
	45/2 L/H	30mm	AE	
	50/2 L/H	35mm	AG	
	50/2 LH + RH	30mm	AV	
	52/2	30mm	AQ	
	52/2	35mm	ACE	
	52/2 L/H	15mm	AZZ	
	55/2 L/H	30mm	AN	
	55/2 L/H	40mm	AI	
	55/2 L/H	40mm	AIg	8mm relief 100T 420C golden end
	60/2 L/H	45mm	AL	
AUSTIN ALLEN	42/1.5 Female	25mm	AT	Midge



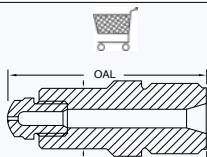
Order total nozzle length (OAL as shown above, including rear thread and tip). Use part number suffix.

Gesamtdüsenlänge bestellen (OAL wie oben gezeigt, einschließlich Hintergewinde und Spitze). Suffix der Teilenummer verwenden.

Commander la longueur totale de la buse (OAL comme indiqué ci-dessus, y compris le filetage arrière et la pointe). Utiliser le suffixe du numéro de pièce.

OAL mm	Part no. suffix
76	3
102	4
127	5
152	6
178	7
203	8
229	9
254	10
279	11
305	12

e.g.:
MIR 1 1/4",
22mm OAL:
REF: MJ3



Order total nozzle length (OAL as shown above, including rear thread and tip). Use part number suffix.

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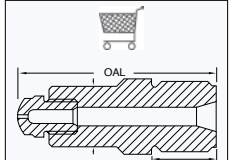
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e.g.:
BATTENFELD 45/2,
127mm OAL:
REF: BE5

Machine Maschine	Thread Draad	Gewinde Filetage	R/O	REF	Info
AUTOJECTOR	1.5"-12		1"	AU	
			3/4"	AF	
	1.75"-12		1 1/4"	AK	
	2.25"-12		1 3/4"	AJ	
	2"-12		1 1/2"	AP	
	35/1.5mm		16mm	AZJ	was war was était AZZ
BARDET DASSET	60/3		50	BDA	
BATTENFELD	32/2mm		21mm	GO	50/20, BSK 170/60, 750/300
	35/2		1/2"	BT	confirm bestätigen bevestigen confirmer T/L
			12mm	BTG	
			18, 22, 25mm	BTE	350, Plus 250/50 confirm bestätigen bevestigen confirmer T/L
			20mm	BM	
			21mm	BG	100, 160, 225, 300, 50/20
			21mm	GP	50, 300, 75HK, BSKM100, BA500, BA750, BA46, 170, BK850, 300, BA950/300
			22mm	BE	650/300 Plus 250
			25mm	GM	BA230, Plus 250, BSKM45/20, 15HK
	40/2		1/2"	BP	
			18mm	BTK	PLUS 350
			21mm	BYY	
			25mm	BB	BSKM400, 350, 525, 25HK, 800/2205, 800/2500, BA1600/630
	40/2 T/L 24		30mm	BU	BSKM 30-50, Plus 350
	40/2 T/L 29		30mm	BTJ	
	44/3		23mm	BTI	
	45/2		25mm	BLC	750/210
			34mm	BX	
			35mm	BN	BSKM 30-50
	48/3TR		30mm	BTH	
	50/2		1/2"	BDT	
	50/2		26mm	BTC	
	65/3		2"	BL	
	65/3TR or M65/3		48mm	BTL	BSKM 750, 1200, 1500, 5000
BELOIT	1 1/4"-12		3/4"	BS	Up to Bis zu tot Jusqu'à 1 3/4" Screw Schrauben Schroef Vis
	1 3/4"-8		3/4"	PMS	2 1/8" Screw & Larger Schrauben & Größer Schroef en groter Vis et dimension
BILLION	24/2		8mm	BJN	
	30/2		14mm	BJL	
			20mm	BJK	
			21mm	BJC	140T
	35/1.5		27mm	BJB	
	36/2 taper seat		1/2" or 10mm	BJE	H1300/2000
	40/2		20mm	BJX	H1295/300TP
			20mm	SNA	SN6A
	50/2		36mm	BJD	
	50/3		15mm	BJJ	
	56/3		40mm	BJM	
	60/3		25mm	BJP	
	62/2.5		23mm	BJF	
	65/3		25mm	BJG	
			40mm	BJH	
BIPEL	1" BSP		11/16"	BQB	
	2 1/4"-8 BSW		7/8"	BK	400 & 500
	3/4"-14 BSP		5/8"	BQ	27/17 30/32, 70/17 70/31, 130/25 155/50
BM BIRAGHI	30/2		1/2" OR 10mm	BNB	250, 300 Sintesi
	50/3		32mm	BMB	450/600, 5500/600
	60/3		13mm	BNC	650T
			28mm	BMC	65
			37mm	BND	

