

**МЕТАЛЛОРЕЖУЩИЙ ИНСТРУМЕНТ**



**MTB tool**  
WE GIVE YOU THE BEST

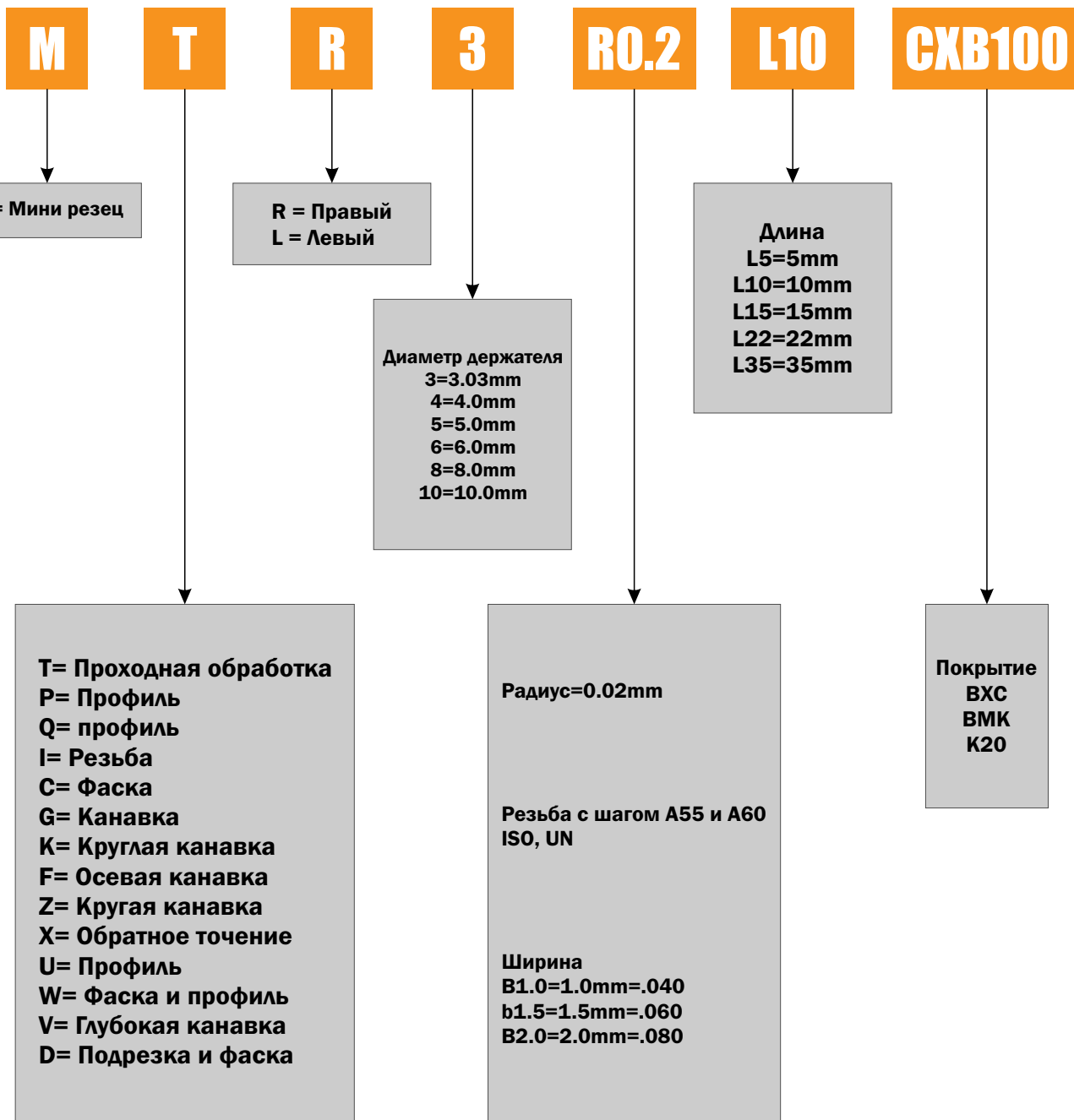
**Твердосплавные мини-резцы  
для токарной обработки**



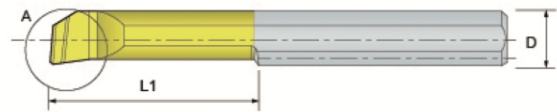
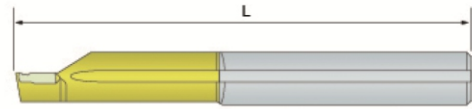
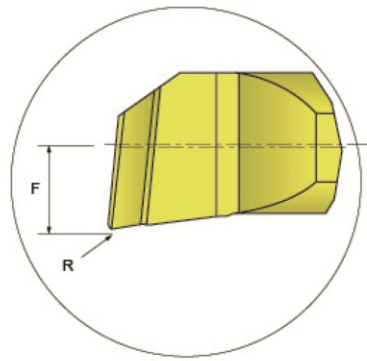
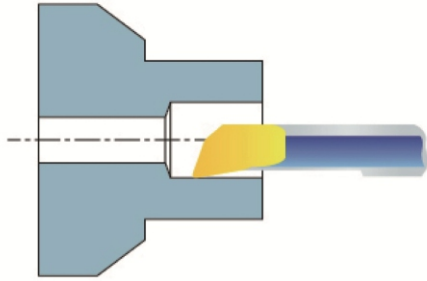
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# Расшифровка

**P M K N S H**



# MTR МИНИ-РЕЗЕЦ

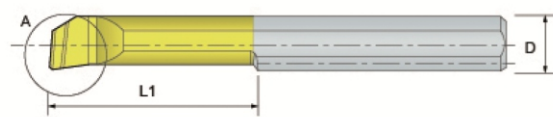
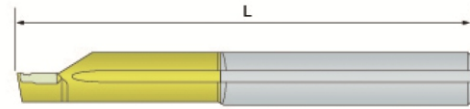
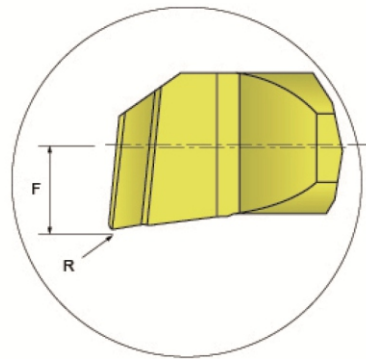
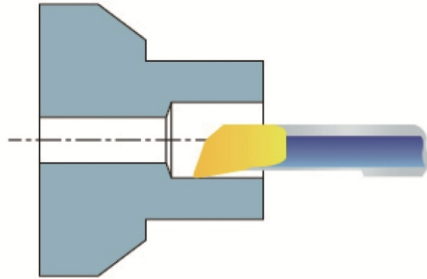


СХВ100 - Универсальный  
 ВМК200 - Цветные сплавы  
 К20 - Чугун

**P M K N S H**

D	ОБОЗНАЧЕНИЕ	L	L1	R	F	D MIN
3.0	*MTR 1 R0.05 L4	50	4	0.05	0.5	1.0
3.0	*MTR 1.5 R0.1 L6	50	6	0.10	0.7	1.5
3.0	*MTR 2 R0.05 L10	50	10	0.05	0.8	2.1
	*MTR 2 R0.15 L5	50	5	0.15	0.8	2.1
	*MTR 2 R0.15 L10	50	10	0.15	0.8	2.1
3.0	MTR 3 R0.05 L10	50	10	0.05	1.3	3.1
	MTR 3 R0.05 L15	50	15	0.05	1.3	3.1
	MTR 3 R0.1 L15	50	15	0.10	1.3	3.1
	MTR 3 R0.2 L10	50	10	0.20	1.3	3.1
	MTR 3 R0.2 L15	50	15	0.20	1.3	3.1
4.0	MTR 4 R0.5 L15	50	15	0.05	1.7	4.1
	MTR 4 R0.1 L10	50	10	0.10	1.7	4.1
	MTR 4 R0.1 L15	50	15	0.10	1.7	4.1
	MTR 4 R0.1 L22	50	22	0.10	1.7	4.1
	MTR 4 R0.2 L10	50	10	0.20	1.7	4.1
	MTR 4 R0.2 L15	50	15	0.20	1.7	4.1
	MTR 4 R0.2 L22	50	22	0.20	1.7	4.1

# MTR МИНИ-РЕЗЕЦ



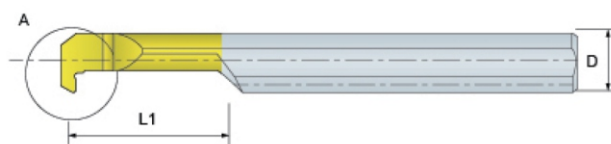
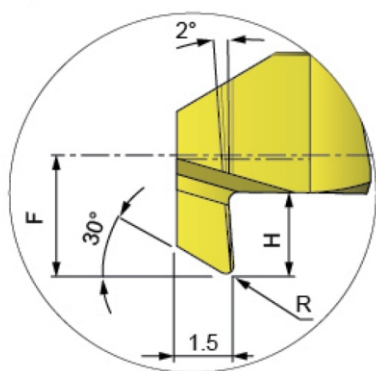
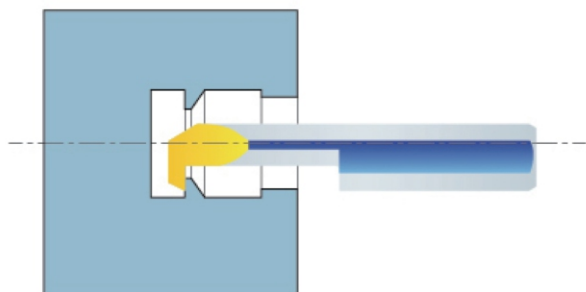
СХВ100 - Универсальный  
 ВМК200 - Цветные сплавы  
 К20 - Чугун



