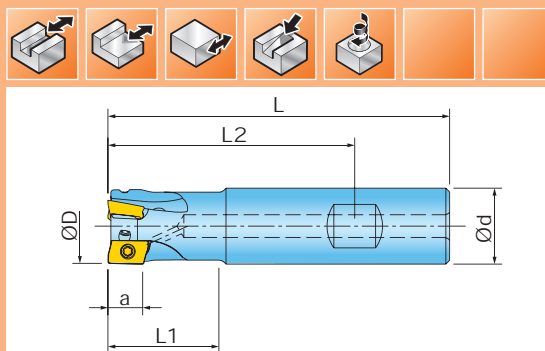


FRÄSERAUFNAHME NACH DIN 1835 B



Artikel-Nr.	D	d	L	L1	L2	a	Z		⊖	kg
12J1P012020W3R00	12	16	80	20	56	9	1	10,0°	✓	0,09
12J1P016026W3R00	16	16	85	26	61	9	2	10,0°	✓	0,10
12J1P020030W4R00	20	20	90	30	65	9	3	7,0°	✓	0,17
12J1P020075W4R00	20	20	125	75	100	9	2	7,0°	✓	0,23
12J1P025040W5R00	25	25	100	40	68	9	4	4,4°	✓	0,31
12J1P025085W5R00	25	25	145	85	113	9	3	4,4°	✓	0,45

BOMT09T304R 	BOMT09T308R 	BOMT09T316R
BOMT09T320R 	BOMT09T331R 	BOCT09T304FR-P
BOCT09T308FR-P 		

Artikel-Nr.	Ausführung	Qualität	IN10K	IN2005	IN2010	IN2030	IN2035	IN2505	IN2540
BOMT09T304R	positive Geometrie R0,4								
BOMT09T308R	positive Geometrie R0,8								
BOMT09T316R ¹⁾	positive Geometrie R1,6								
BOMT09T320R ¹⁾	positive Geometrie R2,0								
BOMT09T331R ¹⁾	positive Geometrie R3,1								
BOCT09T304FR-P	NE-Geometrie, poliert R0,4								
BOCT09T308FR-P	NE-Geometrie, poliert R0,8								

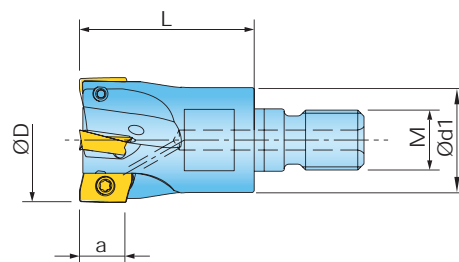
¹⁾ Fräskörper nachdrehen

● = P ● = M ● = K ● = N ○ = S ○ = H

ZUBEHÖR	①	②
Durchmesserbereich		
12 - 16	SM25-054-00	DS-T08S
20 - 25	SM25-064-00	DS-T08S

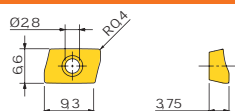
① = Spannschraube ② = Schraubendreher

MIT EINSCHRAUBANSCHLUSS

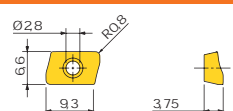


Artikel-Nr.	D	d1	L	a	M	Z			
12J1P012030X4R00	12	11,8	30	9	6	1	10,0°	✓	0,02
12J1P015030X5R00	15	13	30	9	8	2	11,0°	✓	0,03
12J1P016035X5R00	16	13	35	9	8	2	10,0°	✓	0,03
12J1P020035X6R00	20	18	35	9	10	3	7,0°	✓	0,06
12J1P025035X7R00	25	21	35	9	12	4	4,4°	✓	0,09
12J1P032043X8R00	32	29	43	9	16	5	2,8°	✓	0,20

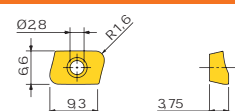
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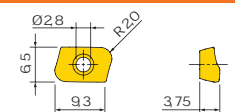
BOMT09T308R



