

QDA



Daha yüksek hızlar ve daha iyi yüzeyler için uygun maliyetli matkap

Geniş malzeme ve çeşitli uygulamalar için çok yönlü matkap serisi

Soğutma kanallı $\varnothing$ 1 mm çapından başlayarak üç çeşiti mevcuttur

İyi talaş kontrolü ve uzun takım ömrü



Bizi ziyaret edin

LinkedIn

**KEEPS YOU
AHEAD**



Yüksek üretkenlik için yeni çok yönlü karbür matkap

QDA

QDA matkabı iyi talaş tahliyesi sağlar ve rijit takım tasarımı takım ömrünü önemli ölçüde artırır.

Mevcut takım çap aralığı (Z2)



Tip N

Normal tip

Genel amaçlı dizayn soğutma kanalsız.
Dıştan soğutmalı işleme için ekonomik seri.

Çap aralığı

3xD

5xD

Ø3.0 - Ø20.0 mm



Tip C

İçten Soğutma kanallı

Soğutma sıvı kanallı tasarım, paslanmaz çelikler vb. ile daha yüksek verimlilik ve istikrarlı işleme sağlar.

Çap aralığı

3xD

5xD

8xD

Ø3.0 - Ø20.0 mm



Mikro

İçten soğutma kanallı

İçten soğutmalı tasarım, daha uzun takım ömrü ve çeşitli malzemelerde stabil işleme sağlar.

Çap aralığı

5xD

8xD

Ø1.0 - Ø3.0 mm



Yüksek ilerlemeli teknoloji

Kaplamalı karbür matkap

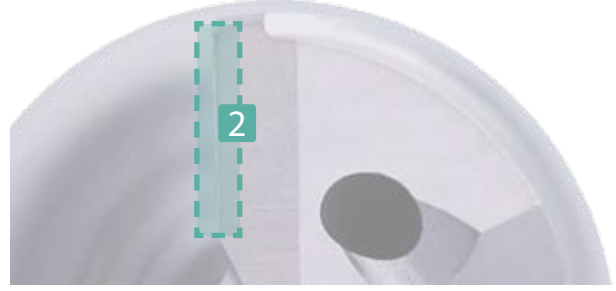
Geniş talaş cepleri

Daha geniş alan ve daha fazla boşluk sayesinde daha iyi ve pürüzsüz talaş tahliyesi sağlar.



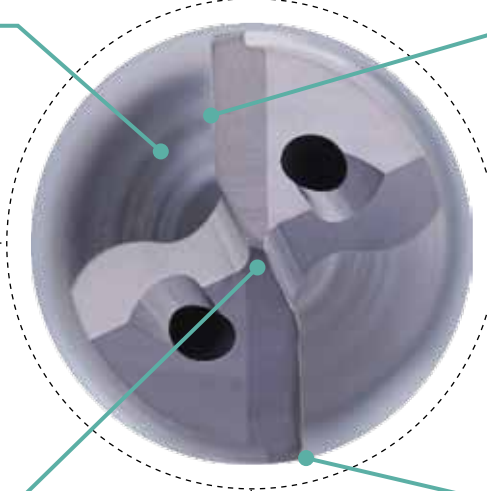
Düz kenar profili

Yüksek seviyede işleme yaparken daha kısa talaşlar oluşturur ve daha uzun takım ömrü için güçlendirilmiş bir kesici kenar sunar.



1 Daha geniş talaş cebi Daha pürüzsüz talaş tahliyesi

2 Düz kenar profili Güçlendirilmiş kesici kenar.



3 Daha büyük K Değeri Daha yüksek ilerleme

4 Kenar Pahlı Daha iyi yüzey pürüzlülüğü



Öz çap

QDA daha yüksek ilerleme oranları için uygundur ve daha büyük öz çapı takım dayanıklılığını önemli ölçüde artırır



Kenar Pahlı

Bu, onu dökme demir için ideal bir takım haline getirir ve genel olarak daha iyi yüzey finışı sunar.

Malzemeler

Çok yönlü

5 malzeme grubu için uygun

P

M

K

N

S



Talaş Durumu

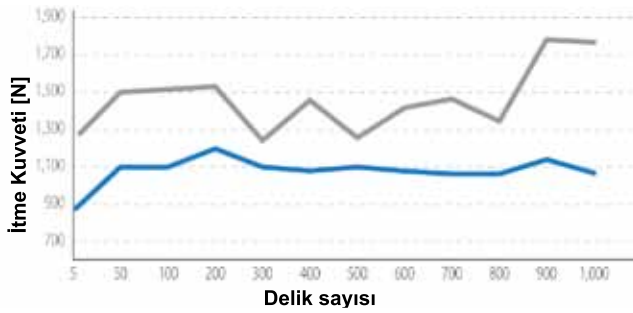
İyi talaş formu



Kesme şartları; malzeme Paslanmaz Çelik 316L
VC = 60 mm, f = 0.16 mm/rev.

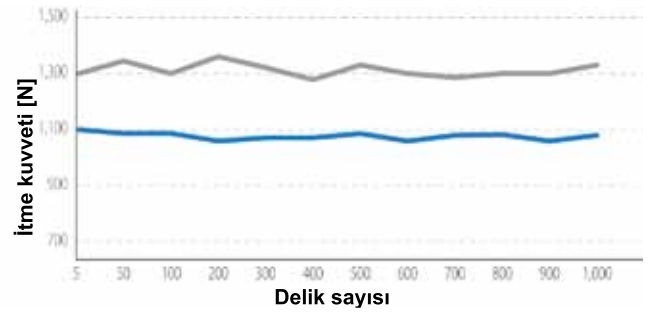
İtme kuvveti (Dahili değerlendirme) (Fz)

St.52



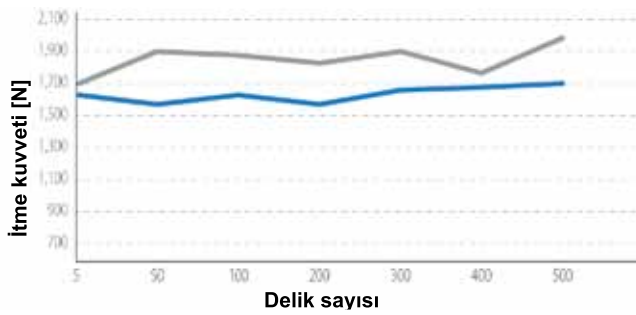
- Ortalama değerde rakipten **35% daha yüksek**
- QDA'dan daha düşük ve daha kararlı itme kuvveti

GGG40

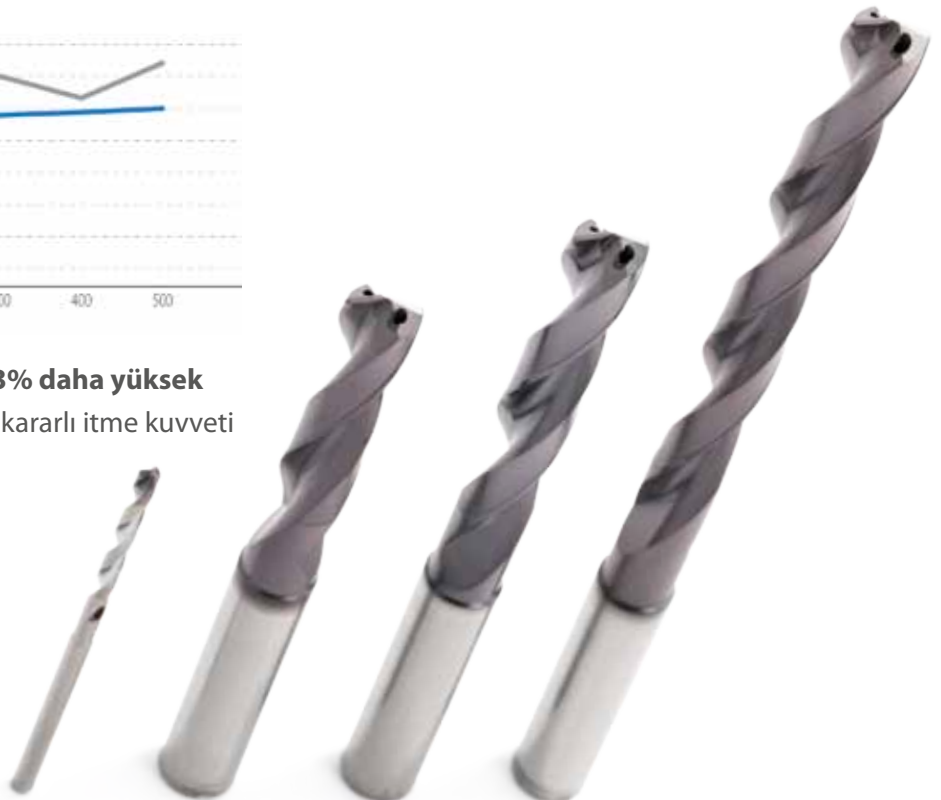


- Ortalama değerde rakipten **23% daha yüksek**
- QDA'dan daha düşük itme kuvveti

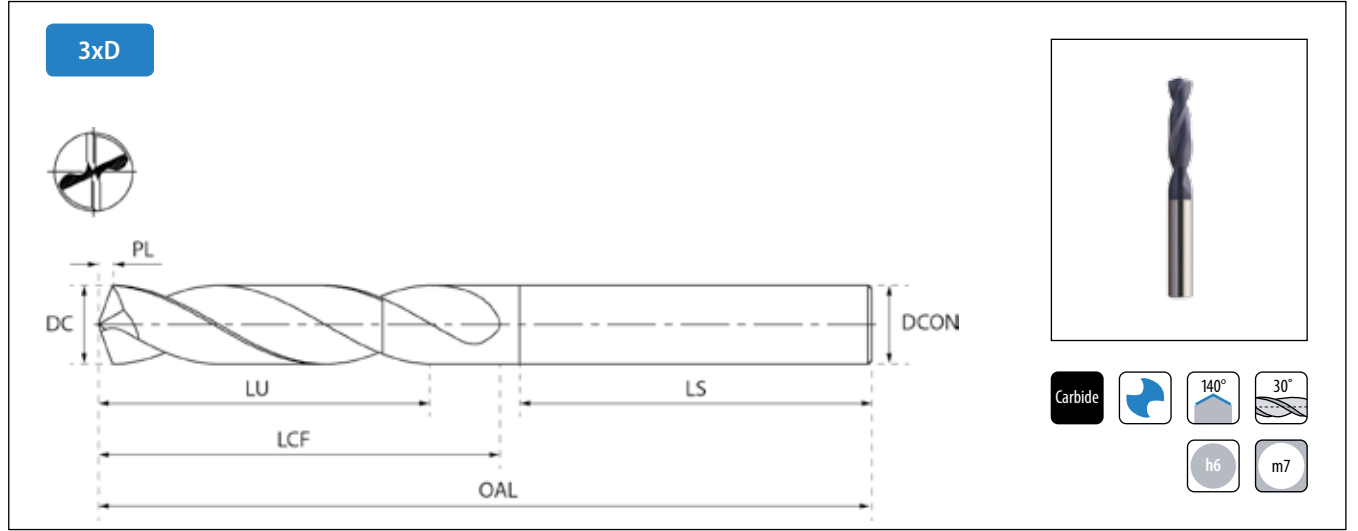
AISI 304



- Ortalama değerde rakipten **13% daha yüksek**
- QDA'dan daha düşük ve daha kararlı itme kuvveti