D	ОБОЗНАЧЕНИЕ	L	L1	R	F	D MIN
5.0	MTR 5 R0.05 L15	50	15	0.05	2.1	5.1
	MTR 5 R0.1 L15	50	15	0.10	2.1	5.1
	MTR 5 R0.1 L22	50	22	0.10	2.1	5.1
	MTR 5 R0.1 L30	75	30	0.10	2.1	5.1
	MTR 5 R0.2 L15	50	15	0.20	2.1	5.1
	MTR 5 R0.2 L22	50	22	0.20	2.1	5.1
	MTR 5 R0.2 L30	75	30	0.20	2.1	5.1
6.0	MTR 6 R0.05 L15	50	14	0.05	2.8	6.1
	MTR 6 R0.1 L15	50	15	0.10	2.8	6.1
	MTR 6 R0.2 L15	50	15	0.20	2.8	6.1
	MTR 6 R0.2 L22	50	22	0.20	2.8	6.1
	MTR 6 R0.2 L30	75	30	0.20	2.8	6.1
	MTR 6 R0.2 L35	75	35	0.20	2.8	6.1
7.0	MTR 7 R0.2 L22	60	22	0.20	3.3	7.1
	MTR 7 R0.2 L30	60	30	0.20	3.3	7.1
8.0	MTR 8 R0.2 L15	60	15	0.20	3.8	8.1
	MTR 8 R0.2 L22	60	22	0.20	3.8	8.1
	MTR 8 R0.2 L35	75	35	0.20	3.8	8.1
10.0	MTR 10 R0.2 L35	75	35	0.20	4.8	10.1



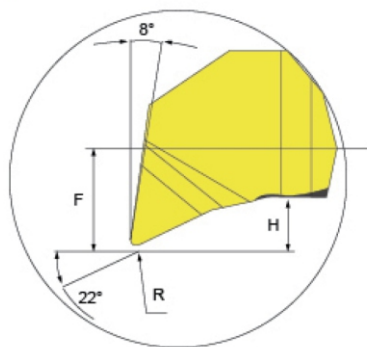
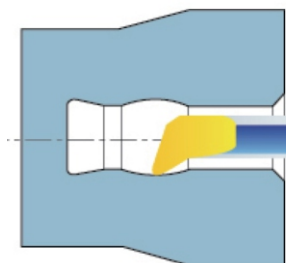
# МХР МИНИ-РЕЗЕЦ



**P M K N S H**

D	ОБОЗНАЧЕНИЕ	L	L1	R	H	F	D MIN
4.0	<b>MXR 4 R0.1 L10</b>	50	10	0.10	0.5	1.3	3.1
4.0	<b>MXR 4 R0.15 L10</b>	50	10	0.15	0.8	1.6	4.1
4.0	<b>MXR 4 R0.15 L15</b>	50	15	0.15	0.8	1.6	4.1
5.0	<b>MXR 5 R0.2 L15</b>	50	15	0.20	1.0	2.2	5.1
5.0	<b>MXR 5 R0.2 L22</b>	50	22	0.20	1.0	2.2	5.1
6.0	<b>MXR 6 R0.2 L15</b>	50	15	0.20	1.8	2.8	6.1
6.0	<b>MXR 6 R0.2 L22</b>	50	22	0.20	1.8	2.8	6.1

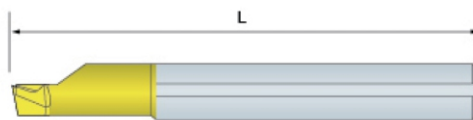
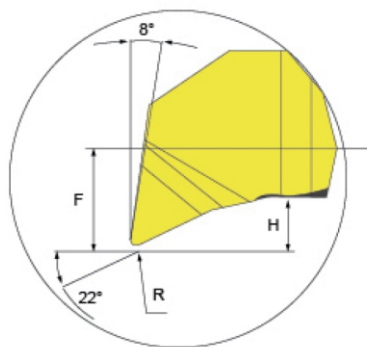
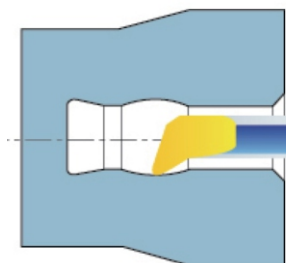
# MPR МИНИ-РЕЗЕЦ



**P M K N S H**

D	ОБОЗНАЧЕНИЕ	L	L1	R	H	F	D MIN
3.0	*MPR 1 R0.5 L4	50	4	0.05	0.2	0.5	1.0
3.0	*MPR 1.5 R0.1 L6	50	6	0.10	0.3	0.7	1.5
4.0	*MPR 1.5 R0.1 L10	50	10	0.10	0.3	0.7	1.5
4.0	*MPR 2 R0.05 L10	50	10	0.05	0.5	0.8	2.1
5.0	*MPR 2 R0.1 L10	50	10	0.10	0.5	0.8	2.1
5.0	*MPR 2 R0.15 L5	50	5	0.15	0.5	0.8	2.1
5.0	*MPR 2 R0.15 L10	50	10	0.15	0.5	0.8	2.1
5.0	*MPR 2 R0.15 L15	50	15	0.15	0.5	0.8	2.1
5.0	MPR 3 R0.05 L10	50	10	0.05	0.7	1.3	3.1
5.0	MPR 3 R0.05 L15	50	15	0.05	0.7	1.3	3.1
6.0	MPR 3 R0.1 L15	50	15	0.10	0.7	1.3	3.1
6.0	MPR 3 R0.1 L22	50	22	0.10	0.7	1.3	3.1
6.0	MPR 3 R0.2 L10	50	10	0.20	0.7	1.3	3.1
7.0	MPR 3 R0.2 L15	50	15	0.20	0.7	1.3	3.1
7.0	MPR 3 R0.2 L22	50	22	0.20	0.7	1.3	3.1
7.0	MPR 4 R0.01 L15	50	15	0.10	0.8	1.7	4.1
8.0	MPR 4 R0.1 L22	50	22	0.10	0.8	1.7	4.1
8.0	MPR 4 R0.2 L10	50	10	0.20	0.8	1.7	4.1
8.0	MPR 4 R0.2 L15	50	15	0.20	0.8	1.7	4.1
10.0	MPR 4 R0.2 L22	50	22	0.20	0.8	1.7	4.1

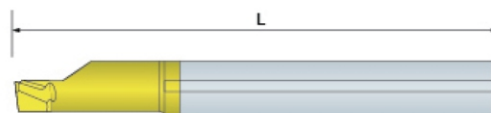
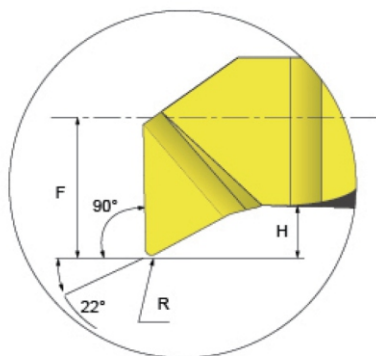
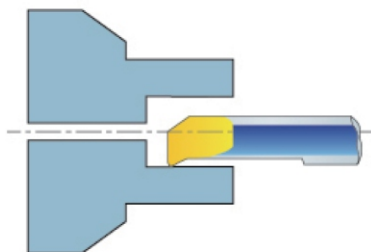
# MPR МИНИ-РЕЗЕЦ



**P M K N S H**

D	ОБОЗНАЧЕНИЕ	L	L1	R	H	F	D MIN
5.0	MPR 5 R0.1 L22	50	22	0.10	1.2	2.1	5.1
5.0	MPR 5 R0.1 L30	75	30	0.10	1.2	2.1	5.1
5.0	MPR 5 R0.2 L15	50	15	0.20	1.2	2.1	5.1
5.0	MPR 5 R0.2 L22	50	22	0.20	1.2	2.1	5.1
5.0	MPR 5 R0.2 L30	75	30	0.20	1.2	2.1	5.1
6.0	MPR 6 R0.2 L15	50	15	0.20	1.4	2.8	6.1
6.0	MPR 6 R0.2 L22	50	22	0.20	1.4	2.8	6.1
6.0	MPR 6 R0.2 L30	75	30	0.20	1.4	2.8	6.1
7.0	MPR 7 R0.2 L22	60	33	0.20	1.5	3.3	7.1
7.0	MPR 7 R0.2 L30	60	30	0.20	1.5	3.3	7.1
7.0	MPR 7 R0.2 L35	60	35	0.20	1.5	3.3	7.1
8.0	MPR 8 R0.2 L15	60	15	0.20	1.6	3.8	8.1
8.0	MPR 8 R0.2 L22	60	22	0.20	1.6	3.8	8.1
8.0	MPR 8 R0.2 L35	75	35	0.20	1.6	3.8	8.1
10.0	MPR 10 R0.2 L35	75	35	0.20	2.0	4.8	10.1

