
PTG
2020

Zertifikat

EUROCERT®
Gesellschaft zur Zertifizierung von Personal und
Qualitätsmanagement-Systemen mbH

bescheinigt hiermit, dass das Unternehmen

PTG

Präzisions-Technik
Handelsgesellschaft mbH

Große Brenne 11
D-58099 Hagen

ein

Qualitätsmanagementsystem

eingeführt hat und anwendet. Durch ein Zertifizierungsaudit wurde der Nachweis erbracht, dass dieses Qualitätsmanagementsystem die Forderungen der folgenden Norm erfüllt:

DIN EN ISO 9001:2015

Geltungsbereich:	Handel und Vertrieb von Präzisions-Spiralbohrern und anderen Werkzeugen
Dieses Zertifikat ist gültig vom:	31. Januar 2018 bis 03. Januar 2020
Zertifikats-Registriernummer:	QMZ 09097/QM
Erftstadt, den	31. Januar 2018

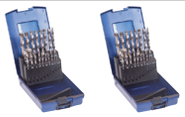
Zertifizierungsstelle

DAkkS
Deutsche
Akkreditierungsstelle
D-ZM-19195-02-00

EUROCERT® Gesellschaft zur Zertifizierung von
Personal und Qualitätsmanagement-Systemen mbH
Frenzenstraße 21-23 · D-50374 Erftstadt

İçindekiler

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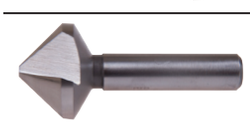
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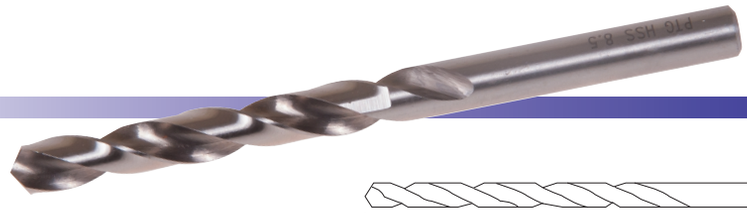
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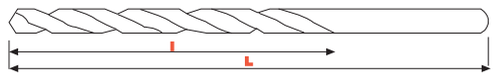
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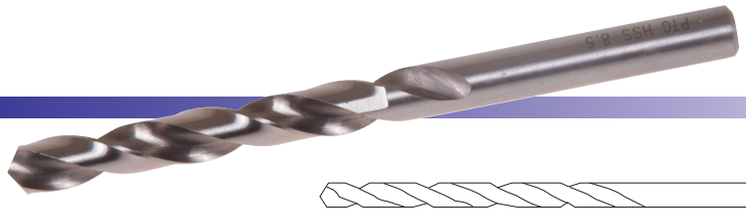
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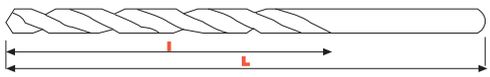


SİLİNDİRİK SAPLI MATKAP UÇLARI
DIN338 HSS TAŞLANMIŞ



KOD	ÖLÇÜ	L	I	FİYAT	KOD	ÖLÇÜ	L	I	FİYAT
P333810040	0.4mm	20	5	1.00 €	P333810550	5.5mm	93	57	0.70 €
P333810050	0.5mm	22	6	0.90 €	P333810560	5.6mm	93	57	0.80 €
P333810060	0.6mm	24	7	0.90 €	P333810570	5.7mm	93	57	0.80 €
P333810070	0.7mm	28	9	0.90 €	P333810580	5.8mm	93	57	0.80 €
P333810080	0.8mm	30	10	0.90 €	P333810590	5.9mm	93	57	0.80 €
P333810090	0.9mm	32	11	0.90 €	P333810600	6.0mm	93	57	0.80 €
P333810100	1.0mm	34	12	0.35 €	P333810610	6.1mm	101	63	1.00 €
P333810110	1.1mm	36	14	0.40 €	P333810620	6.2mm	101	63	1.00 €
P333810120	1.2mm	38	16	0.40 €	P333810630	6.3mm	101	63	1.00 €
P333810130	1.3mm	38	16	0.40 €	P333810640	6.4mm	101	63	1.00 €
P333810140	1.4mm	40	18	0.40 €	P333810650	6.5mm	101	63	1.00 €
P333810150	1.5mm	40	18	0.30 €	P333810660	6.6mm	101	63	1.20 €
P333810160	1.6mm	43	20	0.55 €	P333810670	6.7mm	101	63	1.20 €
P333810170	1.7mm	43	20	0.55 €	P333810680	6.8mm	109	69	1.20 €
P333810180	1.8mm	46	22	0.55 €	P333810690	6.9mm	109	69	1.20 €
P333810190	1.9mm	46	22	0.55 €	P333810700	7.0mm	109	69	1.25 €
P333810200	2.0mm	49	24	0.25 €	P333810710	7.1mm	109	69	1.30 €
P333810210	2.1mm	49	24	0.35 €	P333810720	7.2mm	109	69	1.30 €
P333810220	2.2mm	53	27	0.35 €	P333810730	7.3mm	109	69	1.30 €
P333810230	2.3mm	53	27	0.35 €	P333810740	7.4mm	109	69	1.30 €
P333810240	2.4mm	57	30	0.35 €	P333810750	7.5mm	109	69	1.35 €
P333810250	2.5mm	57	30	0.30 €	P333810760	7.6mm	117	75	1.60 €
P333810260	2.6mm	57	30	0.40 €	P333810770	7.7mm	117	75	1.60 €
P333810270	2.7mm	61	33	0.40 €	P333810780	7.8mm	117	75	1.60 €
P333810280	2.8mm	61	33	0.40 €	P333810790	7.9mm	117	75	1.60 €
P333810290	2.9mm	61	33	0.40 €	P333810800	8.0mm	117	75	1.60 €
P333810300	3.0mm	61	33	0.35 €	P333810810	8.1mm	117	75	1.80 €
P333810310	3.1mm	65	36	0.45 €	P333810820	8.2mm	117	75	1.80 €
P333810320	3.2mm	65	36	0.45 €	P333810830	8.3mm	117	75	1.80 €
P333810330	3.3mm	65	36	0.45 €	P333810840	8.4mm	117	75	1.80 €
P333810340	3.4mm	70	39	0.45 €	P333810850	8.5mm	117	75	1.75 €
P333810350	3.5mm	70	39	0.40 €	P333810860	8.6mm	125	81	2.30 €
P333810360	3.6mm	70	39	0.55 €	P333810870	8.7mm	125	81	2.30 €
P333810370	3.7mm	70	39	0.55 €	P333810880	8.8mm	125	81	2.30 €
P333810380	3.8mm	75	43	0.55 €	P333810890	8.9mm	125	81	2.30 €
P333810390	3.9mm	75	43	0.55 €	P333810900	9.0mm	125	81	2.10 €
P333810400	4.0mm	75	43	0.50 €	P333810910	9.1mm	125	81	2.60 €
P333810410	4.1mm	75	43	0.60 €	P333810920	9.2mm	125	81	2.60 €
P333810420	4.2mm	75	43	0.60 €	P333810930	9.3mm	125	81	2.60 €
P333810430	4.3mm	80	47	0.60 €	P333810940	9.4mm	125	81	2.60 €
P333810440	4.4mm	80	47	0.60 €	P333810950	9.5mm	125	81	2.30 €
P333810450	4.5mm	80	47	0.60 €	P333810960	9.6mm	133	87	3.00 €
P333810460	4.6mm	80	47	0.70 €	P333810970	9.7mm	133	87	3.00 €
P333810470	4.7mm	80	47	0.70 €	P333810980	9.8mm	133	87	3.00 €
P333810480	4.8mm	86	52	0.70 €	P333810990	9.9mm	133	87	3.00 €
P333810490	4.9mm	86	52	0.70 €	P333811000	10.0mm	133	87	2.75 €
P333810500	5.0mm	86	52	0.65 €	P333811010	10.1mm	133	87	3.25 €
P333810510	5.1mm	86	52	0.75 €	P333811020	10.2mm	133	87	3.25 €
P333810520	5.2mm	86	52	0.75 €	P333811030	10.3mm	133	87	3.25 €
P333810530	5.3mm	86	52	0.75 €	P333811040	10.4mm	133	87	3.25 €
P333810540	5.4mm	93	57	0.75 €	P333811050	10.5mm	133	87	3.00 €





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SİLİNDİRİK SAPLI MATKAP UÇLARI
DIN338 HSS TAŞLANMIŞ

KOD	ÖLÇÜ	L	I	FİYAT	KOD	ÖLÇÜ	L	I	FİYAT
P333811060	10.6mm	133	87	4.50 €	P333811430	14.3mm	169	114	13.00 €
P333811070	10.7mm	142	94	4.50 €	P333811440	14.4mm	169	114	13.00 €
P333811080	10.8mm	142	94	4.50 €	P333811450	14.5mm	169	114	8.00 €
P333811090	10.9mm	142	94	4.50 €	P333811460	14.6mm	169	114	14.00 €
P333811100	11.0mm	142	94	3.50 €	P333811470	14.7mm	169	114	14.00 €
P333811110	11.1mm	142	94	5.00 €	P333811480	14.8mm	169	114	14.00 €
P333811120	11.2mm	142	94	5.00 €	P333811490	14.9mm	169	114	14.00 €
P333811130	11.3mm	142	94	5.00 €	P333811500	15.0mm	169	114	9.00 €
P333811140	11.4mm	142	94	5.00 €	P333811510	15.1mm	178	120	15.00 €
P333811150	11.5mm	142	94	4.00 €	P333811520	15.2mm	178	120	15.00 €
P333811160	11.6mm	142	94	5.50 €	P333811530	15.3mm	178	120	15.00 €
P333811170	11.7mm	142	94	5.50 €	P333811540	15.4mm	178	120	15.00 €
P333811180	11.8mm	142	94	5.50 €	P333811550	15.5mm	178	120	10.00 €
P333811190	11.9mm	151	101	5.50 €	P333811560	15.6mm	178	120	17.00 €
P333811200	12.0mm	151	101	4.50 €	P333811570	15.7mm	178	120	17.00 €
P333811210	12.1mm	151	101	6.50 €	P333811580	15.8mm	178	120	17.00 €
P333811220	12.2mm	151	101	6.50 €	P333811590	15.9mm	178	120	17.00 €
P333811230	12.3mm	151	101	6.50 €	P333811600	16.0mm	178	120	11.00 €
P333811240	12.4mm	151	101	6.50 €	P333811650	16.5mm	184	125	11.50 €
P333811250	12.5mm	151	101	5.00 €	P333811700	17.0mm	184	125	12.00 €
P333811260	12.6mm	151	101	7.00 €	P333811750	17.5mm	191	130	12.50 €
P333811270	12.7mm	151	101	7.00 €	P333811800	18.0mm	191	130	13.00 €
P333811280	12.8mm	151	101	7.00 €	P333811850	18.5mm	198	135	13.50 €
P333811290	12.9mm	151	101	7.00 €	P333811900	19.0mm	198	135	14.00 €
P333811300	13.0mm	151	101	5.50 €	P333811950	19.5mm	205	140	15.00 €
P333811310	13.1mm	151	101	8.00 €	P333812000	20.0mm	205	140	16.00 €
P333811320	13.2mm	151	101	8.00 €	P333812050	20.5mm	213	145	18.00 €
P333811330	13.3mm	160	108	8.00 €	P333812100	21.0mm	213	145	20.00 €
P333811340	13.4mm	160	108	8.00 €	P333812150	21.5mm	221	150	22.00 €
P333811350	13.5mm	160	108	6.00 €	P333812200	22.0mm	221	150	25.00 €
P333811360	13.6mm	160	108	10.00 €	P333812250	22.5mm	229	155	26.00 €
P333811370	13.7mm	160	108	10.00 €	P333812300	23.0mm	229	155	29.00 €
P333811380	13.8mm	160	108	10.00 €	P333812350	23.5mm	229	155	30.00 €
P333811390	13.9mm	160	108	10.00 €	P333812400	24.0mm	236	160	31.00 €
P333811400	14.0mm	160	108	7.00 €	P333812450	24.5mm	236	160	33.00 €
P333811410	14.1mm	169	114	13.00 €	P333812500	25.0mm	236	160	35.00 €
P333811420	14.2mm	169	114	13.00 €					