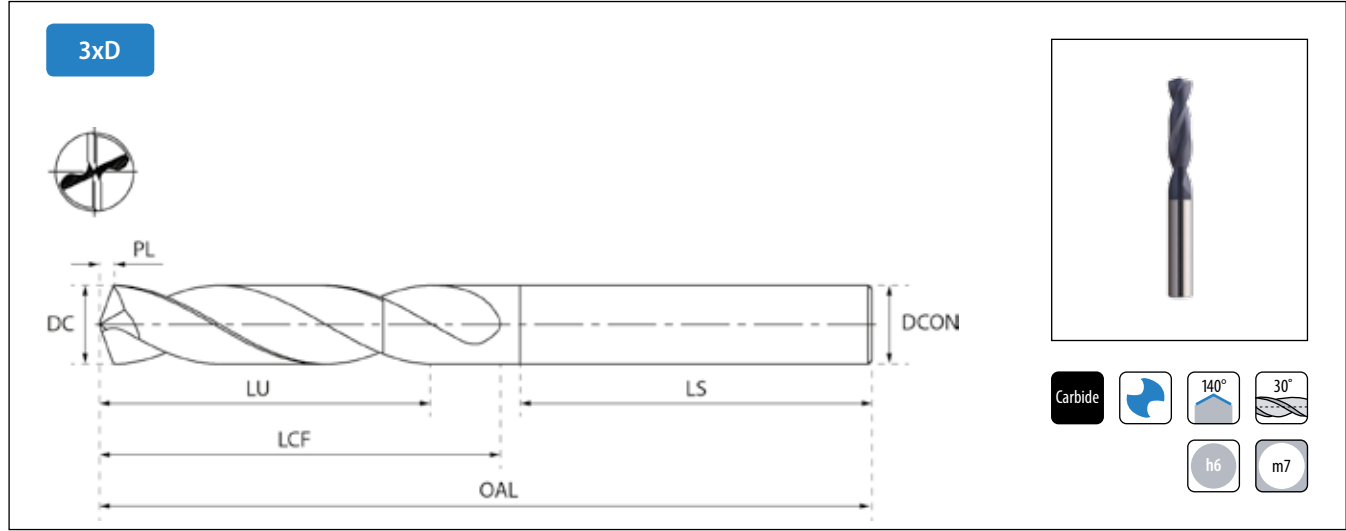


Tip N Soğutma sıvı kanalsız



Açıklama	Stok	Ölçüler (mm)						
		DC	DCON	OAL	LU	LCF	LS	PL
QDA0300X03S060N	●	3	6	62	14	20	36	0.6
QDA0310X03S060N	●	3.1	6	62	14	20	36	0.6
QDA0320X03S060N	●	3.2	6	62	14	20	36	0.6
QDA0330X03S060N	●	3.3	6	62	14	20	36	0.7
QDA0340X03S060N	●	3.4	6	62	14	20	36	0.7
QDA0350X03S060N	●	3.5	6	62	14	20	36	0.7
QDA0360X03S060N	●	3.6	6	62	14	20	36	0.7
QDA0370X03S060N	●	3.7	6	62	14	20	36	0.7
QDA0380X03S060N	●	3.8	6	66	17	24	36	0.8
QDA0390X03S060N	●	3.9	6	66	17	24	36	0.8
QDA0400X03S060N	●	4	6	66	17	24	36	0.8
QDA0410X03S060N	●	4.1	6	66	17	24	36	0.8
QDA0420X03S060N	●	4.2	6	66	17	24	36	0.8
QDA0430X03S060N	●	4.3	6	66	17	24	36	0.9
QDA0440X03S060N	●	4.4	6	66	17	24	36	0.9
QDA0450X03S060N	●	4.5	6	66	17	24	36	0.9
QDA0460X03S060N	●	4.6	6	66	17	24	36	0.9
QDA0470X03S060N	●	4.7	6	66	17	24	36	0.9
QDA0480X03S060N	●	4.8	6	66	20	28	36	1.0
QDA0490X03S060N	●	4.9	6	66	20	28	36	1.0
QDA0500X03S060N	●	5	6	66	20	28	36	1.0
QDA0510X03S060N	●	5.1	6	66	20	28	36	1.0
QDA0520X03S060N	●	5.2	6	66	20	28	36	1.0
QDA0530X03S060N	●	5.3	6	66	20	28	36	1.0
QDA0540X03S060N	●	5.4	6	66	20	28	36	1.1
QDA0550X03S060N	●	5.5	6	66	20	28	36	1.1
QDA0560X03S060N	●	5.6	6	66	20	28	36	1.1
QDA0570X03S060N	●	5.7	6	66	20	28	36	1.1

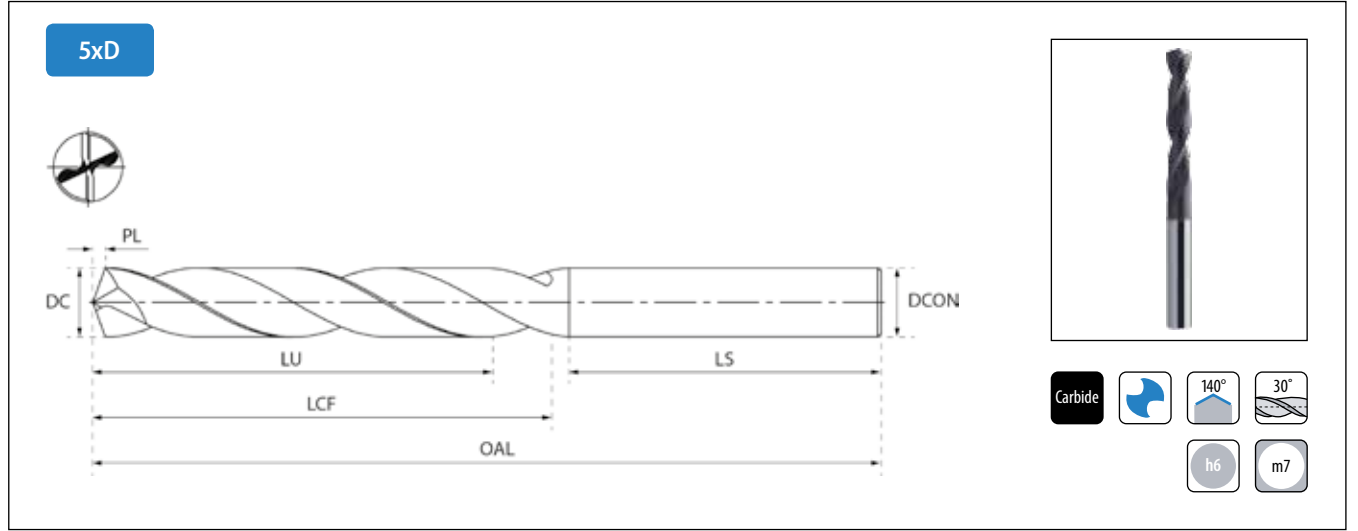
Açıklama	Stok	Ölçüler (mm)						
		DC	DCON	OAL	LU	LCF	LS	PL
QDA0580X03S060N	●	5.8	6	66	20	28	36	1.1
QDA0590X03S060N	●	5.9	6	66	20	28	36	1.2
QDA0600X03S060N	●	6	6	66	20	28	36	1.2
QDA0610X03S080N	●	6.1	8	79	24	34	36	1.2
QDA0620X03S080N	●	6.2	8	79	24	34	36	1.2
QDA0630X03S080N	●	6.3	8	79	24	34	36	1.2
QDA0640X03S080N	●	6.4	8	79	24	34	36	1.3
QDA0650X03S080N	●	6.5	8	79	24	34	36	1.3
QDA0660X03S080N	●	6.6	8	79	24	34	36	1.3
QDA0670X03S080N	●	6.7	8	79	24	34	36	1.3
QDA0680X03S080N	●	6.8	8	79	24	34	36	1.3
QDA0690X03S080N	●	6.9	8	79	24	34	36	1.4
QDA0700X03S080N	●	7	8	79	24	34	36	1.4
QDA0710X03S080N	●	7.1	8	79	29	41	36	1.4
QDA0720X03S080N	●	7.2	8	79	29	41	36	1.4
QDA0730X03S080N	●	7.3	8	79	29	41	36	1.4
QDA0740X03S080N	●	7.4	8	79	29	41	36	1.5
QDA0750X03S080N	●	7.5	8	79	29	41	36	1.5
QDA0760X03S080N	●	7.6	8	79	29	41	36	1.5
QDA0770X03S080N	●	7.7	8	79	29	41	36	1.5
QDA0780X03S080N	●	7.8	8	79	29	41	36	1.5
QDA0790X03S080N	●	7.9	8	79	29	41	36	1.6
QDA0800X03S080N	●	8	8	79	29	41	36	1.6
QDA0810X03S100N	●	8.1	10	89	35	47	40	1.6
QDA0820X03S100N	●	8.2	10	89	35	47	40	1.6
QDA0830X03S100N	●	8.3	10	89	35	47	40	1.6
QDA0840X03S100N	●	8.4	10	89	35	47	40	1.7
QDA0850X03S100N	●	8.5	10	89	35	47	40	1.7



Açıklama	Stok	Ölçüler (mm)						
		DC	DCON	OAL	LU	LCF	LS	PL
QDA0860X03S100N	●	8.6	10	89	35	47	40	1.7
QDA0870X03S100N	●	8.7	10	89	35	47	40	1.7
QDA0880X03S100N	●	8.8	10	89	35	47	40	1.7
QDA0890X03S100N	●	8.9	10	89	35	47	40	1.8
QDA0900X03S100N	●	9	10	89	35	47	40	1.8
QDA0910X03S100N	●	9.1	10	89	35	47	40	1.8
QDA0920X03S100N	●	9.2	10	89	35	47	40	1.8
QDA0930X03S100N	●	9.3	10	89	35	47	40	1.8
QDA0940X03S100N	●	9.4	10	89	35	47	40	1.9
QDA0950X03S100N	●	9.5	10	89	35	47	40	1.9
QDA0960X03S100N	●	9.6	10	89	35	47	40	1.9
QDA0970X03S100N	●	9.7	10	89	35	47	40	1.9
QDA0980X03S100N	●	9.8	10	89	35	47	40	1.9
QDA0990X03S100N	●	9.9	10	89	35	47	40	2.0
QDA1000X03S100N	●	10	10	89	35	47	40	2.0
QDA1010X03S120N	●	10.1	12	102	40	55	45	2.0
QDA1020X03S120N	●	10.2	12	102	40	55	45	2.0
QDA1030X03S120N	●	10.3	12	102	40	55	45	2.0
QDA1040X03S120N	●	10.4	12	102	40	55	45	2.1
QDA1050X03S120N	●	10.5	12	102	40	55	45	2.1
QDA1060X03S120N	●	10.6	12	102	40	55	45	2.1
QDA1070X03S120N	●	10.7	12	102	40	55	45	2.1
QDA1080X03S120N	●	10.8	12	102	40	55	45	2.1
QDA1090X03S120N	●	10.9	12	102	40	55	45	2.2
QDA1100X03S120N	●	11	12	102	40	55	45	2.2
QDA1110X03S120N	●	11.1	12	102	40	55	45	2.2
QDA1120X03S120N	●	11.2	12	102	40	55	45	2.2
QDA1130X03S120N	●	11.3	12	102	40	55	45	2.2

