



ТОКАРНАЯ
ОБРАБОТКА

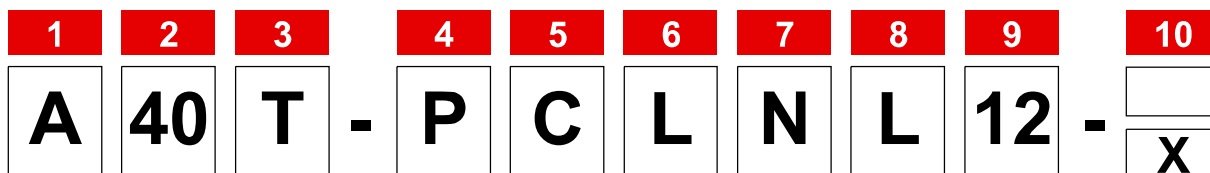



2012


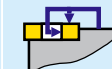
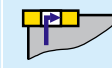
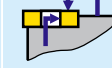

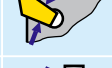

СИСТЕМА ОБОЗНАЧЕНИЯ ISO - ТОКАРНЫЕ РЕЗЦЫ ДЛЯ ВНУТРЕННЕГО ТОЧЕНИЯ










| 1 | |
|---------------------|--|
| Исполнение державки | |
| S | Стальная державка |
| A | Стальная державка с отверстием для подвода СОЖ |



























| 2 | | | | |
|-----------------------|----|----|----|---|
| Диаметр державки [мм] | | | |  |
| 08 | 10 | 12 | 16 | 20 |
| 25 | 32 | 40 | 50 | 60 |

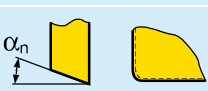








| 3 | |
|---|------------|
| Общая длина | |
|  | l_1 [мм] |
| D | 60 |
| E | 70 |
| F | 80 |
| H | 100 |
| J | 110 |
| K | 125 |
| L | 140 |
| M | 150 |
| N | 160 |
| P | 170 |
| Q | 180 |
| R | 200 |
| S | 250 |
| T | 300 |
| U | 350 |
| V | 400 |
| W | 450 |
| X | Спец. |
| Y | 500 |

| 4 | |
|------------------|---|
| Способ крепления | |
| C |  |
| D |  |
| P |  |
| M |  |
| S |  |
| X |  |
| G |  |

| 5 | |
|----------------|---|
| Форма пластины | |
| S |  |
| C |  |
| T |  |
| D |  |
| R |  |
| K |  |
| W |  |
| V |  |
| L |  |
| X | Специальный |

| 6 | | | | |
|--|---|---|---|---|
| Главный угол в плане | | | | |
| A | B | C | D | D |
|  |  |  |  |  |
| 90° | 75° | 90° | 45° | 90° |
| E | F | G | H | J |
|  |  |  |  |  |
| 60° | 90° | 90° | 107°30' | 93° |
| K | L | M | N | P |
|  |  |  |  |  |
| 75° | 95° | 50° | 62°30' | 117°30' |
| Q | R | S | S | T |
|  |  |  |  |  |
| 107°30' | 75° | 45° | 90° | 60° |
| U | V | W | X | Y |
|  |  |  |  |  |
| 93° | 72°30' | 60° | Специальный | 85° |
| Z | | | | |
|  | | | | |

| 7 | |
|---|---------------------|
| Задний угол пластины | |
|  | |
| N | C |
| $\alpha_n=0^\circ$ | $\alpha_n=7^\circ$ |
| | P |
| | $\alpha_n=11^\circ$ |

| 9 | | | | | | | | |
|-----------------|---|---|---|---|---|---|---|---|
| Размер пластины | | | | | | | | |
| | S | C | D | V | K | W | T | R |
| d [мм] |  |  |  |  |  |  |  |  |
| 6,00 | | | | | | | | 06 |
| 6,35 | | 06 | 07 | 11 | | | 11 | 08 |
| 8,00 | | | | | | | | 10 |
| 9,525 | 09 | 09 | 11 | 16 | 19 | 06 | 16 | 12 |
| 10,00 | | | | | | | | 12 |
| 12,00 | | | | | | | | 12 |
| 12,70 | 12 | 12 | 15 | | | 08 | 22 | 12 |
| 15,875 | 15 | 16 | | | | | 27 | 15 |
| 16,00 | | | | | | | | 16 |
| 19,05 | 19 | 19 | | | | | | 19 |
| 20,00 | | | | | | | | 20 |
| 25,00 | | | | | | | | 25 |
| 25,40 | 25 | 25 | | | | | | 25 |