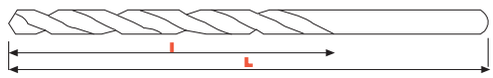
MATKAP UÇ SETLERİ
(PLASTİK KUTULU)

KOD	ÖLÇÜ	ÖZELLİK	FİYAT
P333847519	1 - 10mm (19 PARÇA)	HSS	25.00 €
P333847525	1 - 13mm (25 PARÇA)	HSS	45.00 €
P333859519	1 - 10mm (19 PARÇA)	HSS-CO	50.00 €
P333857025	1 - 13mm (25 PARÇA)	HSS-CO	75.00 €

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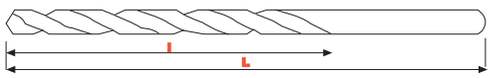


ALTIN SERİ MATKAP UÇLARI
DIN338 HSS-CO



KOD	ÖLÇÜ	L	l	FİYAT	KOD	ÖLÇÜ	L	l	FİYAT
P333850100	1.0mm	34	12	0.70 €	P333850610	6.1mm	101	63	3.30 €
P333850110	1.1mm	36	14	0.70 €	P333850620	6.2mm	101	63	3.30 €
P333850120	1.2mm	38	16	0.70 €	P333850630	6.3mm	101	63	3.30 €
P333850130	1.3mm	38	16	0.70 €	P333850640	6.4mm	101	63	3.30 €
P333850140	1.4mm	40	18	0.70 €	P333850650	6.5mm	101	63	2.60 €
P333850150	1.5mm	40	18	0.70 €	P333850660	6.6mm	101	63	3.60 €
P333850160	1.6mm	43	20	0.80 €	P333850670	6.7mm	101	63	3.60 €
P333850170	1.7mm	43	20	0.80 €	P333850680	6.8mm	109	69	3.60 €
P333850180	1.8mm	46	22	0.80 €	P333850690	6.9mm	109	69	3.60 €
P333850190	1.9mm	46	22	0.80 €	P333850700	7.0mm	109	69	3.30 €
P333850200	2.0mm	49	24	0.70 €	P333850710	7.1mm	109	69	4.40 €
P333850210	2.1mm	49	24	0.90 €	P333850720	7.2mm	109	69	4.40 €
P333850220	2.2mm	53	27	0.90 €	P333850730	7.3mm	109	69	4.40 €
P333850230	2.3mm	53	27	0.90 €	P333850740	7.4mm	109	69	4.40 €
P333850240	2.4mm	57	30	0.90 €	P333850750	7.5mm	109	69	3.60 €
P333850250	2.5mm	57	30	0.70 €	P333850760	7.6mm	117	75	5.00 €
P333850260	2.6mm	57	30	1.10 €	P333850770	7.7mm	117	75	5.00 €
P333850270	2.7mm	61	33	1.10 €	P333850780	7.8mm	117	75	5.00 €
P333850280	2.8mm	61	33	1.10 €	P333850790	7.9mm	117	75	5.00 €
P333850290	2.9mm	61	33	1.10 €	P333850800	8.0mm	117	75	4.40 €
P333850300	3.0mm	61	33	0.80 €	P333850810	8.1mm	117	75	5.50 €
P333850310	3.1mm	65	36	1.10 €	P333850820	8.2mm	117	75	5.50 €
P333850320	3.2mm	65	36	1.10 €	P333850830	8.3mm	117	75	5.50 €
P333850330	3.3mm	65	36	1.10 €	P333850840	8.4mm	117	75	5.50 €
P333850340	3.4mm	70	39	1.10 €	P333850850	8.5mm	117	75	4.70 €
P333850350	3.5mm	70	39	1.00 €	P333850860	8.6mm	125	81	6.60 €
P333850360	3.6mm	70	39	1.40 €	P333850870	8.7mm	125	81	6.60 €
P333850370	3.7mm	70	39	1.40 €	P333850880	8.8mm	125	81	6.60 €
P333850380	3.8mm	75	43	1.40 €	P333850890	8.9mm	125	81	6.60 €
P333850390	3.9mm	75	43	1.40 €	P333850900	9.0mm	125	81	5.50 €
P333850400	4.0mm	75	43	1.10 €	P333850910	9.1mm	125	81	7.20 €
P333850410	4.1mm	75	43	1.50 €	P333850920	9.2mm	125	81	7.20 €
P333850420	4.2mm	75	43	1.50 €	P333850930	9.3mm	125	81	7.20 €
P333850430	4.3mm	80	47	1.50 €	P333850940	9.4mm	125	81	7.20 €
P333850440	4.4mm	80	47	1.50 €	P333850950	9.5mm	125	81	6.10 €
P333850450	4.5mm	80	47	1.40 €	P333850960	9.6mm	133	87	8.30 €
P333850460	4.6mm	80	47	1.70 €	P333850970	9.7mm	133	87	8.30 €
P333850470	4.7mm	80	47	1.70 €	P333850980	9.8mm	133	87	8.30 €
P333850480	4.8mm	86	52	1.70 €	P333850990	9.9mm	133	87	8.30 €
P333850490	4.9mm	86	52	1.70 €	P333851000	10.0mm	133	87	7.50 €
P333850500	5.0mm	86	52	1.60 €	P333851020	10.2mm	133	87	8.80 €
P333850510	5.1mm	86	52	2.20 €	P333851050	10.5mm	133	87	7.70 €
P333850520	5.2mm	86	52	2.20 €	P333851100	11.0mm	142	94	8.80 €
P333850530	5.3mm	86	52	2.20 €	P333851150	11.5mm	142	94	9.90 €
P333850540	5.4mm	93	57	2.20 €	P333851200	12.0mm	151	101	11.00 €
P333850550	5.5mm	93	57	1.90 €	P333851250	12.5mm	151	101	12.10 €
P333850560	5.6mm	93	57	2.50 €	P333851300	13.0mm	151	101	13.20 €
P333850570	5.7mm	93	57	2.50 €	P333851350	13.5mm	160	108	19.80 €
P333850580	5.8mm	93	57	2.50 €	P333851400	14.0mm	160	108	20.90 €
P333850590	5.9mm	93	57	2.50 €	P333851450	14.5mm	169	114	23.70 €
P333850600	6.0mm	93	57	2.20 €	P333851500	15.0mm	169	114	25.30 €





PTG

ALTIN SERİ MATKAP UÇLARI
DIN338 HSS-CO

KOD	ÖLÇÜ	L	I	FİYAT	KOD	ÖLÇÜ	L	I	FİYAT
P333851550	15.5mm	178	120	27.50 €	P333851800	18.0mm	191	130	37.40 €
P333851600	16.0mm	178	120	29.70 €	P333851850	18.5mm	198	135	39.60 €
P333851650	16.5mm	184	125	31.90 €	P333851900	19.0mm	198	135	41.80 €
P333851700	17.0mm	184	125	33.00 €	P333851950	19.5mm	205	140	45.10 €
P333851750	17.5mm	191	130	35.20 €	P333852000	20.0mm	205	140	47.30 €



PTG

SİLİNDİRİK SAPLIMATKAP UÇLARI
DIN338 HSS TIN KAPLI

KOD	ÖLÇÜ	L1	L2	FİYAT
P233880100	1.0mm	34	12	0.20 €
P233880150	1.5mm	40	18	0.25 €
P233880200	2.0mm	49	24	0.30 €
P233880250	2.5mm	57	30	0.35 €
P233880300	3.0mm	61	33	0.55 €
P233880320	3.2mm	65	36	0.60 €
P233880330	3.3mm	65	36	0.65 €
P233880350	3.5mm	70	39	0.65 €
P233880400	4.0mm	75	43	0.70 €
P233880420	4.2mm	75	43	0.80 €
P233880450	4.5mm	80	47	0.85 €
P233880500	5.0mm	86	52	1.00 €
P233880520	5.2mm	86	52	1.25 €
P233880550	5.5mm	93	57	1.35 €
P233880600	6.0mm	93	57	1.50 €
P233880650	6.5mm	101	63	1.75 €
P233880680	6.8mm	109	69	2.00 €
P233880700	7.0mm	109	69	2.25 €
P233880750	7.5mm	109	69	2.50 €
P233880800	8.0mm	117	75	3.10 €
P233880850	8.5mm	117	75	3.50 €
P233880900	9.0mm	125	81	4.00 €
P233880950	9.5mm	125	81	4.50 €
P233881000	10.0mm	133	87	5.00 €
P233881050	10.5mm	133	87	5.50 €
P233881100	11.0mm	142	94	6.50 €
P233881150	11.5mm	142	94	7.00 €
P233881200	12.0mm	151	101	8.00 €
P233881250	12.5mm	151	101	9.00 €
P233881300	13.0mm	151	101	10.00 €

PTG

SİLİNDİRİK SAPLI MATKAP UÇLARI
DIN338 HSS-SOL TAŞLANMIŞ



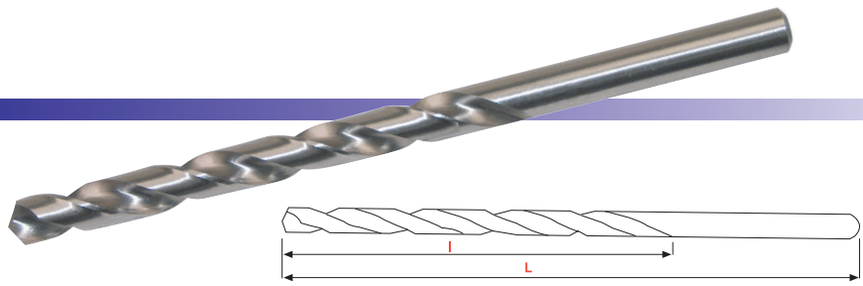
KOD	ÖLÇÜ	L	I	FİYAT	KOD	ÖLÇÜ	L	I	FİYAT
P243380100	1.0mm	34	12	0.55 €	P243380750	7.5mm	109	69	3.85 €
P243380150	1.5mm	40	18	0.55 €	P243380800	8.0mm	117	75	4.40 €
P243380200	2.0mm	49	24	0.75 €	P243380850	8.5mm	117	75	5.50 €
P243380250	2.5mm	57	30	0.80 €	P243380900	9.0mm	125	81	6.10 €
P243380300	3.0mm	61	33	0.85 €	P243380950	9.5mm	125	81	6.60 €
P243380350	3.5mm	70	39	0.95 €	P243381000	10.0mm	133	87	7.70 €
P243380400	4.0mm	75	43	1.10 €	P243381050	10.5mm	133	87	8.25 €
P243380450	4.5mm	80	47	1.40 €	P243381100	11.0mm	142	94	8.80 €
P243380500	5.0mm	86	52	1.65 €	P243381150	11.5mm	142	94	9.90 €
P243380550	5.5mm	93	57	1.95 €	P243381200	12.0mm	151	101	10.50 €
P243380600	6.0mm	93	57	2.75 €	P243381250	12.5mm	151	101	12.10 €
P243380650	6.5mm	101	63	3.30 €	P243381300	13.0mm	151	101	12.65 €
P243380700	7.0mm	109	69	3.60 €					