Açıklama	Stok	Ölçüler (mm)						
		DC	DCON	OAL	LU	LCF	LS	PL
QDA1140X03S120N	●	11.4	12	102	40	55	45	2.3
QDA1150X03S120N	●	11.5	12	102	40	55	45	2.3
QDA1160X03S120N	●	11.6	12	102	40	55	45	2.3
QDA1170X03S120N	●	11.7	12	115	40	55	45	2.3
QDA1180X03S120N	●	11.8	12	115	40	55	45	2.3
QDA1190X03S120N	●	11.9	12	115	40	55	45	2.4
QDA1200X03S120N	●	12	12	115	40	55	45	2.4
QDA1250X03S140N	●	12.5	14	107	43	60	45	2.5
QDA1270X03S140N	●	12.7	14	107	43	60	45	2.5
QDA1300X03S140N	●	13	14	107	43	60	45	2.6
QDA1350X03S140N	●	13.5	14	107	43	60	45	2.7
QDA1370X03S140N	●	13.7	14	107	43	60	45	2.7
QDA1400X03S140N	●	14	14	107	43	60	45	2.8
QDA1450X03S160N	●	14.5	16	115	45	65	48	2.9
QDA1500X03S160N	●	15	16	115	45	65	48	3.0
QDA1550X03S160N	●	15.5	16	115	45	65	48	3.1
QDA1600X03S160N	●	16	16	115	45	65	48	3.2
QDA1650X03S180N	●	16.5	18	123	51	73	48	3.3
QDA1700X03S180N	●	17	18	123	51	73	48	3.4
QDA1750X03S180N	●	17.5	18	123	51	73	48	3.5
QDA1800X03S180N	●	18	18	123	51	73	48	3.6
QDA1850X03S200N	●	18.5	20	131	55	79	50	3.7
QDA1900X03S200N	●	19	20	131	55	79	50	3.8
QDA1950X03S200N	●	19.5	20	131	55	79	50	3.9
QDA2000X03S200N	●	20	20	131	55	79	50	4.0

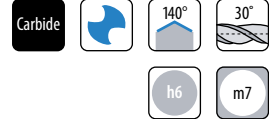
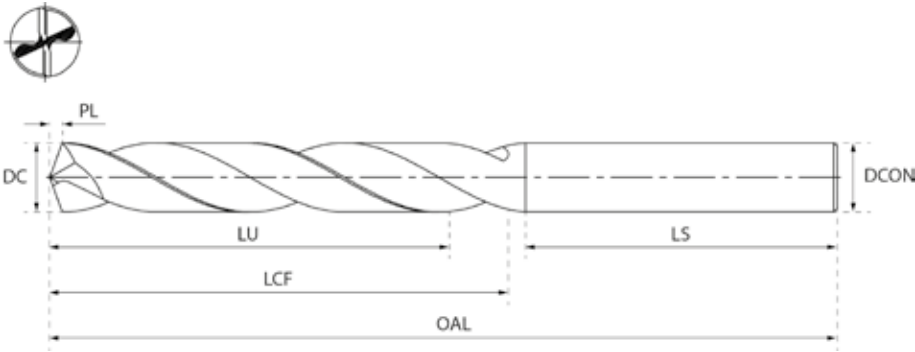
Tip N Soğutma sıvı kanalsız



Açıklama	Stok	Ölçüler (mm)						
		DC	DCON	OAL	LU	LCF	LS	PL
QDA0300X05S060N	●	3	6	66	23	28	36	0.6
QDA0310X05S060N	●	3.1	6	66	23	28	36	0.6
QDA0320X05S060N	●	3.2	6	66	23	28	36	0.6
QDA0330X05S060N	●	3.3	6	66	23	28	36	0.7
QDA0340X05S060N	●	3.4	6	66	23	28	36	0.7
QDA0350X05S060N	●	3.5	6	66	23	28	36	0.7
QDA0360X05S060N	●	3.6	6	66	23	28	36	0.7
QDA0370X05S060N	●	3.7	6	66	23	28	36	0.7
QDA0380X05S060N	●	3.8	6	74	29	36	36	0.8
QDA0390X05S060N	●	3.9	6	74	29	36	36	0.8
QDA0400X05S060N	●	4	6	74	29	36	36	0.8
QDA0410X05S060N	●	4.1	6	74	29	36	36	0.8
QDA0420X05S060N	●	4.2	6	74	29	36	36	0.8
QDA0430X05S060N	●	4.3	6	74	29	36	36	0.9
QDA0440X05S060N	●	4.4	6	74	29	36	36	0.9
QDA0450X05S060N	●	4.5	6	74	29	36	36	0.9
QDA0460X05S060N	●	4.6	6	74	29	36	36	0.9
QDA0470X05S060N	●	4.7	6	74	29	36	36	0.9
QDA0480X05S060N	●	4.8	6	82	35	44	36	1.0
QDA0490X05S060N	●	4.9	6	82	35	44	36	1.0
QDA0500X05S060N	●	5	6	82	35	44	36	1.0
QDA0510X05S060N	●	5.1	6	82	35	44	36	1.0
QDA0520X05S060N	●	5.2	6	82	35	44	36	1.0
QDA0530X05S060N	●	5.3	6	82	35	44	36	1.0
QDA0540X05S060N	●	5.4	6	82	35	44	36	1.1
QDA0550X05S060N	●	5.5	6	82	35	44	36	1.1
QDA0560X05S060N	●	5.6	6	82	35	44	36	1.1
QDA0570X05S060N	●	5.7	6	82	35	44	36	1.1

Açıklama	Stok	Ölçüler (mm)						
		DC	DCON	OAL	LU	LCF	LS	PL
QDA0580X05S060N	●	5.8	6	82	35	44	36	1.1
QDA0590X05S060N	●	5.9	6	82	35	44	36	1.2
QDA0600X05S060N	●	6	6	82	35	44	36	1.2
QDA0610X05S080N	●	6.1	8	91	43	53	36	1.2
QDA0620X05S080N	●	6.2	8	91	43	53	36	1.2
QDA0630X05S080N	●	6.3	8	91	43	53	36	1.2
QDA0640X05S080N	●	6.4	8	91	43	53	36	1.3
QDA0650X05S080N	●	6.5	8	91	43	53	36	1.3
QDA0660X05S080N	●	6.6	8	91	43	53	36	1.3
QDA0670X05S080N	●	6.7	8	91	43	53	36	1.3
QDA0680X05S080N	●	6.8	8	91	43	53	36	1.3
QDA0690X05S080N	●	6.9	8	91	43	53	36	1.4
QDA0700X05S080N	●	7	8	91	43	53	36	1.4
QDA0710X05S080N	●	7.1	8	91	43	53	36	1.4
QDA0720X05S080N	●	7.2	8	91	43	53	36	1.4
QDA0730X05S080N	●	7.3	8	91	43	53	36	1.4
QDA0740X05S080N	●	7.4	8	91	43	53	36	1.5
QDA0750X05S080N	●	7.5	8	91	43	53	36	1.5
QDA0760X05S080N	●	7.6	8	91	43	53	36	1.5
QDA0770X05S080N	●	7.7	8	91	43	53	36	1.5
QDA0780X05S080N	●	7.8	8	91	43	53	36	1.5
QDA0790X05S080N	●	7.9	8	91	43	53	36	1.6
QDA0800X05S080N	●	8	8	91	43	53	36	1.6
QDA0810X05S100N	●	8.1	10	91	43	53	36	1.6
QDA0820X05S100N	●	8.2	10	103	49	61	36	1.6
QDA0830X05S100N	●	8.3	10	103	49	61	36	1.6
QDA0840X05S100N	●	8.4	10	103	49	61	36	1.7
QDA0850X05S100N	●	8.5	10	103	49	61	36	1.7

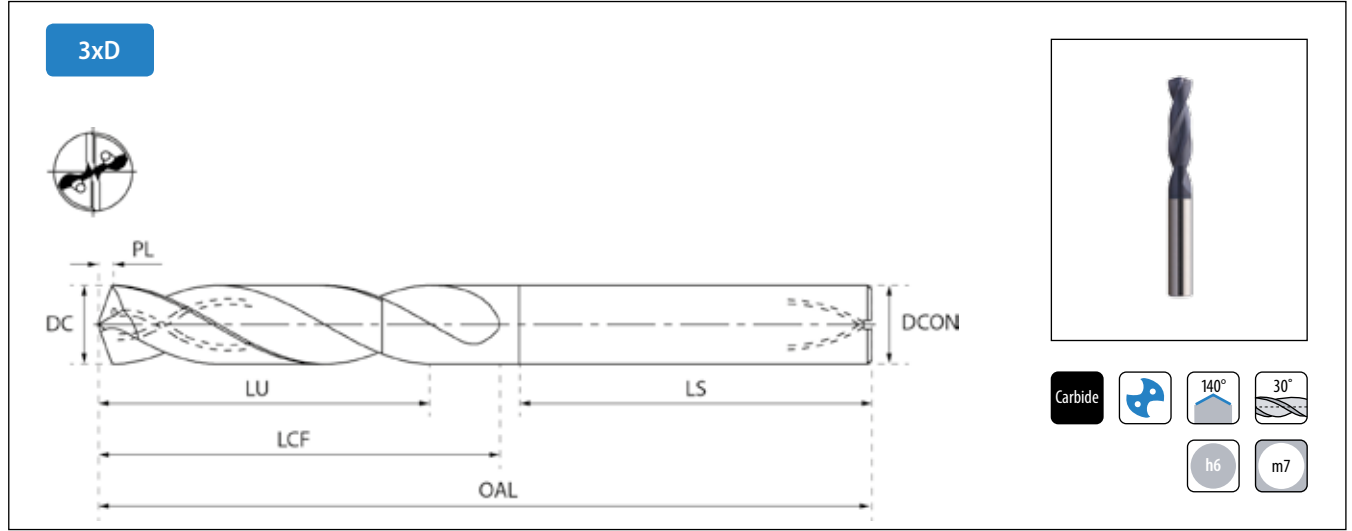
5xD



Açıklama	Stok	Ölçüler (mm)						
		DC	DCON	OAL	LU	LCF	LS	PL
QDA0860X05S100N	●	8.6	10	103	49	61	36	1.7
QDA0870X05S100N	●	8.7	10	103	49	61	36	1.7
QDA0880X05S100N	●	8.8	10	103	49	61	36	1.7
QDA0890X05S100N	●	8.9	10	103	49	61	36	1.8
QDA0900X05S100N	●	9	10	103	49	61	40	1.8
QDA0910X05S100N	●	9.1	10	103	49	61	40	1.8
QDA0920X05S100N	●	9.2	10	103	49	61	40	1.8
QDA0930X05S100N	●	9.3	10	103	49	61	40	1.8
QDA0940X05S100N	●	9.4	10	103	49	61	40	1.9
QDA0950X05S100N	●	9.5	10	103	49	61	40	1.9
QDA0960X05S100N	●	9.6	10	103	49	61	40	1.9
QDA0970X05S100N	●	9.7	10	103	49	61	40	1.9
QDA0980X05S100N	●	9.8	10	103	49	61	40	1.9
QDA0990X05S100N	●	9.9	10	103	49	61	40	2.0
QDA1000X05S100N	●	10	10	103	49	61	40	2.0
QDA1020X05S120N	●	10.2	12	118	56	71	45	2.0
QDA1050X05S120N	●	10.5	12	118	56	71	45	2.1
QDA1080X05S120N	●	10.8	12	118	56	71	45	2.1
QDA1100X05S120N	●	11	12	118	56	71	45	2.2
QDA1120X05S120N	●	11.2	12	118	56	71	45	2.2
QDA1130X05S120N	●	11.3	12	118	56	71	45	2.2
QDA1150X05S120N	●	11.5	12	118	56	71	45	2.3
QDA1180X05S120N	●	11.8	12	118	56	71	45	2.3
QDA1200X05S120N	●	12	12	118	56	71	45	2.4
QDA1220X05S140N	●	12.2	14	124	60	77	45	2.4
QDA1250X05S140N	●	12.5	14	124	60	77	45	2.5
QDA1270X05S140N	●	12.7	14	124	60	77	45	2.5
QDA1280X05S140N	●	12.8	14	124	60	77	45	2.5