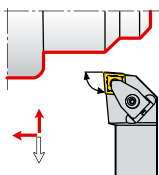
| 8 | |
|---------------------|---|
| Направление резания | |
| R |  |
| L |  |

| 10 | |
|--------------------------|---|
| Обозначение изготовителя | |
| X | Специальное исполнение державки |
| . | |
| . | |
| 87 | Значение угла в плане κ для резца типа "Z" |
| 90 | |
| 93 | |
| . | |
| . | |

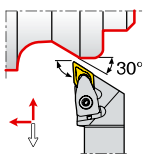
АССОРТИМЕНТ ТОКАРНЫХ РЕЗЦОВ ДЛЯ НАРУЖНОЙ ОБРАБОТКИ ISO D

ISO D

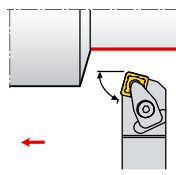
DCLNR/L



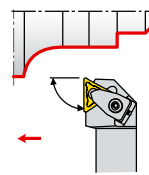
DDJNR/L



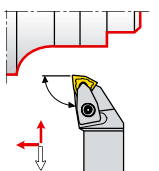
DSBNR/L

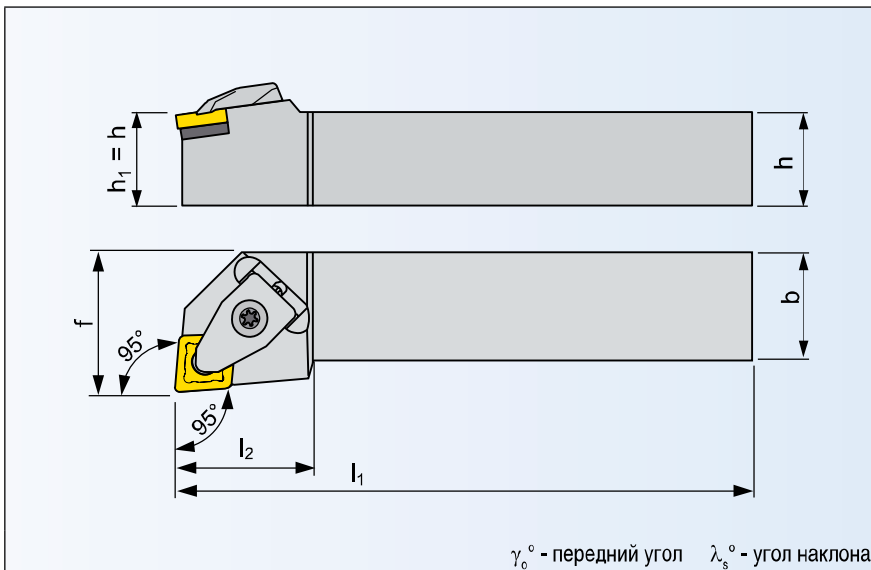
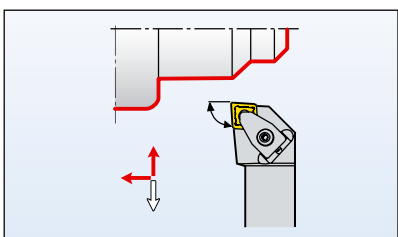
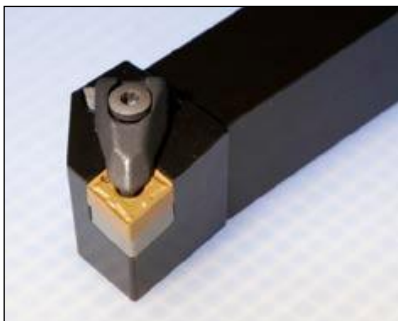