PTG

SİLİNDİRİK SAPLI MATKAP UÇLARI
DIN338 HSS %25 TIN UÇLU



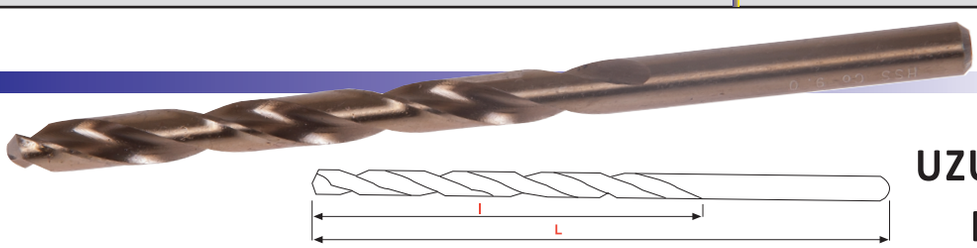
KOD	ÖLÇÜ	L1	L2	FİYAT	KOD	ÖLÇÜ	L1	L2	FİYAT
P433890100	1.0mm	34	12	0.35 €	P433890800	8.0mm	117	75	4.15 €
P433890150	1.5mm	40	18	0.40 €	P433890850	8.5mm	117	75	4.75 €
P433890200	2.0mm	49	24	0.45 €	P433890900	9.0mm	125	81	5.50 €
P433890250	2.5mm	57	30	0.55 €	P433890950	9.5mm	125	81	6.00 €
P433890300	3.0mm	61	33	0.75 €	P433891000	10.0mm	133	87	7.00 €
P433890320	3.2mm	65	36	0.80 €	P433891020	10.2mm	133	87	7.00 €
P433890330	3.3mm	65	36	0.80 €	P433891050	10.5mm	133	87	7.50 €
P433890350	3.5mm	70	39	0.80 €	P433891100	11.0mm	142	94	8.50 €
P433890400	4.0mm	75	43	1.00 €	P433891150	11.5mm	142	94	9.00 €
P433890420	4.2mm	75	43	1.20 €	P433891200	12.0mm	151	101	11.00 €
P433890450	4.5mm	80	47	1.20 €	P433891250	12.5mm	151	101	11.50 €
P433890500	5.0mm	86	52	1.55 €	P433891300	13.0mm	151	101	12.50 €
P433890520	5.2mm	86	52	1.60 €	P433891350	13.5mm	160	108	24.00 €
P433890550	5.5mm	93	57	1.90 €	P433891400	14.0mm	160	108	25.00 €
P433890600	6.0mm	93	57	2.20 €	P433891450	14.5mm	169	114	27.00 €
P433890650	6.5mm	101	63	2.75 €	P433891500	15.0mm	169	114	28.00 €
P433890680	6.8mm	109	69	3.15 €	P433891550	15.5mm	178	120	30.00 €
P433890700	7.0mm	109	69	3.15 €	P433891600	16.0mm	178	120	32.00 €
P433890750	7.5mm	109	69	3.35 €					



PTG

UZUN SERİ MATKAP UÇLARI
DIN340 HSS TAŞLANMIŞ

KOD	ÖLÇÜ	L	l	FİYAT	KOD	ÖLÇÜ	L	l	FİYAT
P334020100	1.0mm	56	33	0.55 €	P334020750	7.5mm	156	102	3.85 €
P334020150	1.5mm	70	45	0.55 €	P334020800	8.0mm	165	109	4.40 €
P334020200	2.0mm	85	56	0.75 €	P334020850	8.5mm	165	109	5.35 €
P334020250	2.5mm	95	62	0.75 €	P334020900	9.0mm	175	115	5.80 €
P334020300	3.0mm	100	66	0.80 €	P334020950	9.5mm	175	115	6.35 €
P334020350	3.5mm	112	73	0.95 €	P334021000	10.0mm	184	121	7.45 €
P334020400	4.0mm	119	78	1.05 €	P334021050	10.5mm	184	121	7.90 €
P334020420	4.2mm	119	78	1.45 €	P334021100	11.0mm	195	128	8.70 €
P334020450	4.5mm	126	82	1.40 €	P334021150	11.5mm	195	128	9.90 €
P334020500	5.0mm	132	87	1.60 €	P334021200	12.0mm	205	134	10.20 €
P334020520	5.2mm	134	90	2.05 €	P334021250	12.5mm	205	134	11.55 €
P334020550	5.5mm	139	91	1.95 €	P334021300	13.0mm	205	134	12.10 €
P334020600	6.0mm	139	91	2.75 €	P334021400	14.0mm	205	134	16.50 €
P334020650	6.5mm	148	97	3.30 €	P334021500	15.0mm	210	140	17.60 €
P334020700	7.0mm	156	102	3.60 €					
VR-34011400	14.0mm	214	140	19.00 €	VR-34011750	17.5mm	241	158	33.00 €
VR-34011450	14.5mm	220	144	21.00 €	VR-34011800	18.0mm	241	158	35.00 €
VR-34011500	15.0mm	220	144	23.00 €	VR-34011850	18.5mm	247	162	40.00 €
VR-34011550	15.5mm	227	149	27.00 €	VR-34011900	19.0mm	247	162	42.00 €
VR-34011600	16.0mm	227	149	28.00 €	VR-34011950	19.5mm	254	166	45.00 €
VR-34011650	16.5mm	235	154	30.00 €	VR-34012000	20.0mm	254	166	48.00 €
VR-34011700	17.0mm	235	154	31.00 €					

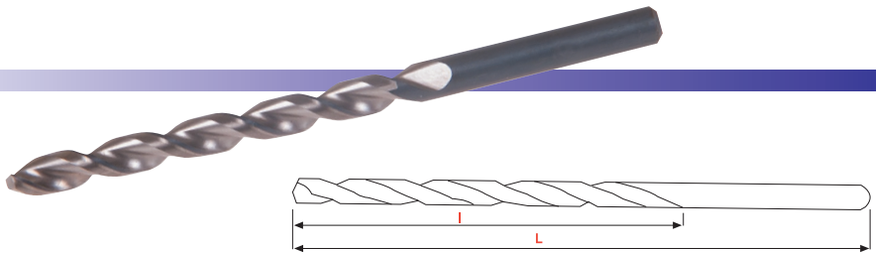


UZUN SERİ MATKAP UÇLARI
DIN340 HSS-CO TAŞLANMIŞ

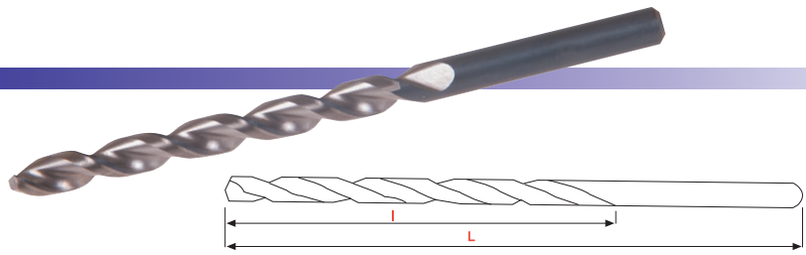
KOD	ÖLÇÜ	L	l	FİYAT	KOD	ÖLÇÜ	L	l	FİYAT
P334050080	0.8mm	56	33	1.65 €	P334050600	6.0mm	139	91	3.30 €
P334050100	1.0mm	56	33	1.35 €	P334050650	6.5mm	148	97	4.00 €
P334050150	1.5mm	70	45	1.40 €	P334050700	7.0mm	156	102	4.85 €
P334050200	2.0mm	85	56	1.45 €	P334050750	7.5mm	156	102	5.80 €
P334050250	2.5mm	95	62	1.50 €	P334050800	8.0mm	165	109	6.25 €
P334050300	3.0mm	100	66	1.55 €	P334050850	8.5mm	165	109	7.10 €
P334050320	3.2mm	106	69	1.60 €	P334050900	9.0mm	175	115	8.80 €
P334050330	3.3mm	106	69	1.65 €	P334050950	9.5mm	175	115	9.90 €
P334050350	3.5mm	112	73	1.55 €	P334051000	10.0mm	184	121	11.00 €
P334050400	4.0mm	119	78	1.60 €	P334051050	10.5mm	184	121	11.55 €
P334050420	4.2mm	119	78	1.95 €	P334051100	11.0mm	195	128	13.75 €
P334050450	4.5mm	126	82	1.95 €	P334051150	11.5mm	195	128	14.30 €
P334050500	5.0mm	132	87	2.75 €	P334051200	12.0mm	205	134	16.50 €
P334050520	5.2mm	134	90	3.00 €	P334051250	12.5mm	205	134	17.60 €
P334050550	5.5mm	139	91	3.15 €	P334051300	13.0mm	205	134	20.00 €

PTG

UZUN SERİ MATKAP UÇLARI
DIN340 HSS GT100



KOD	ÖLÇÜ	L	l	FİYAT	KOD	ÖLÇÜ	L	l	FİYAT
P334030050	0.5mm	49	28	2.70 €	P334030570	5.7mm	139	91	4.40 €
P334030060	0.6mm	50	29	2.70 €	P334030580	5.8mm	139	91	4.40 €
P334030070	0.7mm	51	30	2.70 €	P334030590	5.9mm	139	91	4.40 €
P334030080	0.8mm	52	31	2.70 €	P334030600	6.0mm	139	91	3.30 €
P334030090	0.9mm	54	32	2.70 €	P334030610	6.1mm	148	97	4.75 €
P334030100	1.0mm	56	33	1.50 €	P334030620	6.2mm	148	97	4.75 €
P334030110	1.1mm	60	37	2.70 €	P334030630	6.3mm	148	97	4.75 €
P334030120	1.2mm	65	41	2.70 €	P334030640	6.4mm	148	97	4.75 €
P334030130	1.3mm	65	41	2.70 €	P334030650	6.5mm	148	97	3.85 €
P334030140	1.4mm	70	45	2.70 €	P334030660	6.6mm	148	97	5.25 €
P334030150	1.5mm	70	45	1.50 €	P334030670	6.7mm	148	97	5.25 €
P334030160	1.6mm	76	50	2.70 €	P334030680	6.8mm	156	102	5.25 €
P334030170	1.7mm	76	50	2.70 €	P334030690	6.9mm	156	102	5.25 €
P334030180	1.8mm	80	53	2.70 €	P334030700	7.0mm	156	102	4.40 €
P334030190	1.9mm	80	53	2.70 €	P334030710	7.1mm	156	102	6.05 €
P334030200	2.0mm	85	56	1.55 €	P334030720	7.2mm	156	102	6.05 €
P334030210	2.1mm	85	56	2.05 €	P334030730	7.3mm	156	102	6.05 €
P334030220	2.2mm	90	59	2.05 €	P334030740	7.4mm	156	102	6.05 €
P334030230	2.3mm	90	59	2.05 €	P334030750	7.5mm	156	102	4.95 €
P334030240	2.4mm	95	62	2.05 €	P334030760	7.6mm	165	109	7.70 €
P334030250	2.5mm	95	62	1.55 €	P334030770	7.7mm	165	109	7.70 €
P334030260	2.6mm	95	62	2.20 €	P334030780	7.8mm	165	109	7.70 €
P334030270	2.7mm	100	66	2.20 €	P334030790	7.9mm	165	109	7.70 €
P334030280	2.8mm	100	66	2.20 €	P334030800	8.0mm	165	109	6.60 €
P334030290	2.9mm	100	66	2.20 €	P334030810	8.1mm	165	109	9.10 €
P334030300	3.0mm	100	66	1.65 €	P334030820	8.2mm	165	109	9.10 €
P334030310	3.1mm	106	69	2.75 €	P334030830	8.3mm	165	109	9.10 €
P334030320	3.2mm	106	69	2.75 €	P334030840	8.4mm	165	109	9.10 €
P334030330	3.3mm	106	69	2.75 €	P334030850	8.5mm	165	109	7.70 €
P334030340	3.4mm	112	73	2.75 €	P334030860	8.6mm	175	115	11.00 €
P334030350	3.5mm	112	73	2.00 €	P334030870	8.7mm	175	115	11.00 €
P334030360	3.6mm	112	73	2.90 €	P334030880	8.8mm	175	115	11.00 €
P334030370	3.7mm	112	73	2.90 €	P334030890	8.9mm	175	115	11.00 €
P334030380	3.8mm	119	78	2.90 €	P334030900	9.0mm	175	115	8.80 €
P334030390	3.9mm	119	78	2.90 €	P334030910	9.1mm	175	115	12.10 €
P334030400	4.0mm	119	78	2.20 €	P334030920	9.2mm	175	115	12.10 €
P334030410	4.1mm	119	78	3.30 €	P334030930	9.3mm	175	115	12.10 €
P334030420	4.2mm	119	78	3.30 €	P334030940	9.4mm	175	115	12.10 €
P334030430	4.3mm	126	82	3.30 €	P334030950	9.5mm	175	115	9.90 €
P334030440	4.4mm	126	82	3.30 €	P334030960	9.6mm	184	121	13.20 €
P334030450	4.5mm	126	82	2.45 €	P334030970	9.7mm	184	121	13.20 €
P334030460	4.6mm	126	82	3.85 €	P334030980	9.8mm	184	121	13.20 €
P334030470	4.7mm	126	82	3.85 €	P334030990	9.9mm	184	121	13.20 €
P334030480	4.8mm	132	87	3.85 €	P334031000	10.0mm	184	121	11.00 €
P334030490	4.9mm	132	87	3.85 €	P334031010	10.1mm	184	121	14.30 €
P334030500	5.0mm	132	87	2.75 €	P334031020	10.2mm	184	121	14.30 €
P334030510	5.1mm	132	87	4.15 €	P334031030	10.3mm	184	121	14.30 €
P334030520	5.2mm	132	87	4.15 €	P334031040	10.4mm	184	121	14.30 €
P334030530	5.3mm	132	87	4.15 €	P334031050	10.5mm	184	121	11.55 €
P334030540	5.4mm	139	91	4.15 €	P334031060	10.6mm	184	121	15.40 €
P334030550	5.5mm	139	91	3.00 €	P334031070	10.7mm	195	128	15.40 €
P334030560	5.6mm	139	91	4.40 €	P334031080	10.8mm	195	128	15.40 €