Açıklama	Stok	Ölçüler (mm)						
		DC	DCON	OAL	LU	LCF	LS	PL
QDA1300X05S140N	●	13	14	124	60	77	45	2.6
QDA1330X05S140N	●	13.3	14	124	60	77	45	2.6
QDA1350X05S140N	●	13.5	14	124	60	77	45	2.7
QDA1370X05S140N	●	13.7	14	124	60	77	45	2.7
QDA1380X05S140N	●	13.8	14	124	60	77	45	2.7
QDA1400X05S140N	●	14	14	124	60	77	45	2.7
QDA1450X05S160N	●	14.5	16	133	63	83	48	2.9
QDA1500X05S160N	●	15	16	133	63	83	48	3.0
QDA1530X05S160N	●	15.3	16	133	63	83	48	3.0
QDA1550X05S160N	●	15.5	16	133	63	83	48	3.1
QDA1580X05S160N	●	15.8	16	133	63	83	48	3.1
QDA1600X05S160N	●	16	16	133	63	83	48	3.2
QDA1650X05S180N	●	16.5	18	143	71	93	48	3.3
QDA1700X05S180N	●	17	18	143	71	93	48	3.4
QDA1750X05S180N	●	17.5	18	143	71	93	48	3.5
QDA1800X05S180N	●	18	18	143	71	93	48	3.6
QDA1850X05S200N	●	18.5	20	153	77	101	50	3.7
QDA1900X05S200N	●	19	20	153	77	101	50	3.8
QDA1950X05S200N	●	19.5	20	153	77	101	50	3.9
QDA2000X05S200N	●	20	20	153	77	101	50	4.0

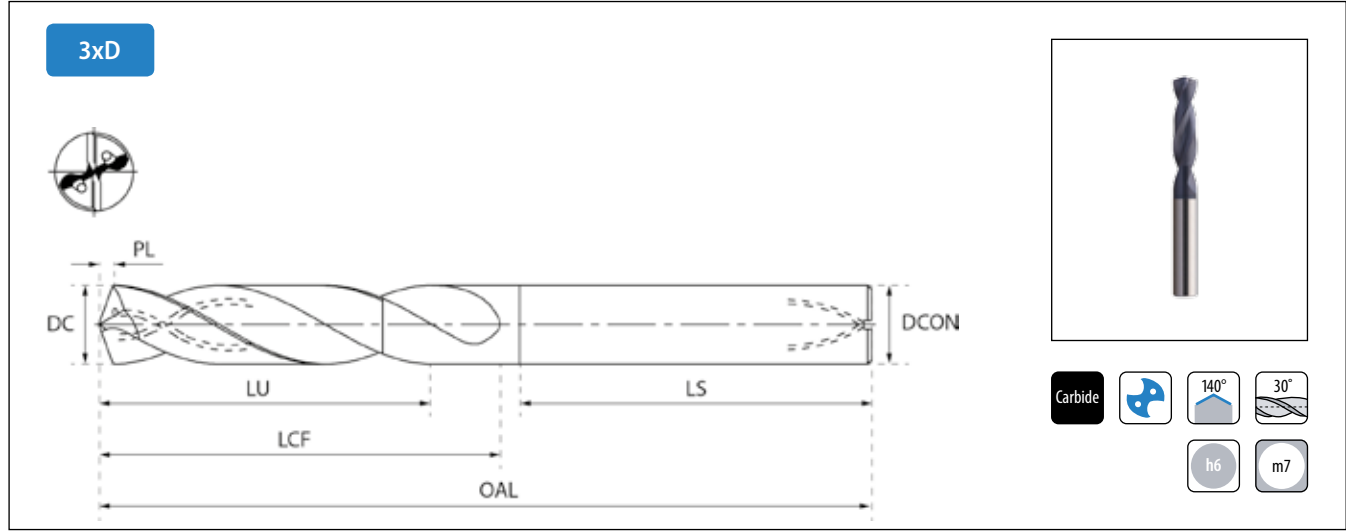
Tip C soğutma sıvı kanallı



Açıklama	Stok	Ölçüler (mm)						
		DC	DCON	OAL	LU	LCF	LS	PL
QDA0300X03S060C	●	3	6	62	14	20	36	0.6
QDA0310X03S060C	●	3.1	6	62	14	20	36	0.6
QDA0320X03S060C	●	3.2	6	62	14	20	36	0.6
QDA0330X03S060C	●	3.3	6	62	14	20	36	0.7
QDA0340X03S060C	●	3.4	6	62	14	20	36	0.7
QDA0350X03S060C	●	3.5	6	62	14	20	36	0.7
QDA0360X03S060C	●	3.6	6	62	14	20	36	0.7
QDA0370X03S060C	●	3.7	6	62	14	20	36	0.7
QDA0380X03S060C	●	3.8	6	66	17	24	36	0.8
QDA0390X03S060C	●	3.9	6	66	17	24	36	0.8
QDA0400X03S060C	●	4	6	66	17	24	36	0.8
QDA0410X03S060C	●	4.1	6	66	17	24	36	0.8
QDA0420X03S060C	●	4.2	6	66	17	24	36	0.8
QDA0430X03S060C	●	4.3	6	66	17	24	36	0.9
QDA0440X03S060C	●	4.4	6	66	17	24	36	0.9
QDA0450X03S060C	●	4.5	6	66	17	24	36	0.9
QDA0460X03S060C	●	4.6	6	6	17	24	36	0.9
QDA0470X03S060C	●	4.7	6	66	17	24	36	0.9
QDA0480X03S060C	●	4.8	6	66	20	28	36	1.0
QDA0490X03S060C	●	4.9	6	66	20	28	36	1.0
QDA0500X03S060C	●	5	6	66	20	28	36	1.0
QDA0510X03S060C	●	5.1	6	66	20	28	36	1.0
QDA0520X03S060C	●	5.2	6	66	20	28	36	1.0
QDA0530X03S060C	●	5.3	6	66	20	28	36	1.0
QDA0540X03S060C	●	5.4	6	66	20	28	36	1.1
QDA0550X03S060C	●	5.5	6	66	20	28	36	1.1
QDA0560X03S060C	●	5.6	6	66	20	28	36	1.1
QDA0570X03S060C	●	5.7	6	66	20	28	36	1.1

Açıklama	Stok	Ölçüler (mm)						
		DC	DCON	OAL	LU	LCF	LS	PL
QDA0580X03S060C	●	5.8	6	66	20	28	36	1.1
QDA0590X03S060C	●	5.9	6	66	20	28	36	1.2
QDA0600X03S060C	●	6	6	66	20	28	36	1.2
QDA0610X03S080C	●	6.1	8	79	24	34	36	1.2
QDA0620X03S080C	●	6.2	8	79	24	34	36	1.2
QDA0630X03S080C	●	6.3	8	79	24	34	36	1.2
QDA0640X03S080C	●	6.4	8	79	24	34	36	1.3
QDA0650X03S080C	●	6.5	8	79	24	34	36	1.3
QDA0660X03S080C	●	6.6	8	79	24	34	36	1.3
QDA0670X03S080C	●	6.7	8	79	24	34	36	1.3
QDA0680X03S080C	●	6.8	8	79	24	34	36	1.3
QDA0690X03S080C	●	6.9	8	79	24	34	36	1.4
QDA0700X03S080C	●	7	8	79	24	34	36	1.4
QDA0710X03S080C	●	7.1	8	79	29	41	36	1.4
QDA0720X03S080C	●	7.2	8	79	29	41	36	1.4
QDA0730X03S080C	●	7.3	8	79	29	41	36	1.4
QDA0740X03S080C	●	7.4	8	79	29	41	36	1.5
QDA0750X03S080C	●	7.5	8	79	29	41	36	1.5
QDA0760X03S080C	●	7.6	8	79	29	41	36	1.5
QDA0770X03S080C	●	7.7	8	79	29	41	36	1.5
QDA0780X03S080C	●	7.8	8	79	29	41	36	1.5
QDA0790X03S080C	●	7.9	8	79	29	41	36	1.6
QDA0800X03S080C	●	8	8	79	29	41	36	1.6
QDA0810X03S100C	●	8.1	10	89	35	47	40	1.6
QDA0820X03S100C	●	8.2	10	89	35	47	40	1.6
QDA0830X03S100C	●	8.3	10	89	35	47	40	1.6
QDA0840X03S100C	●	8.4	10	89	35	47	40	1.7
QDA0850X03S100C	●	8.5	10	89	35	47	40	1.7

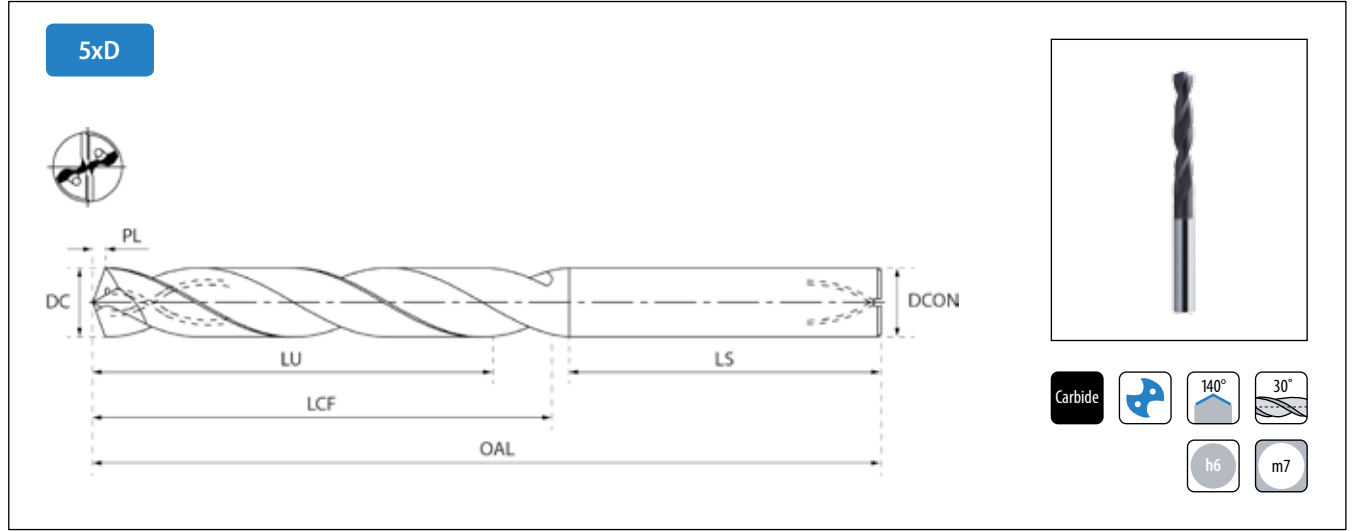
Tip C soğutma sıvı kanallı



Açıklama	Stok	Ölçüler (mm)						
		DC	DCON	OAL	LU	LCF	LS	PL
QDA0860X03S100C	●	8.6	10	89	35	47	40	1.7
QDA0870X03S100C	●	8.7	10	89	35	47	40	1.7
QDA0880X03S100C	●	8.8	10	89	35	47	40	1.7
QDA0890X03S100C	●	8.9	10	89	35	47	40	1.8
QDA0900X03S100C	●	9	10	89	35	47	40	1.8
QDA0910X03S100C	●	9.1	10	89	35	47	40	1.8
QDA0920X03S100C	●	9.2	10	89	35	47	40	1.8
QDA0930X03S100C	●	9.3	10	89	35	47	40	1.8
QDA0940X03S100C	●	9.4	10	89	35	47	40	1.9
QDA0950X03S100C	●	9.5	10	89	35	47	40	1.9
QDA0960X03S100C	●	9.6	10	89	35	47	40	1.9
QDA0970X03S100C	●	9.7	10	89	35	47	40	1.9
QDA0980X03S100C	●	9.8	10	89	35	47	40	1.9
QDA0990X03S100C	●	9.9	10	89	35	47	40	2.0
QDA1000X03S100C	●	10	10	89	35	47	40	2.0
QDA1020X03S120C	●	10.2	12	102	40	55	45	2.0
QDA1050X03S120C	●	10.5	12	102	40	55	45	2.1
QDA1080X03S120C	●	10.8	12	102	40	55	45	2.1
QDA1100X03S120C	●	11	12	102	40	55	45	2.2
QDA1120X03S120C	●	11.2	12	102	40	55	45	2.2
QDA1130X03S120C	●	11.3	12	102	40	55	45	2.2
QDA1150X03S120C	●	11.5	12	102	40	55	45	2.3
QDA1180X03S120C	●	11.8	12	102	40	55	45	2.3
QDA1200X03S120C	●	12	12	102	40	55	45	2.4
QDA1220X03S140C	●	12.2	14	107	43	60	45	2.4
QDA1250X03S140C	●	12.5	14	107	43	60	45	2.5
QDA1270X03S140C	●	12.7	14	107	43	60	45	2.5
QDA1280X03S140C	●	12.8	14	107	43	60	45	2.5