Machine Maschine	Thread Gewinde Draad Filetage	R/O	REF	Info
BORCHE	36/3	16mm	BOA	150
		19mm	BOB	
	39/3	29mm	BOC	
	42/3	20mm	BOD	BT320V
	45/3	25mm	BOE	
BOY	1/2"			Tip call for details
	24/1.5	1/2" (8mm)	BBD	
		14mm	BD	15, 22, 30
	30/1.5	14mm	BBE	
	30/2	14mm	BBC	25M
	33/1.5	22mm	AW	22mm R/O, 23mm T/L
	33/1.5 23mm T/L	22mm	AW	
	35/1.5	16mm	BY	50-80
		22mm	BW	50
		22mm	BBG	22mm R/O
	50/1.5	35mm	BBF	
BUHLER	1 1/2" -11 BSP	28mm	BH	ROVER 160A 800
		30mm	BI	
		32mm	BO	
	1 7/8"	32mm	BIB	45 deg taper seat
	36/1.5	23mm	BF	ROVER 100B
	52/1.5	32mm	BV	ROVER 63
	75/2	45mm	BIC	
BUTLER SMITH	20/3	1/2" (10mm)	BTB	A
CHAUN LIH FA	2 3/16"-8	25mm	CM	
	37/2.5	20mm	CG	
CHEN HSONG (Toshiba)	36/3	16mm	CI	
	42/3	16mm	CIA	
	45/3	24mm	CIB	
	80/4	40mm	TPJ	800
CINCINATTI	1 1/2" -12	1/2"	CO	1978 and older
			CB	
	1 1/4" -12	3/4"	CD	
	1 3/4 - 8	3/4"	PMS	1979 and newer
	36/4	16mm	CU	ACT
	42/2	18mm	CC	
DEMAG	45/2	3/4"	CJ	635
	24/1.5	1/2" (8mm)	DND	
		9mm	DKA	DK 24/1.5 9mm R/O
			DNDS1	DEMAG 24/1.5 110 OAL
	30/2	18mm	DNF	NC4
	33/2	20mm	DL	D55 1992
	36/1.5	27mm	DNB	
	40/2	14mm	DNJ	ET25
		27mm	DD	
	40/3 R/H	1/2" (8mm)	DO	ErgoTec available as solid tip
	45/2	30mm	DE	
	45/3	30mm	DNE	
	45/3 T/L 31mm	25mm	DB	525
	45/3 T/L 44mm	25mm	DJ	NG111
	48/1.5	25mm	DNC	New Pro
	55/3	25mm	DNG	
	60/2	30mm	DC	240 - 165/F
		31mm	DH	
	60/3	25mm	DN	Ergotec ET200-840, 175 D150, D210 D250, NC111, NCL
		26mm	DZ	150-610
		31mm	DG	
		32mm	DM	
		40mm	DK	D360 390 NC111
DEMATTIA	2"-12	1"	DF	
DESMA	36/1.5	16mm	DI	



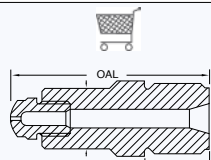
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Gesamtdüsenlänge bestellen (OAL wie oben gezeigt, einschließlich Hintergewinde und Spitze). Suffix der Teilenummer verwenden.

Commander la longueur totale de la buse (OAL comme indiqué ci-dessus, y compris le filetage arrière et la pointe). Utiliser le suffixe du numéro de pièce.

OAL mm	Part no. suffix
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102	4
127	5
152	6
178	7
203	8
229	9
254	10
279	11
305	12

e.g.:
MIR 1 1/4",
22mm OAL:
REF: **MJ3**



Order total nozzle length (OAL as shown above, including rear thread and tip). Use part number suffix.