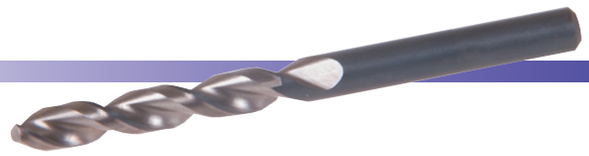
PTG

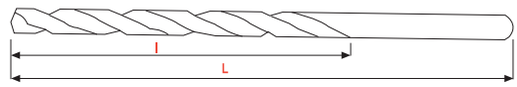
UZUN SERİ MATKAP UÇLARI
DIN340 HSS GT100

KOD	ÖLÇÜ	L	I	FİYAT
P3340310.90	10.9mm	195	128	15.40 €
P334031100	11.0mm	195	128	12.10 €
P334031110	11.1mm	195	128	16.50 €
P334031120	11.2mm	195	128	16.50 €
P334031130	11.3mm	195	128	16.50 €
P334031140	11.4mm	195	128	16.50 €
P334031150	11.5mm	195	128	13.10 €
P334031160	11.6mm	195	128	19.50 €
P334031170	11.7mm	195	128	19.50 €
P334031180	11.8mm	195	128	19.50 €
P334031190	11.9mm	205	134	19.50 €
P334031200	12.0mm	205	134	14.30 €
P334031210	12.1mm	205	134	20.00 €
P334031220	12.2mm	205	134	20.00 €
P334031230	12.3mm	205	134	50.00 €
P334031240	12.4mm	205	134	50.00 €
P334031250	12.5mm	205	134	15.40 €
P334031260	12.6mm	205	134	22.00 €
P334031270	12.7mm	205	134	22.00 €
P334031280	12.8mm	205	134	22.00 €
P334031290	12.9mm	205	134	22.00 €
P334031300	13.0mm	205	134	16.50 €
P334031310	13.1mm	205	134	34.50 €
P334031320	13.2mm	205	134	34.50 €
P334031330	13.3mm	205	134	34.50 €
P334031340	13.4mm	205	134	34.50 €
P334031350	13.5mm	205	134	25.50 €
P334031360	13.6mm	214	140	37.50 €
P334031370	13.7mm	214	140	37.50 €
P334031380	13.8mm	214	140	37.50 €
P334031390	13.9mm	214	140	37.50 €
P334031400	14.0mm	214	140	27.50 €
P334031410	14.1mm	214	140	41.00 €
P334031420	14.2mm	214	140	41.00 €
P334031430	14.3mm	214	140	41.00 €
P334031440	14.4mm	214	140	41.00 €
P334031450	14.5mm	214	140	30.00 €
P334031460	14.6mm	214	140	44.00 €
P334031470	14.7mm	214	140	44.00 €
P334031480	14.8mm	214	140	44.00 €
P334031490	14.9mm	214	140	44.00 €
P334031500	15.0mm	220	144	33.00 €
P334031510	15.1mm	220	144	49.00 €
P334031520	15.2mm	220	144	49.00 €
P334031530	15.3mm	220	144	49.00 €
P334031540	15.4mm	220	144	49.00 €
P334031550	15.5mm	220	144	35.50 €
P334031560	15.6mm	220	144	51.00 €
P334031570	15.7mm	220	144	51.00 €
P334031580	15.8mm	220	144	51.00 €
P334031590	15.9mm	220	144	51.00 €
P334031600	16.0mm	227	149	37.50 €

PTG

KISA SERİ MATKAP UÇLARI
DIN1897 HSS GT100





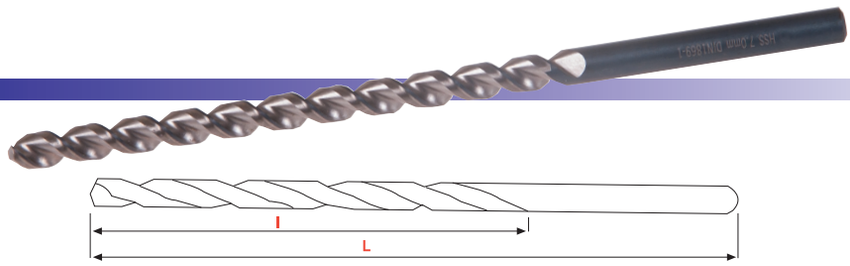
KOD	ÖLÇÜ	L	l	FİYAT
P189710200	2.0mm	38	12	0.60 €
P189710250	2.5mm	43	14	0.65 €
P189710300	3.0mm	46	16	0.80 €
P189710320	3.2mm	49	18	1.00 €
P189710330	3.3mm	49	18	1.00 €
P189710350	3.5mm	52	20	1.00 €
P189710400	4.0mm	55	22	1.00 €
P189710420	4.2mm	55	22	1.30 €
P189710450	4.5mm	58	24	1.30 €
P189710500	5.0mm	62	26	1.40 €
P189710520	5.2mm	62	26	1.80 €
P189710550	5.5mm	66	28	1.80 €
P189710600	6.0mm	66	28	2.00 €
P189710650	6.5mm	70	31	2.35 €
P189710700	7.0mm	74	34	2.65 €
P189710750	7.5mm	74	34	3.00 €
P189710800	8.0mm	79	37	3.30 €
P189710850	8.5mm	79	37	4.00 €
P189710900	9.0mm	84	40	4.65 €
P189710950	9.5mm	84	40	4.65 €
P189711000	10.0mm	89	43	5.10 €
P189711050	10.5mm	89	43	5.30 €
P189711100	11.0mm	95	47	5.95 €
P189711150	11.5mm	95	47	6.60 €
P189711200	12.0mm	102	51	7.00 €
P189711250	12.5mm	102	51	7.25 €
P189711300	13.0mm	102	51	8.00 €

PTG

TERS KILAVUZ TAKIMLARI



KOD	ÖLÇÜ	ÖZELLİK	FİYAT
P368881803	M3 - M18	5 Parça	9.20 €
P368882403	M3 - M24	6 Parça	12.65 €
P368885003	M3 - M50	8 Parça	28.75 €



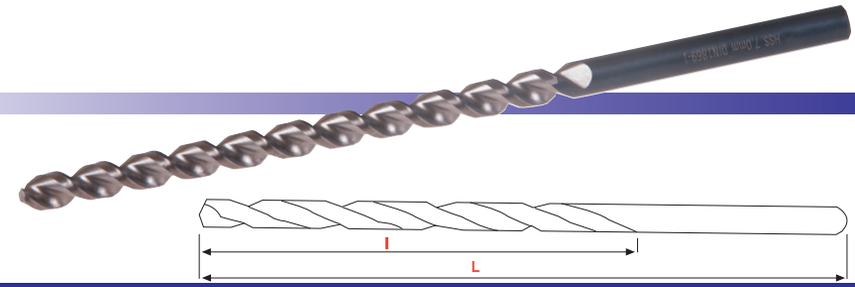
PTG

UZUN SERİ MATKAP UÇLARI
DIN1869-1 (GT-100)

KOD	ÖLÇÜ	L	I	FİYAT
P318690080	0.8mm	80	50	3.30 €
P318690100	1.0mm	96	60	2.75 €
P318690110	1.1mm	96	60	3.30 €
P318690120	1.2mm	96	60	3.30 €
P318690130	1.3mm	105	66	3.30 €
P318690150	1.5mm	120	80	3.05 €
P318690200	2.0mm	125	85	3.85 €
P318690250	2.5mm	140	95	4.30 €
P318690300	3.0mm	150	100	4.65 €
P318690320	3.2mm	150	100	5.50 €
P318690330	3.3mm	150	100	5.50 €
P318690350	3.5mm	165	115	5.00 €
P318690400	4.0mm	175	120	5.30 €
P318690420	4.2mm	180	125	7.95 €
P318690450	4.5mm	185	125	6.00 €
P318690500	5.0mm	195	135	7.30 €
P318690520	5.2mm	195	135	9.90 €
P318690550	5.5mm	205	140	8.60 €
P318690600	6.0mm	205	140	9.25 €
P318690650	6.5mm	215	150	9.90 €
P381690680	6.8mm	215	150	13.20 €
P318690700	7.0mm	225	155	10.60 €
P318690750	7.5mm	225	155	11.55 €
P318690800	8.0mm	240	165	12.65 €
P318690850	8.5mm	240	165	15.50 €
P318690900	9.0mm	250	175	19.25 €
P318690950	9.5mm	250	175	20.00 €
P318691000	10.0mm	265	18	20.50 €
P318691050	10.5mm	265	185	22.55 €
P318691100	11.0mm	280	195	23.65 €
P318691150	11.5mm	280	195	25.50 €
P318691200	12.0mm	295	205	27.50 €
P318691250	12.5mm	295	205	28.60 €
P318691300	13.0mm	295	205	31.00 €

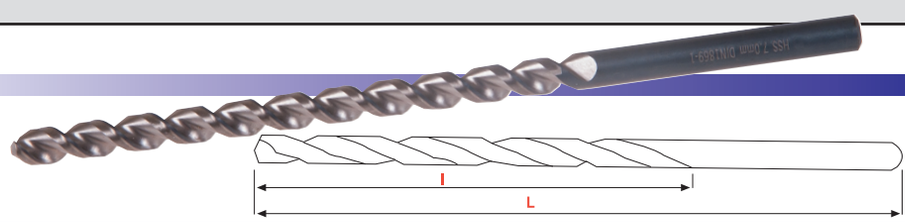
PTG

UZUN SERİ MATKAP UÇLARI
DIN1869-2 (GT-100)

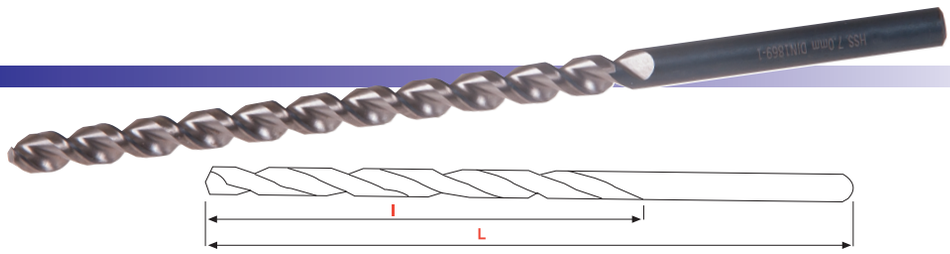


KOD	ÖLÇÜ	L	l	FİYAT
P418690300	3.0mm	190	130	7.15 €
P418690350	3.5mm	210	145	7.70 €
P418690400	4.0mm	220	150	8.25 €
P418690450	4.5mm	235	160	9.35 €
P418690500	5.0mm	245	170	10.45 €
P418690550	5.5mm	260	180	12.10 €
P418690600	6.0mm	260	180	12.65 €
P418690650	6.5mm	275	190	14.85 €
P418690700	7.0mm	290	200	16.00 €
P418690750	7.5mm	290	200	17.60 €
P418690800	8.0mm	305	210	18.70 €
P418690850	8.5mm	305	210	23.10 €
P418690900	9.0mm	320	220	25.30 €
P418690950	9.5mm	320	220	25.85 €
P418691000	10.0mm	340	235	27.50 €
P418691050	10.5mm	340	235	31.00 €
P418691100	11.0mm	365	250	33.00 €
P418691150	11.5mm	365	250	37.40 €
P418691200	12.0mm	375	260	39.60 €
P418691250	12.5mm	375	260	41.00 €
P418691300	13.0mm	375	260	44.00 €