Açıklama	Stok	Ölçüler (mm)						
		DC	DCON	OAL	LU	LCF	LS	PL
QDA1300X03S140C	●	13	14	107	43	60	45	2.6
QDA1330X03S140C	●	13.3	14	107	43	60	45	2.6
QDA1350X03S140C	●	13.5	14	107	43	60	45	2.7
QDA1370X03S140C	●	13.7	14	107	43	60	45	2.7
QDA1380X03S140C	●	13.8	14	107	43	60	45	2.5
QDA1400X03S140C	●	14	14	107	43	60	45	2.8
QDA1450X03S160C	●	14.5	16	115	45	65	48	2.9
QDA1500X03S160C	●	15	16	115	45	65	48	3.0
QDA1530X03S160C	●	15.3	16	115	45	65	48	3.0
QDA1550X03S160C	●	15.5	16	115	45	65	48	3.1
QDA1580X03S160C	●	15.8	16	115	45	65	48	3.1
QDA1600X03S160C	●	16	16	115	45	65	48	3.2
QDA1650X03S180C	●	16.5	18	123	51	73	48	3.3
QDA1700X03S180C	●	17	16	123	51	73	48	3.4
QDA1750X03S180C	●	17.5	18	123	51	73	48	3.5
QDA1800X03S180C	●	18	18	123	51	73	48	3.6
QDA1850X03S200C	●	18.5	20	131	55	79	50	3.7
QDA1900X03S200C	●	19	20	131	55	79	50	3.8
QDA1950X03S200C	●	19.5	20	131	55	79	50	3.9
QDA2000X03S200C	●	20	20	131	55	79	50	4.0

Tip C soğutma sıvı kanallı

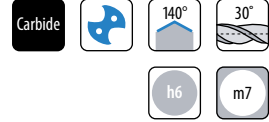
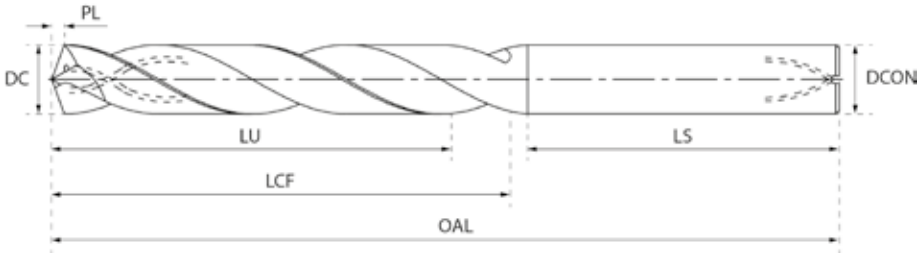


Açıklama	Stok	Ölçüler (mm)						
		DC	DCON	OAL	LU	LCF	LS	PL
QDA0300X05S060C	●	3	6	66	23	28	36	0.6
QDA0310X05S060C	●	3.1	6	66	23	28	36	0.6
QDA0320X05S060C	●	3.2	6	66	23	28	36	0.6
QDA0330X05S060C	●	3.3	6	66	23	8	6	0.7
QDA0340X05S060C	●	3.4	6	66	23	28	36	0.7
QDA0350X05S060C	●	3.5	6	66	23	28	36	0.7
QDA0360X05S060C	●	3.6	6	66	23	28	36	0.7
QDA0370X05S060C	●	3.7	6	66	23	28	36	0.7
QDA0380X05S060C	●	3.8	6	74	29	36	36	0.8
QDA0390X05S060C	●	3.9	6	74	29	36	36	0.8
QDA0400X05S060C	●	4	6	74	29	36	36	0.8
QDA0410X05S060C	●	4.1	6	74	29	36	36	0.8
QDA0420X05S060C	●	4.2	6	74	29	36	36	0.8
QDA0430X05S060C	●	4.3	6	74	29	36	36	0.9
QDA0440X05S060C	●	4.4	6	74	29	36	36	0.9
QDA0450X05S060C	●	4.5	6	74	29	36	36	0.9
QDA0460X05S060C	●	4.6	6	74	29	36	36	0.9
QDA0470X05S060C	●	4.7	6	74	29	36	36	0.9
QDA0480X05S060C	●	4.8	6	82	35	44	36	1.0
QDA0490X05S060C	●	4.9	6	82	35	44	36	1.0
QDA0500X05S060C	●	5	6	82	35	44	36	1.0
QDA0510X05S060C	●	5.1	6	82	35	44	36	1.0
QDA0520X05S060C	●	5.2	6	82	35	44	36	1.0
QDA0530X05S060C	●	5.3	6	82	35	44	36	1.0
QDA0540X05S060C	●	5.4	6	82	35	44	36	1.1
QDA0550X05S060C	●	5.5	6	82	35	44	36	1.1
QDA0560X05S060C	●	5.6	6	82	35	44	36	1.1
QDA0570X05S060C	●	5.7	6	82	35	44	36	1.1

Açıklama	Stok	Ölçüler (mm)						
		DC	DCON	OAL	LU	LCF	LS	PL
QDA0580X05S060C	●	5.8	6	82	35	44	36	1.1
QDA0590X05S060C	●	5.9	6	82	35	44	36	1.2
QDA0600X05S060C	●	6	6	82	35	44	36	1.2
QDA0610X05S080C	●	6.1	8	91	43	53	36	1.2
QDA0620X05S080C	●	6.2	8	91	43	53	36	1.2
QDA0630X05S080C	●	6.3	8	91	43	53	36	1.2
QDA0640X05S080C	●	6.4	8	91	43	53	36	1.3
QDA0650X05S080C	●	6.5	8	91	43	53	36	1.3
QDA0660X05S080C	●	6.6	8	91	43	53	36	1.3
QDA0670X05S080C	●	6.7	8	91	43	53	36	1.3
QDA0680X05S080C	●	6.8	8	91	43	53	36	1.3
QDA0690X05S080C	●	6.9	8	91	43	53	36	1.4
QDA0700X05S080C	●	7	8	91	43	53	36	1.4
QDA0710X05S080C	●	7.1	8	91	43	53	36	1.4
QDA0720X05S080C	●	7.2	8	91	43	53	36	1.4
QDA0730X05S080C	●	7.3	8	91	43	53	36	1.4
QDA0740X05S080C	●	7.4	8	91	43	53	36	1.5
QDA0750X05S080C	●	7.5	8	91	43	53	36	1.5
QDA0760X05S080C	●	7.6	8	91	43	53	36	1.5
QDA0770X05S080C	●	7.7	8	91	43	53	36	1.5
QDA0780X05S080C	●	7.8	8	91	43	53	36	1.5
QDA0790X05S080C	●	7.9	8	91	43	53	36	1.6
QDA0800X05S080C	●	8	8	91	43	53	36	1.6
QDA0810X05S100C	●	8.1	10	103	49	61	40	1.6
QDA0820X05S100C	●	8.2	10	103	49	61	40	1.6
QDA0830X05S100C	●	8.3	10	103	49	61	40	1.6
QDA0840X05S100C	●	8.4	10	103	49	61	40	1.7
QDA0850X05S100C	●	8.5	10	103	49	61	40	1.7

Tip C soğutma sıvı kanallı

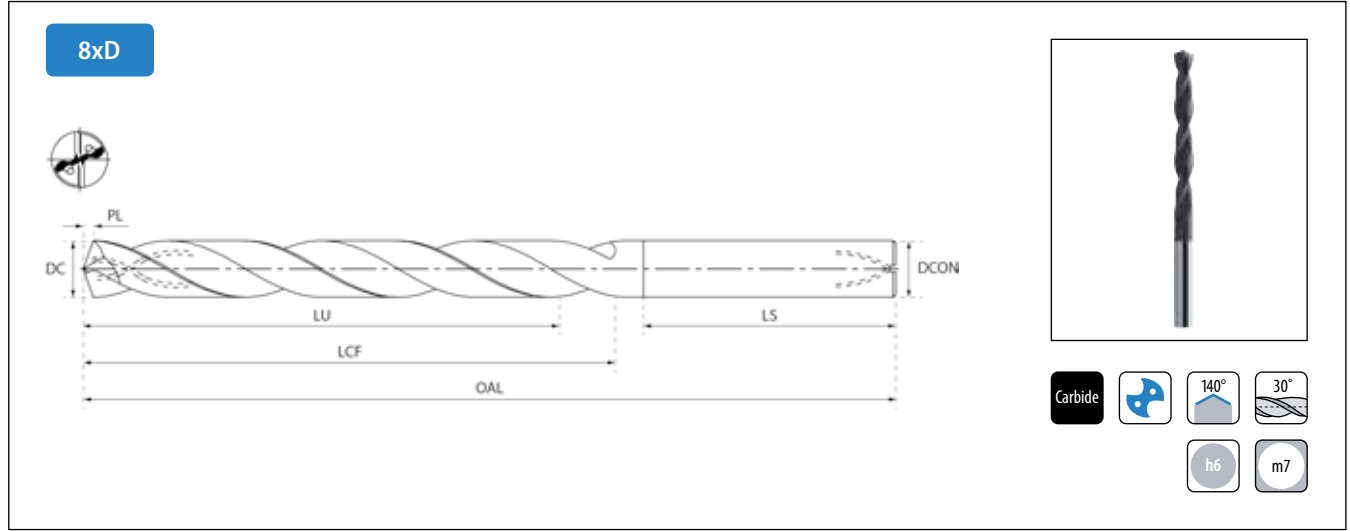
5xD



Açıklama	Stok	Ölçüler (mm)						
		DC	DCON	OAL	LU	LCF	LS	PL
QDA0860X05S100C	●	8.6	10	103	43	61	40	1.7
QDA0870X05S100C	●	8.7	10	103	43	61	40	1.7
QDA0880X05S100C	●	8.8	10	103	43	61	40	1.7
QDA0890X05S100C	●	8.9	10	103	43	61	40	1.8
QDA0900X05S100C	●	9	10	103	43	61	40	1.8
QDA0910X05S100C	●	9.1	10	103	43	61	40	1.8
QDA0920X05S100C	●	9.2	10	103	43	61	40	1.8
QDA0930X05S100C	●	9.3	10	103	43	61	40	1.8
QDA0940X05S100C	●	9.4	10	103	43	61	40	1.9
QDA0950X05S100C	●	9.5	10	103	43	61	40	1.9
QDA0960X05S100C	●	9.6	10	103	43	61	40	1.9
QDA0970X05S100C	●	9.7	10	103	43	61	40	1.9
QDA0980X05S100C	●	9.8	10	103	43	61	40	1.9
QDA0990X05S100C	●	9.9	10	103	49	61	40	2.0
QDA1000X05S100C	●	10	10	103	49	61	40	2.0
QDA1020X05S120C	●	10.2	12	118	56	71	45	2.0
QDA1050X05S120C	●	10.5	12	118	56	71	45	2.1
QDA1080X05S120C	●	10.8	12	118	56	71	45	2.1
QDA1100X05S120C	●	11	12	118	56	71	45	2.2
QDA1120X05S120C	●	11.2	12	118	56	71	45	2.2
QDA1130X05S120C	●	11.3	12	118	56	71	45	2.2
QDA1150X05S120C	●	11.5	12	118	56	71	45	2.3
QDA1180X05S120C	●	11.8	12	118	56	71	45	2.3
QDA1200X05S120C	●	12	12	118	56	71	45	2.4
QDA1220X05S140C	●	12.2	14	124	60	77	45	2.4
QDA1250X05S140C	●	12.5	14	124	60	77	45	2.5
QDA1270X05S140C	●	12.7	14	124	60	77	45	2.5
QDA1280X05S140C	●	12.8	14	124	60	77	45	2.5