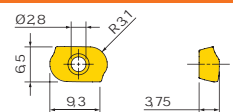
BOMT09T316R



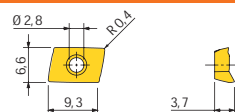
BOMT09T320R



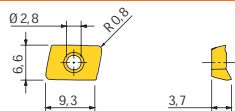
BOMT09T331R



BOCT09T304FR-P



BOCT09T308FR-P



Artikel-Nr.	Ausführung	Qualität	IN10K	IN2005	IN2010	IN2030	IN2035	IN2505	IN2540
BOMT09T304R	positive Geometrie R0,4								
BOMT09T308R	positive Geometrie R0,8								
BOMT09T316R ¹⁾	positive Geometrie R1,6								
BOMT09T320R ¹⁾	positive Geometrie R2,0								
BOMT09T331R ¹⁾	positive Geometrie R3,1								
BOCT09T304FR-P	NE-Geometrie, poliert R0,4								
BOCT09T308FR-P	NE-Geometrie, poliert R0,8								

¹⁾ Fräskörper nachdrehen

● = P ● = M ● = K ● = N ○ = S ○ = H

ZUBEHÖR



Durchmesserbereich

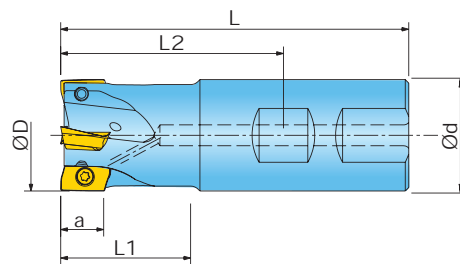
12 - 16	SM25-054-00	DS-T08S
20 - 32	SM25-064-00	DS-T08S

① = Spannschraube ② = Schraubendreher



HIPOPOS⁺ SCHAFTFRÄSER 12J1R...W

FRÄSERAUFNAHME NACH DIN 1835 B

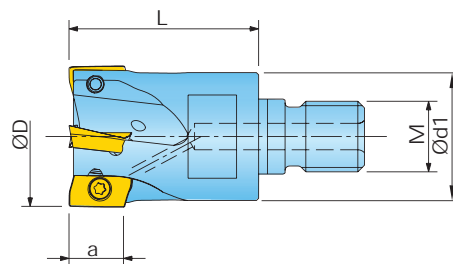


Artikel-Nr.	D	d	L	L1	L2	a	Z			
12J1R020030W4R00	20	20	90	30	65	12	2	7,0°	✓	0,17
12J1R025040W5R00	25	25	100	40	68	12	3	7,9°	✓	0,30
12J1R032040W5R00	32	25	100	40	68	12	4	5,0°	✓	0,33
12J1R032038W6R00	32	32	100	38	64	12	4	5,0°	✓	0,51



HIPOPOS⁺ SCHAFTFRÄSER 12J1R...X

MIT EINSCHRAUBANSCHLUSS

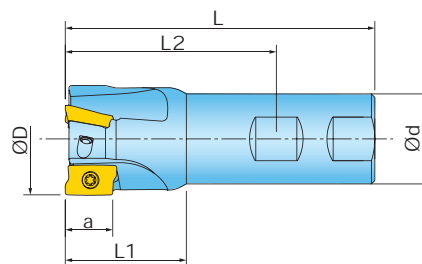


Artikel-Nr.	D	d1	L	a	M	Z			
12J1R020035X6R00	20	18	35	12	10	2	7,0°	✓	0,06
12J1R025035X7R00	25	21	35	12	12	3	7,9°	✓	0,08
12J1R032043X8R00	32	29	43	12	16	4	5,0°	✓	0,19
12J1R035043X8R00	35	29	43	12	16	4	4,2°	✓	0,20
12J1R040043X8R00	40	29	43	12	16	5	3,2°	✓	0,23