UZUN SERİ MATKAP UÇLARI
DIN1869-3 (GT-100)



KOD	ÖLÇÜ	L	l	FİYAT
P518690350	3.5mm	265	180	9.35 €
P518690400	4.0mm	280	190	10.45 €
P518690450	4.5mm	295	200	14.30 €
P518690500	5.0mm	315	210	15.40 €
P518690550	5.5mm	330	225	16.50 €
P518690600	6.0mm	330	225	17.60 €
P518690650	6.5mm	350	235	20.35 €
P518690700	7.0mm	370	250	23.10 €
P518690750	7.5mm	370	250	24.20 €
P518690800	8.0mm	390	265	31.00 €
P518690850	8.5mm	390	265	35.20 €
P518690900	9.0mm	410	280	36.30 €
P518690950	9.5mm	410	280	37.40 €
P518691000	10.0mm	430	295	38.50 €
P518691050	10.5mm	430	295	42.00 €
P518691100	11.0mm	455	310	44.00 €
P518691150	11.5mm	455	310	49.50 €
P518691200	12.0mm	480	330	54.00 €
P518691250	12.5mm	480	330	56.50 €
P518691300	13.0mm	480	330	68.00 €



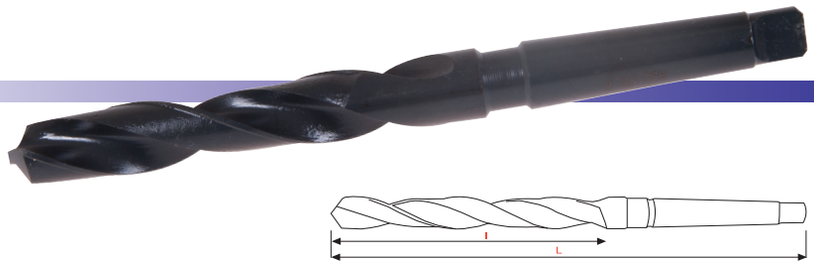
PTG

EXTRA ÇOK UZUN SERİ MATKAP UÇLARI

KOD	ÖLÇÜ	L	I	FİYAT
500mm BOY				
P618690400	4.0mm	500	400	43.00 €
P618690450	4.5mm	500	400	43.00 €
P618690500	5.0mm	500	400	45.00 €
P618690550	5.5mm	500	400	45.00 €
P618690600	6.0mm	500	400	46.50 €
P618690650	6.5mm	500	400	47.50 €
P618690700	7.0mm	500	400	49.50 €
P618690750	7.5mm	500	400	51.00 €
P618690800	8.0mm	500	500	53.00 €
P618690865	8.0mm	650	500	66.00 €
P618690850	8.5mm	500	400	60.50 €
P618690900	9.0mm	500	400	64.00 €
P618691000	10.0mm	600	500	66.00 €
P618691050	10.5mm	600	500	71.50 €
P618691100	11.0mm	600	500	80.00 €
P618691150	11.5mm	600	500	82.50 €
P618691200	12.0mm	600	500	86.00 €
375mm BOY				
P318691350	13.5mm	375	265	42.00 €
P318691400	14.0mm	375	265	45.00 €
P318691450	14.5mm	375	265	48.50 €
P318691500	15.0mm	375	265	52.00 €
P318691550	15.5mm	375	265	55.00 €
P318691600	16.0mm	375	265	58.50 €
P318691650	16.5mm	375	265	62.00 €
P318691700	17.0mm	375	265	65.00 €
P318691750	17.5mm	375	265	68.50 €
P318691800	18.0mm	375	265	73.00 €
P318691850	18.5mm	375	265	76.00 €
P318691900	19.0mm	375	265	80.00 €
P318691950	19.5mm	375	265	84.00 €
P318692000	20.0mm	375	265	87.00 €
600mm BOY				
P618691400	14.0mm	480	330	82.50 €
P618691450	14.5mm	480	330	88.00 €
P618691500	15.0mm	600	500	104.50 €
P618691550	15.5mm	600	500	110.00 €
P618691600	16.0mm	600	500	115.50 €
P618691650	16.5mm	600	500	126.50 €
P618691700	17.0mm	600	500	132.00 €
P618691750	17.5mm	600	500	137.50 €
P618691800	18.0mm	600	500	148.50 €
P618691850	18.5mm	600	500	154.00 €
P618691900	19.0mm	600	500	159.50 €
P618691950	19.5mm	600	500	165.00 €
P618692000	20.0mm	600	500	176.00 €

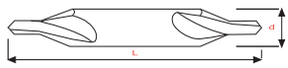
PTG

KONİK SAPLI MATKAP UÇLARI
DIN345



KOD	ÖLÇÜ	L	l	FİYAT	KOD	ÖLÇÜ	L	l	FİYAT
P334500800	8.0mm	156	75	9.35 €	P334503400	34.0mm	339	190	82.50 €
P334500850	8.5mm	156	75	9.35 €	P334503450	34.5mm	339	190	86.00 €
P334500900	9.0mm	162	81	9.35 €	P334503500	35.0mm	339	190	86.00 €
P334500950	9.5mm	162	81	9.35 €	P334503550	35.5mm	339	190	90.50 €
P334501000	10.0mm	168	87	9.35 €	P334503600	36.0mm	344	195	90.50 €
P334501050	10.5mm	168	87	9.35 €	P334503650	36.5mm	344	195	96.00 €
P334501100	11.0mm	175	94	9.35 €	P334503700	37.0mm	344	195	96.00 €
P334501150	11.5mm	175	94	9.35 €	P334503750	37.5mm	344	195	100.00 €
P334501200	12.0mm	182	101	9.90 €	P334503800	38.0mm	349	200	100.00 €
P334501250	12.5mm	182	101	9.90 €	P334503850	38.5mm	349	200	103.50 €
P334501300	13.0mm	182	101	10.45 €	P334503900	39.0mm	349	200	103.50 €
P334501350	13.5mm	189	108	10.45 €	P334503950	39.5mm	349	200	106.00 €
P334501400	14.0mm	189	108	11.00 €	P334504000	40.0mm	349	200	106.00 €
P334501450	14.5mm	212	114	11.55 €	P334504050	40.5mm	354	205	125.00 €
P334501500	15.0mm	212	114	11.55 €	P334504100	41.0mm	354	205	125.00 €
P334501550	15.5mm	218	120	12.10 €	P334504150	41.5mm	354	205	128.00 €
P334501600	16.0mm	218	120	12.65 €	P334504200	42.0mm	354	205	128.00 €
P334501650	16.5mm	223	125	13.20 €	P334504250	42.5mm	354	205	133.00 €
P334501700	17.0mm	223	125	13.20 €	P334504300	43.0mm	359	210	133.00 €
P334501750	17.5mm	228	130	13.75 €	P334504350	43.5mm	359	210	139.00 €
P334501800	18.0mm	228	130	14.30 €	P334504400	44.0mm	359	210	139.00 €
P334501850	18.5mm	233	135	15.40 €	P334504450	44.5mm	359	210	143.00 €
P334501900	19.0mm	233	135	16.00 €	P334504500	45.0mm	359	210	143.00 €
P334501950	19.5mm	238	140	16.50 €	P334504550	45.5mm	364	215	156.50 €
P334502000	20.0mm	238	140	16.50 €	P334504600	46.0mm	364	215	156.50 €
P334502050	20.5mm	243	145	20.00 €	P334504650	46.5mm	364	215	159.50 €
P334502100	21.0mm	243	145	20.50 €	P334504700	47.0mm	364	215	159.50 €
P334502150	21.5mm	248	150	21.00 €	P334504750	47.5mm	364	215	167.50 €
P334502200	22.0mm	248	150	21.00 €	P334504800	48.0mm	369	220	167.50 €
P334502250	22.5mm	253	155	22.00 €	P334504850	48.5mm	369	220	172.00 €
P334502300	23.0mm	253	155	22.00 €	P334504900	49.0mm	369	220	172.00 €
P334502350	23.5mm	276	155	24.20 €	P334504950	49.5mm	369	220	176.00 €
P334502400	24.0mm	281	160	24.20 €	P334505000	50.0mm	369	220	176.00 €
P334502450	24.5mm	281	160	27.50 €	P334505100	51.0mm	412	225	211.50 €
P334502500	25.0mm	281	160	27.50 €	P334505200	52.0mm	412	225	214.50 €
P334502550	25.5mm	286	165	28.10 €	P334505300	53.0mm	412	225	220.00 €
P334502600	26.0mm	286	165	28.60 €	P334505400	54.0mm	417	230	225.50 €
P334502650	26.5mm	286	165	30.25 €	P334505500	55.0mm	417	230	231.00 €
P334502700	27.0mm	291	170	31.00 €	P334505600	56.0mm	417	230	253.00 €
P334502750	27.5mm	291	170	32.00 €	P334505700	57.0mm	422	235	258.50 €
P334502800	28.0mm	291	170	32.00 €	P334505800	58.0mm	422	235	264.00 €
P334502850	28.5mm	296	175	34.50 €	P334505900	59.0mm	422	235	269.50 €
P334502900	29.0mm	296	175	34.50 €	P334506000	60.0mm	422	235	286.00 €
P334502950	29.5mm	296	175	36.50 €	P334506100	61.0mm	427	240	396.00 €
P334503000	30.0mm	296	175	36.50 €	P334506200	62.0mm	427	240	407.00 €
P334503050	30.5mm	301	180	41.00 €	P334506300	63.0mm	427	240	418.00 €
P334503100	31.0mm	301	180	41.00 €	P334506400	64.0mm	427	240	435.00 €
P334503150	31.5mm	301	180	43.00 €	P334506500	65.0mm	432	245	456.00 €
P334503200	32.0mm	334	185	46.50 €	P334506600	66.0mm	433	246	462.00 €
P334503250	32.5mm	334	185	77.00 €	P334506700	67.0mm	434	247	473.00 €
P334503300	33.0mm	334	185	80.00 €	P334506800	68.0mm	435	248	500.00 €
P334503350	33.5mm	334	185	82.00 €	P334507000	70.0mm	436	249	525.00 €





PTG

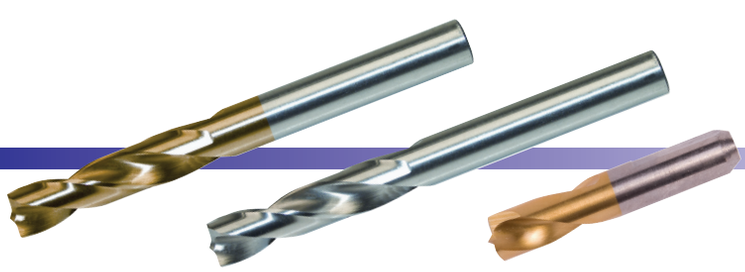
PUNTA MATKAP UÇLARI
HSS DIN333 FORM A

KOD	ÖLÇÜ	L	d	FİYAT
DIN333 FORM A				
P233300100	1.00mm	31.5	3.15	1.40 €
P233300125	1.25mm	31.5	3.15	1.45 €
P233300160	1.60mm	35.5	4	1.55 €
P233300200	2.00mm	40	5	1.65 €
P233300250	2.50mm	45	6.30	2.20 €
P233300315	3.15mm	50	8	2.75 €
P233300400	4.00mm	56	10	3.60 €
P233300500	5.00mm	63	12.5	4.95 €
P233300630	6.30mm	71	16	8.80 €
P233300800	8.00mm	80	20	16.50 €
P233301000	10.0mm	100	25	30.00 €