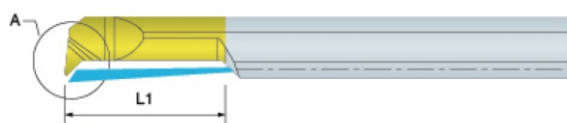
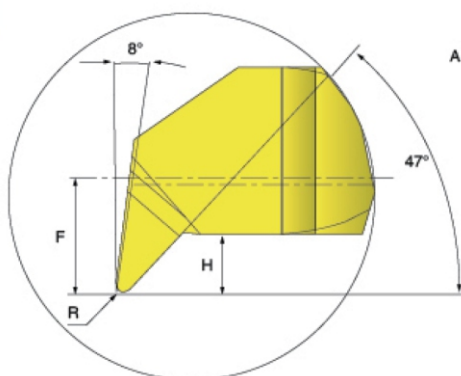
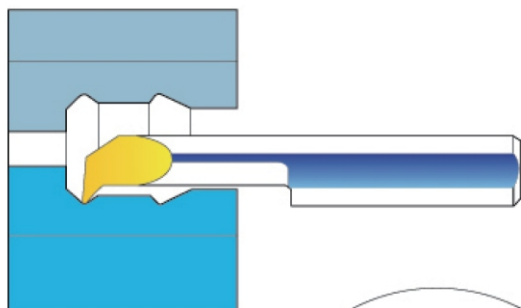
# MUR МИНИ-РЕЗЕЦ



**P M K N S H**

D	ОБОЗНАЧЕНИЕ	L	L1	R	H	F	D MIN
3.0	<b>MUR 3 R0.005 L10</b>	50	10	0.05	0.4	1.3	3.1
3.0	<b>MUR 3 R0.005 L15</b>	50	15	0.05	0.4	1.3	3.1
4.0	<b>MUR 4 R0.1 L10</b>	50	10	0.10	0.5	1.7	4.1
4.0	<b>MUR 4 R0.1 L15</b>	50	15	0.10	0.5	1.7	4.1
5.0	<b>MUR 4 R0.1 L22</b>	50	15	0.15	0.7	2.1	5.1
5.0	<b>MUR 5 R0.15 L22</b>	50	22	0.15	0.7	2.1	5.1
6.0	<b>MUR 6 R0.15 L15</b>	50	15	0.15	0.9	2.8	6.1
6.0	<b>MUR 6 R0.15 L22</b>	50	22	0.15	0.9	2.8	6.1
8.0	<b>MUR 8 R0.2 L22</b>	60	22	0.20	1.1	3.8	8.1

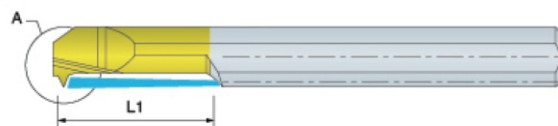
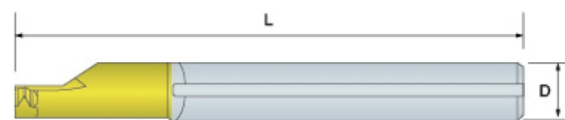
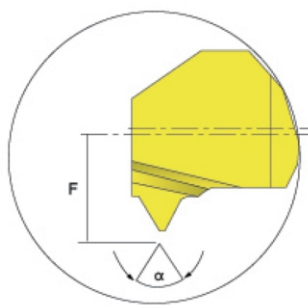
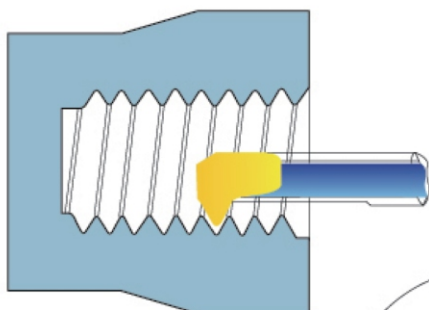
# MQR МИНИ-РЕЗЕЦ



**P M K N S H**

D	ОБОЗНАЧЕНИЕ	L	L1	R	H	F	D MIN
4.0	MQR 4 R0.2 L10	50	10	0.20	0.8	1.8	4.1
4.0	MQR 4 R0.2 L15	50	15	0.20	0.8	1.8	4.1
4.0	MQR 4 R0.2 L22	50	22	0.20	0.8	1.8	4.1
5.0	MQR 5 R0.2 L15	50	15	0.20	1.0	2.3	5.1
5.0	MQR 5 R0.2 L22	50	22	0.20	1.0	2.3	5.1
6.0	MQR 6 R0.2 L15	50	15	0.20	1.4	2.8	6.1
6.0	MQR 6 R0.2 L22	50	22	0.20	1.4	2.8	6.1
6.0	MQR 6 R0.2 L30	75	30	0.20	1.4	2.8	6.1
8.0	MQR 8 R0.2 L22	60	22	0.20	1.6	3.8	8.1
8.0	MQR 8 R0.2 L27	60	27	0.20	1.6	3.8	8.1

# MIR МИНИ-РЕЗЕЦ



**P M K N S H**

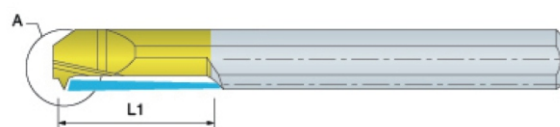
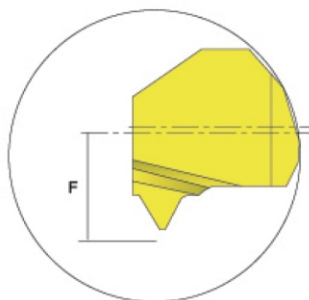
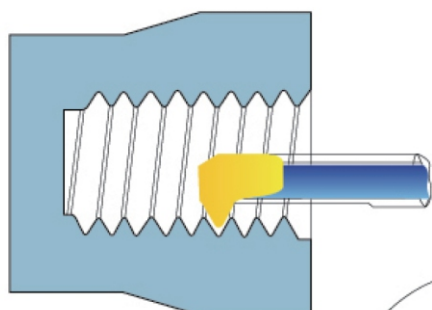
55°

D	ОБОЗНАЧЕНИЕ	L	L1	α	ШАГ РЕЗЬБЫ	F	D MIN
					мм		
3.0	MIR 3 L15 A55	50	15	55	0.5-1.0	1.4	3.2
4.0	MIR 4 L15 A55	50	15	55	0.5-1.0	1.8	4.1
5.0	MIR 5 L15 A55	50	15	55	0.5-1.25	2.3	5.1
5.0	MIR 5 L22 A55	50	22	55	0.5-1.25	2.3	5.1
6.0	MIR 6 L15 A55	50	15	55	0.5-1.5	2.6	6.0
6.0	MIR 6 L22 A55	50	22	55	0.5-1.5	2.6	6.0

60°

D	ОБОЗНАЧЕНИЕ	L	L1	α	ШАГ РЕЗЬБЫ	F	D MIN
					мм		
3.0	MIR 1 L5 A60	50	4.8	60	0.25-0.35	0.55	1.2
3.0	MIR 1 L6 A60	50	6.3	60	0.35-0.45	0.65	1.4
3.0	MIR 2 L8 A60	50	8	60	0.45-0.7	1.0	2.1
3.0	MIR 3 L15 A60	50	15	60	0.8-1.0	1.4	3.2
4.0	MIR 4 L15 A60	50	15	60	0.8-1.0	1.8	4.1
5.0	MIR 5 L15 A60	50	15	60	1.0-1.25	2.3	5.1
5.0	MIR 5 L22 A60	50	22	60	1.0-1.25	2.3	5.1
6.0	MIR 6 L15 A60	50	15	60	1.0-1.5	2.6	6.0
6.0	MIR 6 L22 A60	50	22	60	1.0-1.5	2.6	6.0
8.0	MIR 8 L22 A60	60	22	60	1.0-2.0	2.3	8.0

# MIR МИНИ-РЕЗЕЦ



**P M K N S H**

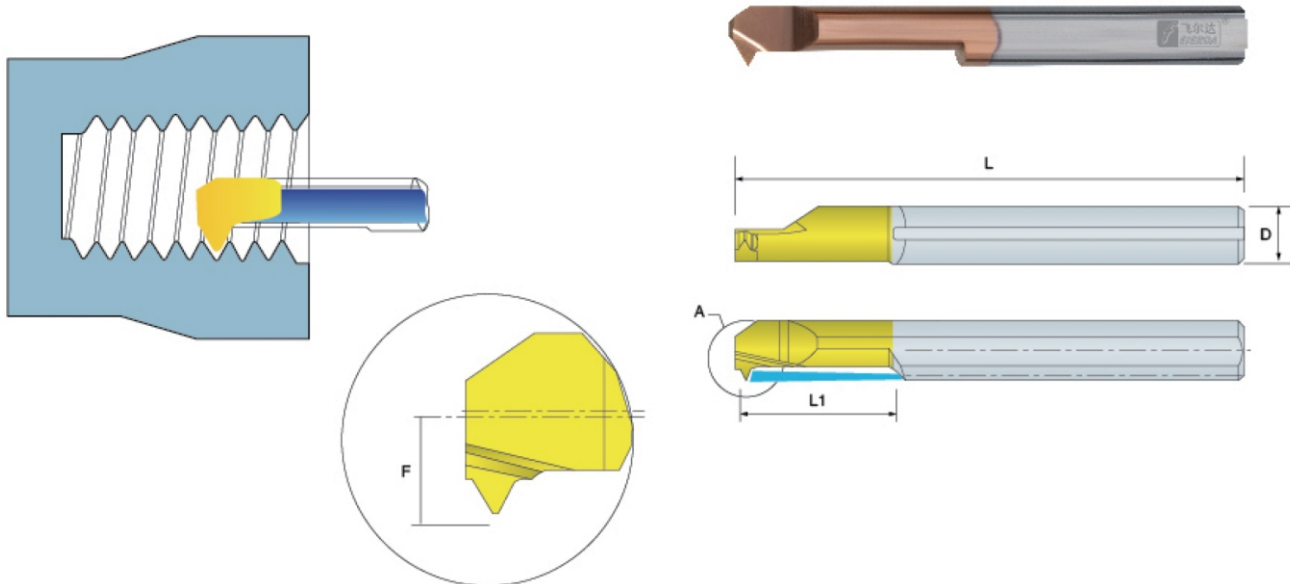
## 60° - ISO

D	ОБОЗНАЧЕНИЕ	ШАГ РЕЗЬБЫ	L	L1	F	D MIN
		mm				
3.0	MIR 3 L15 0.5 ISO	M4 x 0.5	50	15	1.4	3.2
3.0	MIR 3 L15 0.7 ISO	M4 x 0.7	50	15	1.4	3.2
3.0	MIR 3 L15 0.75 ISO	M4.5 x 0.75	50	15	1.4	3.2
4.0	MIR 4 L15 0.5 ISO	M5 x 0.5	50	15	1.8	4.1
4.0	MIR 4 L15 0.75 ISO	M5 x 0.75	50	15	1.8	4.1
4.0	MIR 4 L15 0.8 ISO	M5 x 0.8	50	15	1.8	4.1
5.0	MIR 5 L15 1.0 ISO	M6 x 1.0	50	15	2.2	4.9
6.0	MIR 6 L22 1.25 ISO	M8 x 1.25	50	15	2.8	6.1