DTGNR/L



DWLNR/L





ISO D

ТОКАРНЫЙ РЕЗЕЦ ДЛЯ НАРУЖНОЙ ОБРАБОТКИ

| ISO | П/Л | Размеры [мм] | | | | | | | | | [кг] | Запчасти | Пластины | | |
|-------------------|-----|------------------|----|----|----------------|-------------------|--|--|------------------|----|------|----------|----------|------|----------------|
| | | h=h ₁ | b | f | l ₁ | l _{2max} | | | λ _s ° | γ° | | | | | |
| DCLNR/L 1616 H 09 | ●/● | 16 | 16 | 20 | 100 | 25 | | | | | -6 | -6 | 0,20 | DC09 | CNM, 0903,..-E |
| DCLNR/L 2020 K 09 | ○/○ | 20 | 20 | 25 | 125 | 25 | | | | | -6 | -6 | 0,40 | DC09 | CNM, 0903,..-E |
| DCLNR/L 2525 M 09 | ●/● | 25 | 25 | 32 | 150 | 25 | | | | | -6 | -6 | 0,70 | DC09 | CNM, 0903,..-E |
| DCLNR/L 2020 K 12 | ●/● | 20 | 20 | 25 | 125 | 30 | | | | | -6 | -6 | 0,40 | DC12 | CNM, 1204,..-E |
| DCLNR/L 2525 M 12 | ●/● | 25 | 25 | 32 | 150 | 30 | | | | | -6 | -6 | 0,70 | DC12 | CNM, 1204,..-E |
| DCLNR/L 3225 P 12 | ●/● | 32 | 25 | 32 | 170 | 30 | | | | | -6 | -6 | 1,00 | DC12 | CNM, 1204,..-E |
| DCLNR/L 3225 P 16 | ●/● | 32 | 25 | 32 | 170 | 35 | | | | | -6 | -6 | 1,00 | DC16 | CNM, 1606,..-E |
| DCLNR/L 3232 P 19 | ●/● | 32 | 32 | 40 | 170 | 40 | | | | | -6 | -6 | 1,30 | DC19 | CNM, 1906,..-E |
| DCLNR/L 4040 R 19 | ●/● | 40 | 40 | 50 | 200 | 40 | | | | | -6 | -6 | 2,40 | DC19 | CNM, 1906,..-E |
| | | | | | | | | | | | | | | | |
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ЗАПАСНЫЕ ЧАСТИ

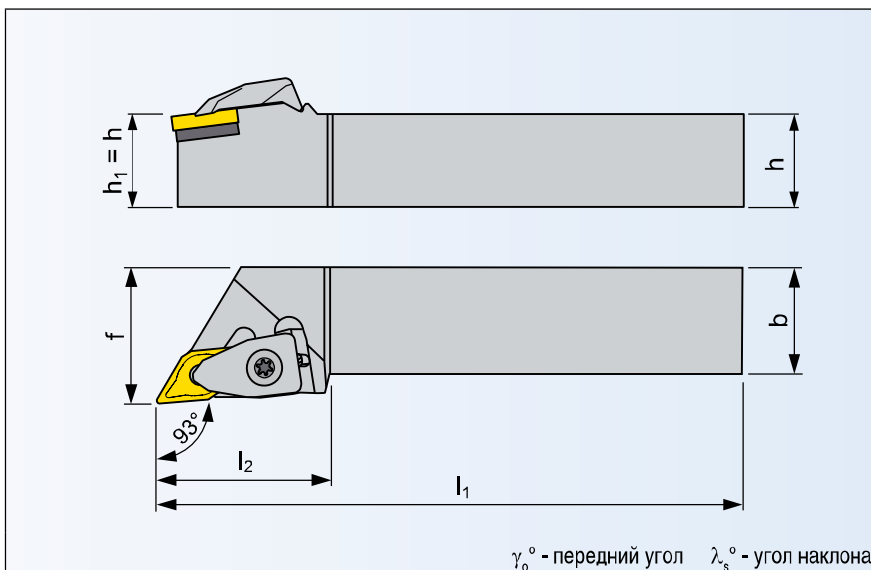
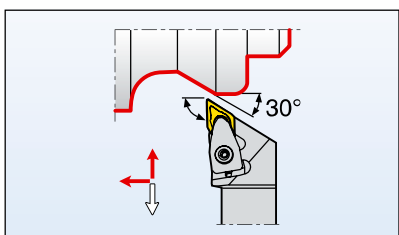
| Тип | Опорная пластина | Винт для опорной пластины | Прихват | Зажимной винт* | Пружина | Отвертка |
|------|------------------|---------------------------|---------|----------------|---------|----------|
| DC09 | DCN 090412 | MSD 5008-T09P | UD 09 | SR 85017-T09P | PR 6912 | SDR T09P |
| DC12 | DCN 120612 | MSD 6312-T15P | UD 12 | SR 85020-T15P | PR 7616 | SDR T15P |
| DC16 | DCN 160412 | MSD 8015-T20P | UD 16 | SR 86025-T20P | PR 9118 | SDR T20P |
| DC19 | DCN 190412 | MSD 1015-T20P | UD 19 | SR 86025-T20P | PR 9118 | SDR T20P |
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● складуемый ассортимент ○ нескладуемый ассортимент