DIN333 FORM A UZUN



P231200100	1.00mm	120	3.15	2.20 €
P231200125	1.25mm	120	3.15	2.75 €
P231200160	1.60mm	120	4	3.30 €
P231200200	2.00mm	120	5	3.85 €
P231200250	2.50mm	120	6.30	4.40 €
P231200315	3.15mm	120	8	6.10 €
P231200400	4.00mm	120	10	8.25 €
P231200500	5.00mm	120	12	11.00 €
VR-33320630	6.30mm	120	16	17.50 €



PTG

PUNTA ÇÜRÜTME MATKAP UÇLARI
HSS-CO5 DIN1897

KOD	ÖLÇÜ	ÖZELLİK	FİYAT
P218980600	6 X 66mm		6.00 €
P218980700	7 X 74mm		7.50 €
P218980800	8 X 79mm		8.50 €
P218981000	10 X 89mm		13.00 €
P218900600TIN	6 X 66mm	TIN KAPLAMA	8.00 €
P218900700TIN	7 X 74mm	TIN KAPLAMA	9.00 €
P218900800TIN	8 X 79mm	TIN KAPLAMA	11.00 €
P218901000TIN	10 X 89mm	TIN KAPLAMA	14.00 €
P218940800	8 X 44mm	HSS-E KAPLAMASIZ	8.00 €
P218950800TIN	8 X 47mm	HSS-E TIN KAPLAMA	9.00 €

PTG

PARMAK FREZELER
DIN844-BN HSS-CO



KOD	ÖLÇÜ	L	I	FİYAT	KOD	ÖLÇÜ	L	I	FİYAT
P384410200	2.0mm	51	7	5.50 €	P384411900	19.0mm	104	38	30.00 €
P384410250	2.5mm	52	8	5.50 €	P384412000	20.0mm	104	38	32.00 €
P384410300	3.0mm	52	8	6.00 €	P384412100	21.0mm	104	38	37.00 €
P384410400	4.0mm	55	11	6.00 €	P384412200	22.0mm	104	38	42.00 €
P384410500	5.0mm	57	13	6.00 €	P384412300	23.0mm	121	38	54.00 €
P384410600	6.0mm	57	13	10.00 €	P384412400	24.0mm	121	45	56.00 €
P384410700	7.0mm	66	16	12.00 €	P384412500	25.0mm	121	45	70.00 €
P384410800	8.0mm	69	19	13.00 €	P384412600	26.0mm	121	45	60.00 €
P384410900	9.0mm	69	19	14.00 €	P384412700	27.0mm	121	45	64.00 €
P384411000	10.0mm	72	22	14.00 €	P384412800	28.0mm	121	45	66.00 €
P384411100	11.0mm	79	22	15.00 €	P384412900	29.0mm	121	45	75.00 €
P384411200	12.0mm	83	26	15.00 €	P384413000	30.0mm	121	45	76.00 €
P384411300	13.0mm	83	26	15.00 €	P384413200	32.0mm	133	53	95.00 €
P384411400	14.0mm	83	26	18.00 €	P384413400	34.0mm	133	53	110.00 €
P384411500	15.0mm	83	26	19.00 €	P384413500	35.0mm	133	53	120.00 €
P384411600	16.0mm	92	32	20.00 €	P384413600	36.0mm	133	53	125.00 €
P384411700	17.0mm	92	32	24.00 €	P384413800	38.0mm	133	53	160.00 €
P384411800	18.0mm	92	38	25.00 €	P384414000	40.0mm	133	53	170.00 €

PTG

2 AĞIZ PARMAK FREZELER
DIN327



KOD	ÖLÇÜ	I	L	d	FİYAT
P84362902	2.0mm	7	54	6	5.00 €
P84362903	3.0mm	8	56	6	5.50 €
P84362904	4.0mm	11	63	6	5.50 €
P84362905	5.0mm	13	68	6	6.00 €
P84362905	6.0mm	13	68	6	6.00 €
P84362907	7.0mm	16	80	10	7.50 €
P84362908	8.0mm	19	88	10	8.00 €
P84362910	10.0mm	22	95	10	9.00 €
P84362912	12.0mm	26	110	12	10.50 €
P84362914	14.0mm	26	110	12	13.50 €
P84362916	16.0mm	32	123	16	16.00 €
P84362918	18.0mm	32	123	16	18.00 €
P84362920	20.0mm	38	141	20	24.00 €



PTG

KABATALAŞ PARMAK FREZELER
DIN844 - BNR HSS-CO

KOD	ÖLÇÜ	L	d	FİYAT
HSS-CO %8 - KISA				
P384430800	8.0mm	69	19	12.00 €
P384431000	10.0mm	72	22	12.00 €
P384431200	12.0mm	83	26	14.50 €
P384431400	14.0mm	83	26	18.00 €
P384431600	16.0mm	92	32	22.00 €
P384431800	18.0mm	92	32	27.00 €
P384432000	20.0mm	104	38	33.50 €
P384432200	22.0mm	104	38	42.00 €
P384432400	24.0mm	121	45	57.00 €
P384432500	25.0mm	121	45	57.50 €
HSS-CO %8 - UZUN				
P384440800	8.0mm	88	38	15.50 €
P384441000	10.0mm	95	45	15.50 €
P384441200	12.0mm	110	53	20.00 €
P384441400	14.0mm	110	53	24.00 €
P384441600	16.0mm	123	63	30.00 €
P384441800	18.0mm	123	63	36.00 €
P384442000	20.0mm	141	75	46.00 €

PTG

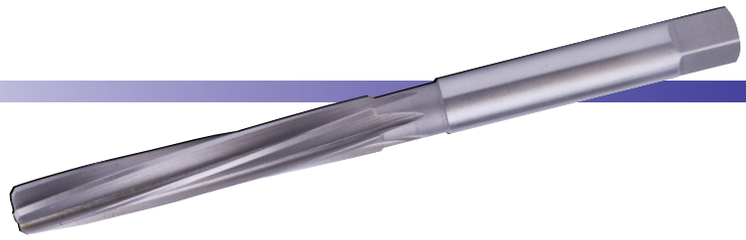


KABATALAŞ PARMAK FREZELER
DIN844 - BNR HSS UZUN

KOD	ÖLÇÜ	L	l	FİYAT
P84396505	5.0mm	64	22	9.00 €
P84396506	6.0mm	68	24	10.00 €
P84396508	8.0mm	88	38	12.50 €
P84396510	10.0mm	95	45	13.50 €
P84396512	12.0mm	110	53	16.00 €
P84396514	14.0mm	110	53	19.00 €
P84396516	16.0mm	123	63	24.00 €
P84396518	18.0mm	123	63	30.00 €
P84396520	20.0mm	141	75	36.50 €
P84396525	25.0mm	166	90	60.00 €
P84396530	30.0mm	166	90	90.00 €
P84396532	32.0mm	186	106	114.00 €

PTG

EL RAYBALARI
DIN206 HSS FORM B



KOD	ÖLÇÜ	L1	L2	g	FİYAT
P220600200	2.0mm	50	25	1.6	7.00 €
P220600300	3.0mm	62	32	2.4	7.00 €
P220600400	4.0mm	76	38	3	7.00 €
P220600500	5.0mm	87	44	3.8	7.00 €
P220600600	6.0mm	93	47	4.9	8.00 €
P220600700	7.0mm	107	54	5.5	8.00 €
P220600800	8.0mm	115	58	6.2	11.00 €
P220600900	9.0mm	124	62	7	12.00 €
P220601000	10.0mm	133	66	8	14.00 €
P220601200	12.0mm	152	76	9	17.00 €
P220601400	14.0mm	163	81	11	23.00 €
P220601600	16.0mm	175	87	12	25.00 €
P220601800	18.0mm	188	93	14.5	30.00 €
P220602000	20.0mm	201	100	16	35.00 €
P220602200	22.0mm	215	107	18	42.00 €
P220602400	24.0mm	231	115	18	51.00 €
P220602500	25.0mm	231	115	20	55.00 €
P220602600	26.0mm	231	115	20	60.00 €
P220602800	28.0mm	247	124	22	70.00 €
P220603000	30.0mm	247	124	24	82.00 €

PTG

SİLİNDİRİK SAPLI MAKİNA RAYBALARI
DIN212 HSS-CO FORM B/D



KOD	ÖLÇÜ	L1	L2	FİYAT
P2221250200	2.0mm	49	11	8.00 €
P2221250250	2.5mm	57	14	8.00 €
P2221250300	3.0mm	61	15	8.00 €
P2221250350	3.5mm	70	18	8.00 €
P2221250400	4.0mm	75	19	8.00 €
P2221250450	4.5mm	80	21	8.00 €
P2221250500	5.0mm	86	23	8.00 €
P2221250600	6.0mm	93	26	8.00 €
P2221250700	7.0mm	109	31	8.00 €
P2221250800	8.0mm	117	33	9.00 €
P2221250900	9.0mm	125	36	11.50 €
P2221251000	10.0mm	133	38	15.00 €
P2221251100	11.0mm	142	41	18.00 €
P2221251200	12.0mm	151	44	20.00 €
P2221251300	13.0mm	151	44	25.00 €
P2221251400	14.0mm	160	47	26.50 €
P2221251500	15.0mm	162	50	28.00 €
P2221251600	16.0mm	170	52	28.00 €



PTG

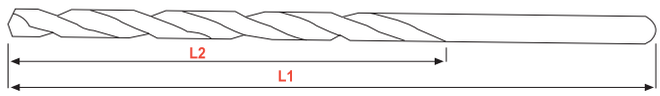
MAKİNA RAYBALARI
DIN208 HSS-CO FORM B

KOD	ÖLÇÜ	L1	L2	FİYAT
P220851000	10.0mm	168	38	22.00 €
P220851200	12.0mm	182	44	25.00 €
P220851400	14.0mm	189	47	27.00 €
P220851600	16.0mm	210	52	30.00 €
P220851800	18.0mm	219	56	31.00 €
P220852000	20.0mm	228	60	35.00 €
P220852200	22.0mm	237	64	40.00 €
P220852400	24.0mm	268	68	43.00 €
P220852500	25.0mm	268	68	45.00 €
P220852600	26.0mm	273	70	50.00 €
P220852800	28.0mm	277	71	55.00 €
P220853000	30.0mm	281	73	70.00 €

VÖRKER

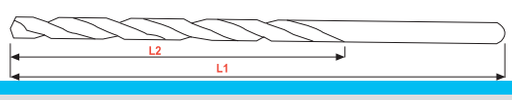


EXTRA UZUN MATKAP UÇLARI
DIN1869(N tipi)