## 60° - UN

D	ОБОЗНАЧЕНИЕ	ШАГ РЕЗЬБЫ	L	L1	F	D MIN
		mm				
3.0	MIR 3 L15 36 UN	8-36UNF	50	15	1.4	3.2
3.0	MIR 3 L15 32 UN	8-32UNC	50	15	1.4	3.2
4.0	MIR 4 L15 36 UN	12-36UNS	50	15	1.8	4.1
4.0	MIR 4 L15 32 UN	12-32UNEF	50	15	1.8	4.1
5.0	MIR 5 L15 28 UN	1/4-28UNF	50	15	2.2	4.9
5.0	MIR 5 L18 20 UN	1/4-20UNC	50	18	2.3	5.0
6.0	MIR 6 L18 24 UN	5/16-24UNF	50	18	2.8	6.5
6.0	MIR 6 L18 18 UN	5/16-18UNC	50	18	2.8	6.2

# MIR МИНИ-РЕЗЕЦ



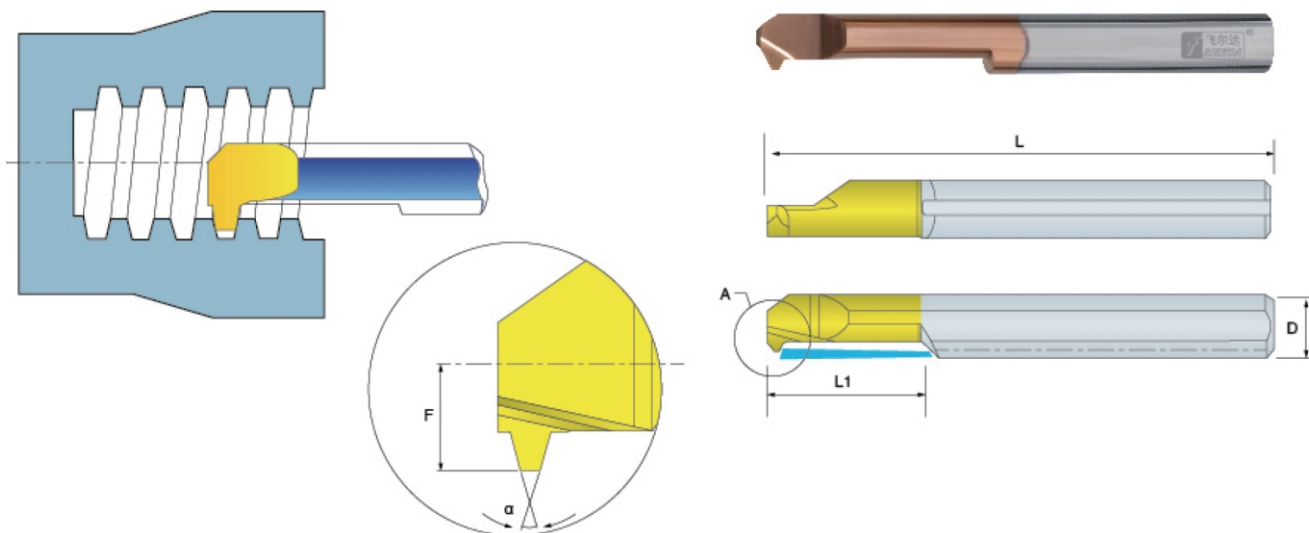
**P M K N S H**

**NPT**

D	ОБОЗНАЧЕНИЕ	ТИП РЕЗЬБЫ	L	L1	F	D MIN	ШАГ РЕЗЬБЫ
6.0	MIR 6 L15 27 NPT	27	50	15	2.4	5.9	1/16x27NPT 1/8x27NPT



# MIR МИНИ-РЕЗЕЦ

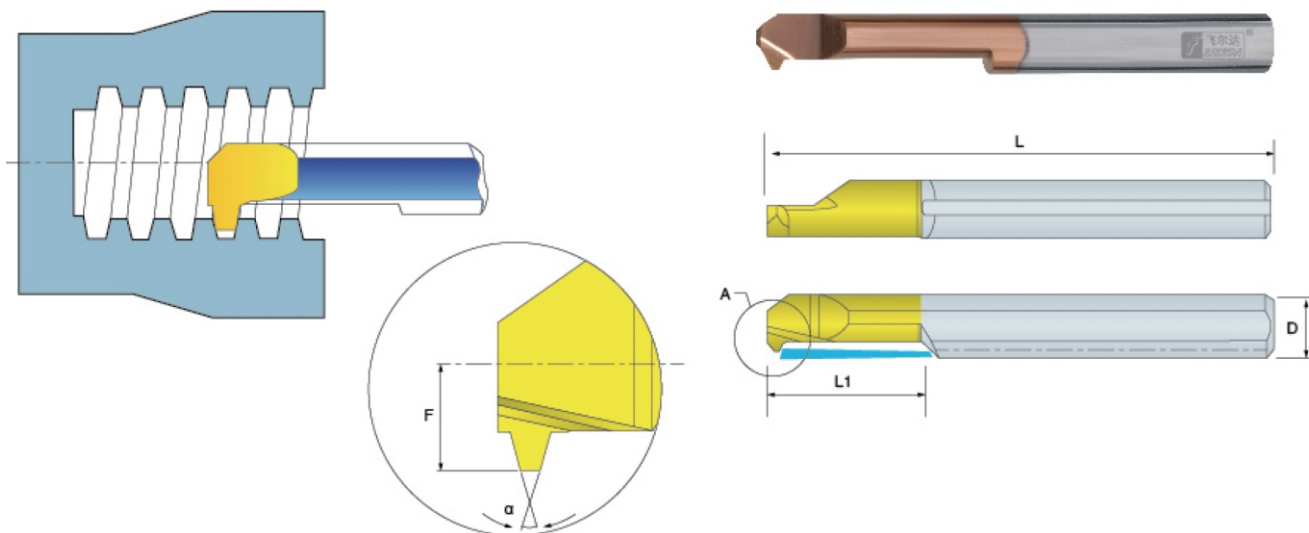


**P M K N S H**

## Acme

D	ОБОЗНАЧЕНИЕ	ТИП РЕЗЬБЫ	L	L1	F	$\alpha$	D MIN	ШАГ РЕЗЬБЫ
4.0	<b>MIR 4 L15 16 ACME</b>	16	50	15	1.8	29	4.6	1/4 × 16
6.0	<b>MIR 6 L20 14 ACME</b>	14	50	20	2.8	29	6.0	5/16 × 14
7.0	<b>MIR 7 L22 12 ACME</b>	12	60	22	3.3	29	7.2	3/8 × 12
8.0	<b>MIR 8 L30 10 ACME</b>	10	75	30	3.8	29	10.0	1/2 × 10
10.0	<b>MIR 10 L35 8 ACME</b>	8	75	35	4.8	29	12.5	5/8 × 8
10.0	<b>MIR 10 L45 6 ACME</b>	6	100	45	4.8	29	14.6	3/4 × 6 7/8 × 6