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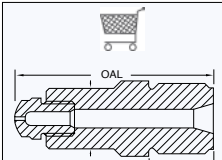
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e.g.:
ENGEL 45/3,
127mm OAL:
REF: EE5

Machine Maschine	Thread Draad	Gewinde Filetage	R/O	REF	Info
DK	24/1.5		12mm	DKB	290-410
			9mm	DKA	75-100, 125-200
	30/2		12mm	DKC	400-600, 675-1000
			14mm	DKD	
			20mm	DKF	
	40/2		16mm	DKE	1600
			30mm	DKG	
	44/2		33mm	DKH	(R/O also 33.5)
EDGWICK	1 3/4"-8		1 1/16"	EQ	1214HY
			1 1/2"	ES	45S
			3/4"	EG	45F
ENGEL	0 1/4"-10		12.7mm	EOL	
	1 1/4" BSF		27mm	EF	7A
	1 1/4"-10		18mm	EOE	
	1 1/4"-9 BSF		7/8"	EW	
	1 3/4-8		3/4"	PMS	
	1 3/8" whiworth		21.5mm	EON	25T/35T
	25/3		20mm	EYE	90
	28-1.5		12mm	EUA2	28/1.5 12 R/O ENGEL ADAPTOR
			1/2", 8, 10mm	EU	200/50, 450/150, 150/40
	30/2		10mm	E00	
	32/1.5		20mm	EZ	
	32/2.5		20mm	ET	
	35/2		16mm	EB	ES50
			22mm	EOH	
	36/1.5		22mm	EN	40/17
	40/2		24mm	EJ	100T, ES300 100
			25mm	EK	50/75
			26mm	EI	90
			27.5mm	EOC	60/75 TON
	40/3		1"	EOB	
			30mm	EV	
	45/2		16mm	EM	
			25mm	EOF	
			27.5mm	EP	90/50
	45/3		19mm	EE	WS1300, 200-250, 650-1050, 740-940, 1340, 1350
			20mm	ED	90
			32mm	EO	350/150
			34mm	EOG	
	55/3		30mm	EL	
			32mm	EC	ES 750/250
			35mm	EX	ES2000/350N
	60/2		35mm	EH	
	64/2		42mm	EZ	650T
	64/4		42mm	EOQ	ES4550/700
	98/6		50mm	EOP	16050/23050, 35050/55050
	7/8"-14		1/2" (11mm)	EOD	
ESACO	30/2		22MM	EZZ	
FAHR BUCHER	30/1.5		1/2" (11mm)	FD	
	30/1.5		20mm	FF	
	52/1.5		38mm	FC	
	55/3		32mm	FCC	
	62-8 TPI		45mm	BVD	
	85/2		70mm	FCB	SGA275
FANUC	24/2		13mm	FANA	
	36/4		16mm	FANB	
FERROMATIK	48/2		25mm	KMG	48/2 25 RO"
FORTUNE	1 1/4-12 UNF		15mm	FE	
	36/2		23mm	FOA	Victor
	50/3		26mm	FH	VA250 Victor

Machine Maschine	Thread Draad	Gewinde Filetage	R/O	REF	Info
FU CHEN SHINE	1 1/4"-10		1/2" (12mm)	FT	
	2 3/8"-8		36mm	FG	
GOLDSTAR	1 1/2"-12		15mm	TP	IDE 150EN
			20mm	GT	
	1 1/8"-12		1/2m" (11mm)	GTB	
	40/3		20mm	GU	
HAITIAN	30/2		12	HAD	MA600 II
	39/1.5		24	HAB	MA2500/1000eco
	39/2		18	HAC	
			24	HAE	
	45/4		20	HAA	MARS5300
HUSKY	1 3/4"-8		1"	HT	
	1 5/8"-6F		1 1/8"	HD	
	30/2		1/2"	HLD	160XL
	36/2		7/8"	HO	
			16mm	HL	52T/L
	45/3		16mm	HLL	54T/L
			22mm	HJ	
	64/4		16mm	HP	
	72/4		16mm	HZ	
ITALTEC	1 5/6"-12		13mm	IU	
JOSEPH KRAUSS (KRAUSS MAFFEL)	35/2		23mm	JLB	
	58/3		39mm	JL	
	68/3		50mm	JM	KHS120E
JSW/MARGARIT	30/2		1/2" (7.5mm)	JTC	350T
	44/3		20mm	JF	
	45/3		26mm	JC	28T
	50/3		1/2" (10mm)	JB	
	50/3 26mm Pilot		15mm	JX	
	50/3 Short Pilot		15mm	JD	
			1/2"	JH	
	55/3		1/2" (8mm)	JG	
			20mm	JE	
KAWAGUCHI	1 1/4"-12		22mm	KL	80Ton
			24mm	KI	Other newer machines
			22mm	KXD	
	1 3/4"-8		24mm	KD	1972 & newer
			30mm	KXE	
	1"-12		16mm	KU	KC45
	26/1.5		1/2" (7mm)	KP	K45E
	30/3.5		12mm	KB	JEKS 70/older pre'72
	36/2		23mm	TZ	
	38/3		14mm	KX	JEKS 120-645, Older
			14mm	KXC	
	45/3		16mm	KH	
	50/3		18mm	KXB	
KLOCKNER	1"-11 BSP		24mm	KME	
			1/2"	KMC	110T
	30/1.5		1/2"		available as solid tip
			8mm		available as solid tip
			9mm		available as solid tip
	48/2		25mm	KMG	
			30mm	KMB	
	48/3		32mm	KMI	Klockner Milacron
	56/2		28mm		
	58/3		35mm	KY	