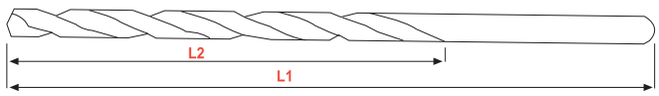
KOD	ÖLÇÜ	L1	L2	FİYAT
DIN1869-1				
VR-186910200	2.0mm	125	85	1.50 €
VR-186910250	2.5mm	140	95	1.85 €
VR-186910300	3.0mm	150	100	2.20 €
VR-186910350	3.5mm	165	115	2.60 €
VR-186910400	4.0mm	175	120	3.00 €
VR-186910420	4.2mm	180	125	3.50 €
VR-186910450	4.5mm	185	125	3.60 €
VR-186910500	5.0mm	195	135	4.25 €
VR-186910550	5.5mm	205	140	4.95 €
VR-186910600	6.0mm	205	140	5.50 €
VR-186910650	6.5mm	215	150	6.50 €
VR-186910700	7.0mm	225	155	7.90 €
VR-186910750	7.5mm	225	155	9.90 €
VR-186910800	8.0mm	240	165	11.00 €
VR-186910850	8.5mm	240	165	11.55 €
VR-186910900	9.0mm	250	175	13.20 €
VR-186910950	9.5mm	250	175	14.85 €
VR-186911000	10.0mm	265	185	17.60 €
VR-186911050	10.5mm	265	185	21.00 €
VR-186911100	11.0mm	280	195	22.00 €
VR-186911150	11.5mm	280	195	23.50 €
VR-186911200	12.0mm	295	205	24.50 €
VR-186911250	12.5mm	295	205	26.50 €
VR-186911300	13.0mm	295	205	30.00 €
DIN1869-2				
VR-186920200	2.0mm	160	110	2.20 €
VR-186920250	2.5mm	180	120	2.50 €
VR-186920300	3.0mm	190	130	2.50 €
VR-186920350	3.5mm	210	145	3.00 €
VR-186920400	4.0mm	220	150	3.65 €
VR-186920450	4.5mm	235	160	4.25 €
VR-186920500	5.0mm	245	170	4.95 €
VR-186920550	5.5mm	260	180	6.05 €
VR-186920600	6.0mm	260	180	7.15 €
VR-186920650	6.5mm	275	190	7.90 €
VR-186920700	7.0mm	290	200	11.00 €
VR-186920750	7.5mm	290	200	12.10 €
VR-186920800	8.0mm	305	210	14.60 €
VR-186920850	8.5mm	305	210	16.00 €
VR-186920900	9.0mm	320	220	17.60 €
VR-186920950	9.5mm	320	220	19.25 €
VR-186921000	10.0mm	340	235	23.10 €
VR-186921050	10.5mm	340	235	24.50 €
VR-186921100	11.0mm	365	250	28.00 €
VR-186921150	11.5mm	365	250	30.00 €
VR-186921200	12.0mm	375	260	34.00 €
VR-186921250	12.5mm	375	260	37.50 €
VR-186921300	13.0mm	375	260	42.50 €







VÖRKER



EXTRA UZUN MATKAP UÇLARI
DIN1869(N tipi)

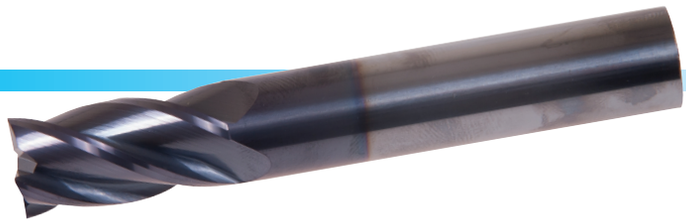
KOD	ÖLÇÜ	L1	L2	FİYAT
DIN1869-3				
VR-186930200	2.0mm	160	110	**3.25 €**
VR-186930250	2.5mm	180	120	**3.50 €**
VR-186930300	3.0mm	240	160	**3.75 €**
VR-186930350	3.5mm	265	180	**3.85 €**
VR-186930400	4.0mm	280	190	**4.50 €**
VR-186930450	4.5mm	295	200	**5.00 €**
VR-186930500	5.0mm	315	210	**5.50 €**
VR-186930550	5.5mm	330	225	**7.50 €**
VR-186930600	6.0mm	330	225	**8.80 €**
VR-186930650	6.5mm	350	235	**9.90 €**
VR-186930700	7.0mm	370	250	**12.10 €**
VR-186930750	7.5mm	370	250	**14.50 €**
VR-186930800	8.0mm	390	265	**16.50 €**
VR-186930850	8.5mm	390	265	**17.60 €**
VR-186930900	9.0mm	410	280	**21.00 €**
VR-186930950	9.5mm	410	280	**24.00 €**
VR-186931000	10.0mm	430	295	**27.50 €**
VR-186931050	10.5mm	430	295	**30.00 €**
VR-186931100	11.0mm	455	310	**32.00 €**
VR-186931150	11.5mm	455	310	**34.50 €**
VR-186931200	12.0mm	480	330	**38.50 €**
VR-186931250	12.5mm	480	330	**42.00 €**
VR-186931300	13.0mm	480	330	**45.00 €**

VÖRKER



KARBÜR MATKAP UÇLARI
DIN6539

KOD	ÖLÇÜ	L1	L2	FİYAT
VR-65390100	1.0mm	38	12	5.75 €
VR-65390150	1.5mm	38	12	6.50 €
VR-65390200	2.0mm	38	12	6.50 €
VR-65390250	2.5mm	43	14	7.50 €
VR-65390300	3.0mm	46	16	7.50 €
VR-65390320	3.2mm	46	16	8.00 €
VR-65390330	3.3mm	46	16	8.00 €
VR-65390350	3.5mm	52	20	8.00 €
VR-65390400	4.0mm	55	22	8.25 €
VR-65390420	4.2mm	55	22	8.50 €
VR-65390450	4.5mm	58	24	13.00 €
VR-65390500	5.0mm	62	26	13.25 €
VR-65390550	5.5mm	66	28	16.00 €
VR-65390600	6.0mm	66	28	16.00 €
VR-65390650	6.5mm	70	31	20.00 €
VR-65390700	7.0mm	74	34	22.00 €
VR-65390750	7.5mm	74	34	27.00 €
VR-65390800	8.0mm	79	37	27.50 €
VR-65390850	8.5mm	79	37	36.00 €
VR-65390900	9.0mm	84	40	37.00 €
VR-65390950	9.5mm	84	40	41.00 €
VR-65391000	10.0mm	89	43	43.00 €
VR-65391050	10.5mm	89	43	50.00 €
VR-65391100	11.0mm	95	47	57.00 €
VR-65391150	11.5mm	95	47	59.00 €
VR-65391200	12.0mm	102	51	65.00 €
VR-65391250	12.5mm	102	51	70.00 €
VR-65391300	13.0mm	102	51	72.00 €
VR-65391350	13.5mm	102	51	80.00 €
VR-65391400	14.0mm	107	54	90.00 €
VR-65391450	14.5mm	111	56	101.00 €
VR-65391500	15.0mm	111	56	104.00 €
VR-65391550	15.5mm	115	58	117.00 €
VR-65391600	16.0mm	115	58	117.00 €
VR-65391650	16.5mm	119	60	135.00 €
VR-65391700	17.0mm	119	60	138.00 €
VR-65391750	17.5mm	123	62	160.00 €
VR-65391800	18.0mm	123	62	160.00 €
VR-65391850	18.5mm	127	64	180.00 €
VR-65391900	19.0mm	127	64	180.00 €
VR-65391950	19.5mm	127	64	192.00 €
VR-65392000	20.0mm	131	66	195.00 €



VÖRKER

4 AĞIZ KARBÜR PARMAK FREZELER
DIN846

KOD	ÖLÇÜ	L1	L2	FİYAT	KOD	ÖLÇÜ	L1	L2	FİYAT
VR-65280100	1.0mm	50	3	5.00 €	VR-65280900	9.0mm	75	25	27.00 €
VR-65280150	1.5mm	50	4	5.75 €	VR-65281000	10.0mm	75	25	27.00 €
VR-65280200	2.0mm	50	6	5.75 €	VR-65281200	12.0mm	75	30	33.00 €
VR-65280250	2.5mm	50	6	6.00 €	VR-65281400	14.0mm	80	35	48.00 €
VR-65280300	3.0mm	50	8	6.00 €	VR-65281600	16.0mm	100	40	75.00 €
VR-65280400	4.0mm	50	10	6.00 €	VR-65281800	18.0mm	100	40	95.00 €
VR-65280500	5.0mm	50	13	8.50 €	VR-65282000	20.0mm	100	40	115.00 €
VR-65280600	6.0mm	50	15	9.00 €	VR-65282200	22.0mm	105	40	150.00 €
VR-65280700	7.0mm	63	19	15.00 €	VR-65282400	24.0mm	105	40	180.00 €
VR-65280800	8.0mm	60	20	15.00 €	VR-65282500	25.0mm	105	40	200.00 €



PTG

4 AĞIZ KARBÜR PARMAK FREZELER
UZUN

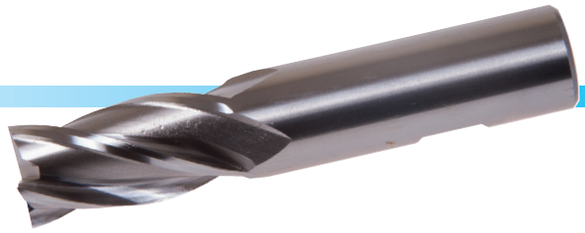
KOD	ÖLÇÜ	L	l	d	FİYAT
P84254503	3.0mm	20	58	6	16.00 €
P84254504	4.0mm	20	58	6	17.50 €
P84254505	5.0mm	25	63	6	22.00 €
P84254506	6.0mm	25	75	6	27.00 €
P84254508	8.0mm	28	75	8	40.00 €
P84254510	10.0mm	35	75	10	53.00 €
P84254512	12.0mm	45	100	12	88.00 €
P84254514	14.0mm	50	100	14	110.00 €
P84254516	16.0mm	50	100	16	140.00 €
P84254518	18.0mm	50	100	18	175.00 €
P84254520	20.0mm	60	120	20	247.00 €



2 AĞIZ KARBÜR PARMAK FREZELER

KOD	ÖLÇÜ	L	l	d	FİYAT
P84252802	2.0mm	6	50	6	11.50 €
P84252803	3.0mm	6	50	6	12.00 €
P84252804	4.0mm	8	50	6	13.50 €
P84252805	5.0mm	8	50	6	16.50 €
P84252806	6.0mm	19	63	6	20.00 €
P84252808	8.0mm	19	63	8	32.00 €
P84252810	10.0mm	22	70	10	47.00 €
P84252812	12.0mm	25	75	12	68.00 €
P84252814	14.0mm	30	88	14	88.00 €
P84252816	16.0mm	32	88	16	125.00 €
P84252818	18.0mm	36	100	18	155.00 €
P84252820	20.0mm	38	100	20	200.00 €

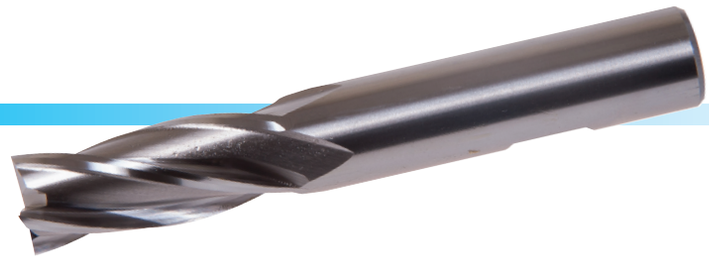
VÖRKER



PARMAK FREZELER

DIN844-BN HSS (M2 çelik)

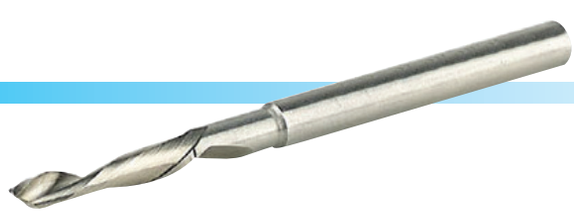
KOD	ÖLÇÜ	L1	L2	FİYAT
VR-84410200	2.0mm	51	7	2.50 €
VR-84410250	2.5mm	52	8	2.50 €
VR-84410300	3.0mm	52	8	2.50 €
VR-84410400	4.0mm	55	11	2.60 €
VR-84410500	5.0mm	57	13	3.15 €
VR-84410600	6.0mm	57	13	3.50 €
VR-84410700	7.0mm	66	16	4.00 €
VR-84410800	8.0mm	69	19	5.00 €
VR-84410900	9.0mm	69	19	6.00 €
VR-84411000	10.0mm	72	22	7.00 €
VR-84411100	11.0mm	79	22	8.00 €
VR-84411200	12.0mm	83	26	9.00 €
VR-84411300	13.0mm	83	26	10.00 €
VR-84411400	14.0mm	83	26	11.00 €
VR-84411500	15.0mm	83	26	13.00 €
VR-84411600	16.0mm	92	32	14.00 €
VR-84411700	17.0mm	92	32	15.00 €
VR-84411800	18.0mm	92	38	16.00 €
VR-84411900	19.0mm	104	38	20.00 €
VR-84412000	20.0mm	104	38	21.00 €
VR-84412100	21.0mm	104	38	27.00 €
VR-84412200	22.0mm	104	38	29.00 €
VR-84412300	23.0mm	121	38	35.00 €
VR-84412400	24.0mm	121	45	38.00 €
VR-84412500	25.0mm	121	45	40.00 €
VR-84412600	26.0mm	121	45	42.00 €
VR-84412700	27.0mm	121	45	44.00 €
VR-84412800	28.0mm	121	45	46.00 €
VR-84412900	29.0mm	121	45	48.00 €
VR-84413000	30.0mm	121	45	50.00 €
VR-84413100	31.0mm	133	53	53.00 €
VR-84413200	32.0mm	133	53	57.00 €
VR-84413300	33.0mm	133	53	60.00 €
VR-84413400	34.0mm	133	53	63.00 €
VR-84413500	35.0mm	133	53	67.00 €
VR-84413600	36.0mm	133	53	70.00 €
VR-84413800	38.0mm	133	53	73.00 €
VR-84414000	40.0mm	133	53	85.00 €