HIPOPOS⁺ SCHAFTFRÄSER 12J1G...W

FRÄSERAUFNAHME NACH DIN 1835 B



Artikel-Nr.	D	d	L	L1	L2	a	Z			
12J1G025040W5R00	25	25	100	40	68	16	2	12,0°	✓	0,38
12J1G032040W6R00	32	32	100	40	64	16	2	8,0°	✓	0,60
12J1G032120W6R00	32	32	185	120	149	16	2	8,0°	✓	1,04
12J1G040050W6R00	40	32	110	50	74	16	3	5,0°	✓	0,70
12J1G040130W6R00	40	32	195	130	159	16	3	5,0°	✓	1,22

ZUBEHÖR



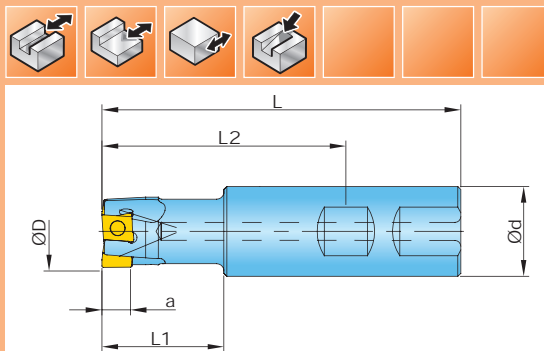
SM40-093-20



DS-T15S

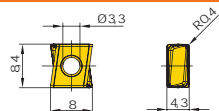
① = Spannschraube ② = Schraubendreher

FRÄSERAUFNAHME NACH DIN 1835 B

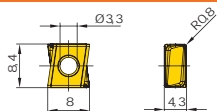


Artikel-Nr.	D	d	L	L1	L2	a	Z			
1SJ1Y020034W5R00	20	25	100	34	68	7,5	2	0,7°	✓	0,30
1SJ1Y020034W5R01	20	25	100	34	68	7,5	3	0,7°	✓	0,30
1SJ1Y025039W5R00	25	25	105	39	73	7,5	3	0,4°	✓	0,36
1SJ1Y025039W5R01	25	25	105	39	73	7,5	4	0,4°	✓	0,36
1SJ1Y032039W6R00	32	32	110	39	74	7,5	3	0,3°	✓	0,59
1SJ1Y032039W6R01	32	32	110	39	74	7,5	5	0,3°	✓	0,60
1SJ1Y040039W6R00	40	32	120	39	84	7,5	4	0,2°	✓	0,73
1SJ1Y040039W6R01	40	32	120	39	84	7,5	6	0,2°	✓	0,74

DGM212R100



DGM212R101



Artikel-Nr.	Ausführung	Qualität	IN2004	IN2005	IN2015	IN2030	IN2035	IN6510	IN6515
DGM212R100	positive Geometrie R0,4								
DGM212R101	positive Geometrie R0,8								

● = P ● = M ● = K ● = N ○ = S ○ = H

ZUBEHÖR

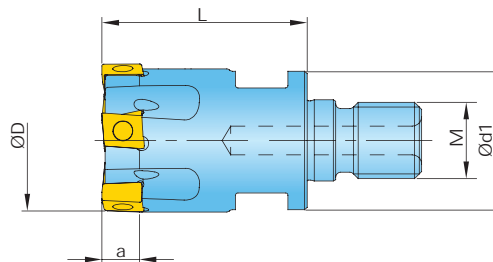


SM30-082-20

DS-TP08S (TX-Plus)

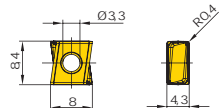
① = Spannschraube ② = Schraubendreher

MIT EINSCHRAUBANSCHLUSS

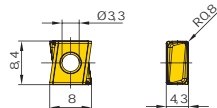


Artikel-Nr.	D	L	a	M	Z			
1SJ1Y020035X6R01	20	35	7,5	10	3	0,7°	✓	0,06
1SJ1Y020035X6R00	20	35	7,5	10	2	0,7°	✓	0,06
1SJ1Y025035X7R01	25	35	7,5	12	4	0,4°	✓	0,09
1SJ1Y025035X7R00	25	35	7,5	12	3	0,4°	✓	0,09
1SJ1Y032043X8R01	32	43	7,5	16	5	0,3°	✓	0,22
1SJ1Y032043X8R00	32	43	7,5	16	3	0,3°	✓	0,22
1SJ1Y040043X8R01	40	43	7,5	16	6	0,2°	✓	0,28
1SJ1Y040043X8R00	40	43	7,5	16	4	0,2°	✓	0,28