все размеры в [мм]



Актуальный ассортимент представлен в действующем прайс-листе.



ТОКАРНЫЙ РЕЗЕЦ ДЛЯ НАРУЖНОЙ ОБРАБОТКИ

| ISO | П/Л | Размеры [мм] | | | | | | | | | [кг] | Запчасти | Пластины | |
|-------------------|-----|--------------|----|----|-------|------------|--|--|--|-------------------|------|----------|----------|------------------|
| | | $h=h_1$ | b | f | l_1 | l_{2max} | | | | λ_s° | | | | γ_0° |
| DDJNR/L 2020 K 11 | ●/● | 20 | 20 | 25 | 125 | 35 | | | | | | 0,40 | DD11 | DNM, 1104,..-E |
| DDJNR/L 2020 K 15 | ●/● | 20 | 20 | 25 | 125 | 40 | | | | | | 0,40 | DD15 | DNM, 1506,..-E |
| DDJNR/L 2525 M 11 | ●/● | 25 | 25 | 32 | 150 | 35 | | | | | | 0,70 | DD11 | DNM, 1104,..-E |
| DDJNR/L 2525 M 15 | ●/● | 25 | 25 | 32 | 150 | 40 | | | | | | 0,70 | DD15 | DNM, 1506,..-E |
| DDJNR/L 3225 P 15 | ●/● | 32 | 25 | 32 | 170 | 40 | | | | | | 1,00 | DD15 | DNM, 1506,..-E |
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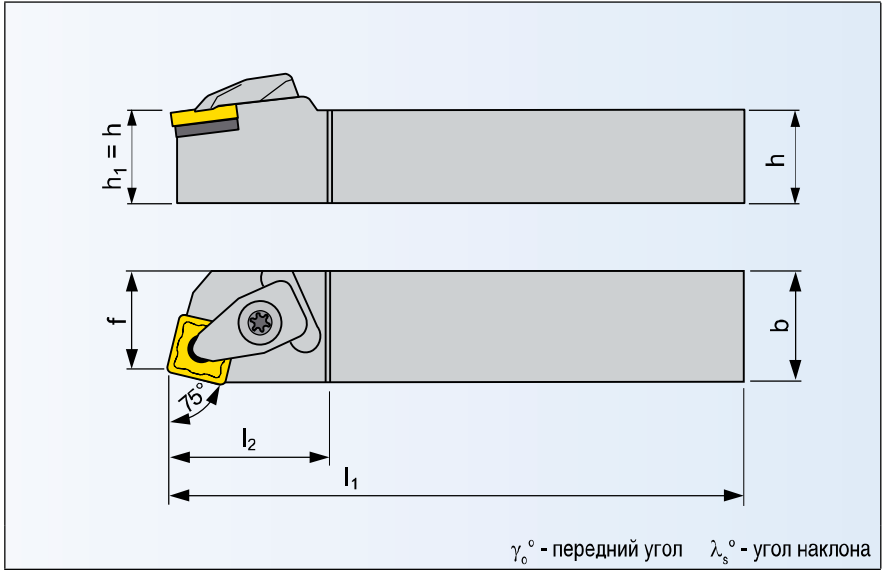
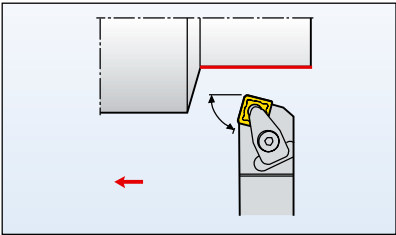
ЗАПАСНЫЕ ЧАСТИ