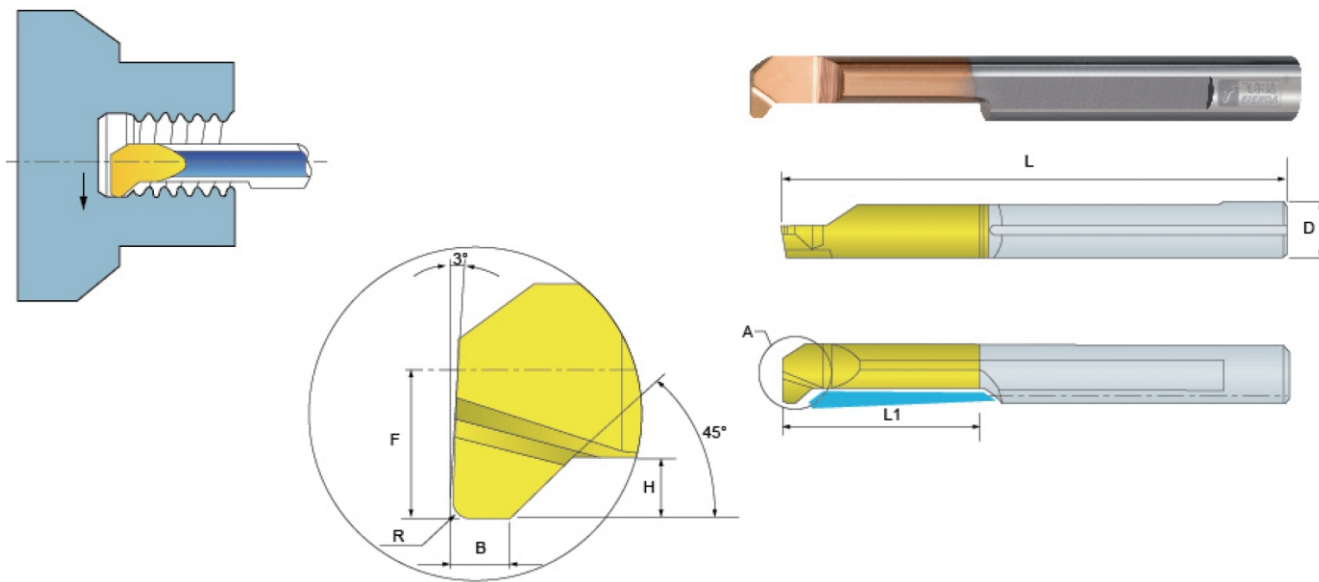
# MIR МИНИ-РЕЗЕЦ



**P M K N S H**

D	ОБОЗНАЧЕНИЕ	ТИП РЕЗЬБЫ	L	L1	F	$\alpha$	D MIN	ШАГ РЕЗЬБЫ
7.0	MIR 7 L25 2 TR	2	60	25	3.2	30	6.9	Tr9×2 Tr 10×2 Tr 11 ×2 Tr 12 ×2
10.0	MIR 10 L35 2 TR	2	75	35	4.8	30	11.0	Tr 14 × 2 Tr 16 × 2 Tr 18 × 2 Tr 20×2
7.0	MIR 7 L35 3 TR	3	60	35	3.3	30	7.5	Tr11 x3 Tr12x3
10.0	MIR 10 L35 3 TR	3	75	35	4.8	30	10.5	Tr 14 × 3 Tr 22 × 3 Tr 24 × 3 Tr 26 × 3 Tr 28 × 3
10.0	MIR 10 L45 4 TR	4	100	45	4.8	30	11.5	Tr 16 x4 Tr 18 × 4 Tr 20 x 4
10.0	MIR 10 L55 5 TR	5	100	55	4.8	30	11.0	Tr 22 × 5 Tr24×5 Tr 28 ×5

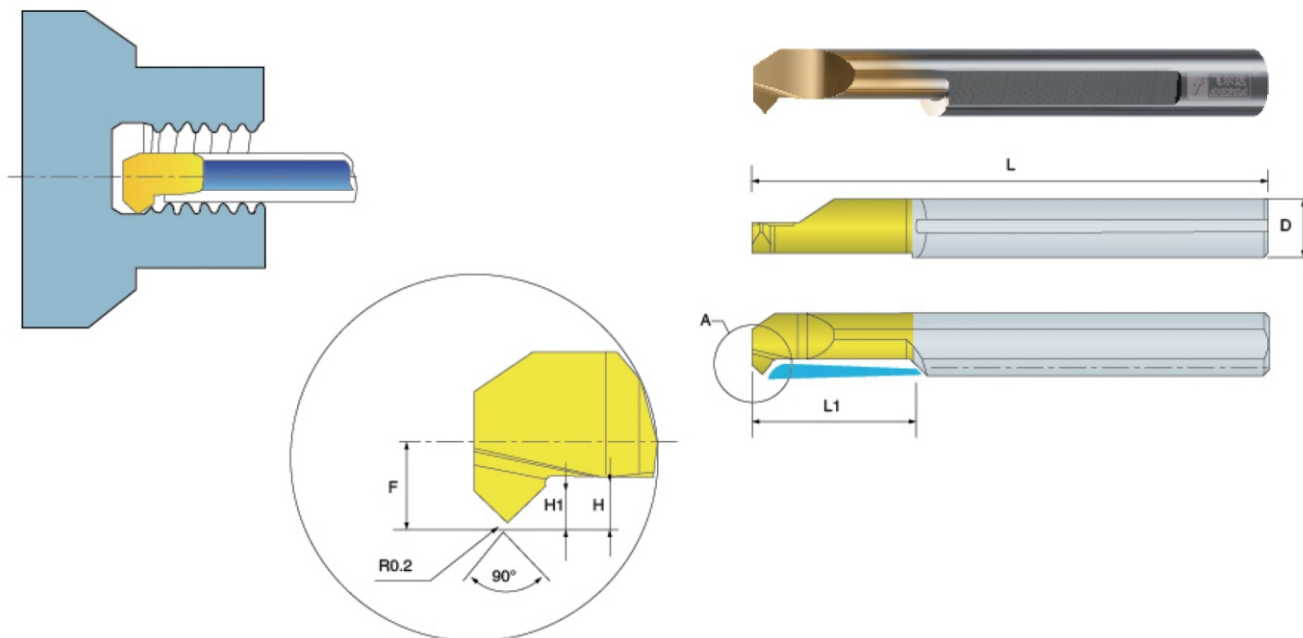
# MDR МИНИ-РЕЗЕЦ



**P M K N S H**

D	ОБОЗНАЧЕНИЕ	L	L1	B	R	H	F	D MIN
4.0	<b>MDR 4 R0.5 L18</b>	50	18	1.5	0.5	0.8	1.8	4.1
5.0	<b>MDR 5 R0.5 L24</b>	50	24	1.5	0.5	1.2	2.3	5.1
6.0	<b>MDR 6 R0.5 L27</b>	75	27	1.5	0.5	1.4	2.8	6.1

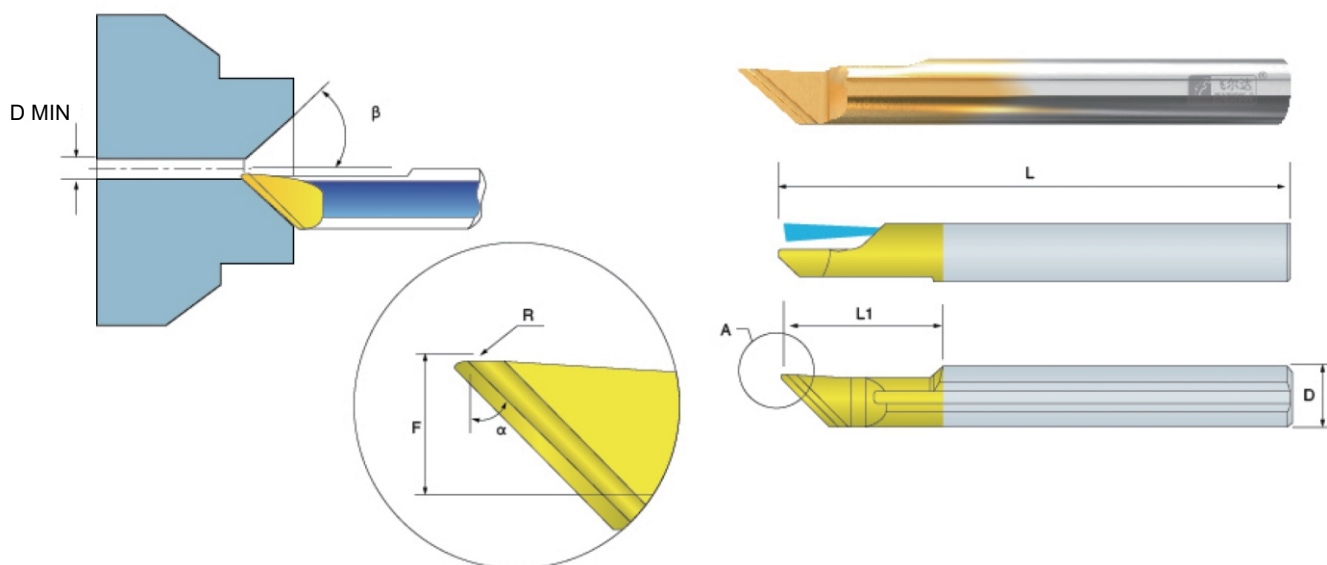
# MCR МИНИ-РЕЗЕЦ



**P M K N S H**

D	ОБОЗНАЧЕНИЕ	L	L1	R	H	H1	F	D MIN
3.0	<b>MCR 3 R0.2 L10</b>	50	10	0.20	0.7	0.3	1.3	3.1
4.0	<b>MCR 4 R0.2 L15</b>	50	15	0.20	0.8	0.4	1.7	4.1
5.0	<b>MCR 5 R0.2 L15</b>	50	15	0.20	1.2	0.7	2.1	5.1
6.0	<b>MCR 6 R0.2 L15</b>	50	15	0.20	1.4	0.7	2.8	6.1
7.0	<b>MCR 7 R0.2 L20</b>	60	20	0.20	1.5	0.8	3.3	7.1

