

# HOW TO USE THE PAIRING GUIDE

1. Choose from the pilot, reamer, or coolant through reamer column.



SAEJ1926 Port Tools			Recommended Thread Mills		
Solid Pilot	Reamer Pilot	Coolant Through Reamer	Ferrous Material	Non-Ferrous Material	Utility Option
SAEJ1926-02S	SAEJ1926-02R	SAEJ1926-02R-X3	TMI234-24HA	TMI234-24H	SPTM240
SAEJ1926-02SA	SAEJ1926-02RA	SAEJ1926-02R-X3A	TMI234-24HA	TMI234-24H	SPTM240
SAEJ1926-03S	SAEJ1926-03R	SAEJ1926-03R-X3	TMI285-24HA	TMI285-24H	SPTM290
SAEJ1926-03SA	SAEJ1926-03RA	SAEJ1926-03R-X3A	TMI285-24HA	TMI285-24H	SPTM290
SAEJ1926-04S	SAEJ1926-04R	SAEJ1926-04R-X3	TMI335-20HA	TMI335-20H	SPTM290
SAEJ1926-04SA	SAEJ1926-04RA	SAEJ1926-04R-X3A	TMI335-20HA	TMI335-20H	SPTM290
SAEJ1926-05S	SAEJ1926-05R	SAEJ1926-05R-X3	TMI335-20HA	TMI335-20H	SPTM290
SAEJ1926-05SA	SAEJ1926-05RA	SAEJ1926-05R-X3A	TMI335-20HA	TMI335-20H	SPTM290
SAEJ1926-06S	SAEJ1926-06R	SAEJ1926-06R-X3	TMI370-18HA	TMI370-18H	SPTM372
SAEJ1926-06SA	SAEJ1926-06RA	SAEJ1926-06R-X3A	TMI370-18HA	TMI370-18H	SPTM372
SAEJ1926-08S	SAEJ1926-08R	SAEJ1926-08R-X3	TMI495-16HA	TMI495-16H	SPTM488
SAEJ1926-08SA	SAEJ1926-08RA	SAEJ1926-08R-X3A	TMI495-16HA	TMI495-16H	SPTM488
SAEJ1926-10S	SAEJ1926-10R	SAEJ1926-10R-X3	TMI495-14HA	TMI495-14H	SPTM595
SAEJ1926-10SA	SAEJ1926-10RA	SAEJ1926-10R-X3A	TMI495-14HA	TMI495-14H	SPTM595
SAEJ1926-12S	SAEJ1926-12R	SAEJ1926-12R-X3	TMI495-12HA	TMI495-12H	SPTM595
SAEJ1926-12SA	SAEJ1926-12RA	SAEJ1926-12R-X3A	TMI495-12HA	TMI495-12H	SPTM595
SAEJ1926-14S	SAEJ1926-14R	SAEJ1926-14R-X3	TMI495-12HA	TMI495-12H	SPTM595

2. Choose Option:  
Uncoated Tool →  
Coated Tool →

3. Choose the pairing option

**Ferrous Material Option:**

Example: stainless steel, high temperature alloys, and titanium.

**Non-ferrous Material Option:**

For example: plastic, brass, zinc, and aluminum.

**Utility Option:**

This versatile tool option can cut multiple pitch and thread sizes.