DGM212R100



DGM212R101



Artikel-Nr.	Ausführung	Qualität	IN2004	IN2005	IN2015	IN2030	IN2035	IN6510	IN6515
DGM212R100	positive Geometrie R0,4								
DGM212R101	positive Geometrie R0,8								

● = P ● = M ● = K ● = N ○ = S ○ = H

ZUBEHÖR



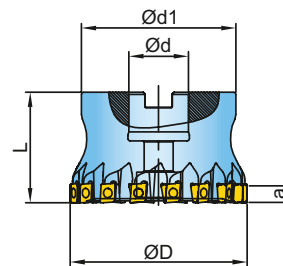
SM30-082-20

DS-TP08S (TX-Plus)

① = Spannschraube ② = Schraubendreher

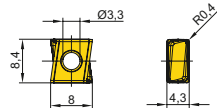
EVOTECOMAX™ ECKFRÄSER SJ8Y **EVOTECOMAX™ SHOULDER-TYPE FACE SJ8Y**

FRÄSERAUFNAHME NACH DIN 8030
ADAPTION ACC. TO DIN 8030

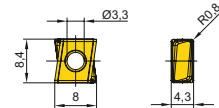


Artikel-Nr. Designation	D	d	d1	L	a	Z	kg
SJ8Y040R00	40	22	38	40	7,5	8	0,19
SJ8Y050R00	50	22	45	40	7,5	10	0,34
SJ8Y063R00	63	22	55	40	7,5	13	0,60
SJ8Y080R00	80	27	70	50	7,5	16	1,28
SJ8Y100R00	100	32	80	50	7,5	20	1,86
SJ8Y125R00	125	40	100	63	7,5	25	3,62

DGM212R100



DGM212R101



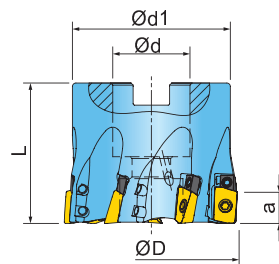
Artikel-Nr. Designation	Ausführung Design	Qualität Grade	IN2004	IN2005	IN2015	IN2030	IN2035	IN6510	IN6515
DGM212R100	positive Geometrie R0,4 / positive geometry R0,4		●	●	●	●	●	●	●
DGM212R101	positive Geometrie R0,8 / positive geometry R0,8		●	●	●	●	●	●	●

● = P ● = M ● = K ● = N ● = S ● = H



EINSTELLBARER ECKFRÄSER 2J5P

FRÄSERAUFNAHME NACH DIN 8030

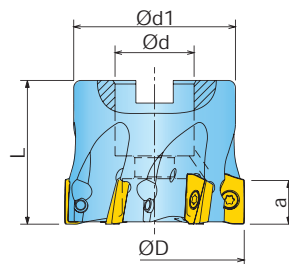


Artikel-Nr.	D	d	d1	L	a	Z		
2J5P032R00	32	16	30	32	9	5	✓	0,09
2J5P040R00	40	16	30	40	9	6	✓	0,16
2J5P050R00	50	22	45	40	9	7	✓	0,32
2J5P063R00	63	22	55	40	9	8	✓	0,56
2J5P080R00	80	27	70	50	9	10	✓	1,30