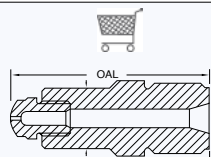
Order total nozzle length (OAL as shown above, including rear thread and tip). Use part number suffix.

Gesamtdüsenlänge bestellen (OAL wie oben gezeigt, einschließlich Hintergewinde und Spitze). Suffix der Teilenummer verwenden.

Commander la longueur totale de la buse (OAL comme indiqué ci-dessus, y compris le filetage arrière et la pointe). Utiliser le suffixe du numéro de pièce.

OAL mm	Part no. suffix
76	3
102	4
127	5
152	6
178	7
203	8
229	9
254	10
279	11
305	12

e.g.:
MIR 1 1/4",
22mm OAL:
REF: MJ3



Order total nozzle length (OAL as shown above, including rear thread and tip). Use part number suffix.

Gesamtdüsenlänge bestellen (OAL wie oben gezeigt, einschließlich Hintergewinde und Spitze). Suffix der Teilenummer verwenden.

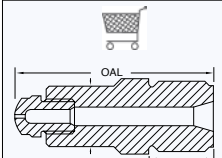
Commander la longueur totale de la buse (OAL comme indiqué ci-dessus, y compris le filetage arrière et la pointe). Utiliser le suffixe du numéro de pièce.

OAL mm	Part no. suffix
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102	4
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152	6
178	7
203	8
229	9
254	10
279	11
305	12