| Тип | Опорная пластина | Винт для опорной пластины | Прихват | Зажимной винт* | Пружина | Отвертка |
|------|------------------|---------------------------|---------|----------------|---------|----------|
| DD11 | DDN 110312 | MSD 5008-T09P | UD 09 | SR 85017-T09P | PR 6912 | SDR T09P |
| DD15 | DDN 150412 | MSD 6312-T15P | UD 12 | SR 85020-T15P | PR 7616 | SDR T15P |
| | | | | | | |
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● складуемый ассортимент ○ нескладуемый ассортимент
 Актуальный ассортимент представлен в действующем прайс-листе.

все размеры в [мм]





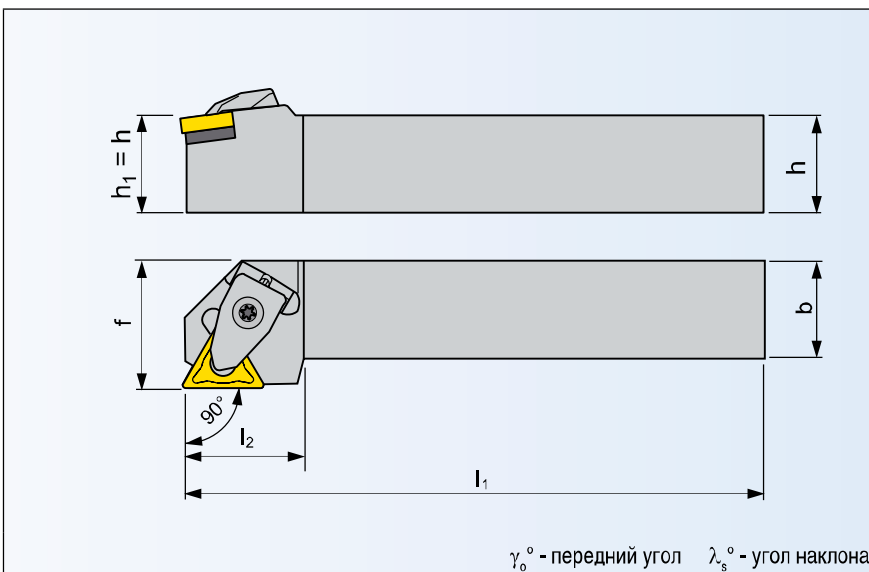
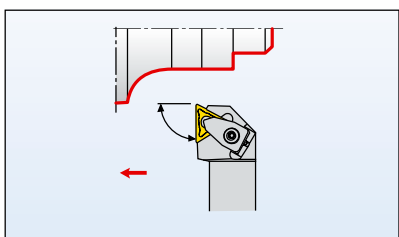
ТОКАРНЫЙ РЕЗЕЦ ДЛЯ НАРУЖНОЙ ОБРАБОТКИ