Açıklama	Stok	Ölçüler (mm)						
		DC	DCON	OAL	LU	LCF	LS	PL
QDA1300X05S140C	●	13	14	124	60	77	45	2.6
QDA1330X05S140C	●	13.3	14	124	60	77	45	2.6
QDA1350X05S140C	●	13.5	14	124	60	77	45	2.7
QDA1370X05S140C	●	13.7	14	124	60	77	45	2.7
QDA1380X05S140C	●	13.8	14	124	60	77	45	2.7
QDA1400X05S140C	●	14	14	124	60	77	45	2.8
QDA1450X05S160C	●	14.5	16	133	63	83	45	2.9
QDA1500X05S160C	●	15	16	133	63	83	48	3.0
QDA1530X05S160C	●	15.3	16	133	63	83	48	3.0
QDA1550X05S160C	●	15.5	16	133	63	83	48	3.1
QDA1580X05S160C	●	15.8	16	133	63	83	48	3.1
QDA1600X05S160C	●	16	16	133	63	83	48	3.2
QDA1650X05S180C	●	16.5	18	143	71	93	48	3.3
QDA1700X05S180C	●	17	18	143	71	93	48	3.4
QDA1750X05S180C	●	17.5	18	143	71	93	48	3.5
QDA1800X05S180C	●	18	18	143	71	93	48	3.6
QDA1850X05S200C	●	18.5	20	153	77	101	50	3.7
QDA1900X05S200C	●	19	20	153	77	101	50	3.8
QDA1950X05S200C	●	19.5	20	153	77	101	50	3.9
QDA2000X05S200C	●	20	20	153	77	101	50	4.0

Tip C soğutma sıvı kanallı

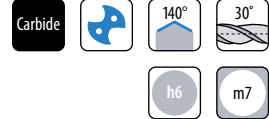
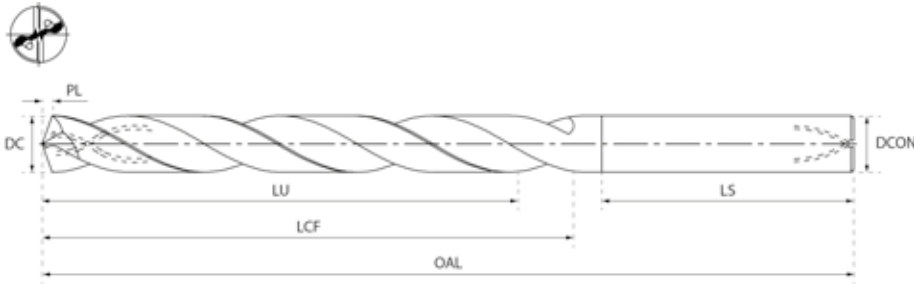


Açıklama	Stok	Ölçüler (mm)						
		DC	DCON	OAL	LU	LCF	LS	PL
QDA0300X08S060C	●	3	6	85	32	40	36	0.6
QDA0310X08S060C	●	3.1	6	85	32	40	36	0.6
QDA0320X08S060C	●	3.2	6	85	32	40	36	0.6
QDA0330X08S060C	●	3.3	6	85	32	40	36	0.7
QDA0340X08S060C	●	3.4	6	85	32	40	36	0.7
QDA0350X08S060C	●	3.5	6	85	32	40	36	0.7
QDA0360X08S060C	●	3.6	6	85	36	40	36	0.7
QDA0370X08S060C	●	3.7	6	85	36	40	36	0.7
QDA0380X08S060C	●	3.8	6	85	36	40	36	0.8
QDA0390X08S060C	●	3.9	6	85	36	40	36	0.8
QDA0400X08S060C	●	4	6	85	38	46	36	0.8
QDA0410X08S060C	●	4.1	6	85	38	46	36	0.8
QDA0420X08S060C	●	4.2	6	85	38	46	36	0.8
QDA0430X08S060C	●	4.3	6	97	40	46	36	0.9
QDA0440X08S060C	●	4.4	6	97	40	46	36	0.9
QDA0450X08S060C	●	4.5	6	97	44	46	36	0.9
QDA0460X08S060C	●	4.6	6	97	44	46	36	0.9
QDA0470X08S060C	●	4.7	6	97	44	46	36	0.9
QDA0480X08S060C	●	4.8	6	97	44	46	36	1.0
QDA0490X08S060C	●	4.9	6	97	44	46	36	1.0
QDA0500X08S060C	●	5	6	97	48	57	36	1.0
QDA0510X08S060C	●	5.1	6	97	48	57	36	1.0
QDA0520X08S060C	●	5.2	6	97	48	57	36	1.0
QDA0530X08S060C	●	5.3	6	97	48	57	36	1.0
QDA0540X08S060C	●	5.4	6	97	48	57	36	1.1
QDA0550X08S060C	●	5.5	6	97	48	57	36	1.1
QDA0560X08S060C	●	5.6	6	97	48	57	36	1.1
QDA0570X08S060C	●	5.7	6	97	48	57	36	1.1

Açıklama	Stok	Ölçüler (mm)						
		DC	DCON	OAL	LU	LCF	LS	PL
QDA0580X08S060C	●	5.8	6	97	48	57	36	1.1
QDA0590X08S060C	●	5.9	6	97	48	57	36	1.2
QDA0600X08S060C	●	6	6	97	48	57	36	1.2
QDA0610X08S080C	●	6.1	8	116	64	76	36	1.2
QDA0620X08S080C	●	6.2	8	116	64	76	36	1.2
QDA0630X08S080C	●	6.3	8	116	64	76	36	1.2
QDA0640X08S080C	●	6.4	8	116	64	76	45	1.3
QDA0650X08S080C	●	6.5	8	116	64	76	36	1.3
QDA0660X08S080C	●	6.6	8	116	64	76	36	1.3
QDA0670X08S080C	●	6.7	8	116	64	76	36	1.3
QDA0680X08S080C	●	6.8	8	116	64	76	36	1.3
QDA0690X08S080C	●	6.9	8	116	64	76	36	1.4
QDA0700X08S080C	●	7	8	116	64	76	36	1.4
QDA0710X08S080C	●	7.1	8	116	64	76	36	1.4
QDA0720X08S080C	●	7.2	8	116	64	76	36	1.4
QDA0730X08S080C	●	7.3	8	116	64	76	36	1.4
QDA0740X08S080C	●	7.4	8	116	64	76	36	1.5
QDA0750X08S080C	●	7.5	8	116	64	76	36	1.5
QDA0760X08S080C	●	7.6	8	116	64	76	36	1.5
QDA0770X08S080C	●	7.7	8	116	64	76	36	1.5
QDA0780X08S080C	●	7.8	8	116	64	76	36	1.5
QDA0790X08S080C	●	7.9	8	116	64	76	36	1.6
QDA0800X08S080C	●	8	8	116	64	76	36	1.6
QDA0810X08S100C	●	8.1	10	142	80	95	40	1.6
QDA0820X08S100C	●	8.2	10	142	80	95	40	1.6
QDA0830X08S100C	●	8.3	10	142	80	95	40	1.6
QDA0840X08S100C	●	8.4	10	142	80	95	40	1.7
QDA0850X08S100C	●	8.5	10	142	80	95	40	1.7