e.g.:
KRAUSS MAFFEI 55/3,
127mm OAL:
REF: **KN5**

Machine Maschine	Thread Gewinde Draad Filetage	R/O	REF	Info
KRAUSS MAFFEI	1 1/4"-12	3/4"	BSL	
	1 3/4"-8	19mm	SN	
	1" BSW	1/2"	KNB	
	30/2	1/2" (8mm)	KNM	
		6mm	KNS	30T
	35/2	19.5 mm	KK	KH160
	36/1.5	1/2"	KT	14/15T
		20mm	KC	
	36/2	1/2"	KNN	
	40/3	20mm	KM	225
	45/2	16, 18mm	KJ	KM500, 4350B, 800, 5600
		18mm	KNQ	
		20mm	KND	KM350, 1650B
	45/3	26mm	KNF	KM265
	48/3 Female	12mm	KE	KM150, 250, KM90 340B
	48/3 Male	32mm	KNL	KM65/220/C2
	55/2	27mm	KNE	
	55/3	33mm	KN	
	58/3	45mm	KNI	KHS80
	64/3 Female	1/2" (12mm)	KF	
	65/3	50mm	KNK	KHS120
	68/3	50mm	JM	KHS120E
KRUPPS	70/3 Female	20mm	KG	
	85/3	50mm	KNC	
	85/4	60mm	KNJ	KHS160
	90/3 Female	17mm	KNT	
KUASY	1 1/4"-7	17mm	KTU	
	36/1.5	28mm	KSB	
	36/2	26mm	KSC	135
	50/2	35mm	KQ	350, 550
LESNEY	30/1.5	19mm	KV	250/100
	42/1.5	31mm	KZ	800/250
	56/2	46mm	KW	260/100
METALMEC	1 1/4"BSP1	20mm	LF	
	1/4"BSP/BSF	15mm	MD	
	35/2	18mm	MFI	Penta 35/30
	35/2	22mm	MQ	Penta 35/30
	40/2 Taper seta	30mm	MT	65TSR, 4SR
	44/2	32mm	MI	65TSR Series, 4SR, 10SR
	44/2 Taper seat	35mm	MFL	65TSR Series, 4SR, 10SR
	45/2 Taper seat	35mm	MN	
	48/2 Taper seat	27mm	MFJ	Penta
	48/2 Taper seat	34mm	MFK	Penta
	48/2 Taper seat	38mm	MZ	Penta
	48/2 Taper seat	40mm	MFM	65T 10SR
	50/3	35mm	MFG	MODULA 100 screw sizes 28, 32, 36, 40, 45, 50, 55, 60, 65, 75
	52/2 Taper seat	45mm	MFO	10SR (34 T/L Taper Seat)
	52/2 Taper seat	45mm	MFC	14SR (50 T/L Taper Seat)
	52/2 50T/L	40mm	MFN	14SR
	55/2 Taper seat	44mm	MU	SR Series
	58/2 Taper seta	50mm	MK	14SR
	58/3	45mm	ML	SR serie(s) 265/500
	60/2.5 Taper seat	42mm	MB	Penta 95/250 (Taper Seat)
	64/2.5	44mm	MG	110
	65/2.5 Flat seat	45mm	MFB	
	65/2.5 Taper seat	48mm	MO	Penta 110 (Taper Seat)
	70/3	24mm	MH	265/500
	70/3 Taper seat	50, 54, 55, 60	MFF	180SR 400/1200 (Taper Seat)
	70/3 Taper seat	56mm	MFD	270/870 Pentatron
	80/3 Taper seat	65mm	MFE	Penta
	90/3 Taper seat	70mm	MFH	SR Series
	95/3 Taper seat	76mm	MC	Penta

Machine Maschine	Thread Draad	Gewinde Filetage	R/O	REF	Info
MIR	1 1/4" -11 BSP		1/2"	MX	
			24mm	MSB	
			3/4"	MSE	
			30mm	MJ	
	1 3/4" BSP		30mm	MVZ	
	36/1.5		25mm	MV	
	60/2.5		30mm	MSF	
	80/3		55mm	MSC	
			60mm	MY	
MITSUBISHI	1 1/2" -12		15mm	MJB	
			24mm	MJD	
	2 1/4" -8 Female		24mm	MJF	850MG
	40/2		15mm	MJC	
			24mm	MJE	550MG
MONZA	60/3		45mm	MZZ	
NEGRI BOSSI	30/1.5 or 16TPI		19mm	NZZ	V17-110
	30/1.5 or 16TPI Taper seat		19mm	NZZU	V17-110 Taper seat
	30/2		13mm	NZZY	VS430
	35/1.5		16mm	NHB	
			20mm	NXB	25/40
			28mm	NL	V22/175FA, 190, 210, 250TEC
			22mm	NHL	V2-18FA
	40/2		27mm	NP	
			19mm	NGZ	
			25mm	NHM	40T
			28mm	NM	25, 40
	52/2.5		28mm	GC	60T
	52/3		19mm	NHD	60T
	58/2		30mm	NHY	100TEC
			35mm	NY	60T
	58/3		30mm	NHF	NB80
			32mm	NHN	NB62, V55, V70, EOS70-180
			35mm	NHBZ	V55
			38mm	NH	NB62, V7 9FA
	64/2		35mm	NHT	100, 150TEC
			38mm	NV	90T
			40mm	NHU	100, 150TEC
			45mm	NHJ	150TEC
	64/2 T/L 55		34mm	NE	345, 360
	64/2 Taper seat		38mm	NVU	90T
	64/3 (57 T/L)		35mm	NHZ	100, 80, 80SV, ELEOS80-120
	64/3 (45 T/L)		35mm	NEO	EOS70-180
	64/3		40mm	NHO	80, 80SV, 100, V110 NB150TEC, ELEOS80-120
			42mm	NHC	210, 270, 400, 480, 520, 530, 550, 600, 650, 700, 720, 800, 950
			45mm	NF	NB150TEC
	64/3 61 T/L		45mm	NEL	80SV, V160
	64/3 T/L 41		34mm	NK	210SV, B330, 300T, 250, 260, 150TEC, 300TEC 350, 80, 400
	64/3 T/L 60		34mm	NKL	250SV, 300, 400, 400TEC
	64/3 Taper seat		35mm	NKU	NB260, NB350
			42mm	NHCU	NB700
			45mm	NFU	
	64x3		45mm	NFV	64X3, 45mm R/O 57thd length
	68/3		45mm	NHK	
	70/2		38mm	NHE	
			45mm	SJ	
	70/3 Taper seat		45mm	SJU	
	70/3		40mm	NHV	100SV, 150, 210TEC
			52mm	NHW	100SV, 150, 150SV, 210TEC
			55 (check)	NIU	NB 150T 1990 Flat seat 45 T/L
	70/3 63 T/L		45mm	NHH	100SV, 150, 150SV, 210TEC
	72/3 Taper seat		50, 55mm	NHP	V30-50
	74/2		55mm	NHG	NB130
	82/3 Taper seat		60, 70mm	NHQ	V30-50, V50-80
	85/3		40mm	NHXA	VE850
			60mm	NHX	150SV
	98/3 Taper seat		85mm	NHS	V80