| ISO | П/Л | Размеры [мм] | | | | | | | | | | [кг] | Запчасти | Пластины | | |
|-------------------|-----|--------------|----|----|-------|------------|--|--|--|-------------------|------------------|------|----------|----------|------|--------------|
| | | $h=h_1$ | b | f | l_1 | l_{2max} | | | | λ_s° | γ_0° | | | | | |
| DSBNR/L 2525 M 12 | ●/○ | 25 | 25 | 22 | 150 | 35 | | | | | | -6 | -6 | 0,70 | DS12 | SNM, 1204,-E |
| DSBNR/L 3225 P 15 | ●/○ | 32 | 25 | 22 | 170 | 40 | | | | | | -6 | -6 | 1,00 | DS15 | SNM, 1506,-E |
| DSBNR/L 3232 P 19 | ●/○ | 32 | 32 | 27 | 170 | 45 | | | | | | -6 | -6 | 1,30 | DS19 | SNM, 1906,-E |
| DSBNR/L 4040 R 19 | ○/○ | 40 | 40 | 35 | 200 | 45 | | | | | | -6 | -6 | 2,40 | DS19 | SNM, 1906,-E |
| | | | | | | | | | | | | | | | | |
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ЗАПАСНЫЕ ЧАСТИ

| Тип | Опорная пластина | Винт для опорной пластины | Прихват | Зажимной винт* | Пружина | Отвертка |
|------|------------------|---------------------------|---------|----------------|---------|----------|
| DS12 | DSN 120612 | MSD 6312-T15P | UD 12 | SR 85020-T15P | PR 7616 | SDR T15P |
| DS15 | DSN 150412 | MSD 8015-T20P | UD 16 | SR 86025-T20P | PR 9118 | SDR T20P |
| DS19 | DSN 190412 | MSD 1015-T20P | UD 19 | SR 86025-T20P | PR 9118 | SDR T20P |
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● складуемый ассортимент ○ нескладуемый ассортимент все размеры в [мм]



ТОКАРНЫЙ РЕЗЕЦ ДЛЯ НАРУЖНОЙ ОБРАБОТКИ

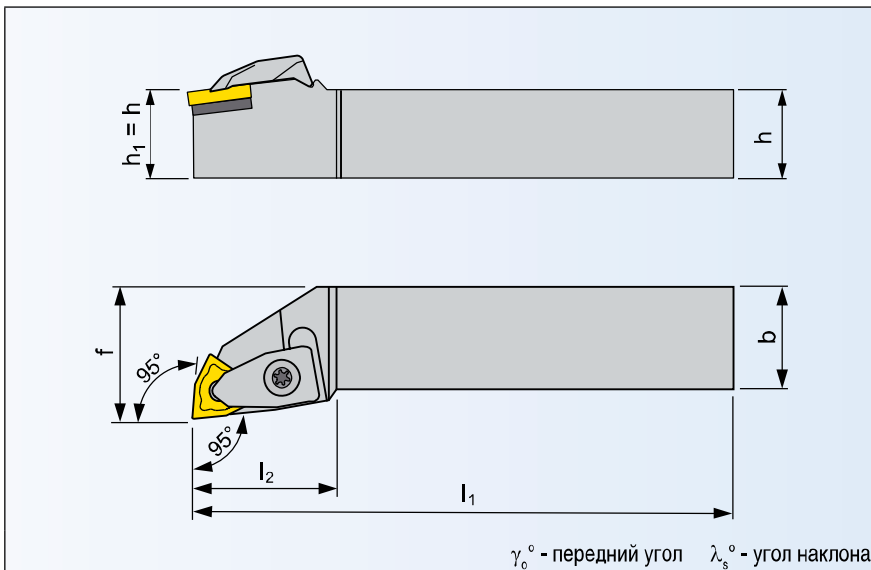
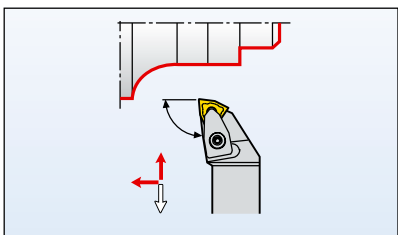
| ISO | П/Л | Размеры [мм] | | | | | | | | | [кг] | Запчасти | Пластины | | |
|-------------------|-----|--------------|----|----|-------|------------|--|--|-------------------|------------------|------|----------|----------|------|----------------|
| | | $h=h_1$ | b | f | l_1 | l_{2max} | | | λ_s° | γ_o° | | | | | |
| DTGNR/L 2020 K 16 | ●/○ | 20 | 20 | 25 | 125 | 25 | | | | | -6 | -6 | 0,40 | DT16 | TNM, 1604,..-E |
| DTGNR/L 2525 M 16 | ●/○ | 25 | 25 | 32 | 150 | 25 | | | | | -6 | -6 | 0,70 | DT16 | TNM, 1604,..-E |
| DTGNR/L 2525 M 22 | ○/○ | 25 | 25 | 32 | 150 | 30 | | | | | -6 | -6 | 0,70 | DT22 | TNM, 2204,..-E |
| DTGNR/L 3225 P 22 | ○/○ | 32 | 25 | 32 | 170 | 30 | | | | | -6 | -6 | 1,00 | DT22 | TNM, 2204,..-E |
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ЗАПАСНЫЕ ЧАСТИ