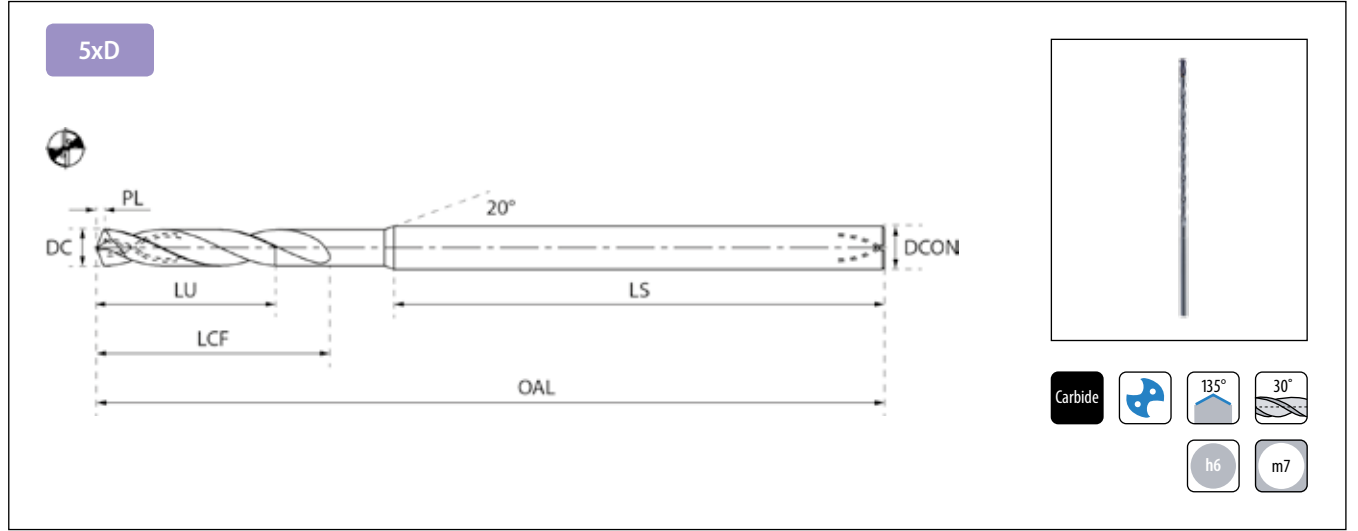
Tip C soğutma sıvı kanallı

8xD



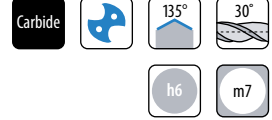
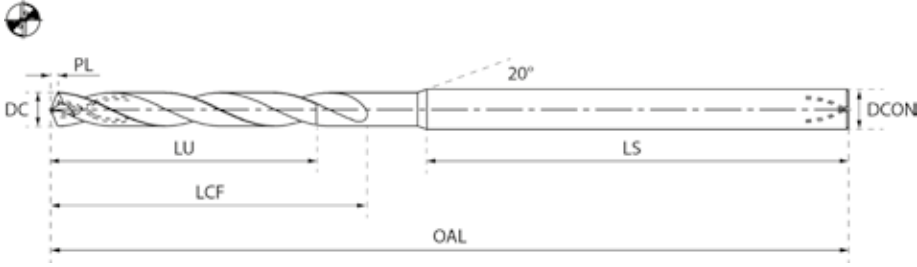
Açıklama	Stok	Ölçüler (mm)						
		DC	DCON	OAL	LU	LCF	LS	PL
QDA0860X08S100C	●	8.6	10	142	80	95	40	1.7
QDA0870X08S100C	●	8.7	10	142	80	95	40	1.7
QDA0880X08S100C	●	8.8	10	142	80	95	40	1.7
QDA0890X08S100C	●	8.9	10	142	80	95	40	1.8
QDA0900X08S100C	●	9	10	142	80	95	40	1.8
QDA0910X08S100C	●	9.1	10	142	80	95	40	1.8
QDA0920X08S100C	●	9.2	10	142	80	95	40	1.8
QDA0930X08S100C	●	9.3	10	142	80	95	40	1.8
QDA0940X08S100C	●	9.4	10	142	80	95	40	1.9
QDA0950X08S100C	●	9.5	10	142	80	95	40	1.9
QDA0960X08S100C	●	9.6	10	142	80	95	40	1.9
QDA0970X08S100C	●	9.7	10	142	80	95	40	1.9
QDA0980X08S100C	●	9.8	10	142	80	95	40	1.9
QDA0990X08S100C	●	9.9	10	142	80	95	40	2.0
QDA1000X08S100C	●	10	10	142	80	95	40	2.0
QDA1020X08S120C	●	10.2	12	163	96	114	45	2.0
QDA1050X08S120C	●	10.5	12	163	96	114	45	2.1
QDA1080X08S120C	●	10.8	12	163	96	114	45	2.1
QDA1100X08S120C	●	11	12	163	96	114	45	2.2
QDA1120X08S120C	●	11.2	12	163	96	114	45	2.2
QDA1130X08S120C	●	11.3	12	163	96	114	45	2.2
QDA1150X08S120C	●	11.5	12	163	96	114	45	2.3
QDA1180X08S120C	●	11.8	12	163	96	114	45	2.3
QDA1200X08S120C	●	12	12	163	96	114	45	2.4
QDA1220X08S140C	●	12.2	14	182	112	133	45	2.4
QDA1250X08S140C	●	12.5	14	182	112	133	45	2.5
QDA1270X08S140C	●	12.7	14	182	112	133	45	2.5
QDA1280X08S140C	●	12.8	14	182	112	133	45	2.5

Açıklama	Stok	Ölçüler (mm)						
		DC	DCON	OAL	LU	LCF	LS	PL
QDA1300X08S140C	●	13	14	182	112	133	45	2.6
QDA1330X08S140C	●	13.3	14	182	112	133	45	2.6
QDA1350X08S140C	●	13.5	14	182	112	133	45	2.7
QDA1370X08S140C	●	13.7	14	182	112	133	45	2.7
QDA1380X08S140C	●	13.8	14	182	112	133	45	2.7
QDA1400X08S140C	●	14	14	182	112	133	45	2.8
QDA1450X08S160C	●	14.5	16	204	128	152	48	2.9
QDA1500X08S160C	●	15	16	204	128	152	48	3.0
QDA1530X08S160C	●	15.3	16	204	128	152	48	3.0
QDA1550X08S160C	●	15.5	16	204	128	152	48	3.1
QDA1580X08S160C	●	15.8	16	204	128	152	48	3.1
QDA1600X08S160C	●	16	16	204	128	152	48	3.2
QDA1650X08S180C	●	16.5	18	222	144	171	48	3.3
QDA1700X08S180C	●	17	18	222	144	171	48	3.4
QDA1750X08S180C	●	17.5	18	222	144	171	48	3.5
QDA1800X08S180C	●	18	18	222	144	171	48	3.6
QDA1850X08S200C	●	18.5	20	243	160	190	50	3.7
QDA1900X08S200C	●	19	20	243	160	190	50	3.8
QDA1950X08S200C	●	19.5	20	243	160	190	50	3.9
QDA2000X08S200C	●	20	20	243	160	190	50	4.0



Açıklama	Stok	Ölçüler (mm)						
		DC	DCON	OAL	LU	LCF	LS	PL
QDA0100X05S030C	●	1	3	50	5	6.5	39.5	0.2
QDA0110X05S030C	●	1.1	3	50	5.7	7.2	38.8	0.2
QDA0120X05S030C	●	1.2	3	50	6.3	7.8	38.2	0.2
QDA0130X05S030C	●	1.3	3	50	7	8.5	37.5	0.3
QDA0140X05S030C	●	1.4	3	50	7.6	9.1	36.9	0.3
QDA0150X05S030C	●	1.5	3	50	8.3	9.8	36.2	0.3
QDA0160X05S030C	●	1.6	3	55	8.9	10.4	35.6	0.3
QDA0170X05S030C	●	1.7	3	55	9.6	11.1	39.9	0.3
QDA0180X05S030C	●	1.8	3	55	10.2	11.7	39.3	0.4
QDA0190X05S030C	●	1.9	3	55	10.9	12.4	38.6	0.4
QDA0200X05S030C	●	2	3	55	11.5	13	38	0.4
QDA0210X05S030C	●	2.1	3	55	12.2	13.7	37.3	0.4
QDA0220X05S030C	●	2.2	3	55	12.8	14.3	36.7	0.4
QDA0230X05S030C	●	2.3	3	55	13.5	15	36	0.5
QDA0240X05S030C	●	2.4	3	55	14.1	15.6	35.4	0.5
QDA0250X05S030	●	2.5	3	55	14.8	16.3	34.7	0.5
QDA0260X05S030C	●	2.6	3	55	15.4	16.9	34.1	0.5
QDA0270X05S030C	●	2.7	3	55	16.1	17.6	33.4	0.5
QDA0280X05S030C	●	2.8	3	55	16.7	18.2	32.8	0.6
QDA0290X05S030C	●	2.9	3	55	17.4	18.9	32.1	0.6

8xD



Açıklama	Stok	Ölçüler (mm)						
		DC	DCON	OAL	LU	LCF	LS	PL
QDA0100X08S030C	●	1	3	50	8	9.5	36.5	0.2
QDA0110X08S030C	●	1.1	3	50	9	10.5	35.5	0.2
QDA0120X08S030C	●	1.2	3	50	9.9	11.4	34.6	0.2
QDA0130X08S030C	●	1.3	3	50	10.9	12.4	33.6	0.3
QDA0140X08S030C	●	1.4	3	50	11.8	13.3	32.7	0.3
QDA0150X08S030C	●	1.5	3	50	12.8	14.3	31.7	0.3
QDA0160X08S030C	●	1.6	3	50	13.7	15.2	30.8	0.3
QDA0170X08S030C	●	1.7	3	60	14.7	16.2	39.8	0.3
QDA0180X08S030C	●	1.8	3	60	15.6	17.1	38.9	0.4
QDA0190X08S030C	●	1.9	3	60	16.6	18.1	37.9	0.4
QDA0200X08S030C	●	2	3	60	17.5	19	37	0.4
QDA0210X08S030C	●	2.1	3	60	18.5	20	36	0.4
QDA0220X08S030C	●	2.2	3	60	19.4	20.9	35.1	0.4
QDA0230X08S030C	●	2.3	3	60	20.4	21.9	34.1	0.5
QDA0240X08S030C	●	2.4	3	60	21.3	22.8	33.2	0.5
QDA0250X08S030C	●	2.5	3	60	22.3	23.8	32.2	0.5
QDA0260X08S030C	●	2.6	3	60	23.2	24.7	31.3	0.5
QDA0270X08S030C	●	2.7	3	60	24.2	25.7	30.3	0.5
QDA0280X08S030C	●	2.8	3	60	25.1	26.6	29.4	0.6
QDA0290X08S030C	●	2.9	3	60	26.1	27.6	28.4	0.6

Referans Kesme Parametreleri Tablosu

QDA • Diştan soğutma

3D

5D

İş parçası	P01		P02		P03		M01		M02		K01		K02		S01		S02	
	Karbon çeliği		Alaşımli çelik		Isıl işlemlı çelik		Paslanmaz çelik				Gri döküm demir		Sfero döküm çeliği		Titanyum alaşımı		Nikel alaşımı	
Özellikler	-		520 < Rm < 1200		35 ≤ HRC < 45		Yüksek işlenebilirlik		Düşük işlenebilirlik		-		-		-		-	
DC (mm)	Vc (m/dk.)	fn (mm/dev)	Vc (m/dk.)	fn (mm/dev)	Vc (m/dk.)	fn (mm/dev)	Vc (m/dk.)	fn (mm/dev)	Vc (m/dk.)	fn (mm/dev)	Vc (m/dk.)	fn (mm/dev)	Vc (m/dk.)	fn (mm/dev)	Vc (m/dk.)	fn (mm/dev)	Vc (m/dk.)	fn (mm/dev)
ø3		0.072		0.061		0.060		0.049		0.042		0.070		0.052		0.037		0.036
ø4		0.100		0.085		0.083		0.069		0.061		0.095		0.073		0.055		0.056
ø5		0.128		0.111		0.107		0.088		0.074		0.120		0.096		0.069		0.069
ø6		0.157		0.138		0.132		0.109		0.095		0.145		0.119		0.086		0.082
ø7		0.188		0.166		0.157		0.132		0.113		0.170		0.144		0.100		0.090
ø8		0.221		0.197		0.184		0.156		0.136		0.200		0.171		0.130		0.125
ø9		0.250		0.230		0.212		0.173		0.146		0.226		0.200		0.144		0.125
ø10		0.285		0.264		0.241		0.208		0.167		0.252		0.230		0.175		0.143
ø11	105	0.319	80	0.300	50	0.272	40	0.233	35	0.182	95	0.282	70	0.263	25	0.175	20	0.167
ø12		0.361		0.338		0.303		0.255		0.200		0.308		0.296		0.200		0.167
ø13		0.385		0.357		0.323		0.280		0.222		0.333		0.314		0.200		0.200
ø14		0.413		0.375		0.342		0.270		0.250		0.359		0.332		0.233		0.200
ø15		0.422		0.391		0.360		0.300		0.238		0.371		0.348		0.233		0.200
ø16		0.457		0.406		0.377		0.325		0.271		0.405		0.365		0.260		0.250
ø17		0.475		0.419		0.394		0.313		0.271		0.428		0.379		0.260		0.250
ø18		0.489		0.431		0.409		0.313		0.257		0.447		0.393		0.260		0.250
ø19		0.511		0.442		0.423		0.343		0.300		0.469		0.406		0.260		0.250
ø20		0.529		0.452		0.437		0.329		0.283		0.463		0.418		0.300		0.225

İş parçası	N01		N02		N03	
	Dövme alüminyum		Alüminyum Döküm		Bakır alaşım	
Özellikler	-		520 < Rm < 1200		35 ≤ HRC < 45	
D (mm)	Vc (m/dk.)	fn (mm/dev)	Vc (m/dk.)	fn (mm/dev)	Vc (m/dk.)	fn (mm/dev)
ø3	200	0.058	165	0.063	140	0.062
ø4		0.081		0.087		0.085
ø5		0.104		0.111		0.110
ø6		0.128		0.138		0.136
ø7		0.155		0.164		0.165
ø8		0.183		0.194		0.194
ø9		0.211		0.222		0.224
ø10		0.241		0.254		0.257
ø11		0.272		0.287		0.290
ø12		0.300		0.321		0.318
ø13		0.322		0.339		0.339
ø14		0.335		0.357		0.361
ø15	0.349	0.368	0.378			
ø16	0.365	0.391	0.393			
ø17	0.374	0.409	0.399			
ø18	0.383	0.412	0.418			
ø19	0.394	0.429	0.426			
ø20	0.406	0.432	0.430			



Tip N

Soğutma sıvı kanalı olmayan QDA matkabı için referans kesme verileri.