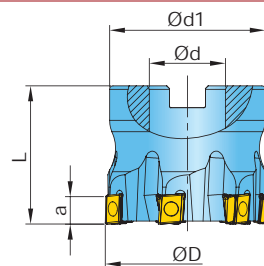
HIPOPOS⁺™ ECKFRÄSER 2J1R

FRÄSERAUFNAHME NACH DIN 8030



Artikel-Nr.	D	d	d1	L	a	Z			
2J1R035R00	35	16	30	35	12	4	4,2°	✓	0,10
2J1R040R00	40	16	38	40	12	5	3,2°	✓	0,21
2J1R040R01	40	22	38	40	12	5	3,2°	✓	0,18
2J1R050R00	50	22	45	40	12	6	2,1°	✓	0,30
2J1R052R00	52	22	40	50	12	5	2,0°	✓	0,37
2J1R063R00	63	22	55	40	12	7	1,4°	✓	0,54
2J1R066R00	66	27	48	50	12	6	1,2°	✓	0,60
2J1R080R00	80	27	70	50	12	9	1,0°	✓	1,20
2J1R085R00	85	27	70	50	12	7	0,9°	✓	1,33
2J1R100R00	100	32	85	50	12	11	0,8°	✓	1,89
2J1R125R00	125	40	100	63	12	13	0,6°	✓	3,76

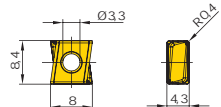
FRÄSERAUFNAHME NACH DIN 8030



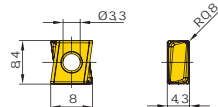
Artikel-Nr.	D	d	d1	L	a	Z			
SJ6Y032R00	32	16	30	32	7,5	3	0,3°	✓	0,09
SJ5Y032R00 ¹⁾	32	16	30	32	7,5	5	0,3°	✓	0,10
SJ6Y040R00	40	22	38	40	7,5	4	0,3°	✓	0,19
SJ5Y040R00 ¹⁾	40	22	38	40	7,5	6	0,3°	✓	0,35
SJ6Y050R00	50	22	45	40	7,5	5	0,2°	✓	0,33
SJ5Y050R00 ¹⁾	50	22	45	40	7,5	7	0,2°	✓	0,35
SJ6Y063R00	63	22	55	40	7,5	6	0,2°	✓	0,53
SJ5Y063R00 ¹⁾	63	22	55	40	7,5	9	0,2°	✓	0,54
SJ6Y080R00	80	27	70	50	7,5	7	0,1°	✓	1,22
SJ5Y080R00 ¹⁾	80	27	70	50	7,5	11	0,1°	✓	1,25

¹⁾ enge Teilung (nur für kurzspanende Werkstoffe)

DGM212R100



DGM212R101



Artikel-Nr.	Ausführung	Qualität	IN2004	IN2005	IN2015	IN2030	IN2035	IN6510	IN6515
DGM212R100	positive Geometrie R0,4								
DGM212R101	positive Geometrie R0,8								

● = P ● = M ● = K ● = N ● = S ● = H

ZUBEHÖR

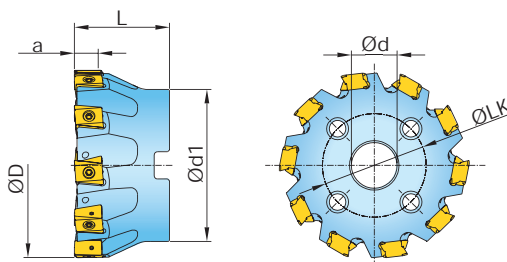


SM30-082-20

DS-TP08S (TX-Plus)

① = Spannschraube ② = Schraubendreher

FRÄSERAUFNAHME NACH DIN 8030



Artikel-Nr.	D	d	d1	LK	L	a	Z	IK	kg
SJ5J080R00 ¹⁾	80	27	70	-	50	13	8	✓	1,20
SJ6J080R00	80	27	70	-	50	13	6	✓	1,20
SJ5J100R00 ¹⁾	100	32	80	-	50	13	10	✓	1,80
SJ6J100R00	100	32	80	-	50	13	7	✓	1,70
SJ5J125R00 ¹⁾	125	40	100	-	63	13	12	✓	3,60
SJ6J125R00	125	40	100	-	63	13	9	✓	3,50
SJ5J160R00 ¹⁾	160	40	130	66,7	63	13	15		5,10
SJ6J160R00	160	40	130	66,7	63	13	11		5,10
SJ5J200R00 ¹⁾	200	60	160	101,6	63	13	18		7,50
SJ6J200R00	200	60	160	101,6	63	13	13		7,40