# MWR МИНИ-РЕЗЕЦ



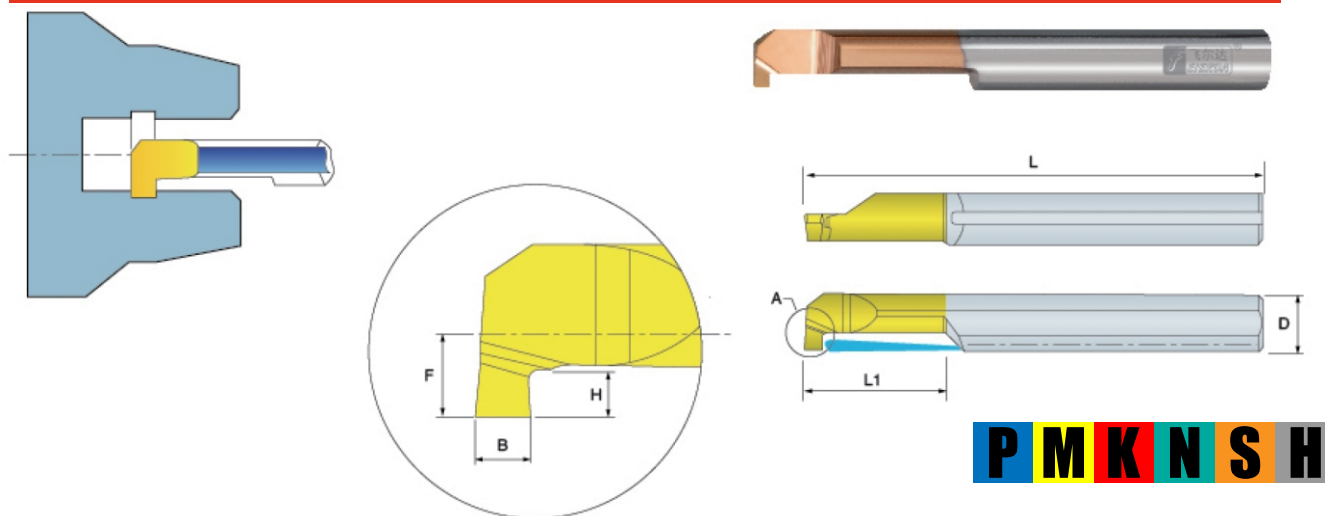
**P M K N S H**

D	ОБОЗНАЧЕНИЕ	L	L1	R	$\alpha$	$\beta$	F	D MIN
6.0	<b>MWR 6 R0.2 A90</b>	50	15.0	0.20	45°	45°	2.3	1.0
6.0	<b>MWR 6 R0.2 A60</b>	50	15.0	0.20	60°	30°	2.3	1.0

# MWL

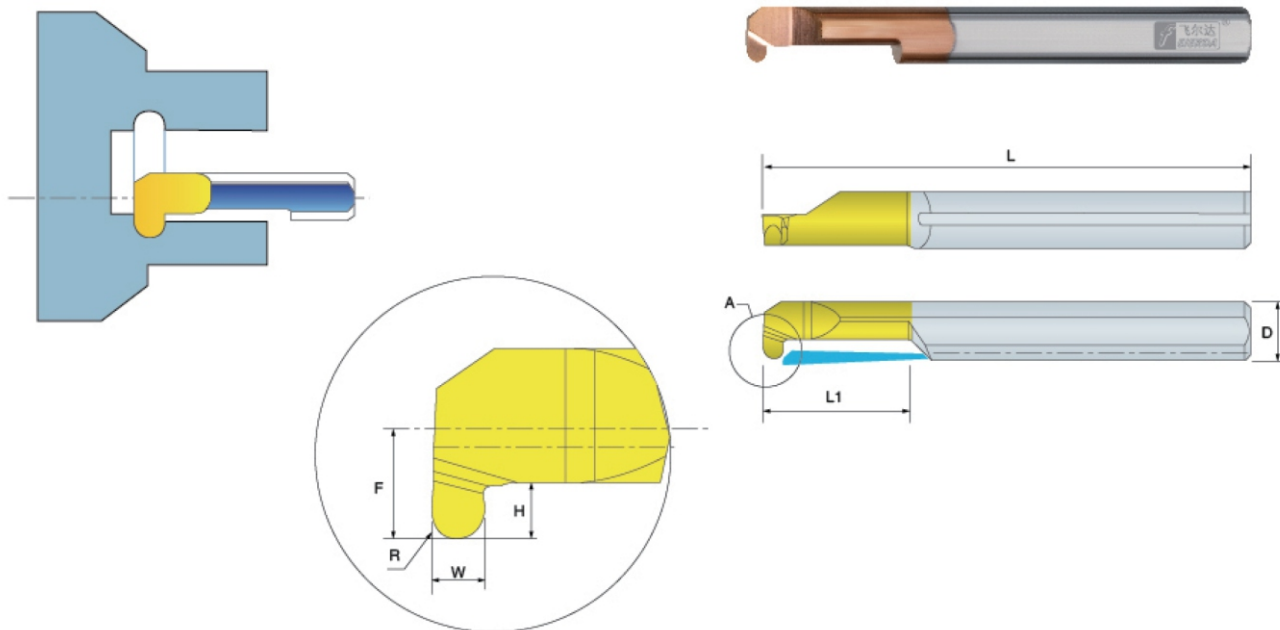
D	ОБОЗНАЧЕНИЕ	L	L1	R	$\alpha$	$\beta$	F	D MIN
6.0	<b>MWL 6 R0.2 A90</b>	50	15.0	0.20	45°	45°	2.3	1.0
6.0	<b>MWL 6 R0.2 A60</b>	50	15.0	0.20	60°	30°	2.3	1.0

# MGR МИНИ-РЕЗЕЦ



D	ОБОЗНАЧЕНИЕ	L	L1	B	H	F	D MIN
3.0	MGR 3 B0.7 L10	50	10	0.7	0.6	1.3	3.1
4.0	MGR 4 B1.0 L10	50	10	1.0	1.0	1.7	4.1
4.0	MGR 4 B1.0 L15	50	10	1.0	1.0	1.7	4.1
4.0	MGR 4 B1.5 L10	50	10	1.5	1.0	1.7	4.1
5.0	MGR 5 B1.0 L15	50	15	1.0	1.2	2.3	5.1
5.0	MGR 5 B1.0 L22	50	22	1.0	1.2	2.3	5.1
5.0	MGR 5 B1.5 L15	50	15	1.5	1.2	2.3	5.1
5.0	MGR 5 B1.5 L22	50	22	1.5	1.2	2.3	5.1
5.0	MGR 5 B2.0 L15	50	15	2.0	1.2	2.3	5.1
5.0	MGR 5 B2.0 L22	50	22	2.0	1.2	2.3	5.1
6.0	MGR 6 B1.0 L15	50	15	1.0	1.4	2.8	6.1
6.0	MGR 6 B1.0 L22	50	22	1.0	1.4	2.8	6.1
6.0	MGR 6 B1.5 L15	50	15	1.5	1.4	2.8	6.1
6.0	MGR 6 B1.5 L22	50	22	1.5	1.4	2.8	6.1
6.0	MGR 6 B2.0 L15	50	15	2.0	1.4	2.8	6.1
6.0	MGR 6 B2.0 L22	50	22	2.0	1.4	2.8	6.1
7.0	MGR 7 B1.0 L15	60	15	1.0	2.5	3.3	7.1
7.0	MGR 7 B1.0 L22	60	22	1.0	2.5	3.3	7.1
7.0	MGR 7 B1.0 L30	60	30	1.0	2.5	3.3	7.1
7.0	MGR 7 B1.5 L15	60	15	1.5	2.5	3.3	7.1
7.0	MGR 7 B1.5 L22	60	22	1.5	2.5	3.3	7.1
7.0	MGR 7 B1.5 L30	60	30	1.5	2.5	3.3	7.1
7.0	MGR 7 B2.0 L15	60	15	2.0	2.5	3.3	7.1
7.0	MGR 7 B2.0 L22	60	22	2.0	2.5	3.3	7.1
7.0	MGR 7 B2.0 L30	60	30	2.0	2.5	3.3	7.1
8.0	MGR 8 B1.0 L22	60	22	1.0	1.7	3.8	8.1
8.0	MGR 8 B1.5 L22	60	22	1.5	1.7	3.8	8.1
8.0	MGR 8 B2.0 L22	60	22	2.0	2.6	3.8	8.1

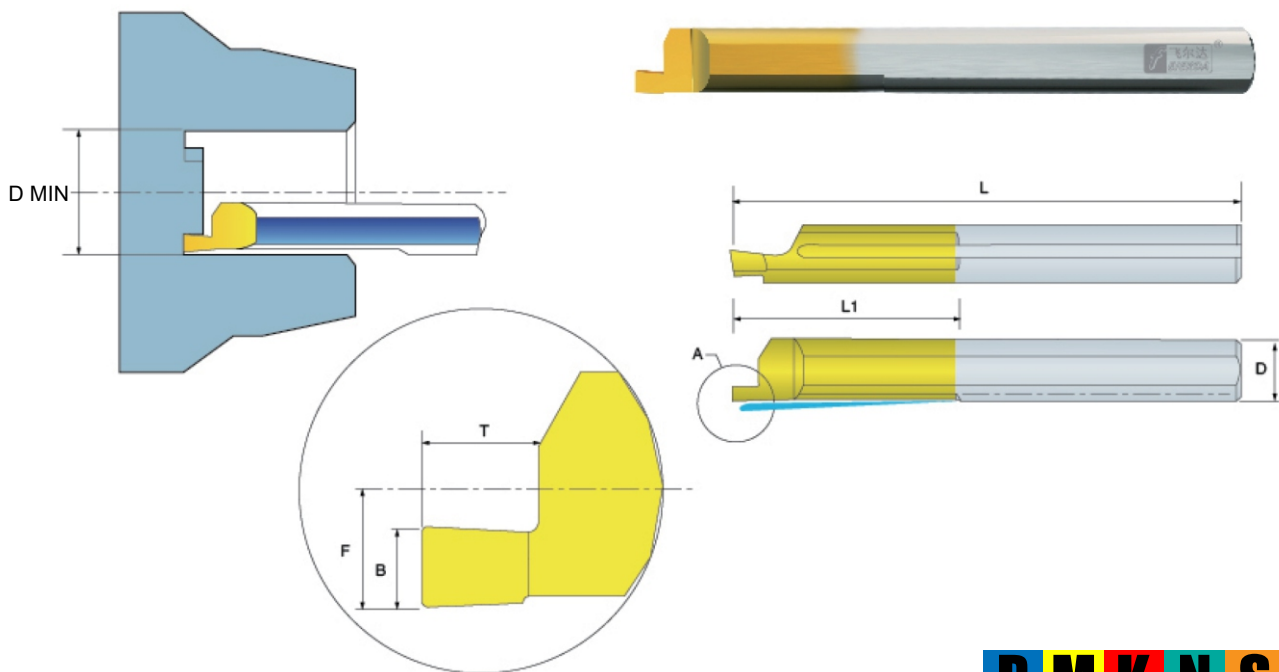
# МКР МИНИ-РЕЗЕЦ



**P M K N S H**

D	ОБОЗНАЧЕНИЕ	L	L1	R	W	H	F	D MIN
4.0	<b>МКР 4 R0.5 L10</b>	50	10	0.50	1.0	1.0	1.7	4.1
4.0	<b>МКР 4 R0.75 L10</b>	50	10	0.75	1.5	1.0	1.7	4.1
5.0	<b>МКР 5 R0.5 L15</b>	50	15	0.50	1.0	1.2	2.3	5.1
5.0	<b>МКР 5 R0.75 L15</b>	50	15	0.75	1.5	1.2	2.3	5.1
5.0	<b>МКР 5 R1.0 L15</b>	50	15	1.00	2.0	1.2	2.3	5.1
6.0	<b>МКР 6 R0.5 L15</b>	50	15	0.50	1.0	1.6	2.8	6.1
6.0	<b>МКР 6 R0.75 L15</b>	50	15	0.75	1.5	1.6	2.8	6.1
6.0	<b>МКР 6 R1.0 L15</b>	50	15	1.00	2.0	1.6	2.8	6.1