| Тип | Опорная пластина | Винт для опорной пластины* | Прихват | Зажимной винт* | Пружина | Отвертка |
|------|------------------|----------------------------|---------|----------------|---------|----------|
| DT16 | DTN 160312 | MSD 5008-T09P | UD 09 | SR 85017-T09P | PR 6912 | SDR T09P |
| DT22 | DTN 220612 | MSD 6312-T15P | UD 12 | SR 85020-T15P | PR 7616 | SDR T15P |
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● складуемый ассортимент ○ нескладуемый ассортимент
Актуальный ассортимент представлен в действующем прайс-листе.

все размеры в [мм]



ISO D

ТОКАРНЫЙ РЕЗЕЦ ДЛЯ НАРУЖНОЙ ОБРАБОТКИ

| ISO | П/Л | Размеры [мм] | | | | | | | | | [кг] | Запчасти | Пластины | | |
|-------------------|-----|--------------|----|----|-------|------------|--|--|-------------------|------------------|------|----------|----------|------|--------------|
| | | $h=h_1$ | b | f | l_1 | l_{2max} | | | λ_s° | γ_0° | | | | | |
| DWLNR/L 2020 K 08 | ●/● | 20 | 20 | 25 | 125 | 35 | | | | | -6 | -6 | 0,40 | DW08 | WNM, 0804,-E |
| DWLNR/L 2525 M 08 | ●/● | 25 | 25 | 32 | 150 | 35 | | | | | -6 | -6 | 0,70 | DW08 | WNM, 0804,-E |
| DWLNR/L 3225 P 08 | ●/● | 32 | 25 | 32 | 170 | 35 | | | | | -6 | -6 | 1,00 | DW08 | WNM, 0804,-E |
| DWLNR/L 3225 P 10 | ●/○ | 32 | 25 | 32 | 170 | 36 | | | | | -6 | -6 | 1,00 | DW10 | WNM, 1006,-E |
| DWLNR/L 3232 P 13 | ●/○ | 32 | 32 | 40 | 170 | 40 | | | | | -6 | -6 | 1,30 | DW13 | WNM, 1306,-E |
| DWLNR/L 4040 S 13 | ●/○ | 40 | 40 | 50 | 250 | 40 | | | | | -6 | -6 | 3,10 | DW13 | WNM, 1306,-E |
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ЗАПАСНЫЕ ЧАСТИ

| Тип | Опорная пластина | Винт для опорной пластины* | Прихват | Зажимной винт* | Пружина | Отвертка |
|------|------------------|----------------------------|---------|----------------|---------|----------|
| DW08 | DWN 080416 | US 4008-T15P | UD 12 | SR 85020-T15P | PR 7616 | SDR T15P |
| DW10 | DWN 100612 | US 5018-T20P | UD 16 | SR 86025-T20P | PR 9118 | SDR T20P |
| DW13 | DWN 130612 | US 6013-T20P | UD 19 | SR 86025-T20P | PR 9118 | SDR T20P |
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● складуемый ассортимент ○ нескладуемый ассортимент все размеры в [мм]