¹⁾ enge Teilung (nur für kurzspanende Werkstoffe)

DGM324R001 	DGM324R002 	DGM324R004
DGM324R201 	DGM324R202 	ZGM324R111
ZGM324R211 		

Artikel-Nr.	Ausführung	Qualität	IN2005	IN2015	IN2030	IN2040	IN6515			
DGM324R001	positive Geometrie R0,8		●	●	●	●	●			
DGM324R002	positive Geometrie R1,6		●	●	●	●	●			
DGM324R004	positive Geometrie R3,2		●	●	●	●	●			
DGM324R201	verstärkte Geometrie R0,8		●	●	●	●	●			
DGM324R202	verstärkte Geometrie R1,6		●	●	●	●	●			
ZGM324R111	positive Spanbrecher-Geometrie R0,8			●	●					
ZGM324R211	verstärkte Spanbrecher-Geometrie R0,8			●	●					

● = P ● = M ● = K ● = N ● = S ● = H

ZUBEHÖR

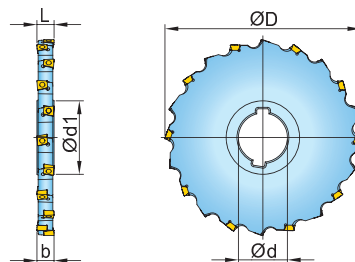
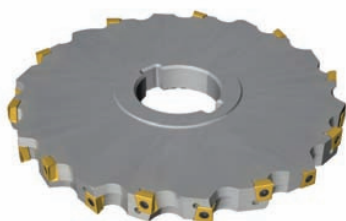


SM40-143-H0

DS-T155

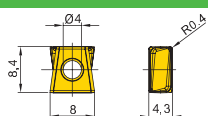
① = Spannschraube ② = Schraubendreher

FRÄSERAUFNAHME NACH DIN 138

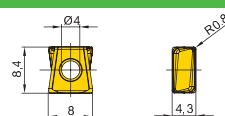


Artikel-Nr.	D	d	d1	L	B	b	Z	Zeff	kg
3SJ6Y063012BA-00	63	22	34	12	12	12	8	4	0,19
3SJ6Y063013BA-00	63	22	34	13	13	13	8	4	0,20
3SJ6Y063014BA-00	63	22	34	14	14	14	8	4	0,22
3SJ6Y080012BA-00	80	22	34	12	12	12	10	5	0,33
3SJ6Y080013BA-00	80	22	34	13	13	13	10	5	0,36
3SJ6Y080014BA-00	80	22	34	14	14	14	10	5	0,39
3SJ6Y100012BB-00	100	27	41	12	12	12	12	6	0,52
3SJ6Y100013BB-00	100	27	41	13	13	13	12	6	0,57
3SJ6Y100014BB-00	100	27	41	14	14	14	12	6	0,62
3SJ6Y125012BD-00	125	40	60	12	12	12	16	8	0,66
3SJ6Y125013BD-00	125	40	60	13	13	13	16	8	0,68
3SJ6Y125014BD-00	125	40	60	14	14	14	16	8	0,72
3SJ6Y160012BD-00	160	40	60	12	12	12	20	10	1,11
3SJ6Y160013BD-00	160	40	60	13	13	13	20	10	1,25
3SJ6Y160014BD-00	160	40	60	14	14	14	20	10	1,44
3SJ6Y200012BE-00	200	50	70	12	12	12	24	12	1,79
3SJ6Y200013BE-00	200	50	70	13	13	13	24	12	1,95
3SJ6Y200014BE-00	200	50	70	14	14	14	24	12	2,16

DGM212-100



DGM212-101



Artikel-Nr.	Ausführung	Qualität	IN2004	IN2005	IN2015	IN2030	IN2035			
DGM212-100	positive Geometrie R0,4									
DGM212-101	positive Geometrie R0,8									