# MFR МИНИ-РЕЗЕЦ

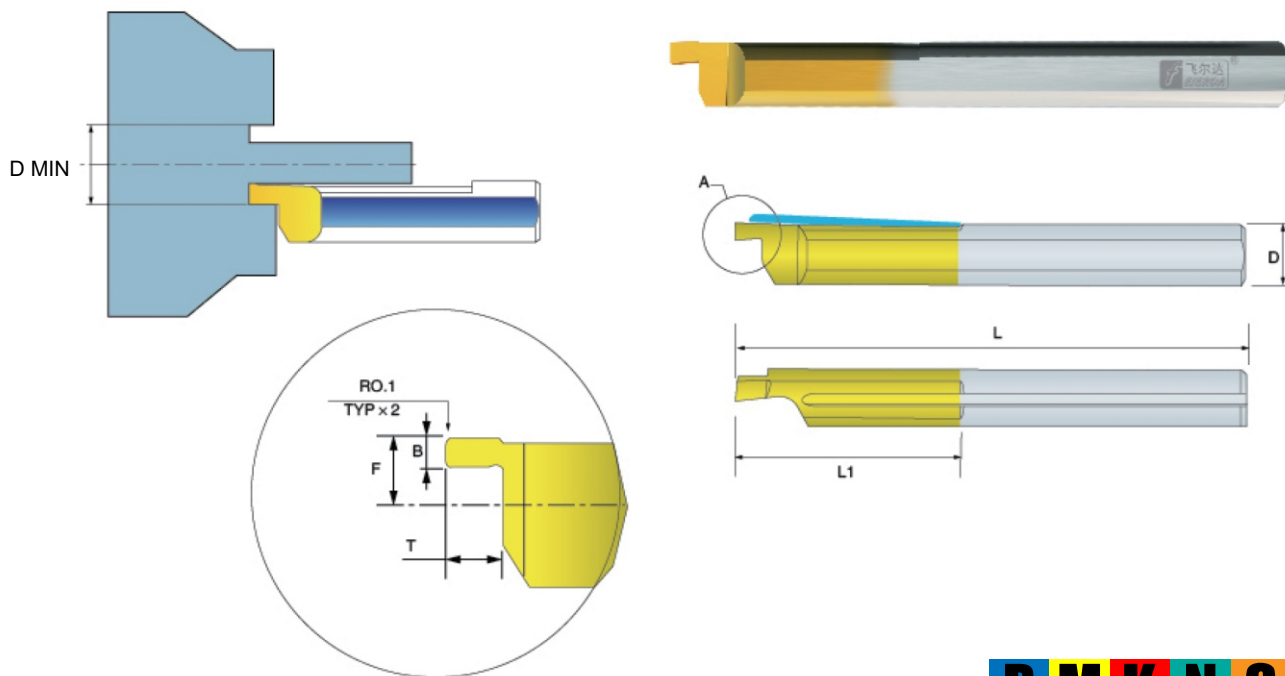


**P M K N S H**

D	ОБОЗНАЧЕНИЕ	L	L1	B	T	F	D MIN
4.0	<b>MFR 4 B0.75 L15</b>	50	15	0.75	1.2	1.95	5.0
4.0	<b>MFR 4 B1.0 L15</b>	50	15	1.0	1.5	1.95	5.0
4.0	<b>MFR 4 B1.5 L15</b>	50	15	1.5	2.8	1.95	5.0
5.0	<b>MFR 5 B0.75 L22</b>	50	22	0.75	1.2	2.45	6.0
5.0	<b>MFR 5 B1.0 L22</b>	50	22	1.0	1.5	2.45	6.0
5.0	<b>MFR 5 B1.5 L22</b>	50	22	1.5	2.5	2.45	6.0
5.0	<b>MFR 5 B2.0 L22</b>	50	22	2.0	3.8	2.45	6.0
6.0	<b>MFR 6 B1.0 L22</b>	50	22	1.0	1.5	2.95	8.0
6.0	<b>MFR 6 B1.5 L22</b>	50	22	1.5	2.5	2.95	8.0
6.0	<b>MFR 5 B2.0 L22</b>	50	22	2.0	3.0	2.95	8.0
6.0	<b>MFR 6 B2.5 L22</b>	50	22	2.5	4.8	2.95	8.0
6.0	<b>MFR 6 B3.0 L30</b>	75	30	3.0	6.0	2.95	8.0
8.0	<b>MFR 8 B2.5 L22</b>	60	22	2.5	3.5	3.95	10.0



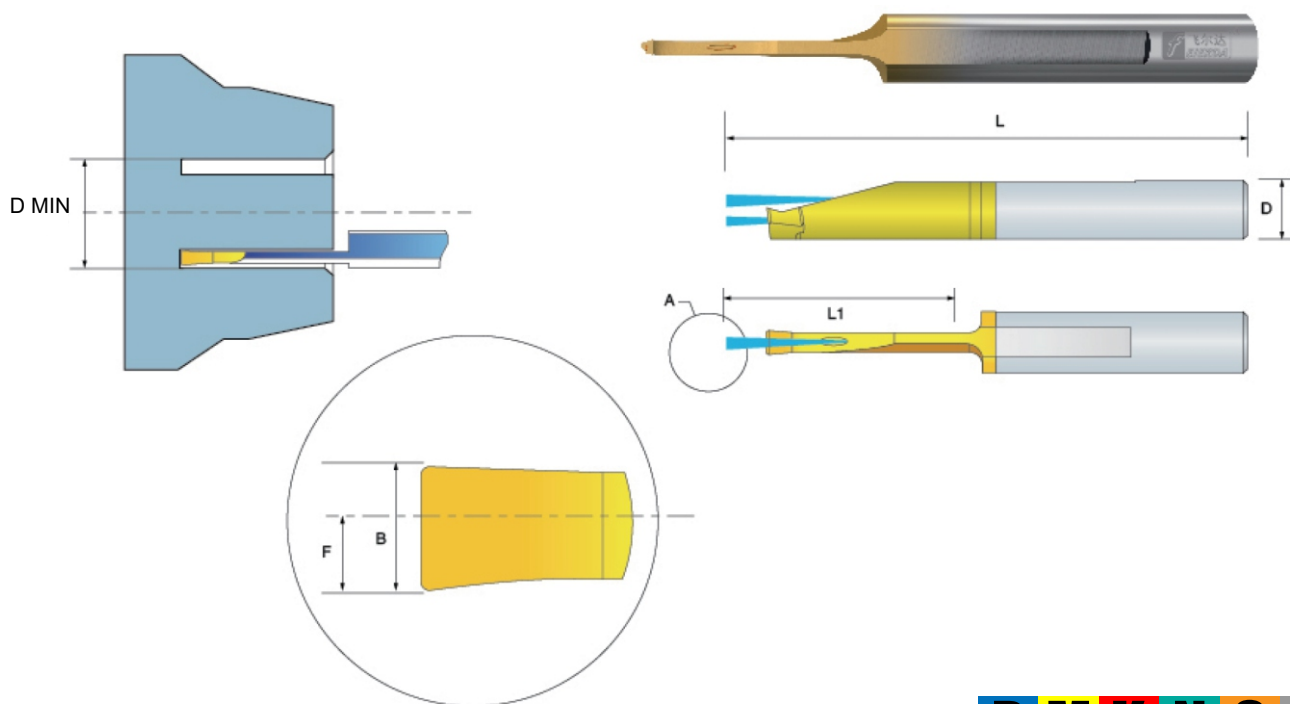
# MFL МИНИ-РЕЗЕЦ



**P M K N S H**

D	ОБОЗНАЧЕНИЕ	L	L1	B	T	F	D MIN
4.0	MFL 4 B0.75 L15	50	15	0.75	1.2	1.75	5.0
4.0	MFL 4 B1.0 L15	50	15	1.0	1.5	1.75	5.0
4.0	MFL 4 B1.5 L15	50	15	1.5	2.8	1.75	5.0
5.0	MFL 5 B0.75 L22	50	22	0.75	1.2	2.25	6.0
5.0	MFL 5 B1.0 L22	50	22	1.0	1.5	2.25	6.0
5.0	MFL 5 B1.5 L22	50	22	1.5	2.5	2.25	6.0
5.0	MFL 5 B2.0 L22	50	22	2.0	3.8	2.25	6.0
6.0	MFL 6 B1.0 L22	50	22	1.0	1.5	2.75	8.0
6.0	MFL 6 B1.5 L22	50	22	1.5	2.5	2.75	8.0
6.0	MFL 6 B2.0 L22	50	22	2.0	3.0	2.75	8.0
6.0	MFL 6 B2.5 L22	50	22	2.5	4.8	2.75	8.0
6.0	MFL 6 B3.0 L30	75	30	3.0	6.0	2.75	8.0
8.0	MFL 8 B2.5 L22	60	22	2.5	3.5	3.75	10.0