Order total nozzle length (OAL as shown above, including rear thread and tip). Use part number suffix.

Gesamtdüsenlänge bestellen (OAL wie oben gezeigt, einschließlich Hintergewinde und Spitze). Suffix der Teilenummer verwenden.

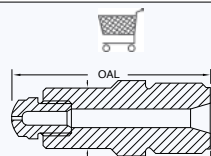
Commander la longueur totale de la buse (OAL comme indiqué ci-dessus, y compris le filetage arrière et la pointe). Utiliser le suffixe du numéro de pièce.

OAL mm	Part no. suffix
76	3
102	4
127	5
152	6
178	7
203	8
229	9
254	10
279	11
305	12

e.g.:

MIR 1 1/4",
30mm OAL:

REF: **MJ3**



Order total nozzle length (OAL as shown above, including rear thread and tip). Use part number suffix.

Gesamtdüsenlänge bestellen (OAL wie oben gezeigt, einschließlich Hintergewinde und Spitze). Suffix der Teilenummer verwenden.

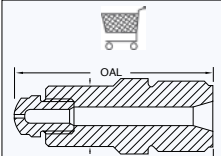
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OAL mm	Part no. suffix
76	3
102	4
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178	7
203	8
229	9
254	10
279	11
305	12

e.g.:
NISSEL 50/2,
154mm OAL:
REF: **NJC10**

Machine Maschine	Thread Draad	Gewinde Filetage	R/O	REF	Info
NETSTAL	1 1/4" -12		19mm	NZ	
	1/2" BSP		6mm		Nozzle tip - call for details
	48/3		13mm	NFT	
			29mm	NO	75
			32mm	NU	140, 75
	56/3		32mm	NOZ	150, 300, 140T 83
			42mm	NFE	140, 150, 300 Upsized barrel
NIIGATA	40/3		12mm	NUB	
			30mm	NUC	
	50/2		36mm	NUD	
NISSEL	20/1.5		1/2" (8mm)	NJT	2A, 5A also available as solid tip
	35/2 24mm T/L		20mm	NT	
	35/2 30mm T/L		20mm	NJB	FS 150
	40/2 (T/L 30 or 49)		20mm	NG	9A, 12A, 18A
	40/2		30mm	IC	9A, 12A, 18A, 25A, 36A
	50/2		25mm	NJC	50A, 71A, 100A, FS250
			26mm	NJ	50A, 71A, 100A
	60/2		30mm	ND	140A, 200A
	80/2		40mm	IT	280A, 420A
OIMA	1 3/4BSF		20mm		REMU / OIMA
	42/3		30mm	OB	3300/360SX
	65/3		38mm	OC	85HX
			45mm	OF	
			50mm	OG	
			52mm	OD	
			52mm	OE	Endcap with 42/3 female front thread
PECO	1 1/8" -9BSF		3/4"	PE	
	1 7/8" BSW		1 3/8"	PD	35MR
	2 1/2" BSF		2"	PC	
	48/2.5		38mm	PF	40/50
	80/3		62mm	PG	
PLASTIJET	42/2		30mm	PJ	50/25
	50/1.5		35mm	PB	
REIFENHAUSER	2" -8		33mm	RG	
	36/1.5		28mm	KS	
ROMI	45/3		30mm	RJ	
SANDRETTO	1 1/8" -9 BSF		1/2"	SI	650
	1 3/4" -8		19mm	SZZ	
	105/4		80mm	SHH	S8 1000
	40/3		30mm	SM	
	48/2		14mm	SBR	
	48/3		20mm	SBJ	
			24mm	SBK	Micro 24mm Screw
			36mm	SBS	Series 6 taper seat
			30mm	SY	New series 8
			25mm	SBT	600T
	50/3		32mm	SBM	Micro 32mm screw
			35mm	SQ	New series 8
			36mm	SBI	Micro 36mm screw
			28mm	SBH	Micro 28mm screw
			32mm	SBG	Micro 32 full spear 8 deg R0
			33mm	SR	Series 9
	50/3 Taper		35mm	SK	135T 95B Serie(s) 7 170T
	50/4		33mm	SG	170T
			35mm	SBF	2GV50
	55/3		40mm	SPN	Serie(s) 7 7GV 60/200 taper seat
	55/4		35mm	SRR	Serie(s) 6
	65/3		45mm	SBL	Serie(s) 7
			50mm	SBN	Serie(s) 7 135
	70/4		55mm	SD	
	76/3		60mm	SBD	was SZZ
	85/3		55mm	SBP	Mega
			60mm	SBB	S8
			70mm	SBC	S7
			70mm	SH	