Dikkat! Bu referans kesme verisi göstergeleri yalnızca referans amaçlıdır. Farklı kesim ortamlarına göre uygulanmalıdır.

Referans Kesme Parametreleri Tablosu

QDA • İçten soğutma kanallı

3D

5D

İş parçası	P01		P02		P03		M01		M02		K01		K02		S01		S02	
	Karbon çeliği		Alaşımlı çelik		Isıl işlemlı çelik		Paslanmaz çelik				Gri döküm demir		Sfero döküm çeliği		Titanyum alaşımı		Nikel alaşımı	
Özellikler	-		520 < Rm < 1200		35 ≤ HRC < 45		Yüksek işlenebilirlik		Düşük işlenebilirlik		-		-		-		-	
D (mm)	Vc (m/dk.)	fn (mm/dev)	Vc (m/dk.)	fn (mm/dev)	Vc (m/dk.)	fn (mm/dev)	Vc (m/dk.)	fn (mm/dev)	Vc (m/dk.)	fn (mm/dev)	Vc (m/dk.)	fn (mm/dev)	Vc (m/dk.)	fn (mm/dev)	Vc (m/dk.)	fn (mm/dev)	Vc (m/dk.)	fn (mm/dev)
ø3	175	0.063	120	0.068	65	0.080	60	0.048	50	0.054	140	0.073	105	0.071	40	0.047	35	0.026
ø4		0.090		0.098		0.110		0.067		0.075		0.104		0.099		0.066		0.039
ø5		0.119		0.132		0.143		0.085		0.094		0.136		0.128		0.085		0.048
ø6		0.151		0.171		0.178		0.106		0.115		0.172		0.160		0.105		0.058
ø7		0.185		0.214		0.215		0.125		0.135		0.211		0.194		0.126		0.075
ø8		0.222		0.261		0.253		0.150		0.160		0.252		0.230		0.156		0.086
ø9		0.262		0.312		0.294		0.168		0.178		0.297		0.268		0.173		0.092
ø10		0.304		0.368		0.337		0.190		0.206		0.344		0.308		0.208		0.108
ø11		0.349		0.427		0.382		0.217		0.220		0.394		0.351		0.233		0.118
ø12		0.396		0.491		0.429		0.250		0.236		0.447		0.395		0.255		0.130
ø13		0.417		0.503		0.457		0.267		0.254		0.472		0.415		0.280		0.133
ø14		0.437		0.511		0.484		0.279		0.275		0.495		0.433		0.270		0.150
ø15	0.454	0.515	0.509	0.292	0.291	0.517	0.449	0.289	0.150									
ø16	0.470	0.514	0.534	0.317	0.320	0.537	0.463	0.313	0.157									
ø17	0.484	0.509	0.557	0.308	0.320	0.554	0.475	0.313	0.157									
ø18	0.496	0.499	0.578	0.336	0.344	0.570	0.485	0.300	0.157									
ø19	0.506	0.485	0.599	0.327	0.344	0.585	0.494	0.329	0.183									
ø20	0.514	0.466	0.618	0.350	0.375	0.597	0.500	0.314	0.183									

İş parçası	N01		N02		N03	
	Dövme alüminyum		Alüminyum Döküm		Bakır alaşım	
Özellikler	-		520 < Rm < 1200		35 ≤ HRC < 45	
D (mm)	Vc (m/dk.)	fn (mm/dev)	Vc (m/dk.)	fn (mm/dev)	Vc (m/dk.)	fn (mm/dev)
ø3	310	0.076	220	0.073	190	0.077
ø4		0.107		0.102		0.107
ø5		0.140		0.134		0.139
ø6		0.176		0.169		0.172
ø7		0.216		0.204		0.206
ø8		0.256		0.244		0.245
ø9		0.301		0.287		0.281
ø10		0.347		0.327		0.324
ø11		0.397		0.377		0.369
ø12		0.446		0.424		0.408
ø13		0.471		0.450		0.434
ø14		0.486		0.461		0.452
ø15	0.505	0.483	0.472			
ø16	0.516	0.500	0.499			
ø17	0.522	0.505	0.513			
ø18	0.536	0.526	0.531			
ø19	0.544	0.532	0.548			
ø20	0.540	0.525	0.549			



Tip C

İçten soğutmalı QDA matkap için referans kesme verileri.

Dikkat! Bu referans kesme verisi göstergeleri yalnızca referans amaçlıdır. Farklı kesim ortamlarına göre ayarlanmalıdır.

Referans Kesme Parametreleri Tablosu (Z2)

QDA • İçten soğutma kanallı

8D

İş parçası	P01		P02		P03		M01		M02		K01		K02		S01		S02	
	Karbon çeliği		Alaşımli çelik		Isıl işlemlı çelik		Paslanmaz çelik				Gri döküm demir		Sfero döküm çeliği		Titanyum alaşıımı		Nikel alaşıımı	
Özellikler	-		520 < Rm < 1200		35 ≤ HRC < 45		Yüksek işlenebilirlik		Düşük işlenebilirlik		-		-		-		-	
D (mm)	Vc (m/dk.)	fn (mm/dev)	Vc (m/dk.)	fn (mm/dev)	Vc (m/dk.)	fn (mm/dev)	Vc (m/dk.)	fn (mm/dev)	Vc (m/dk.)	fn (mm/dev)	Vc (m/dk.)	fn (mm/dev)	Vc (m/dk.)	fn (mm/dev)	Vc (m/dk.)	fn (mm/dev)	Vc (m/dk.)	fn (mm/dev)
ø3		0.051		0.056		0.066		0.041		0.047		0.059		0.058		0.037		0.022
ø4		0.073		0.083		0.091		0.055		0.066		0.084		0.082		0.054		0.033
ø5		0.097		0.111		0.117		0.072		0.081		0.110		0.103		0.065		0.040
ø6		0.124		0.141		0.143		0.089		0.100		0.141		0.131		0.084		0.050
ø7		0.151		0.178		0.173		0.109		0.116		0.173		0.161		0.106		0.057
ø8		0.182		0.220		0.209		0.125		0.138		0.206		0.189		0.129		0.067
ø9		0.211		0.258		0.240		0.144		0.147		0.242		0.222		0.138		0.073
ø10		0.248		0.309		0.272		0.169		0.177		0.277		0.255		0.158		0.090
ø11	150	0.282	100	0.359	55	0.319	50	0.180	40	0.192	120	0.320	90	0.281	35	0.182	30	0.100
ø12		0.325		0.407		0.353		0.200		0.209		0.366		0.325		0.200		0.113
ø13		0.338		0.416		0.371		0.215		0.230		0.377		0.330		0.222		0.100
ø14		0.349		0.426		0.385		0.225		0.230		0.396		0.348		0.238		0.114
ø15		0.369		0.418		0.417		0.245		0.244		0.419		0.365		0.225		0.114
ø16		0.387		0.430		0.445		0.270		0.275		0.438		0.383		0.257		0.133
ø17		0.383		0.426		0.436		0.260		0.275		0.443		0.394		0.257		0.133
ø18		0.400		0.417		0.470		0.289		0.275		0.450		0.406		0.243		0.133
ø19		0.400		0.406		0.460		0.278		0.314		0.462		0.388		0.267		0.133
ø20		0.421		0.394		0.511		0.313		0.300		0.470		0.400		0.250		0.160

İş parçası	N01		N02		N03	
	Dövme alüminyum		Alüminyum Döküm		Bakır alaşım	
Özellikler	-		520 < Rm < 1200		35 ≤ HRC < 45	
D (mm)	Vc (m/dk.)	fn (mm/dev)	Vc (m/dk.)	fn (mm/dev)	Vc (m/dk.)	fn (mm/dev)
ø3	260	0.064	190	0.059	160	0.064
ø4		0.090		0.083		0.089
ø5		0.117		0.109		0.116
ø6		0.148		0.138		0.145
ø7		0.179		0.166		0.173
ø8		0.214		0.199		0.203
ø9		0.252		0.231		0.235
ø10		0.290		0.266		0.273
ø11		0.329		0.307		0.302
ø12		0.375		0.343		0.340
ø13		0.392		0.362		0.360
ø14		0.403		0.375		0.376
ø15	0.416	0.388	0.400			
ø16	0.431	0.405	0.416			
ø17	0.441	0.411	0.433			
ø18	0.450	0.424	0.438			
ø19	0.450	0.431	0.456			
ø20	0.450	0.426	0.462			



Tip C

QDA matkap için referans kesme verileri içten soğutmalı

Dikkat! Bu referans kesme verisi göstergeleri yalnızca referans amaçlıdır. Farklı kesim ortamlarına göre ayarlanmalıdır.

Referans Kesme Parametreleri Tablosu (Z2)

QDA Micro • İçten soğutma kanallı

5D

8D

İş parçası	P01		P02		P03		M01		M02		K01		K02		S01		S02	
	Karbon çeliği		Alaşımlı çelik		Isıl işlemlı çelik		Paslanmaz çelik		Paslanmaz çelik		Gri döküm demir		Sfero döküm çeliği		Titanyum alaşımı		Nickel Alloy	
Özellikler	-		520 < Rm < 1200		35 ≤ HRC < 45		Yüksek işlenebilirlik		Düşük işlenebilirlik		-		-		-		-	
D (mm)	Vc (m/dk.)	fn (mm/dev)	Vc (m/dk.)	fn (mm/dev)	Vc (m/dk.)	fn (mm/dev)	Vc (m/dk.)	fn (mm/dev)	Vc (m/dk.)	fn (mm/dev)	Vc (m/dk.)	fn (mm/dev)	Vc (m/dk.)	fn (mm/dev)	Vc (m/dk.)	fn (mm/dev)	Vc (m/dk.)	fn (mm/dev)
ø1.0		0.017		0.016		0.014		0.015		0.014		0.018		0.016		0.013		0.009
ø1.5		0.026		0.024		0.022		0.022		0.021		0.027		0.024		0.019		0.016
ø2.0	90	0.035	80	0.031	65	0.029	60	0.029	40	0.028	85	0.035	65	0.032	30	0.025	20	0.025
ø2.5		0.043		0.039		0.036		0.036		0.035		0.044		0.040		0.031		0.035
ø3.0		0.052		0.047		0.043		0.044		0.042		0.053		0.048		0.038		0.045

İş parçası	N01		N02		N03	
	Dövme alüminyum		Alüminyum Döküm		Bakır alaşım	
Özellikler	-		520 < Rm < 1200		35 ≤ HRC < 45	
D (mm)	Vc (m/dk.)	fn (mm/dev)	Vc (m/dk.)	fn (mm/dev)	Vc (m/dk.)	fn (mm/dev)
ø1.0		0.017		0.018		0.016
ø1.5		0.026		0.026		0.024
ø2.0	145	0.035	125	0.035	115	0.032
ø2.5		0.043		0.044		0.040
ø3.0		0.052		0.053		0.049



Mikro

QDA Mikro matkap için referans kesme verileri, içten soğutmalı.

Dikkat! Bu referans kesme verisi göstergeleri yalnızca referans amaçlıdır. Farklı kesim ortamlarına göre ayarlanmalıdır.