VÖRKER

PARMAK FREZELER
DIN844-BN HSS (M2 çelik) UZUN

KOD	ÖLÇÜ	L1	L2	FİYAT
VR-84420200	2.0mm	54	10	3.00 €
VR-84420250	2.5mm	56	12	3.00 €
VR-84420300	3.0mm	56	12	3.00 €
VR-84420400	4.0mm	63	19	3.25 €
VR-84420500	5.0mm	68	24	4.00 €
VR-84420600	6.0mm	68	24	5.00 €
VR-84420700	7.0mm	80	30	6.00 €
VR-84420800	8.0mm	88	38	7.00 €
VR-84420900	9.0mm	88	38	8.00 €
VR-84421000	10.0mm	95	45	9.00 €
VR-84421200	12.0mm	110	53	10.00 €
VR-84421300	13.0mm	110	53	12.00 €
VR-84421400	14.0mm	110	53	13.00 €
VR-84421500	15.0mm	110	53	17.00 €
VR-84421600	16.0mm	123	63	19.00 €
VR-84421700	17.0mm	123	63	20.00 €
VR-84421800	18.0mm	123	63	21.00 €
VR-84421900	19.0mm	123	63	25.00 €
VR-84422000	20.0mm	141	75	28.00 €
VR-84422200	22.0mm	141	75	38.00 €
VR-84422400	24.0mm	166	90	49.00 €
VR-84422500	25.0mm	166	90	52.00 €
VR-84422800	28.0mm	166	90	55.00 €
VR-84423000	30.0mm	166	90	64.00 €
VR-84423200	32.0mm	186	106	75.00 €
VR-84423400	34.0mm	186	106	83.00 €
VR-84423600	36.0mm	186	106	92.00 €
VR-84424000	40.0mm	217	125	135.00 €



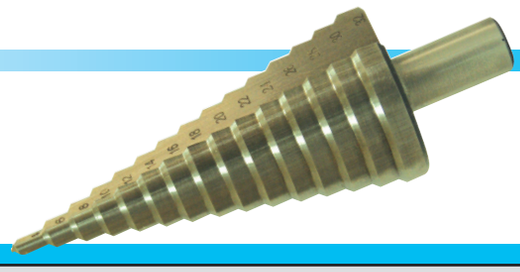
VÖRKER

TEK AĞIZ ALÜMİNYUM FREZE
HSS

KOD	ÖLÇÜ	d	L1	L2	FİYAT
VR-8460400	4.0mm	8	60	12	6.50 €
VR-8460401	4.0mm	8	100	23	7.50 €
VR-8460500	5.0mm	8	60	14	6.50 €
VR-8460501	5.0mm	8	80	23	8.00 €
VR-8460600	6.0mm	8	60	14	6.50 €
VR-8460601	6.0mm	8	100	25	9.00 €
VR-8460800	8.0mm	8	80	14	8.00 €
VR-8460801	8.0mm	8	120	25	11.00 €
VR-8461000	10.0mm	10	120	25	13.00 €

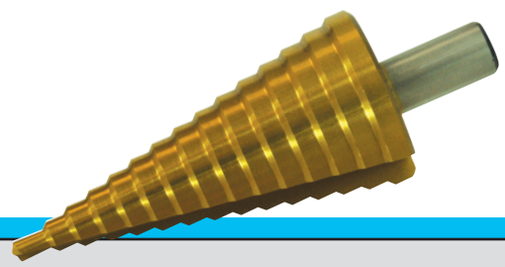
VÖRKER

KADEMELİ SAC DELME MATKABI
HSS (M2 çelik)



KOD	ÖLÇÜ	FİYAT
VR-13412D	4 X 12	10.00 €
VR-13420D	4 X 20	15.00 €
VR-13432D	4 X 32	32.00 €
VR-13439D	4 X 39	35.00 €

KADEMELİ SAC DELME MATKABI
HSS - TIN(M2 çelik)



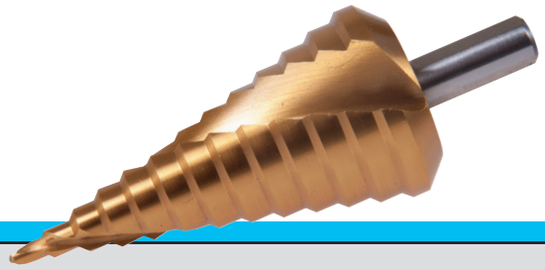
KOD	ÖLÇÜ	FİYAT
VR-14412T	4 X 12	12.00 €
VR-14420T	4 X 20	20.00 €
VR-14432T	4 X 32	38.00 €
VR-14439T	4 X 39	45.00 €
VR-13460D	6 X 50	55.00 €

KADEMELİ SAC DELME MATKABI
HELİS (M2 çelik)

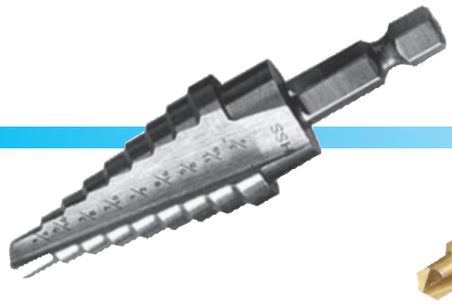


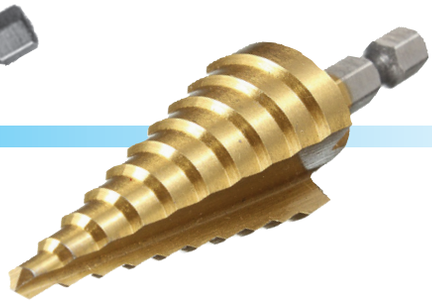
KOD	ÖLÇÜ	FİYAT
VR-10412S	4 X 12	12.00 €
VR-10420S	4 X 20	20.00 €
VR-10432S	4 X 32	38.00 €
VR-10439S	4 X 39	45.00 €

KADEMELİ SAC DELME MATKABI
HELİS - TIN (M2 çelik)



KOD	ÖLÇÜ	FİYAT
VR-11412T	4 X 12	15.00 €
VR-11420T	4 X 20	25.00 €
VR-11432T	4 X 32	45.00 €
VR-11439T	4 X 39	50.00 €

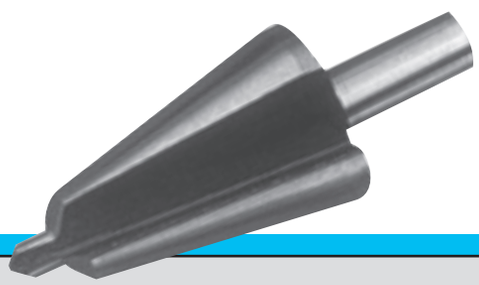




VÖRKER

KADEMELİ SAC DELME MATKABI
1/4” BİTS (M2 çelik)

KOD	ÖLÇÜ	FİYAT
VR-16412B	4 X 12	10.00 €
VR-16420B	4 X 20	15.00 €
VR-16432B	4 X 32	35.00 €
VR-17412T	4 X 12 TIN KAPLI	12.00 €
VR-17420T	4 X 20 TIN KAPLI	20.00 €
VR-17432T	4 X 32 TIN KAPLI	40.00 €



KADEMELİ SAC DELME MATKABI
HSS - KONİK (M2 çelik)

KOD	ÖLÇÜ	FİYAT
VR-18314D	3 X 14	10.00 €
VR-18315D	8 X 20	15.00 €
VR-18316D	16 X 30.5	38.00 €
VR-18317D	24 X 40	50.00 €
VR-18318D	36 X 50	65.00 €
VR-18319D	40 X 61	90.00 €







KADEMELİ SAC DELME SETLER

KOD	ÖLÇÜ	ÖZELLİK	FİYAT
VR-10412D	4 X 12 - 4 X 20 - 4 X 32	HSS	65.00 €
VR-10413D	4 X 12 - 4 X 20 - 4 X 32	HSS - TIN	70.00 €
VR-10415S	4 X 12 - 4 X 20 - 4 X 32	HELİS	70.00 €
VR-10420T	4 X 12 - 4 X 20 - 4 X 32	HELİS - TIN	80.00 €

VÖRKER

HAVŞA FREZE
DIN335 HSS 60°



KOD	ÖLÇÜ	L	d	FİYAT
VR-3350630	6.3mm	44	6	4.00 €
VR-3350830	8.3mm	52	6	4.50 €
VR-3351040	10.4mm	52	6	5.50 €
VR-3351240	12.4mm	52	10	8.00 €
VR-3351650	16.5mm	60	10	12.00 €
VR-3352050	20.5mm	68	10	15.00 €
VR-3352500	25.0mm	84	12	20.00 €

VÖRKER

HAVŞA FREZE
DIN335 HSS-CO 90°



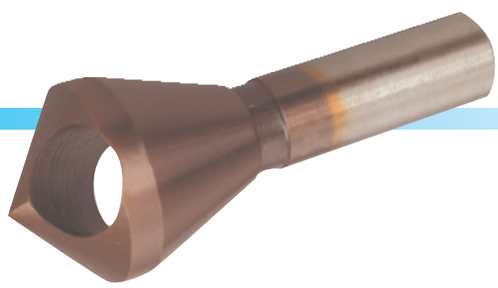
KOD	ÖLÇÜ	L	d	FİYAT
VR-33510630	6.3mm	44	6	4.00 €
VR-33510830	8.3mm	52	6	4.50 €
VR-33511040	10.4mm	52	6	5.50 €
VR-33511240	12.4mm	52	10	8.00 €
VR-33511650	16.5mm	60	10	12.00 €
VR-33512050	20.5mm	68	10	15.00 €
VR-33512500	25.0mm	84	12	20.00 €
VR-33512800	28.0mm	87	14	30.00 €
VR-33513100	31.0mm	90	16	35.00 €
VR-33514000	40.0mm	97	16	45.00 €



VÖRKER

HAVŞA FREZE
DIN335 HSS TIN 90°

KOD	ÖLÇÜ	L	d	FİYAT
VR-3350630T	6.3mm	44	6	5.00 €
VR-3350830T	8.3mm	52	6	5.50 €
VR-3351040T	10.4mm	52	6	6.50 €
VR-3351240T	12.4mm	52	10	9.00 €
VR-3351650T	16.5mm	60	10	14.00 €
VR-3352050T	20.5mm	68	10	17.00 €
VR-3352500T	25.0mm	84	12	23.00 €
VR-3353100T	31.0mm	90	16	40.00 €
VR-3354000T	40.0mm	97	16	55.00 €



VÖRKER

DELİKLİ HAVŞA FREZE
DIN335 HSS-TICN

KOD	ÖLÇÜ	FİYAT
VR-3350205	2-5	5.50 €
VR-3350510	5-10	10.00 €
VR-3351015	10-15	15.00 €
VR-3351520	15-20	30.00 €
VR-3352025	20-25	60.00 €
VR-3352530	25-30	85.00 €
VR-3353035	30-35	110.00 €



VÖRKER

HAVŞA FREZE SETLERİ
DIN335 HSS

KOD	ÖLÇÜ	FİYAT
VR-33506	6.3mm, 8.3mm, 10.4mm, 12.4mm, 16.5mm, 20.5mm	60.00 €
VR33506T	6.3mm, 8.3mm, 10.4mm, 12.4mm, 16.5mm, 20.5mm TIN KAPLAMA	70.00 €

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