Machine Maschine	Thread Draad	Gewinde Filetage	R/O	REF	Info
SHINWA SEIKI	1 1/2"-12		13mm	ST	
			3/8"	SID	
	1 1/4"-12		8mm	SIC	
			19mm	SIB	
	36/3		10mm	SX	
			16mm	CI	36x3, 16mm R/O
STORK REED	45/3		19mm	SU	
	48/3		24mm	SUB	100TD 50
STUBBE	1 1/2"-8		27mm	SB	DS55, SKM51
			1.3"	LS	DS100, 141, 150, 200, 300
	35/1.5		27mm	SC	S65/100, S150/235
	40/3		30mm	SF	SKM51, 76, 141/155, S160
	50/2		36mm	SV	SKM250, 400/250 1.25"/T/L or 2.06"/T/L
SUMITOMO	24/2		13.8mm	SVD	Promat 230-120
			10mm	SVC	
	42/2		28mm	SVE	
	48/2		12mm	SZ	C360, 450, C560, C900, C1250
			32mm	SW	
	56/3		28mm	SVF	
			32mm	SVG	SE100DUZ
	68/3		25mm	SVB	350
			51mm	SBE	
SUNGCHUAN	28/2.5		16mm	SO	
TOSHIBA	1 1/2"-12		15mm	TP	Up to 390 Ton
			3/4"	PMS	Newer machines
	3 1/4"-8		52mm	TT	500T & up
			55mm	TK	
	36/1.5		10mm	TZZ	EN150 170T
	38/1.5		15mm	TI	IS60B also available as solid tip
	48/1.5		28mm	TE	Model ISP40
	60/4		28mm	TF	50 Ton
			32mm	TH	
			36mm	TPB	
			40mm	TOK	
	80/4		20mm	TPK	151300DE, 156500DE, 15450E
			25mm	TPD	
			40mm	TPJ	
			52mm	TPC	
TOYO	36/2		1/2" (10mm)	TZB	
			23mm	TL	145,200
	42/3		24mm	TM	35
	50/3		26mm	TX	275, 330, 385
	65/4		32mm	TN	55
			40mm	TW	90
TURNER	1 3/4"BSP		1"	TO	CTA 80
	60/2		48mm	TG	4oz T.G. 1979
	72/2		60mm	TVB	CTA220
UNITEK	35/2		19mm	UB	
	38-8		22mm	UC	
VANDORN	1 1/4"-12		3/4"	BS	Under 200 Ton
	1 3/4"-8		1 1/4"	VS	200 Ton & larger
	1.75"-8		32mm	VS	Generic 1 3/4"-8, 3/4" r/o
	2 1/4"-8		41mm	VO	
	2"-8		38mm	VE	
WINDSOR	1"-11 BSP		1/2"	WFA	
			16mm	WJ	SP350
			21mm	WB	SP26
			24mm	WC	
			1/2" (10mm)	WD	
			1/2" (10mm)	WO	80T
	40/2		20mm	WI	
	40/3		29mm	WG	
	52/3		1/2"	WH	
			16mm	WS	
			40mm	WE	W15