**AS5202 Replaces MS33649 Port Tools**



**SOLID PILOT**  
AS5202-S Replaces MS33649-S



**REAMER PILOT**  
AS5202-R Replaces MS33649-R



**COOLANT THROUGH**  
AS5202-X Replaces MS33649-X

**SAE J1926 Replaces MS16142 Port Tools**



**SOLID PILOT**  
SAE J1926-S Replaces MS16142-S



**REAMER PILOT**  
SAE J1926-R Replaces MS16142-R



**COOLANT THROUGH**  
SAE J1926-X Replaces MS16142-X



# PORT TOOL & THREAD MILL PAIRING CHART

## SAE J1926 PORT TOOLS

SAEJ1926 Port Tools			Recommended Thread Mills		
Solid Pilot	Reamer Pilot	Coolant Through Reamer	Ferrous Material	Non-Ferrous Material	Utility Option
SAEJ1926-02S	SAEJ1926-02R	SAEJ1926-02R-X3	TMI234-24HA	TMI234-24H	SPTM240
SAEJ1926-02SA	SAEJ1926-02RA	SAEJ1926-02R-X3A	TMI234-24HA	TMI234-24H	SPTM240
SAEJ1926-03S	SAEJ1926-03R	SAEJ1926-03R-X3	TMI285-24HA	TMI285-24H	SPTM290
SAEJ1926-03SA	SAEJ1926-03RA	SAEJ1926-03R-X3A	TMI285-24HA	TMI285-24H	SPTM290
SAEJ1926-04S	SAEJ1926-04R	SAEJ1926-04R-X3	TMI335-20HA	TMI335-20H	SPTM290
SAEJ1926-04SA	SAEJ1926-04RA	SAEJ1926-04R-X3A	TMI335-20HA	TMI335-20H	SPTM290
SAEJ1926-05S	SAEJ1926-05R	SAEJ1926-05R-X3	TMI335-20HA	TMI335-20H	SPTM290
SAEJ1926-05SA	SAEJ1926-05RA	SAEJ1926-05R-X3A	TMI335-20HA	TMI335-20H	SPTM290
SAEJ1926-06S	SAEJ1926-06R	SAEJ1926-06R-X3	TMI370-18HA	TMI370-18H	SPTM372
SAEJ1926-06SA	SAEJ1926-06RA	SAEJ1926-06R-X3A	TMI370-18HA	TMI370-18H	SPTM372
SAEJ1926-08S	SAEJ1926-08R	SAEJ1926-08R-X3	TMI495-16HA	TMI495-16H	SPTM488
SAEJ1926-08SA	SAEJ1926-08RA	SAEJ1926-08R-X3A	TMI495-16HA	TMI495-16H	SPTM488
SAEJ1926-10S	SAEJ1926-10R	SAEJ1926-10R-X3	TMI495-14HA	TMI495-14H	SPTM595
SAEJ1926-10SA	SAEJ1926-10RA	SAEJ1926-10R-X3A	TMI495-14HA	TMI495-14H	SPTM595
SAEJ1926-12S	SAEJ1926-12R	SAEJ1926-12R-X3	TMI495-12HA	TMI495-12H	SPTM595
SAEJ1926-12SA	SAEJ1926-12RA	SAEJ1926-12R-X3A	TMI495-12HA	TMI495-12H	SPTM595
SAEJ1926-14S	SAEJ1926-14R	SAEJ1926-14R-X3	TMI495-12HA	TMI495-12H	SPTM595
SAEJ1926-14SA	SAEJ1926-14RA	SAEJ1926-14R-X3A	TMI495-12HA	TMI495-12H	SPTM595
SAEJ1926-16S	SAEJ1926-16R	SAEJ1926-16R-X3	TMI620-12HA	TMI620-12H	SPTM595
SAEJ1926-16SA	SAEJ1926-16RA	SAEJ1926-16R-X3A	TMI620-12HA	TMI620-12H	SPTM595
SAEJ1926-20S	SAEJ1926-20R	N/A	TMI620-12HA	TMI620-12H	SPTM595
SAEJ1926-20SA	SAEJ1926-20RA	N/A	TMI620-12HA	TMI620-12H	SPTM595
SAEJ1926-24S	SAEJ1926-24R	N/A	TMI620-12HA	TMI620-12H	SPTM595
SAEJ1926-24SA	SAEJ1926-24RA	N/A	TMI620-12HA	TMI620-12H	SPTM595
SAEJ1926-32S	SAEJ1926-32R	N/A	TMI620-12HA	TMI620-12H	SPTM595
SAEJ1926-32SA	SAEJ1926-32RA	N/A	TMI620-12HA	TMI620-12H	SPTM595