● = P ● = M ● = K ● = N ● = S ● = H

ZUBEHÖR



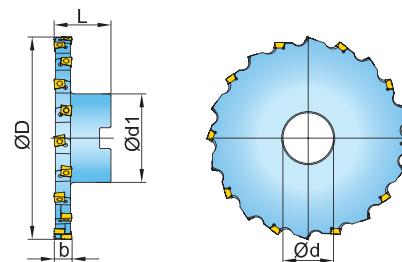
SM30-082-20

DS-TP08S (TX-Plus)

① = Spannschraube ② = Schraubendreher

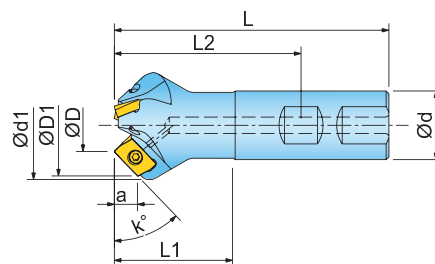


FRÄSERAUFNAHME NACH DIN 8030



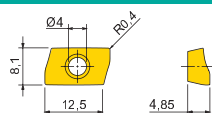
Artikel-Nr.	D	d	d1	B	b	Z	Zeff	kg
3SJ6Y063012F0R00	63	16	30	32	12	8	4	0,30
3SJ6Y063013F0R00	63	16	30	32	13	8	4	0,31
3SJ6Y063014F0R00	63	16	30	32	14	8	4	0,32
3SJ6Y080012F1R00	80	22	38	40	12	10	5	0,54
3SJ6Y080013F1R00	80	22	38	40	13	10	5	0,56
3SJ6Y080014F1R00	80	22	38	40	14	10	5	0,58
3SJ6Y100012F2R00	100	27	47	45	12	12	6	0,92
3SJ6Y100013F2R00	100	27	47	45	13	12	6	0,96
3SJ6Y100014F2R00	100	27	47	45	14	12	6	1,00
3SJ6Y125012E9R00	125	32	58	45	12	16	8	1,28
3SJ6Y125013E9R00	125	32	58	45	13	16	8	1,35
3SJ6Y125014E9R00	125	32	58	45	14	16	8	1,41
3SJ6Y160012E5R00	160	40	70	45	12	20	10	2,10
3SJ6Y160013E5R00	160	40	70	45	13	20	10	2,21
3SJ6Y160014E5R00	160	40	70	45	14	20	10	2,24
3SJ6Y200012E5R00	200	40	90	45	12	24	12	3,58
3SJ6Y200013E5R00	200	40	90	45	13	24	12	3,77
3SJ6Y200014E5R00	200	40	90	45	14	24	12	3,94

FRÄSERAUFNAHME NACH DIN 1835 B

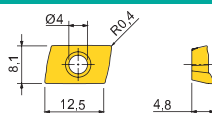


Artikel-Nr.	D	D1	d	d2	L	L1	L2	κ	a	Z	IK	kg
12Q1R020044W5R00	20	42,1	25	43,2	100	44	68	15	2,9	3	✓	0,38
12P1R020044W5R00	20	40,4	25	40,7	100	44	68	30	5,9	3	✓	0,35
12N1R020044W5R00	20	36,9	25	39,5	100	44	68	45	8,4	3	✓	0,36
12M1R020044W5R00	20	31,9	25	32,2	100	44	68	60	10,3	3	✓	0,33
12L1R020044W5R00	20	26,2	25	26,4	100	44	68	75	11,6	3	✓	0,31

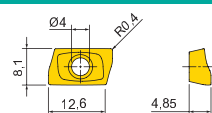
BOMT130404R



BOCT130404FR-P



BOMT130404R-HS



Artikel-Nr.	Ausführung	Qualität	IN10K	IN2005	IN2010	IN2030	IN2035	IN2505	IN2540
BOMT130404R	positive Geometrie R0,4								
BOCT130404FR-P	NE-Geometrie, poliert R0,4								
BOMT130404R-HS	positive Geometrie R0,4 (Titan)								

● = P ● = M ● = K ● = N ● = S ● = H

ZUBEHÖR



SM35-088-10

DS-T10S

① = Spannschraube ② = Schraubendreher