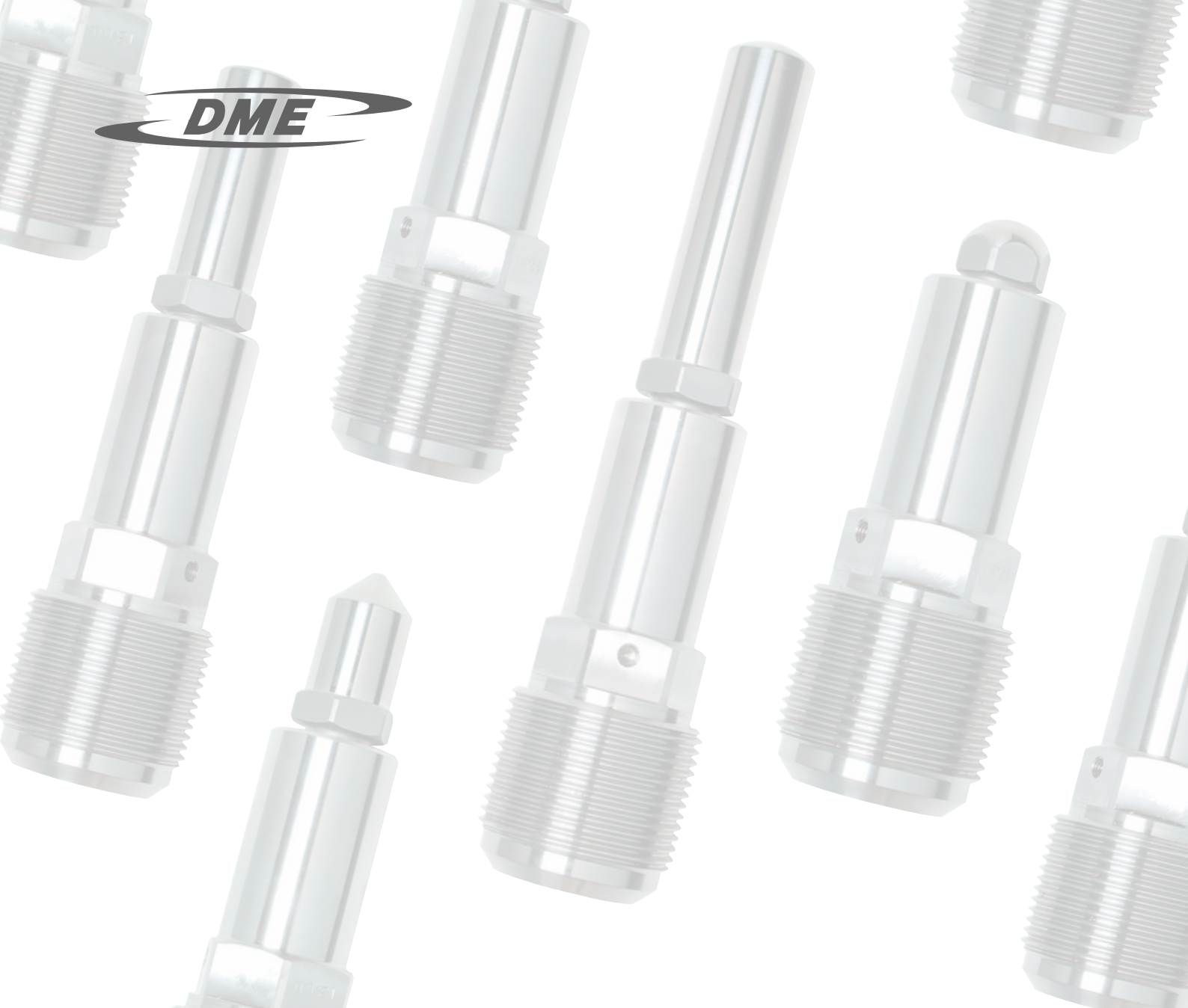
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Gesamtdüsenlänge bestellen (OAL wie oben gezeigt, einschließlich Hintergewinde und Spitze). Suffix der Teilenummer verwenden.

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OAL mm	Part no. suffix
76	3
102	4
127	5
152	6
178	7
203	8
229	9
254	10
279	11
305	12

e.g.:
SUMITOMO 68/3,
127mm OAL:
REF: **SVB5**



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