

# ROLLED STEEL WITH DIAMOND TREAD PATTERN AS PER ASTM A 786-09/A 786M-09, DIN 59220:2000, GOST 8568-77

## TOLERANCES FOR DIMENSIONS AND SHAPE OF ROLLED PRODUCTS

| Standard for specification                                      | GOST 8568, GOST 19903 | ASTM A 786/A 786M, ASTM A 1011/A 1011M | DIN 59220 | JIS G 3101 | ASTM A 786/A 786M, ASTM A 36/A 36M, ASTM A 1018/A 1018M, BS 4360 |
|---|-----------------------|--|-----------|------------|--|
| Standard for product mix, geometrical dimensions and tolerances | GOST 8568, GOST 19903 | ASTM A 568/A 568M, ASTM A 786/A 786M   | DIN 59220 | JIS G 3193 | ASTM A 786/A 786M, ASTM A 6/A 6M, ASTM A 635/A 635M              |

Thickness certification is performed in line with requirements of the contract (agreement).

## SPECIAL REQUIREMENTS

| Steel grade  | Standard                  | Riffle height*, mm |
|--|---------------------------|--------------------|
| RSt 37-2, S235JR, S235JRG2, S235JO, S235J0, St 44-2, S275JR                  | DIN 59220                 | 1.0–2.0            |
| SS 400   | JIS G 3101**              | –                  |
| SS 36 Type 1/ SS 250 Type 1, steel as per ASTM A 36/A 36M, 43A, SS 40/SS 275 | ASTM A 786<br>ASTM A 786M | –                  |
| Ct2cn, Ct2nc, Ct3cn, Ct3nc   | GOST 8568                 | 0.5–3.6***         |

\* For orders as per DIN 59220:2000, JIS G 3101:2010, and ASTM A 786-09/A 786M-09, a riffle height of 0.6 mm or more needs to be approved

\*\* Requirements of JIS G 3101:2010 apply to rolled products without ruffling

\*\*\* To be determined by the formula:  $(0.1 \pm 0.3) \times h$ , where h is a nominal thickness of rolled products; the minimum value is 0.5 mm



## THICKNESS/WIDTH RATIO FOR ROLLED PRODUCTS

| Thickness, mm | Strip width, mm |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|---------------|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|               | 900             | 1,000 | 1,100 | 1,200 | 1,250 | 1,300 | 1,350 | 1,400 | 1,450 | 1,500 | 1,550 | 1,600 | 1,650 | 1,700 | 1,850 |
| 2.50–2.99     |                 |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 3.00–3.99     |                 |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 4.00–4.99     |                 |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 5.00–5.99     |                 |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 6.00–12.00    |                 |       |       |       |       |       |       |       |       |       |       |       |       |       |       |

Rolled products with customized properties, including thickness/width ratio, are available upon request.