## AS5202 PORT TOOLS

AS5202 Port Tools			Recommended Thread Mills	
Solid Pilot	Reamer Pilot	Coolant Through Reamer	Ferrous Material	Non-Ferrous Material
AS5201-01S	AS5201-01R	N/A	TM187-28A	TM187-28
AS5201-01SA	AS5201-01RA	N/A	TM187-28A	TM187-28
AS5202-02S	AS5202-02R	AS5202-02R-X3	TM235-24A	TM235-24
AS5202-02SA	AS5202-02RA	AS5202-02R-X3A	TM235-24A	TM235-24
AS5202-03S	AS5202-03R	AS5202-03R-X3	TM290-24A	TM290-24
AS5202-03SA	AS5202-03RA	AS5202-03R-X3A	TM290-24A	TM290-24
AS5202-04S	AS5202-04R	AS5202-04R-X3	TM345-20A	TM345-20
AS5202-04SA	AS5202-04RA	AS5202-04R-X3A	TM345-20A	TM345-20
AS5202-05S	AS5202-05R	AS5202-05R-X3	TM345-20A	TM345-20
AS5202-05SA	AS5202-05RA	AS5202-05R-X3A	TM345-20A	TM345-20
AS5202-06S	AS5202-06R	AS5202-06R-X3	TM345-18A	TM345-18
AS5202-06SA	AS5202-06RA	AS5202-06R-X3A	TM345-18A	TM345-18
AS5202-07S	AS5202-07R	N/A	TM400-18A	TM400-18
AS5202-07SA	AS5202-07RA	N/A	TM400-18A	TM400-18
AS5202-08S	AS5202-08R	AS5202-08R-X3	TM490-16A	TM490-16
AS5202-08SA	AS5202-08RA	AS5202-08R-X3A	TM490-16A	TM490-16
AS5202-09S	AS5202-09R	N/A	TN490-16A	TN490-16
AS5202-09SA	AS5202-09RA	N/A	TM490-16A	TM490-16
AS5202-10S	AS5202-10R	AS5202-10R-X3	TM490-14A	TM490-14
AS5202-10SA	AS5202-10RA	AS5202-10R-X3A	TM490-14A	TM490-14
AS5202-11S	AS5202-11R	N/A	TM490-12A	TM490-12
AS5202-11SA	AS5202-11RA	N/A	TM490-12A	TM490-12
AS5202-12S	AS5202-12R	AS5202-12R-X3	TM490-12A	TM490-12
AS5202-12SA	AS5202-12RA	AS5202-12R-X3A	TM490-12A	TM490-12
AS5202-14S	AS5202-14R	AS5202-14R-X3	TM490-12A	TM490-12
AS5202-14SA	AS5202-14RA	AS5202-14R-X3A	TM490-12A	TM490-12
AS5202-16S	AS5202-16R	AS5202-16R-X3	TM620-12A	TM620-12
AS5202-16SA	AS5202-16RA	AS5202-16R-X3A	TM620-12A	TM620-12
AS5202-20S	AS5202-20R	N/A	TM620-12A	TM620-12
AS5202-20SA	AS5202-20RA	N/A	TM620-12A	TM620-12
AS5202-24S	AS5202-24R	N/A	TM620-12A	TM620-12
AS5202-24SA	AS5202-24RA	N/A	TM620-12A	TM620-12
AS5202-28S	AS5202-28R	N/A	TM620-12A	TM620-12
AS5202-28SA	AS5202-28RA	N/A	TM620-12A	TM620-12
AS5202-32S	AS5202-32R	N/A	TM620-12A	TM620-12
AS5202-32SA	AS5202-32RA	N/A	TM620-12A	TM620-12

Visit [www.sct-usa.com](http://www.sct-usa.com) for more resources including the Thread Mill Code Generator.

Technical help & customer assistance is available.  
Call (800) 383-2244 or (805) 584-9495.