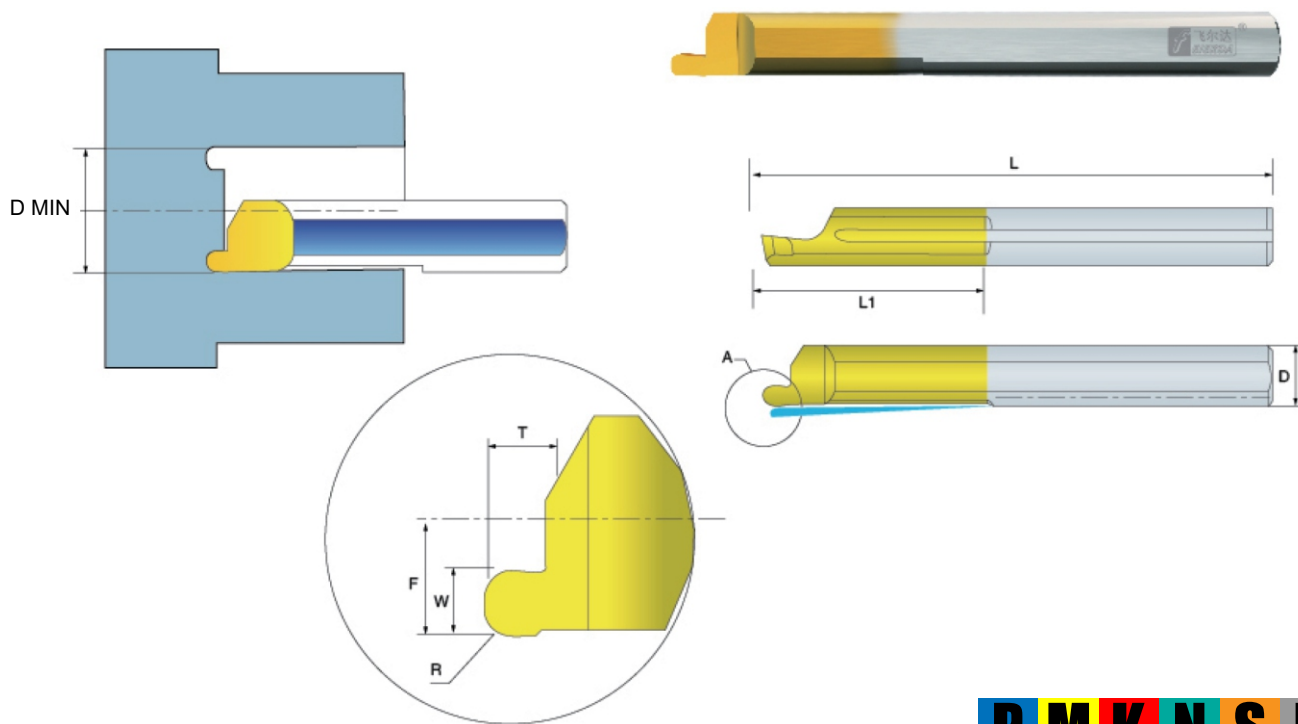
# MVL МИНИ-РЕЗЕЦ



**P M K N S H**

D	ОБОЗНАЧЕНИЕ	L	L1	B	F	D MIN
6.0	<b>MVR 6 B2.0 L15</b>	64	15	2.0	1.1	12.0
6.0	<b>MVR 6 B2.0 L22</b>	64	22	2.0	1.1	12.0
6.0	<b>MVR 6 B2.5 L22</b>	64	22	2.5	1.4	12.0
8.0	<b>MVR 8 B3.0 L27</b>	64	27	3.0	1.6	15.0
8.0	<b>MVR 8 B3.0 L43</b>	80	43	3.0	1.6	15.0
8.0	<b>MVR 8 B4.0 L43</b>	80	43	4.0	2.1	20.0

# MZR МИНИ-РЕЗЕЦ



**P M K N S H**

D	ОБОЗНАЧЕНИЕ	L	L1	R	W	T	F	D MIN
4.0	<b>MZR 4 R0.5 L15</b>	50	15	0.50	1.0	1.2	1.95	5.0
4.0	<b>MZR 4 R0.75 L15</b>	50	15	0.75	1.5	1.5	1.95	5.0
5.0	<b>MZR 5 R0.5 L22</b>	50	22	0.50	1.0	1.2	2.45	6.0
5.0	<b>MZR 5 R0.75 L22</b>	50	22	0.75	1.5	1.5	2.45	6.0
5.0	<b>MZR 5 R1.0 L22</b>	50	22	1.00	2.0	2.5	2.45	6.0
6.0	<b>MZR 6 R0.5 L22</b>	50	22	0.50	1.0	1.2	2.95	8.0
6.0	<b>MZR 6 R0.75 L22</b>	50	22	0.75	1.5	1.5	2.95	8.0
6.0	<b>MZR 6 R1.0 L22</b>	50	22	1.00	2.0	2.5	2.95	8.0

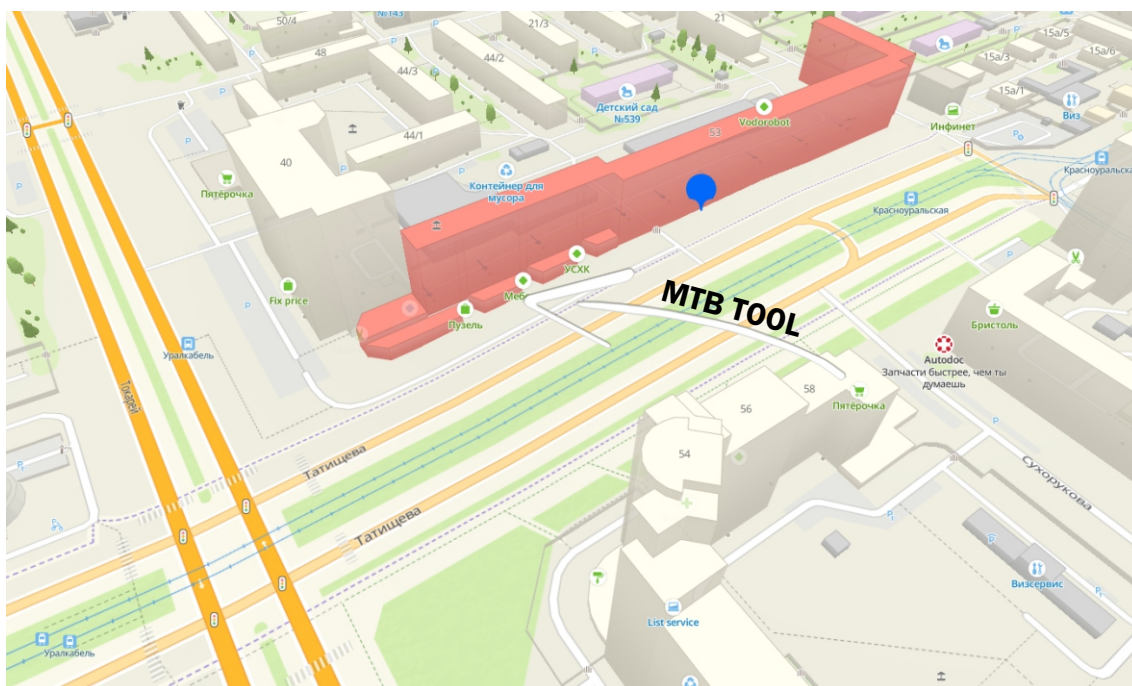
# Держатель для мини-резца



D1	ОБОЗНАЧЕНИЕ	L	D	d	Торк
3.0	SIM0012 H3	88	12	12	K25
3.0	*SIM0016 H3S	75	16	20	K25
3.0	SIM0016 H3	88	16	20	K25
3.0	SIM0020 H3	88	20	20	K25
3.0	*SIM0022 H3	88	22	22	K25
3.0	SIM0025 H3	62	25	10.8	K25
4.0	SIM0012 H4	88	12	12	K25
4.0	*SIM0016 H4S	75	16	20	K25
4.0	SIM0016 H4	88	16	20	K25
4.0	SIM0020 H4	88	20	20	K25
4.0	*SIM0022 H4	88	22	22	K25
4.0	SIM0025 H4	62	25	10.8	K25
5.0	SIM0012 H5	88	12	12	K25
5.0	*SIM0016 H5S	75	16	20	K25
5.0	SIM0016 H5	88	16	20	K25
5.0	SIM0020 H5	88	20	20	K25
5.0	*SIM0022 H5	75	22	22	K25
5.0	SIM0025 H5	62	25	10.8	K25
6.0	*SIM0016 H6S	75	16	20	K25
6.0	SIM0016 H6	88	16	20	K25
6.0	SIM0020 H6	88	20	20	K25
6.0	*SIM0022 H6	88	22	22	K25
6.0	SIM0025 H6	62	25	10.8	K25
7.0	SIM0016 H7	88	16	20	K25
7.0	SIM0020 H7	88	20	20	K25
8.0	SIM0016 H8	88	16	20	K25
8.0	SIM0020 H8	88	20	20	K25
10.0	SIM0020 H10	88	20	20	K25

# MTB TOOL ООО «БЕСТСЕРВИСИТ»

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